

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016922.D
 Acq On : 22 Jun 2020 15:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:05 AM

Quant Time: Jun 23 08:01:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	343913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	614674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	580002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	256270	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	186050	44.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.96%	
35) Dibromofluoromethane	5.46	113	160263	40.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.52%	
50) Toluene-d8	8.70	98	623170	39.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.22%	
62) 4-Bromofluorobenzene	11.12	95	246171	40.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	205791	48.759	ug/l	99
3) Chloromethane	1.31	50	189913	44.377	ug/l	99
4) Vinyl Chloride	1.39	62	237423	49.224	ug/l	98
5) Bromomethane	1.62	94	119506	41.149	ug/l	100
6) Chloroethane	1.71	64	139952	47.112	ug/l	99
7) Trichlorofluoromethane	1.92	101	309607	45.884	ug/l	97
8) Diethyl Ether	2.17	74	130343	49.684	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	183026	50.924	ug/l	97
10) Methyl Iodide	2.49	142	101040	29.530	ug/l	96
11) Tert butyl alcohol	3.01	59	183846	262.929	ug/l	99
12) 1,1-Dichloroethene	2.36	96	182322	49.609	ug/l	97
13) Acrolein	2.27	56	172996	408.071	ug/l	100
14) Allyl chloride	2.70	41	257404	52.949	ug/l	95
15) Acrylonitrile	3.11	53	435319	271.678	ug/l	98
16) Acetone	2.42	43	366275	243.939	ug/l	99
17) Carbon Disulfide	2.55	76	433425	45.634	ug/l	99
18) Methyl Acetate	2.75	43	213582	55.939	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	537460	51.315	ug/l	99
20) Methylene Chloride	2.83	84	172965	48.036	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	168717	48.633	ug/l	99
22) Diisopropyl ether	3.82	45	510834	54.846	ug/l	96
23) Vinyl Acetate	3.78	43	2130339	277.378	ug/l	99
24) 1,1-Dichloroethane	3.67	63	292957	50.354	ug/l	99
25) 2-Butanone	4.62	43	603884	292.233	ug/l	97
26) 2,2-Dichloropropane	4.54	77	306807	56.287	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	222891	57.163	ug/l	97
28) Bromochloromethane	4.98	49	121574	50.347	ug/l	92
29) Tetrahydrofuran	5.08	42	359126	275.944	ug/l	96
30) Chloroform	5.17	83	294656	47.972	ug/l	99
31) Cyclohexane	5.54	56	262177	51.257	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	265247	45.627	ug/l	100
36) 1,1-Dichloropropene	5.76	75	226207	39.857	ug/l	99
37) Ethyl Acetate	4.79	43	221744	44.220	ug/l	99
38) Carbon Tetrachloride	5.75	117	232635	36.531	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	271155	41.090	ug/l	96
40) Benzene	6.11	78	680948	39.986	ug/l	99
41) Methacrylonitrile	4.99	41	122769	45.096	ug/l	98
42) 1,2-Dichloroethane	6.16	62	227647	37.566	ug/l	99
43) Isopropyl Acetate	6.41	43	460175	52.550	ug/l	98
44) Trichloroethene	7.18	130	229721	44.047	ug/l	97
45) 1,2-Dichloropropane	7.49	63	174880	40.850	ug/l	97
46) Dibromomethane	7.63	93	117796	40.574	ug/l	98
47) Bromodichloromethane	7.87	83	241668	39.139	ug/l	98
48) Methyl methacrylate	7.74	41	178578	43.307	ug/l	98
49) 1,4-Dioxane	7.71	88	85979	931.457	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1103954	209.600	ug/l	100
52) Toluene	8.76	92	440124	38.959	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	286809	42.251	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	304880	41.983	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	179048	41.977	ug/l	99
56) Ethyl methacrylate	9.16	69	277834	44.994	ug/l	99
57) 1,3-Dichloropropane	9.35	76	299753	41.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	638212	222.126	ug/l	97
59) 2-Hexanone	9.47	43	833045	218.409	ug/l	99
60) Dibromochloromethane	9.56	129	209637	40.970	ug/l	99
61) 1,2-Dibromoethane	9.65	107	222878	48.149	ug/l	100
64) Tetrachloroethene	9.32	164	187303	34.874	ug/l	99
65) Chlorobenzene	10.12	112	560247	47.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	219151	48.145	ug/l	99
67) Ethyl Benzene	10.23	91	969649	48.932	ug/l	98
68) m/p-Xylenes	10.34	106	648526	84.101	ug/l	100
69) o-Xylene	10.68	106	311010	43.618	ug/l	99
70) Styrene	10.70	104	553857	45.717	ug/l	99
71) Bromoform	10.84	173	162668	42.505	ug/l #	98
73) Isopropylbenzene	11.00	105	840538	50.942	ug/l	99
74) N-amyl acetate	10.88	43	342599	59.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	242943	52.144	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	239802m	51.236	ug/l	
77) Bromobenzene	11.24	156	224220	49.827	ug/l	98
78) n-propylbenzene	11.34	91	959405	52.101	ug/l	100
79) 2-Chlorotoluene	11.40	91	574132	50.958	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	719615	50.548	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	94079	49.224	ug/l	97
82) 4-Chlorotoluene	11.49	91	672438	49.749	ug/l	98
83) tert-Butylbenzene	11.76	119	697659	49.530	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	725485	49.471	ug/l	99
85) sec-Butylbenzene	11.93	105	794008	48.537	ug/l	99
86) p-Isopropyltoluene	12.05	119	755773	50.423	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391436	47.613	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	393780	47.361	ug/l	99
89) n-Butylbenzene	12.37	91	648053	50.420	ug/l	99
90) Hexachloroethane	12.58	117	147586	54.662	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	373012	46.999	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63075	57.096	ug/l	98

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	312387	58.615	ug/l	98
94) Hexachlorobutadiene	13.76	225	110389	45.902	ug/l	98
95) Naphthalene	13.82	128	948032	60.591	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	305895	57.554	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

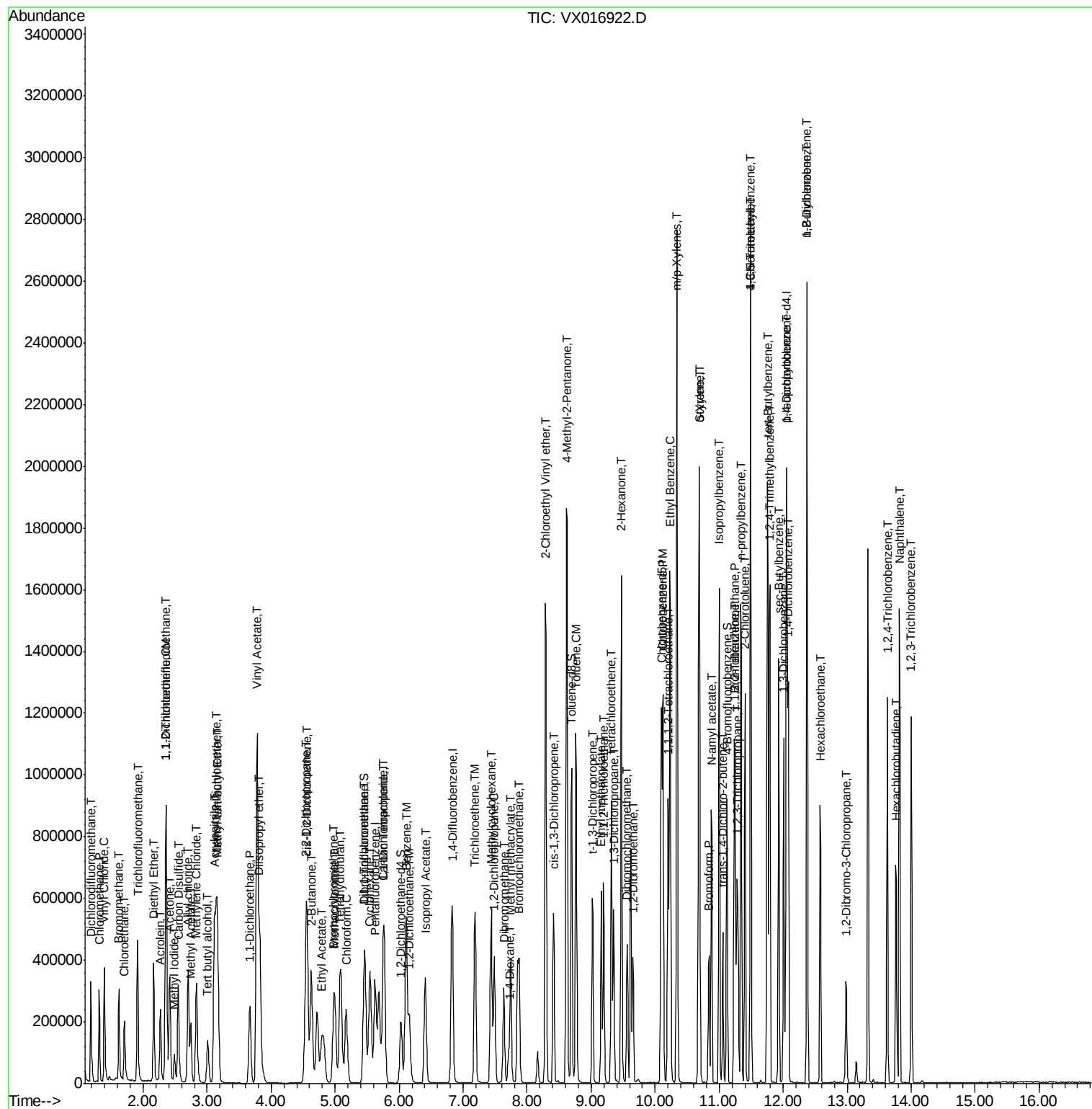
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 Data File : VX016922.D
 Acq On : 22 Jun 2020 15:50
 Operator : JC/SP
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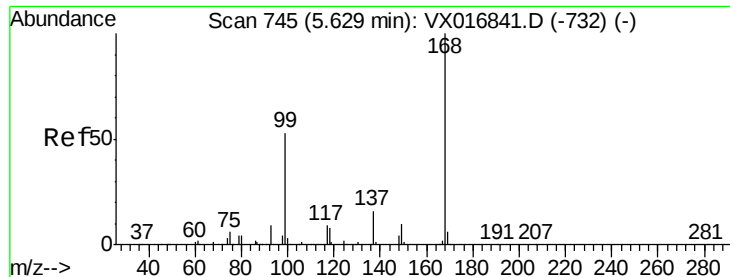
Instrument :
 MSVOA_X
 ClientSampleID :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 343913

Ion Ratio Lower Upper

168 100

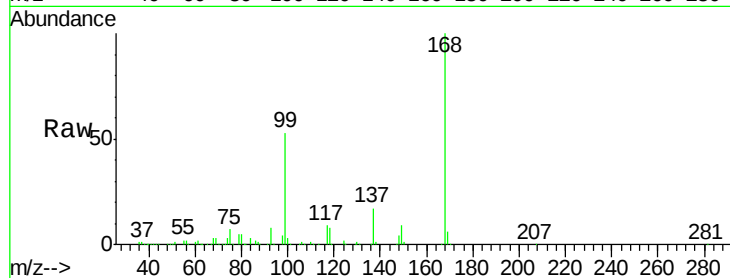
99 52.9 42.2 63.2

Manual Integrations

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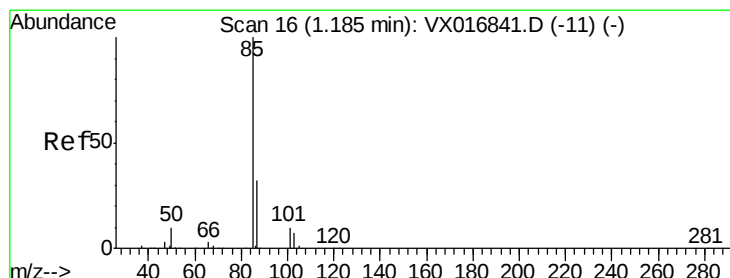
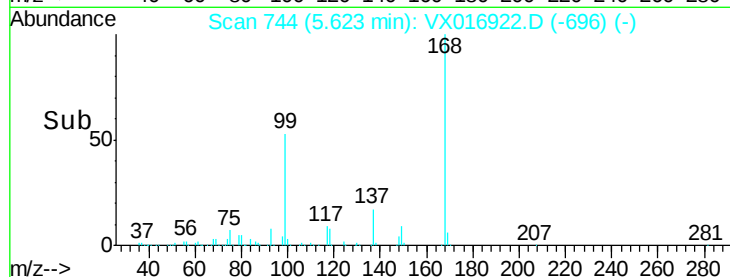
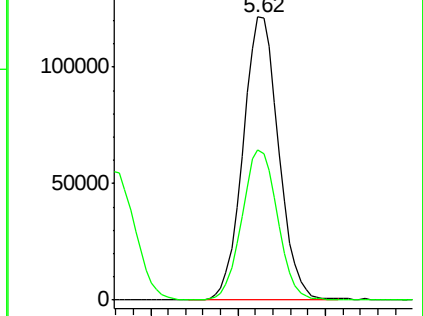
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.759 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016922.D

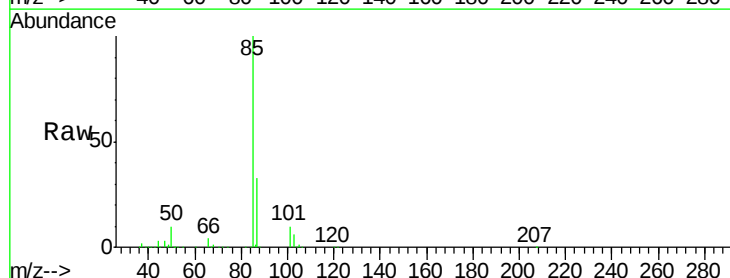
Acq: 22 Jun 2020 15:50

Tgt Ion: 85 Resp: 205791

Ion Ratio Lower Upper

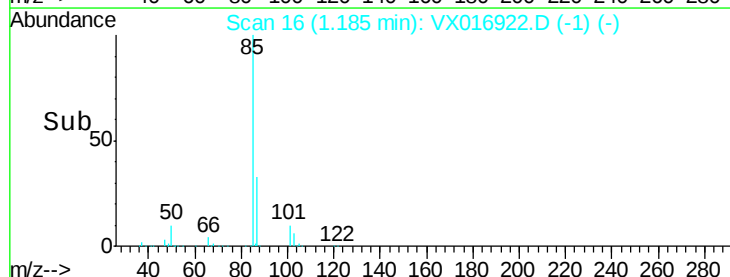
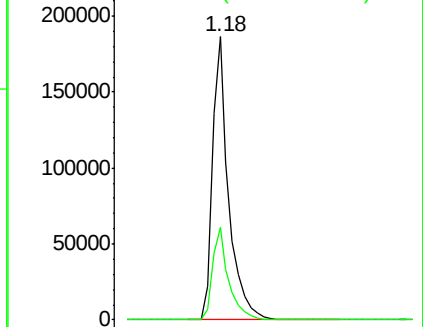
85 100

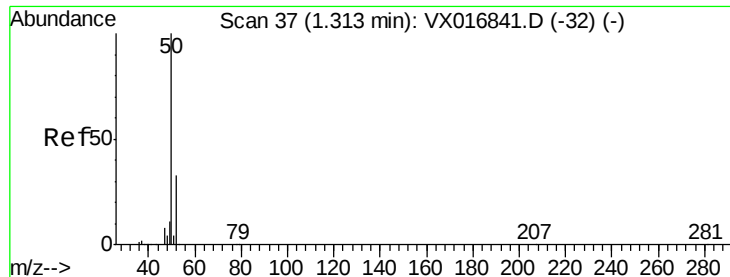
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.377 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 189913

Ion Ratio Lower Upper

50 100

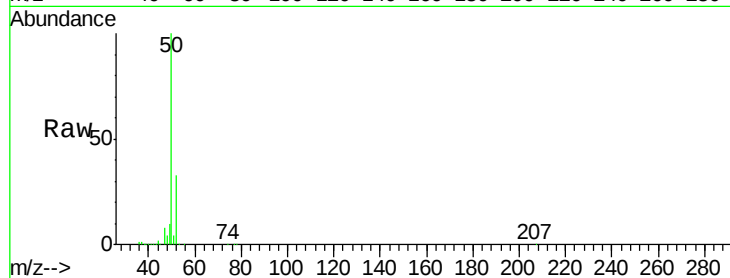
52 33.0 26.1 39.1

Manual Integrations

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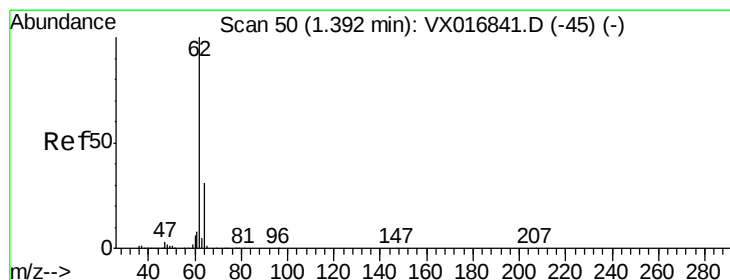
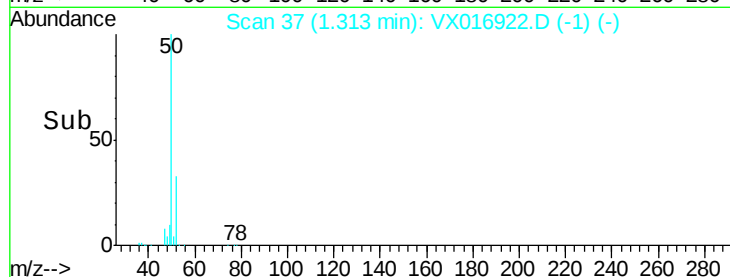
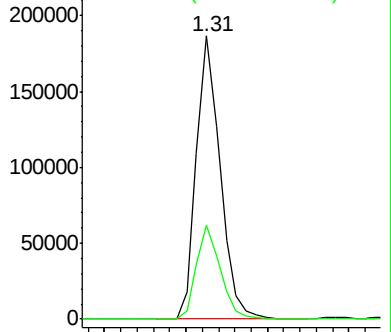
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.224 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016922.D

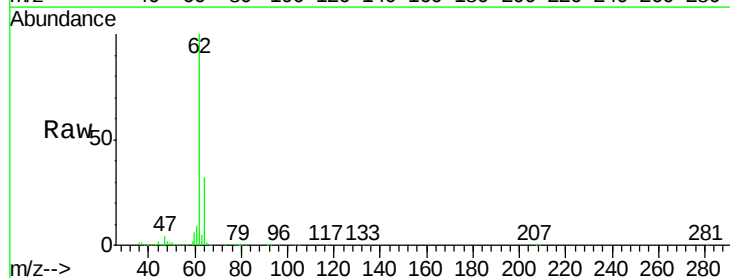
Acq: 22 Jun 2020 15:50

Tgt Ion: 62 Resp: 237423

Ion Ratio Lower Upper

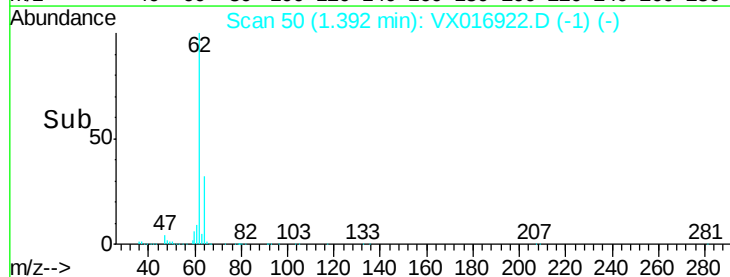
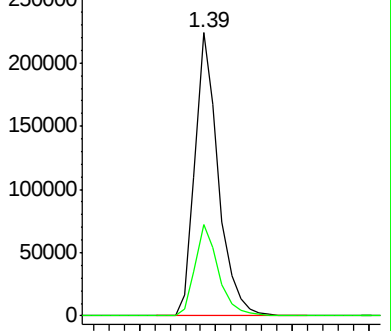
62 100

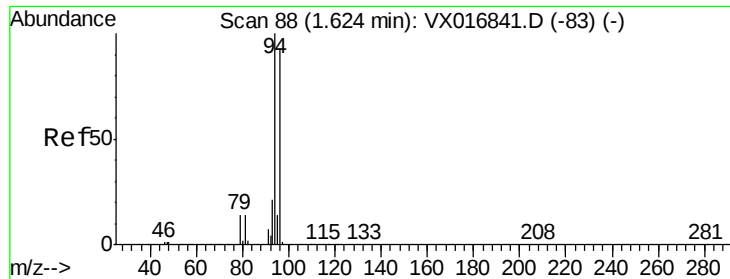
64 32.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.149 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016922.D

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Instrument :

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Tot Ion: 94 Resp: 119506

Ion Ratio Lower Upper

94 100

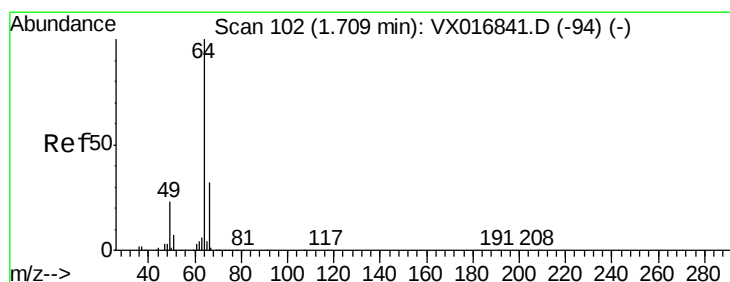
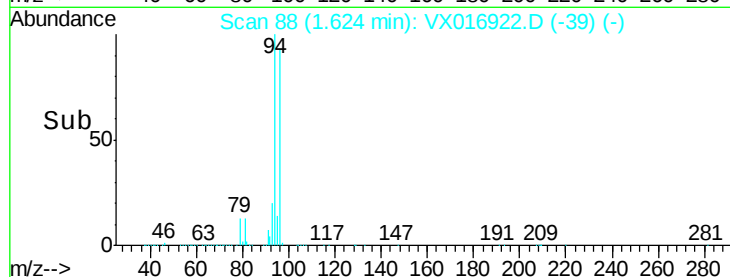
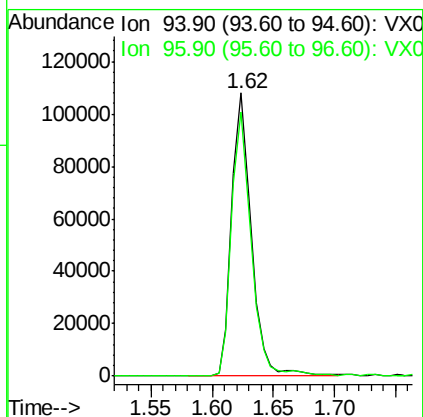
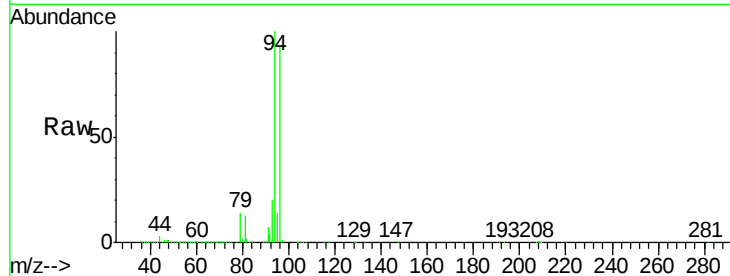
96 93.3 74.4 111.6

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6/23/2020 11:03:05 AM



#6

Chloroethane

Concen: 47.112 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016922.D

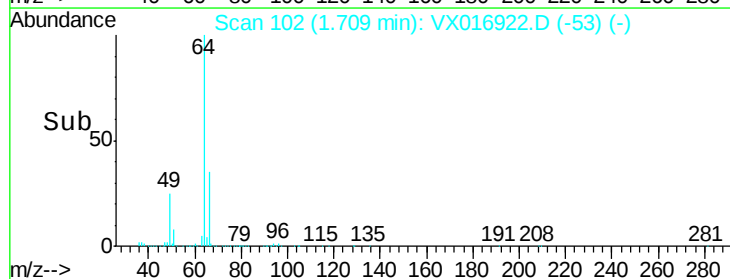
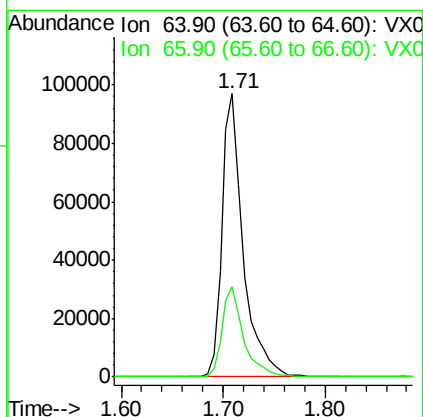
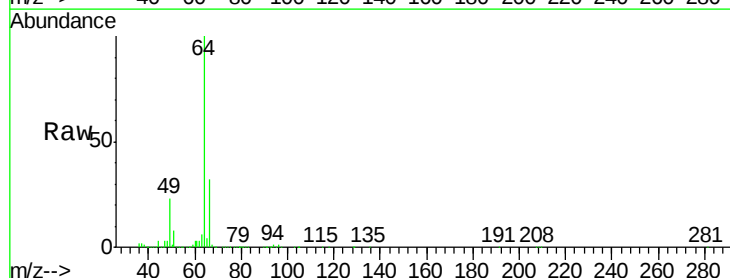
Acq: 22 Jun 2020 15:50

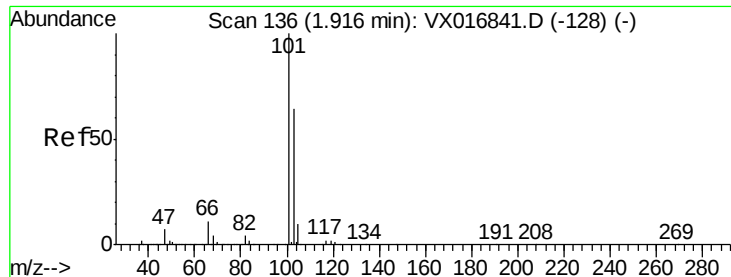
Tgt Ion: 64 Resp: 139952

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5





#7

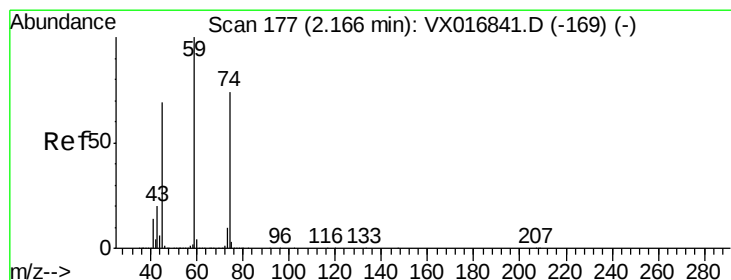
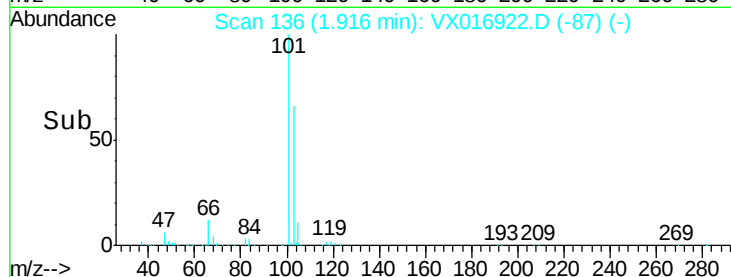
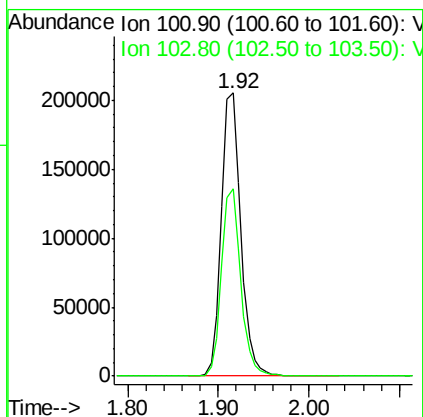
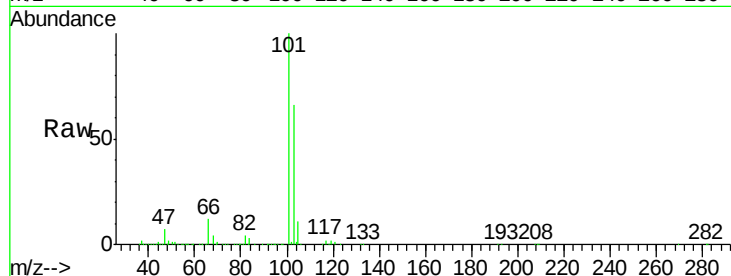
Trichlorofluoromethane
Concen: 45.884 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016922.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.2	76.8

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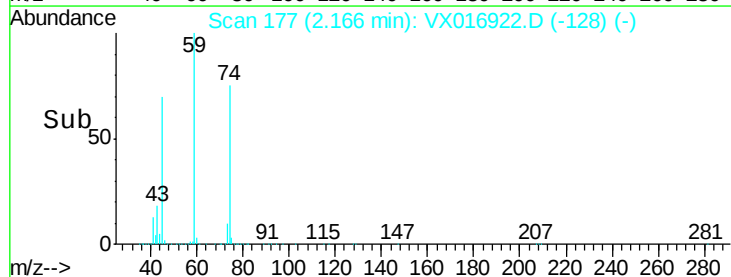
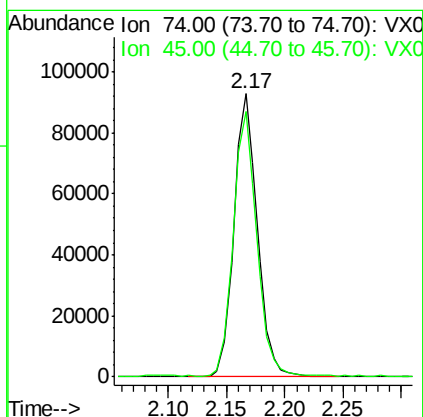
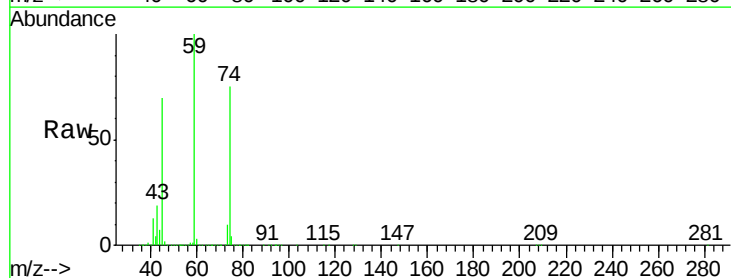
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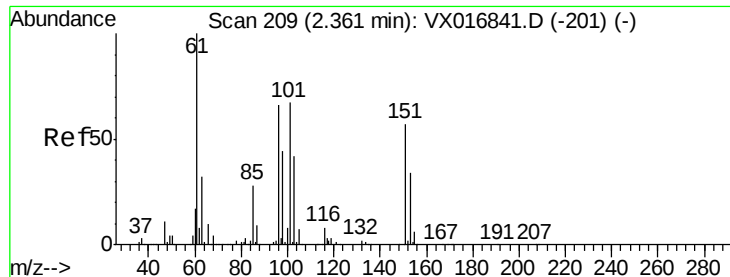


#8

Diethyl Ether
Concen: 49.684 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.924 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

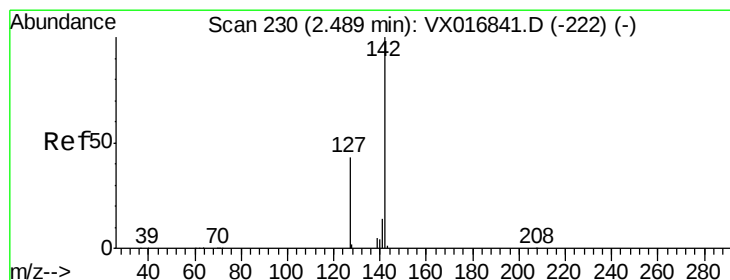
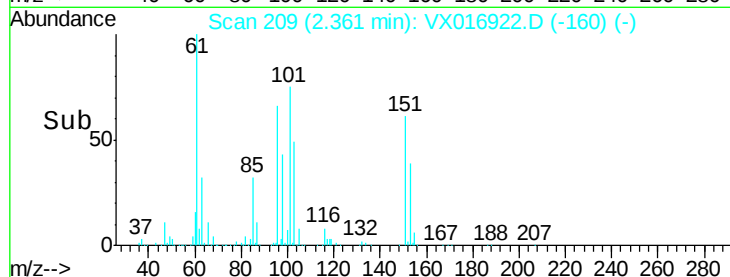
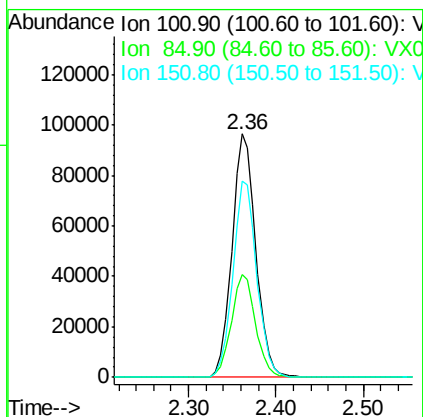
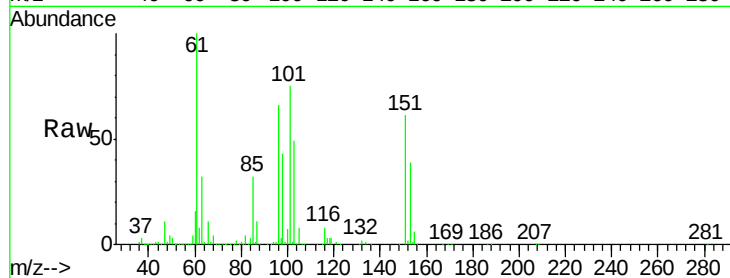
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	183026
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.3	51.5
151	81.1	67.6	101.4

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#10

Methyl Iodide

Concen: 29.530 ug/l

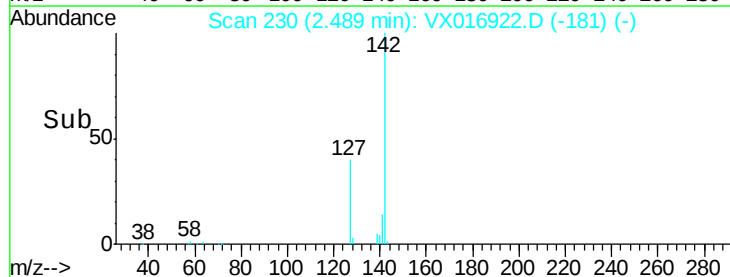
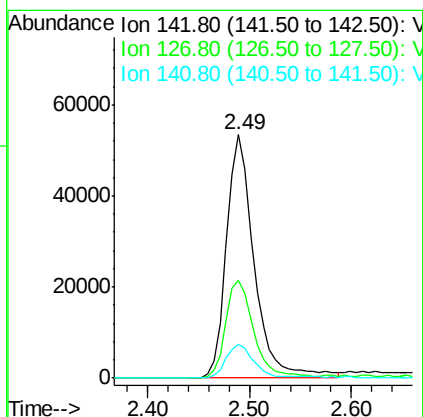
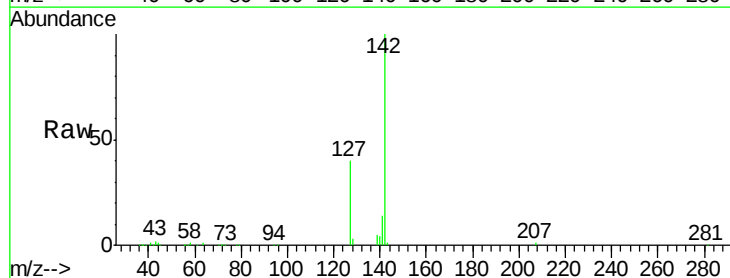
RT: 2.49 min Scan# 230

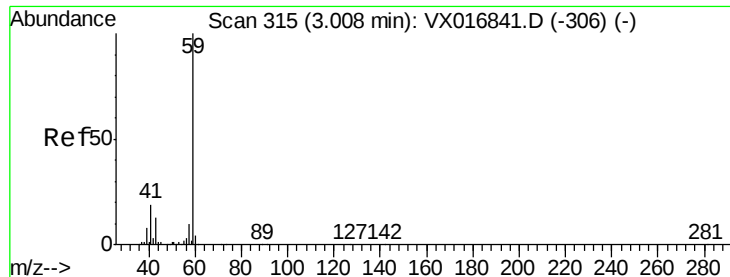
Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	142	Resp:	101040
Ion Ratio	Lower	Upper	
142	100		
127	40.7	35.1	52.7
141	13.8	11.6	17.4





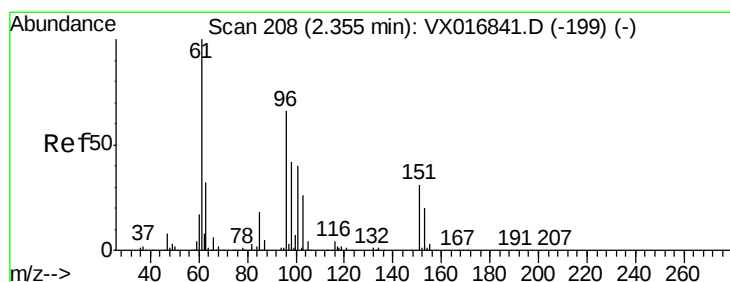
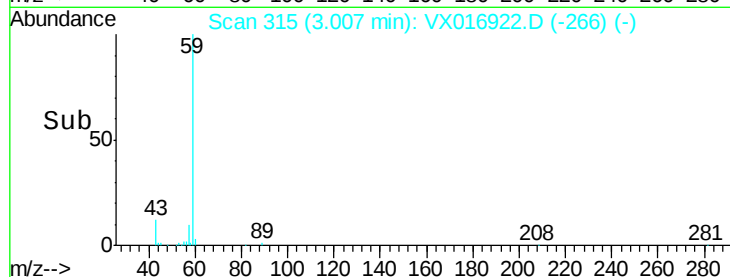
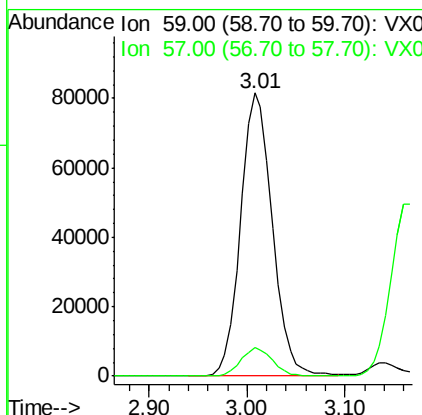
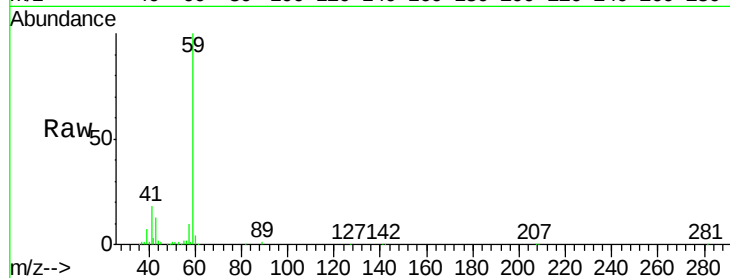
#11
Tert butyl alcohol
Concen: 262.929 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

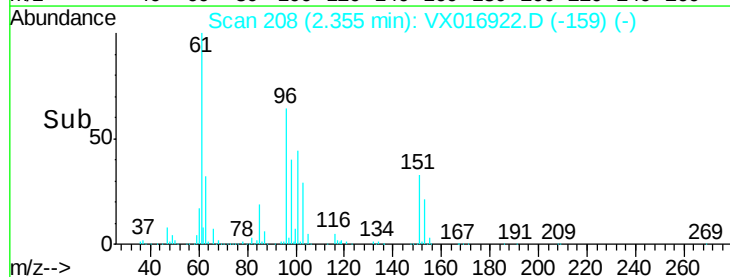
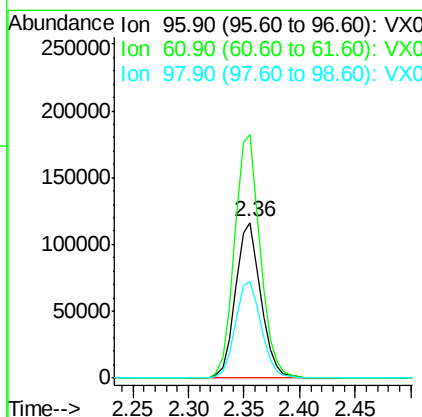
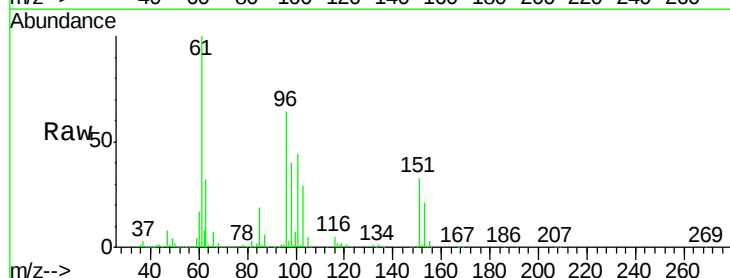
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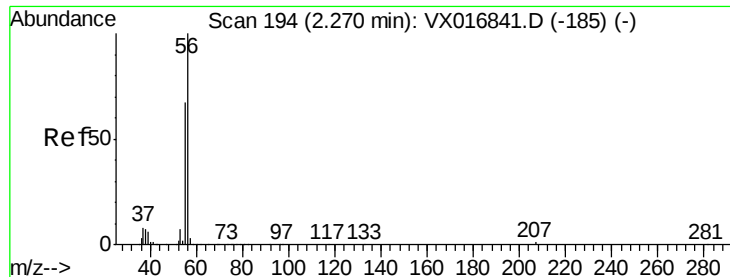
MMDadoda
6/23/2020 11:03:05 AM



#12
1,1-Dichloroethene
Concen: 49.609 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.8	121.7	182.5
98	62.4	51.1	76.7





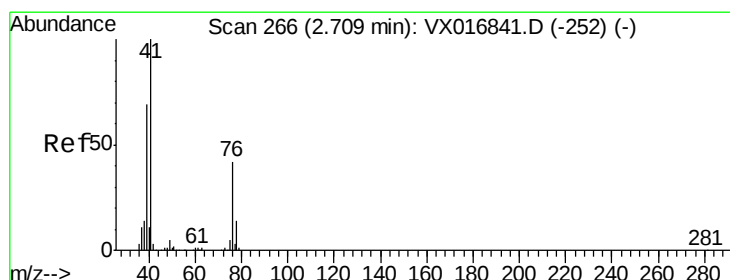
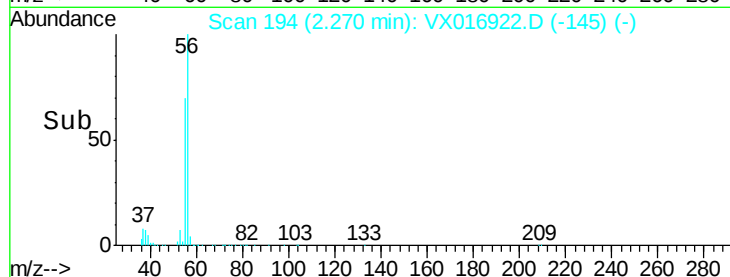
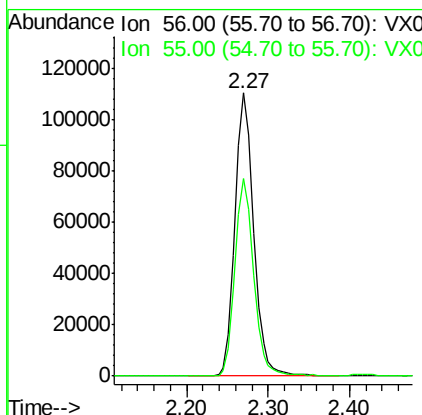
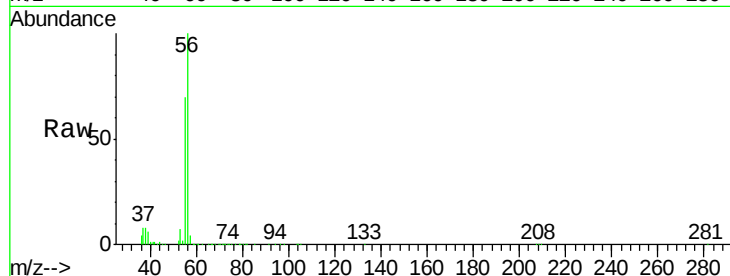
#13
Acrolein
Concen: 408.071 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.8	55.7	83.5

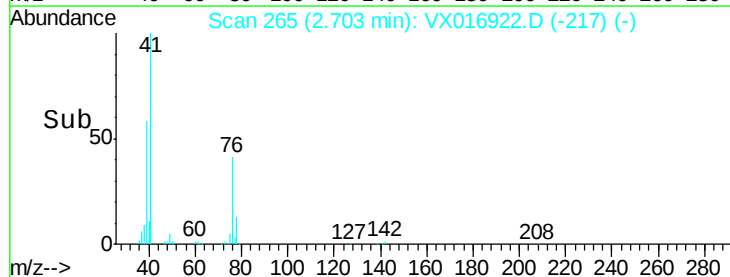
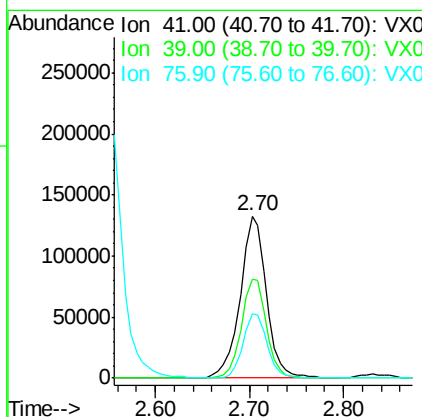
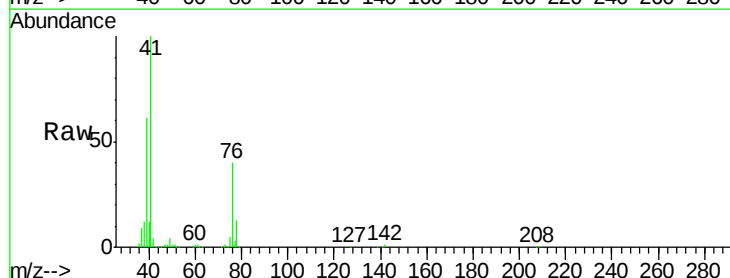
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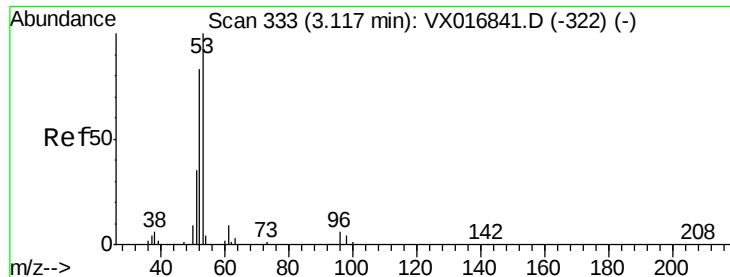
MMDadoda
6/23/2020 11:03:05 AM



#14
Allyl chloride
Concen: 52.949 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	58.7	50.7	76.1
76	76	36.9	30.9	46.3





#15

Acrylonitrile

Concen: 271.678 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

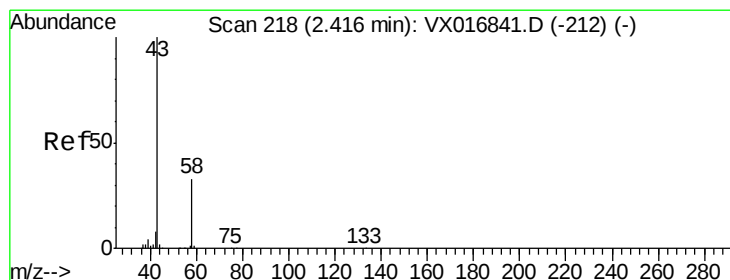
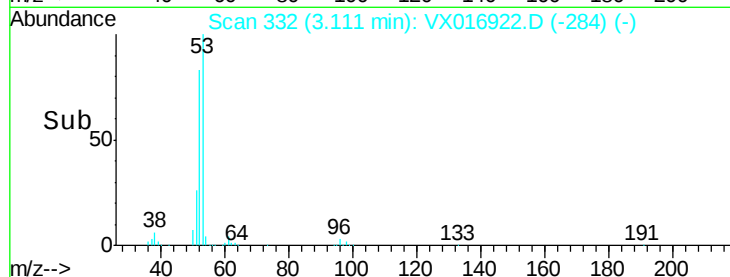
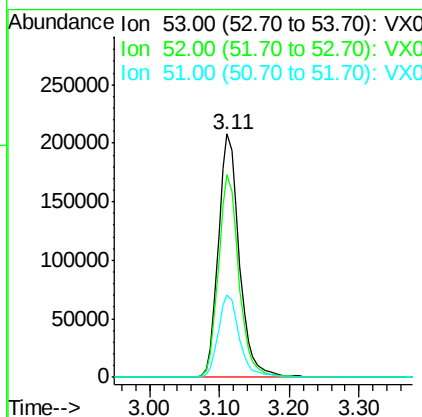
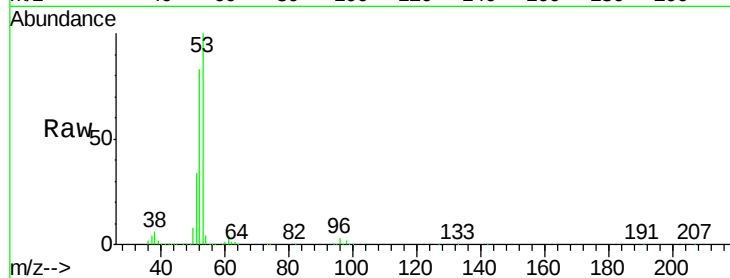
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	435319
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.2	99.2
51	34.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 243.939 ug/l

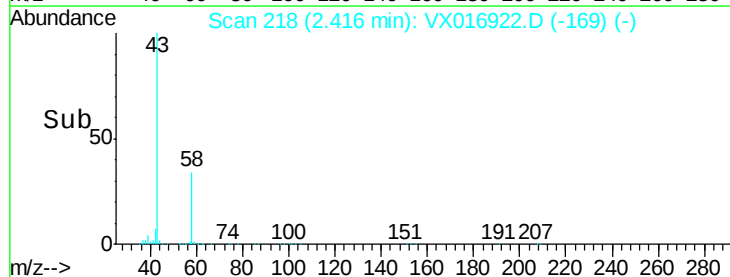
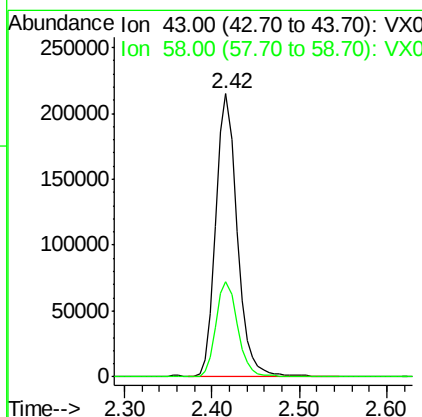
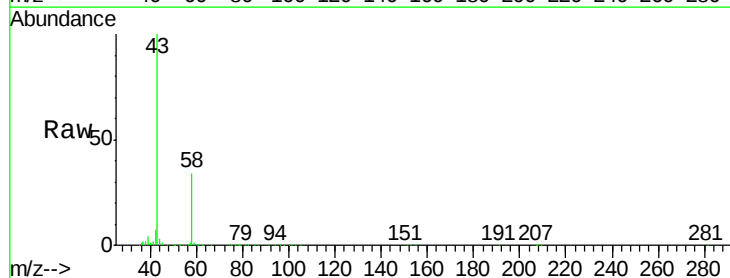
RT: 2.42 min Scan# 218

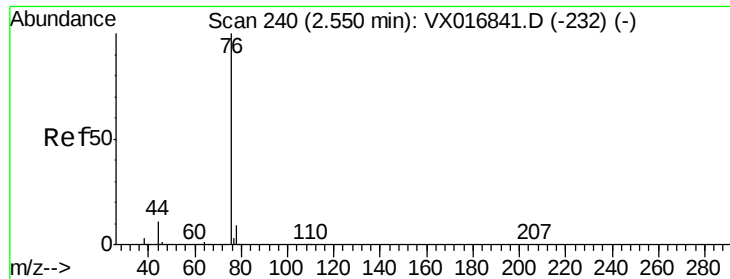
Delta R.T. 0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	43	Resp:	366275
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.6	39.8





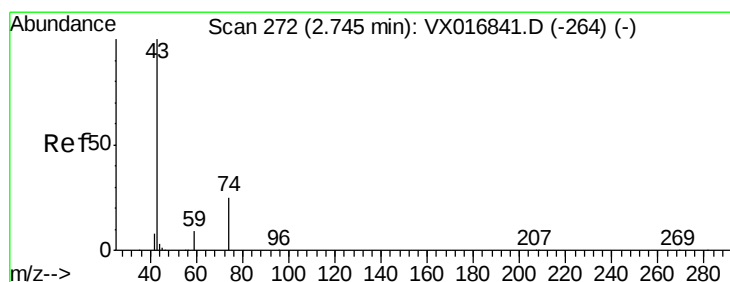
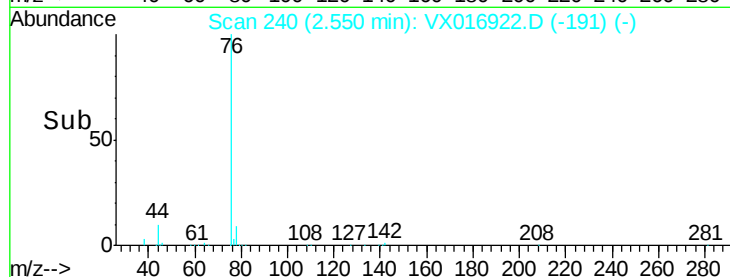
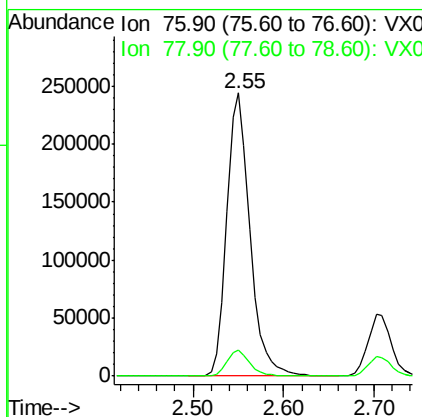
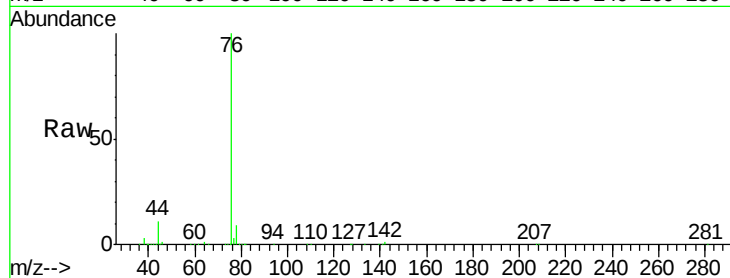
#17
Carbon Disulfide
Concen: 45.634 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

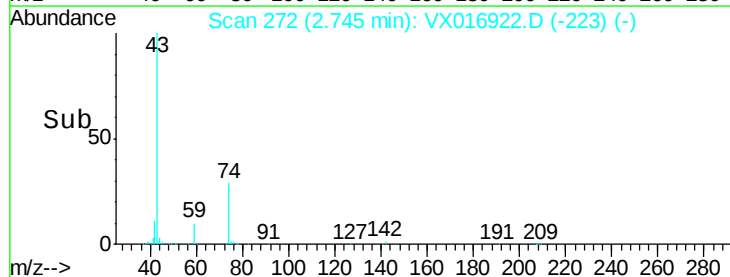
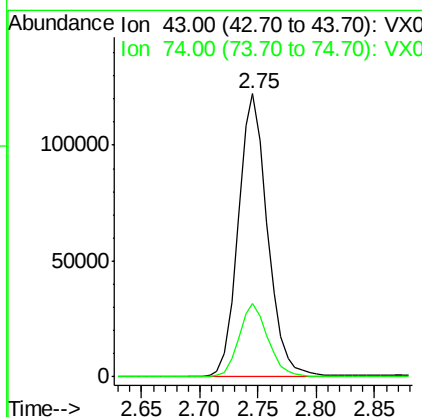
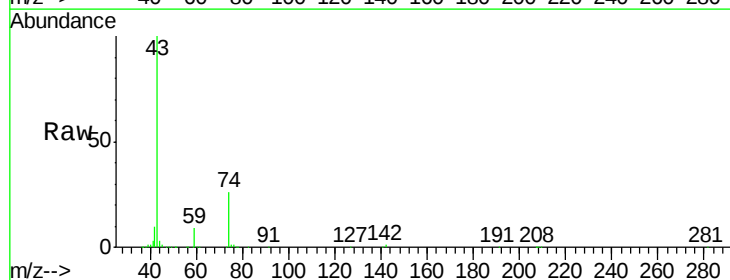
Manual Integrations
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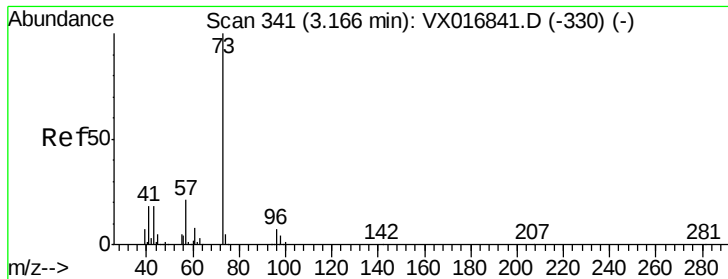
MMDadoda
6/23/2020 11:03:05 AM



#18
Methyl Acetate
Concen: 55.939 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	21.8	32.8





#19

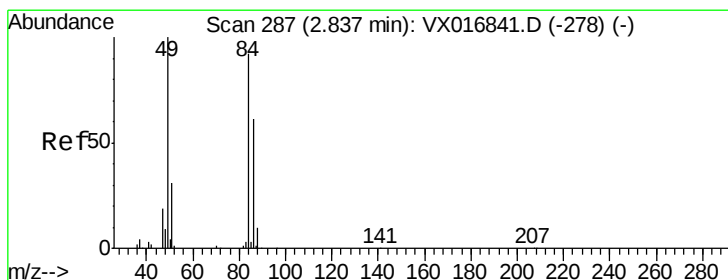
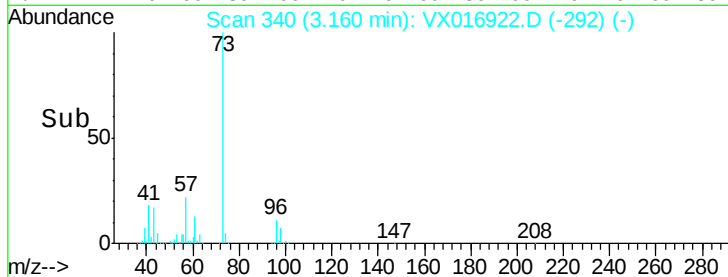
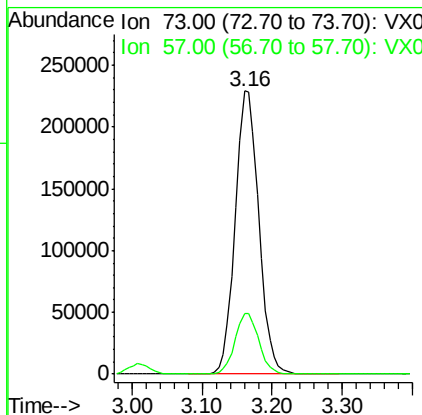
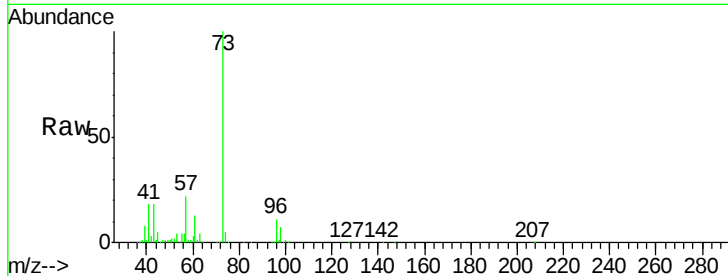
Methyl tert-butyl Ether
 Concen: 51.315 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.9	25.3

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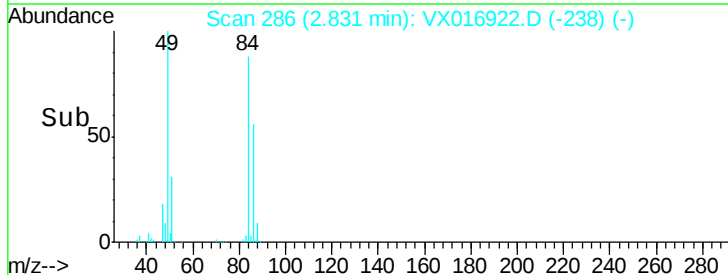
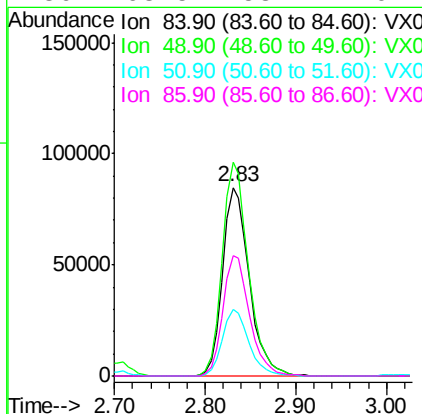
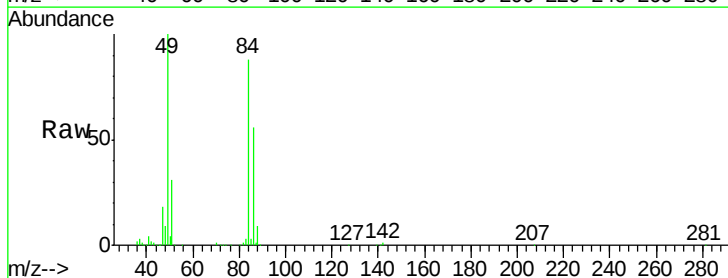
MMDadoda
 6/23/2020 11:03:05 AM

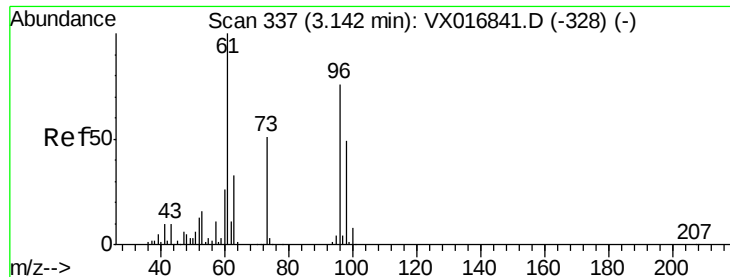


#20

Methylene Chloride
 Concen: 48.036 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.1	86.6	129.8
51	35.3	27.1	40.7
86	63.5	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 48.633 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

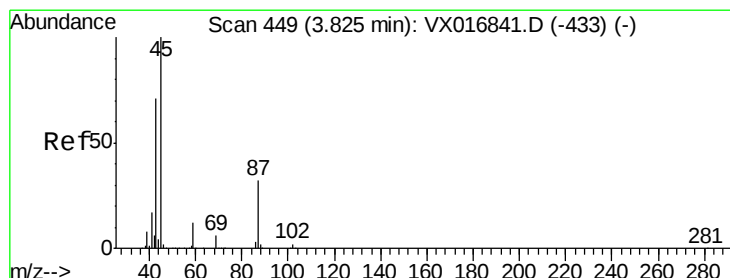
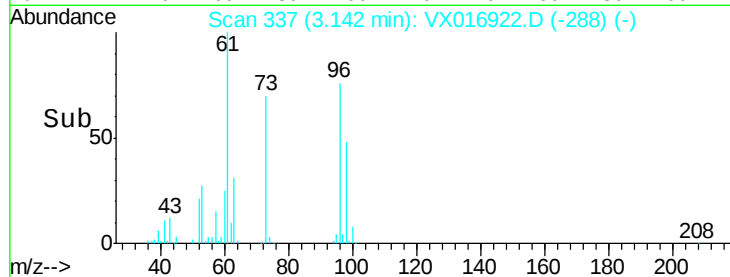
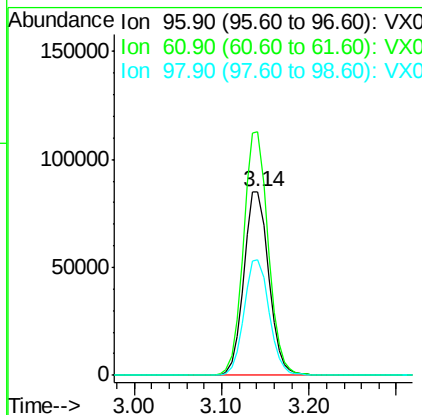
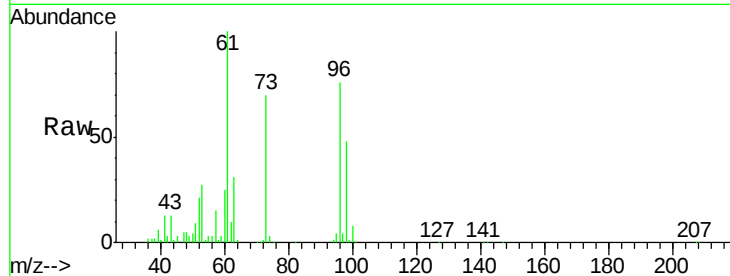
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	168717
Ion Ratio	Lower	Upper	
96	100		
61	132.4	105.4	158.0
98	63.1	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.846 ug/l

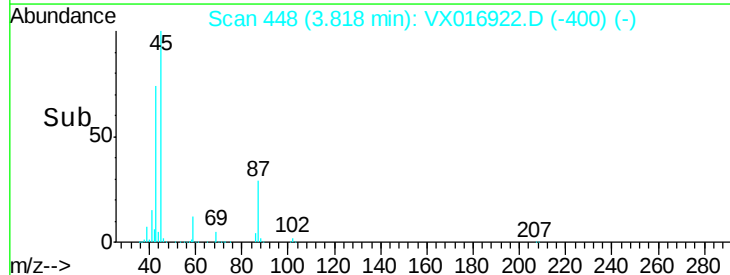
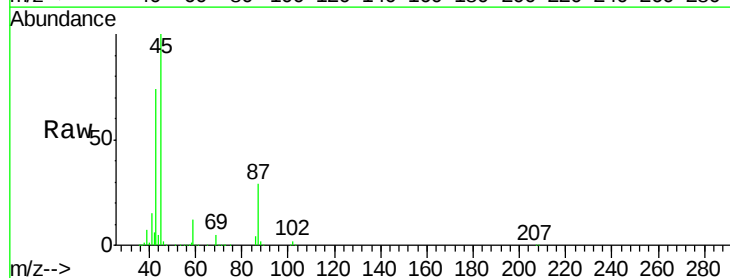
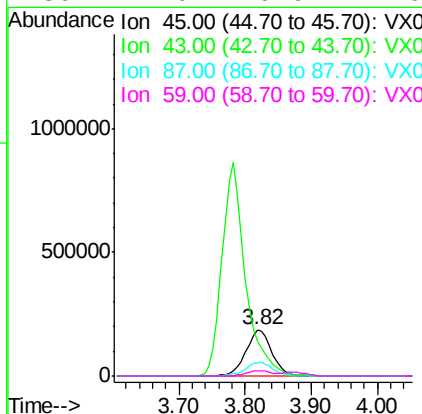
RT: 3.82 min Scan# 448

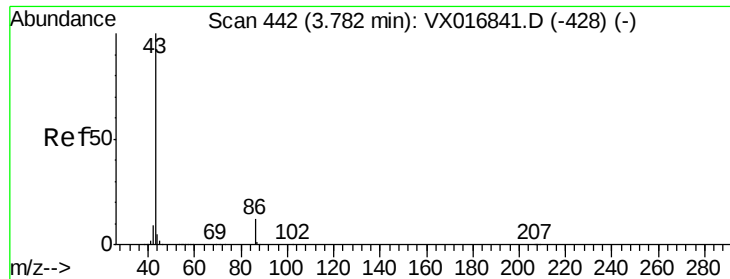
Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	45	Resp:	510834
Ion Ratio	Lower	Upper	
45	100		
43	73.9	57.0	85.4
87	28.7	25.2	37.8
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 277.378 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2130339

Ion Ratio Lower Upper

43 100

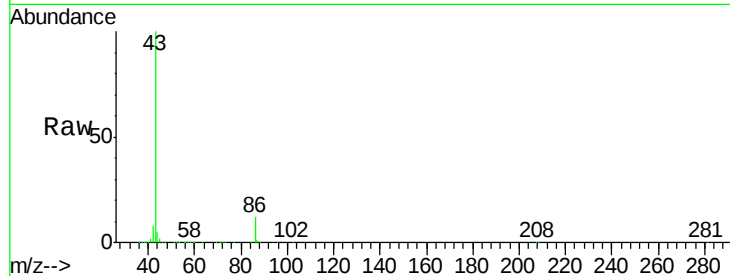
86 11.8 9.9 14.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

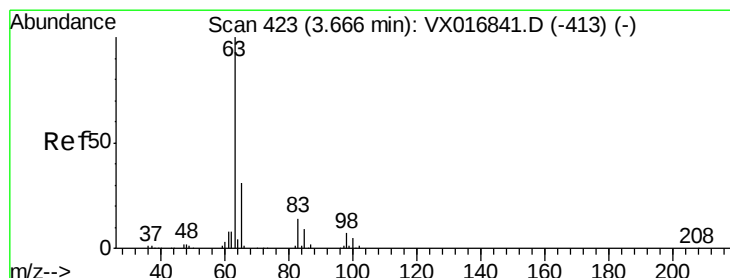
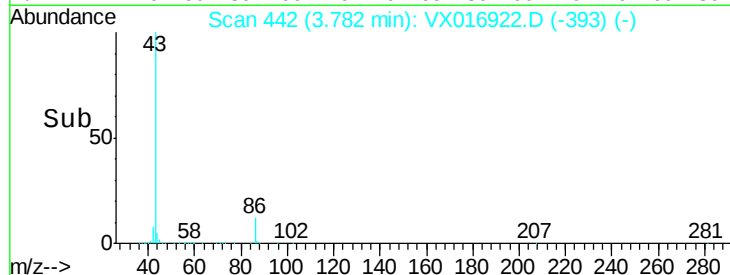
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.354 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

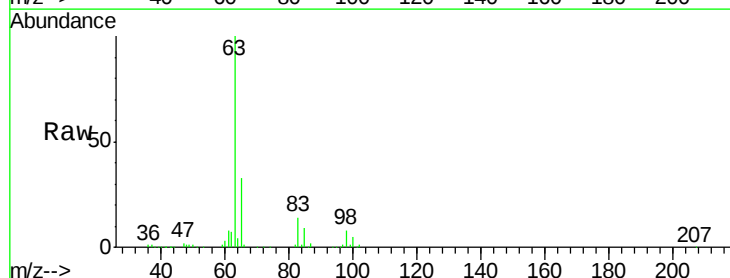
Tgt Ion: 63 Resp: 292957

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

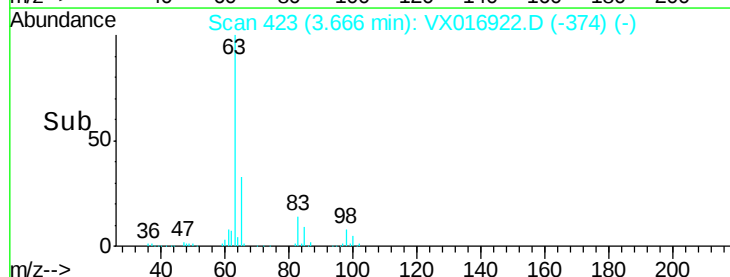
100000

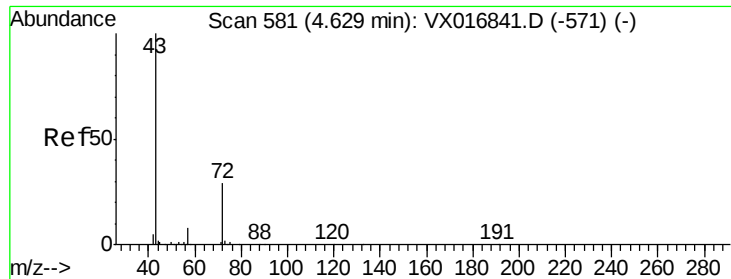
50000

0

3.50 3.60 3.70 3.80

Time-->





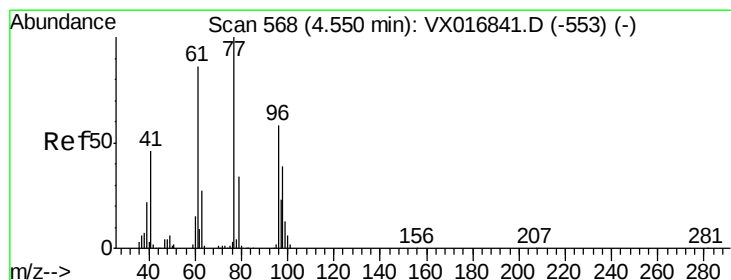
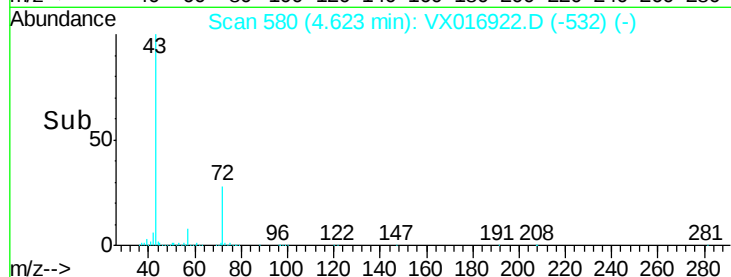
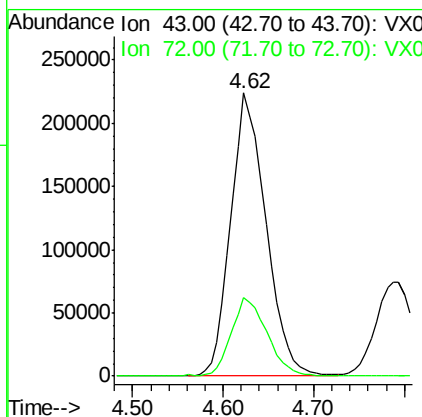
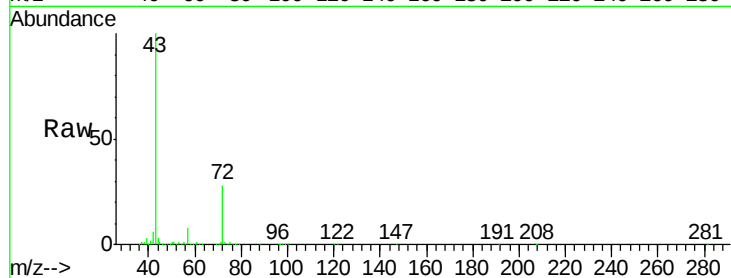
#25
2-Butanone
Concen: 292.233 ug/l
RT: 4.62 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 603884
Ion Ratio Lower Upper
43 100
72 27.7 23.5 35.3

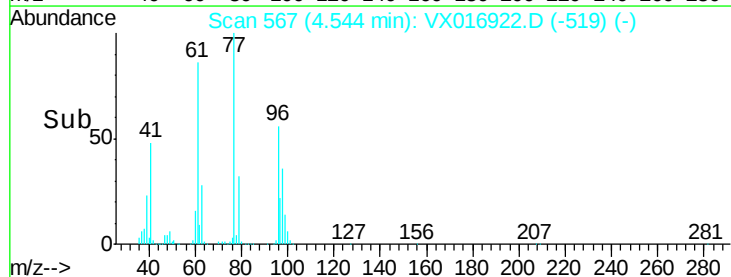
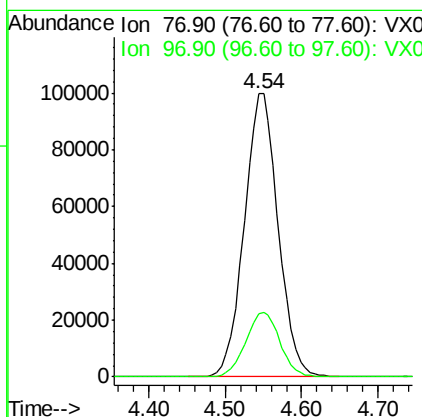
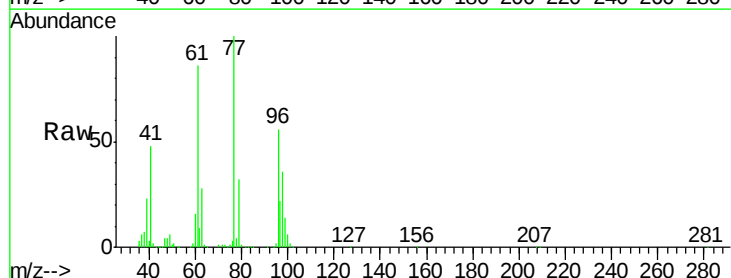
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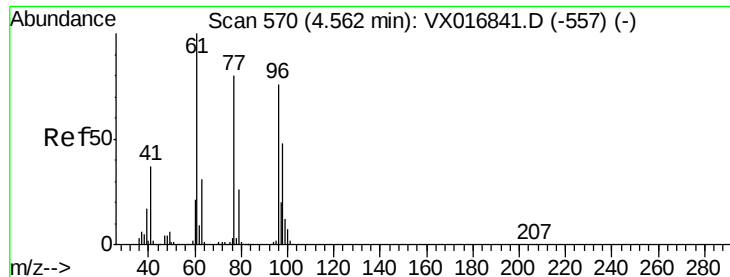
MMDadoda
6/23/2020 11:03:05 AM



#26
2,2-Dichloropropane
Concen: 56.287 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 77 Resp: 306807
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27

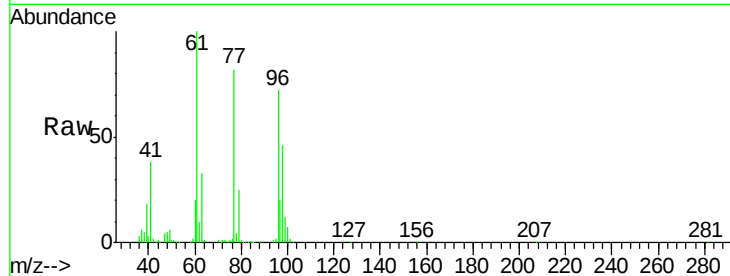
cis-1,2-Dichloroethene
 Concen: 57.163 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

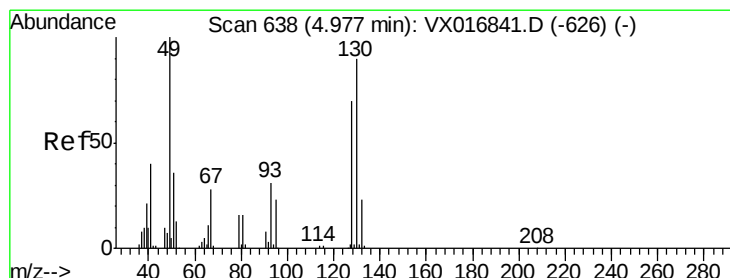
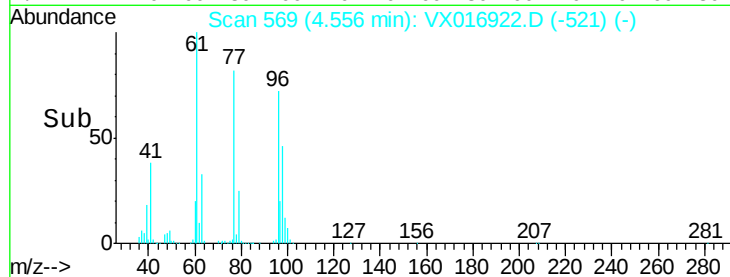
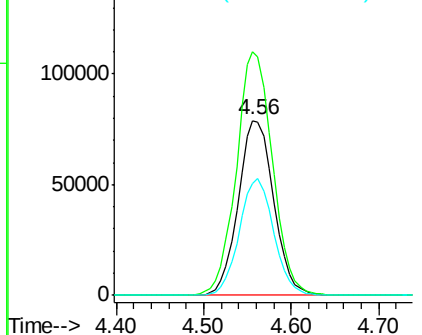
Tot Ion	Ratio	Resp	Lower	Upper
96	100	222891		
61	142.0	0.0	273.8	
98	65.0	0.0	129.0	

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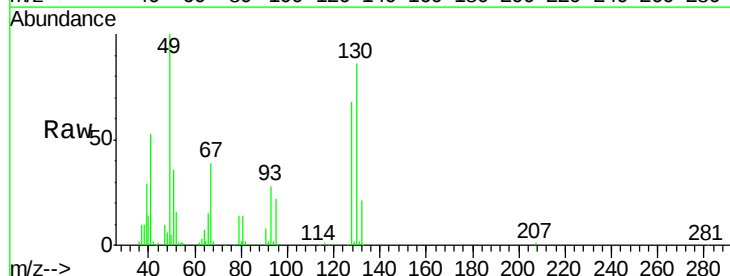
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



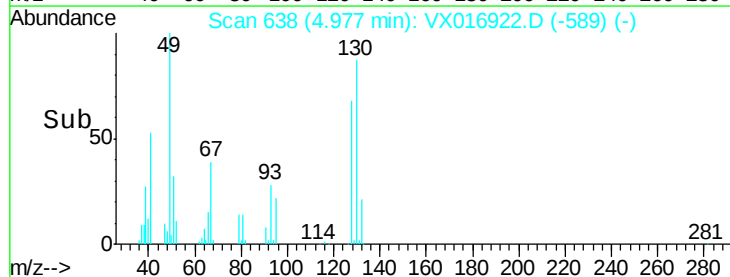
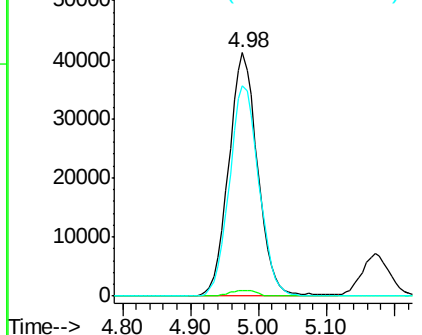
#28

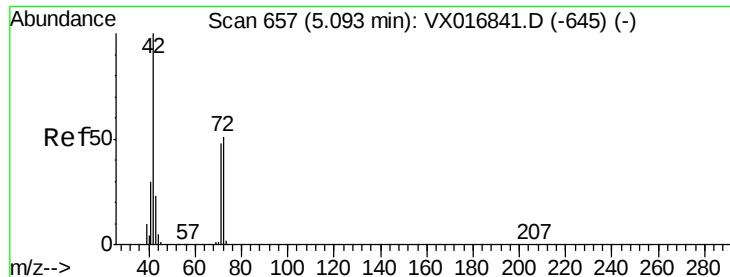
Bromochloromethane
 Concen: 50.347 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121574		
129	2.1	0.0	5.0	
130	88.1	76.8	115.2	



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





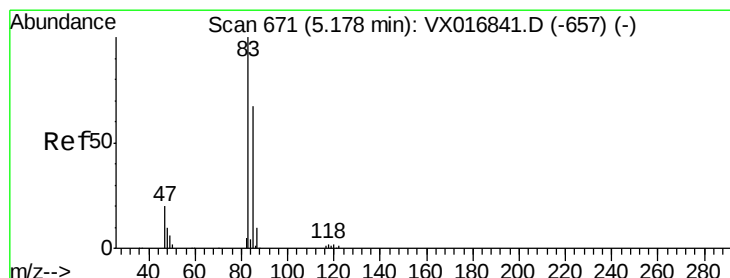
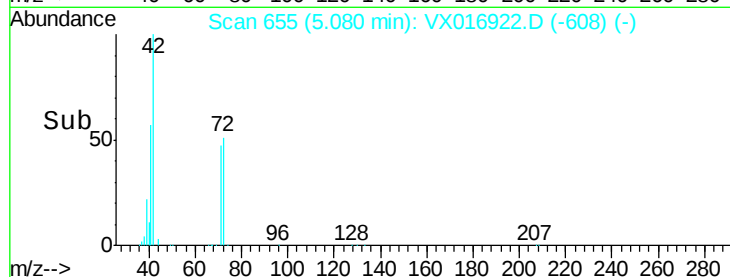
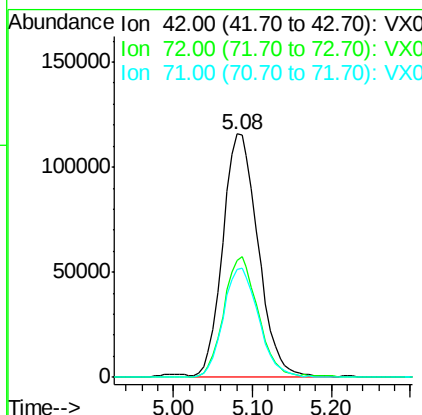
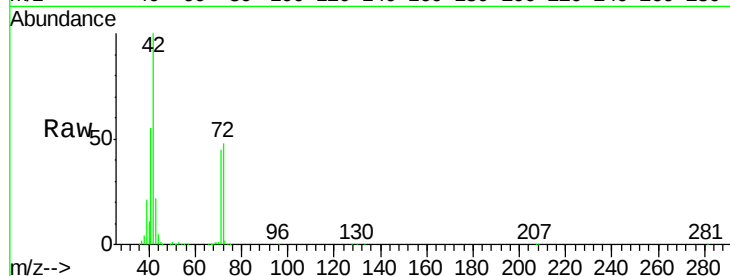
#29
Tetrahydrofuran
Concen: 275.944 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	41.1	61.7
71	45.3	38.4	57.6

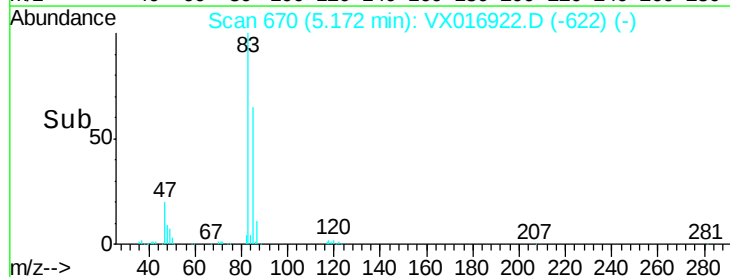
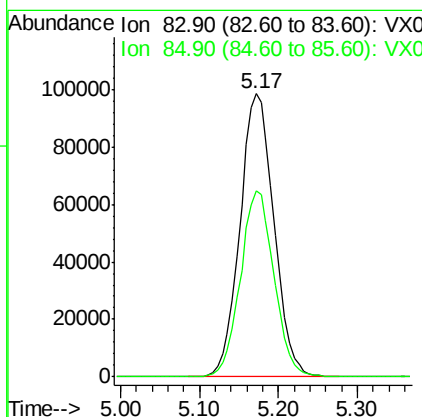
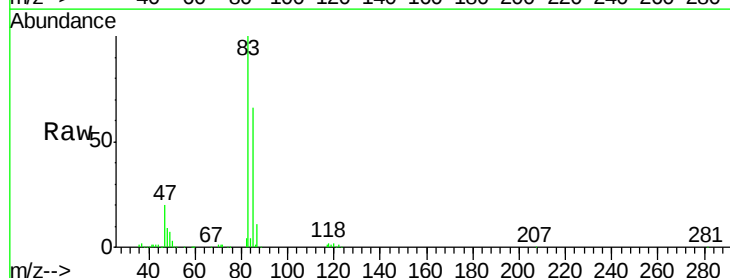
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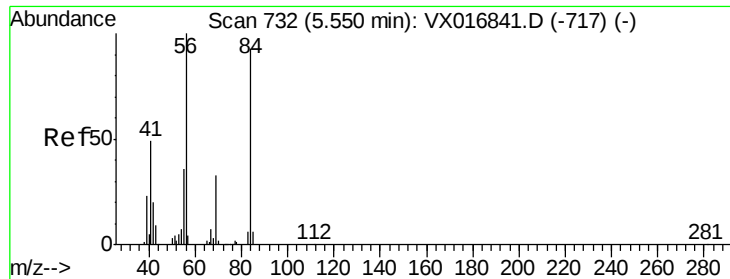
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#30
Chloroform
Concen: 47.972 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	53.4	80.0





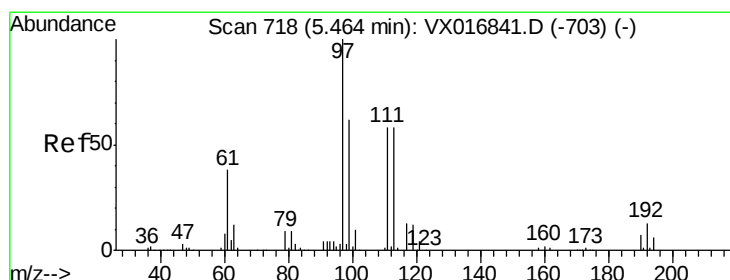
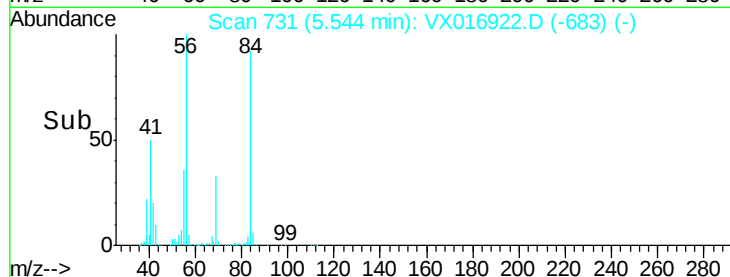
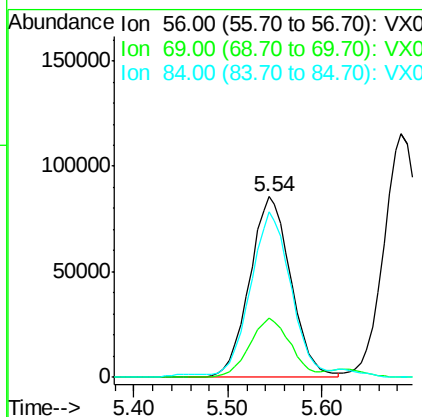
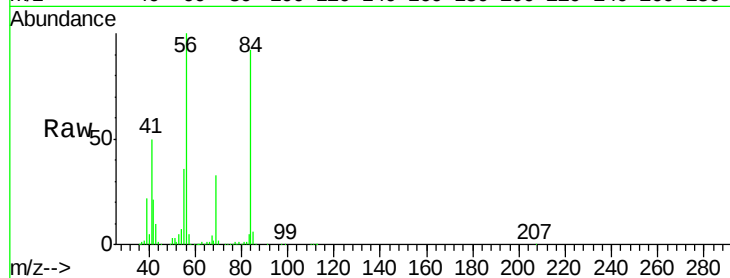
#31
Cyclohexane
Concen: 51.257 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.1	39.1
84	90.1	73.0	109.6

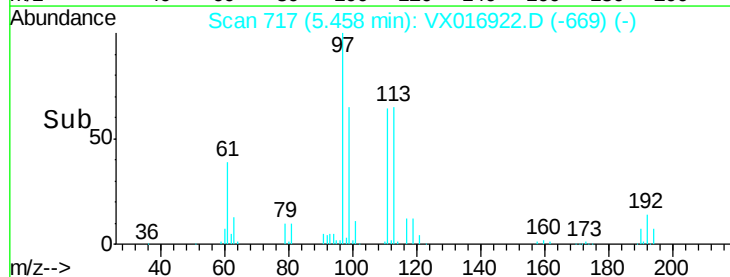
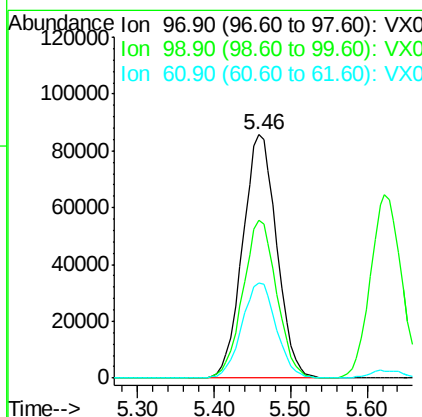
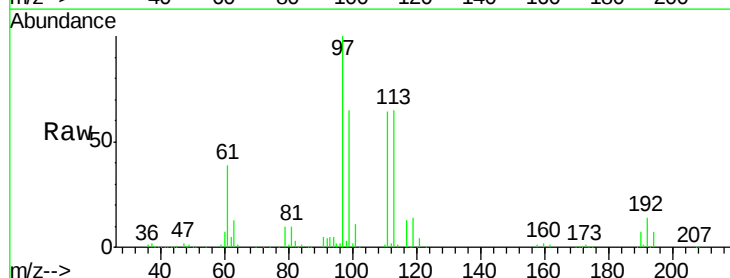
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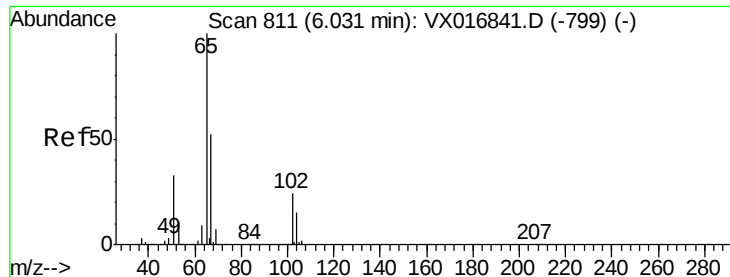
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 45.627 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	39.5	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 44.981 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 186050

Ion Ratio Lower Upper

65 100

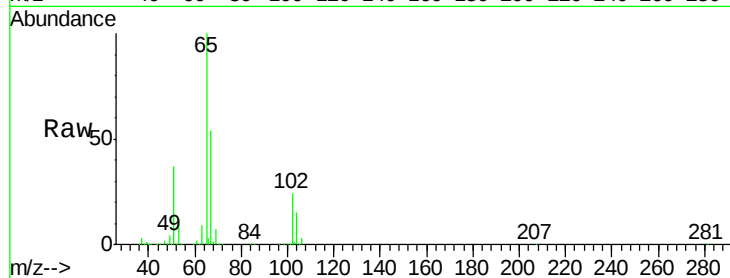
67 54.0 0.0 102.6

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

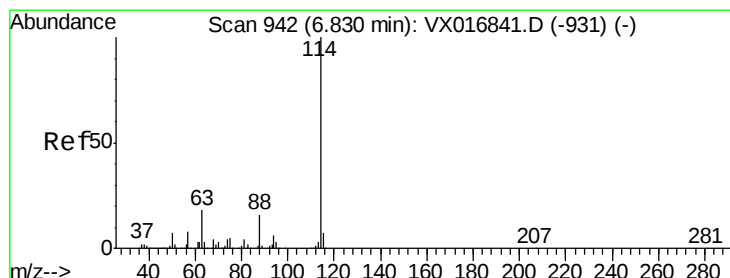
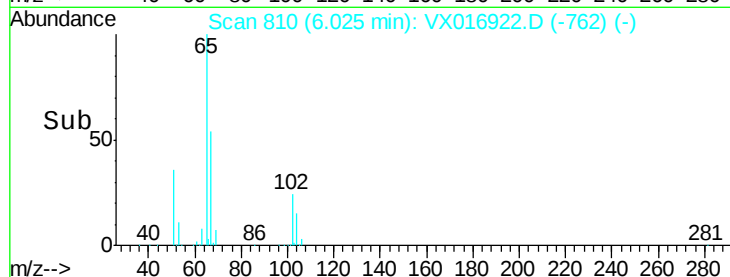
60000

40000

20000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

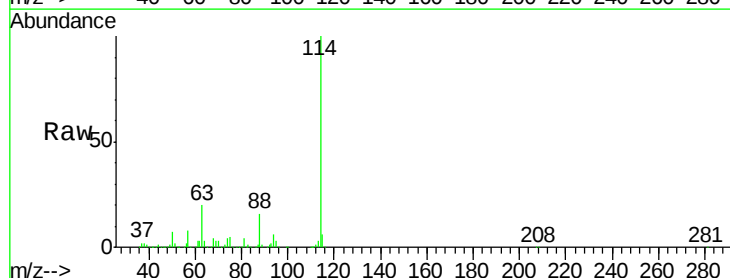
Tgt Ion: 114 Resp: 614674

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

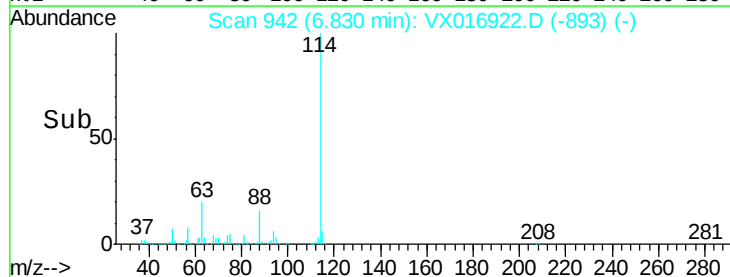
300000

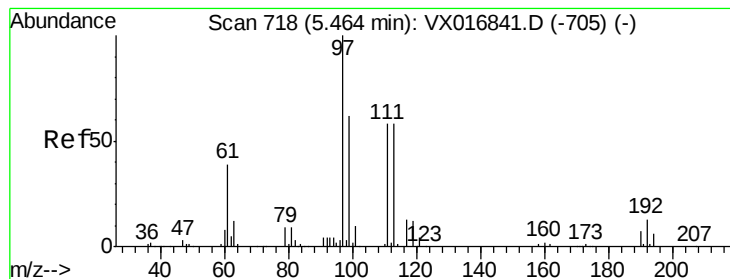
200000

100000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 40.758 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

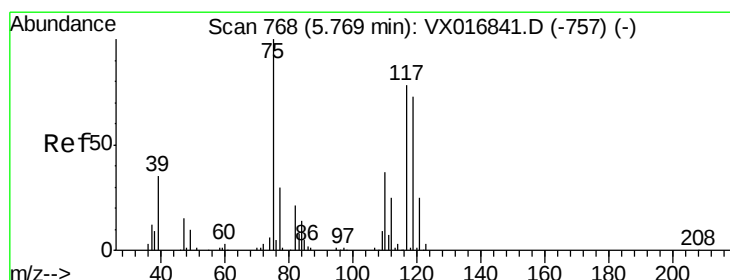
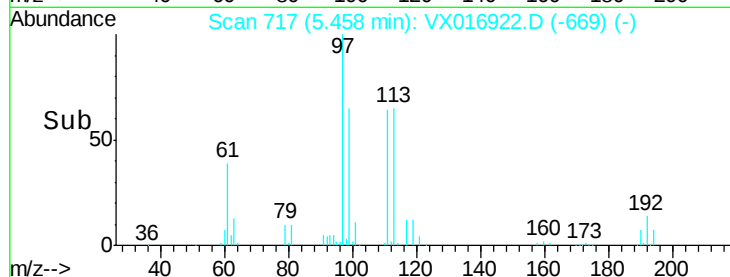
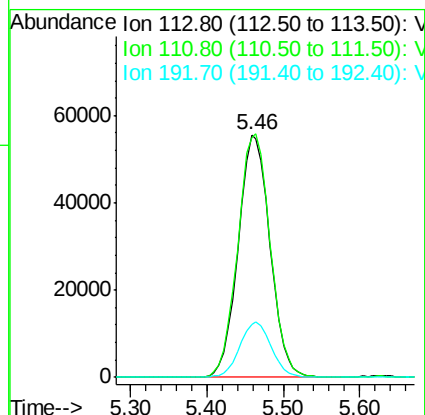
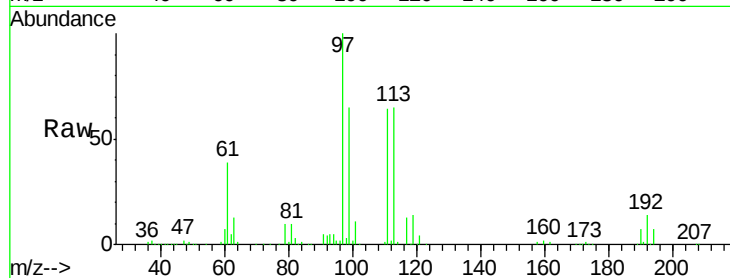
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	160263
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.0	121.4
192	22.6	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 39.857 ug/l

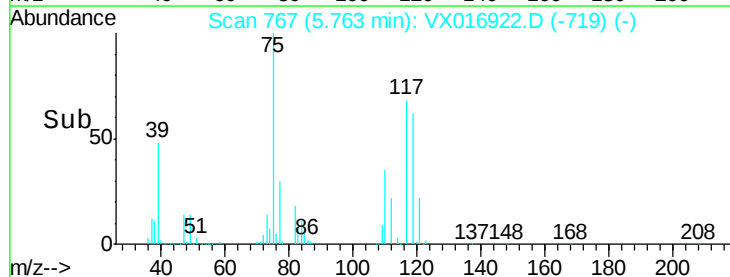
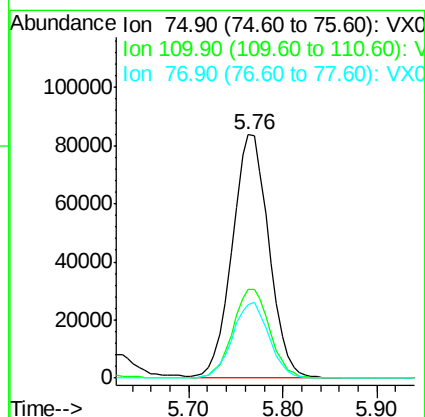
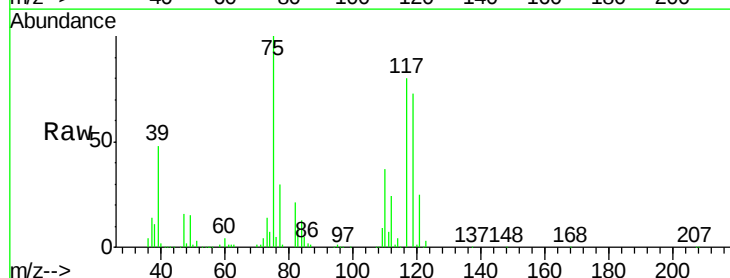
RT: 5.76 min Scan# 767

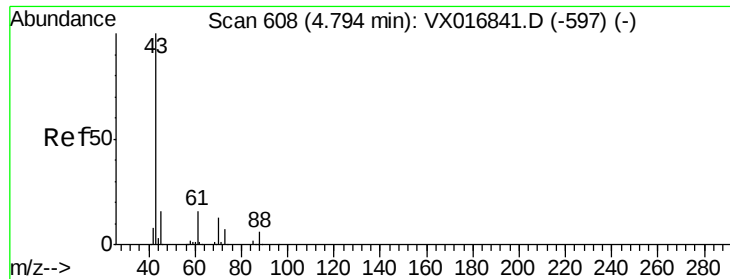
Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	75	Resp:	226207
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.9	56.9
77	31.6	25.6	38.4





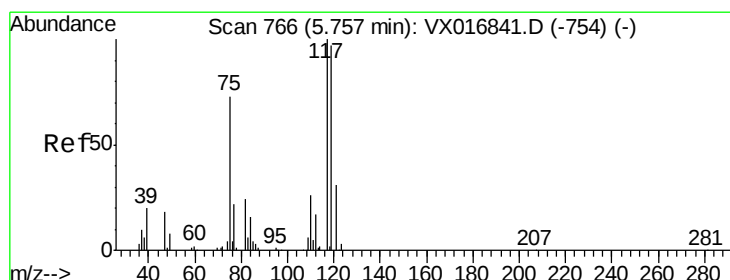
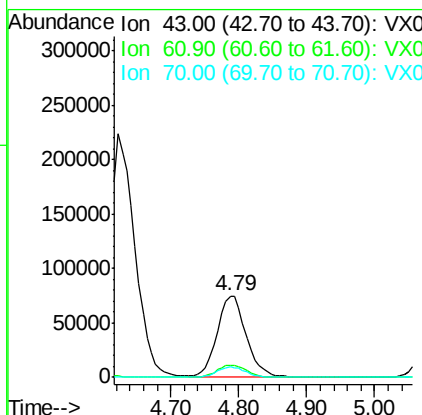
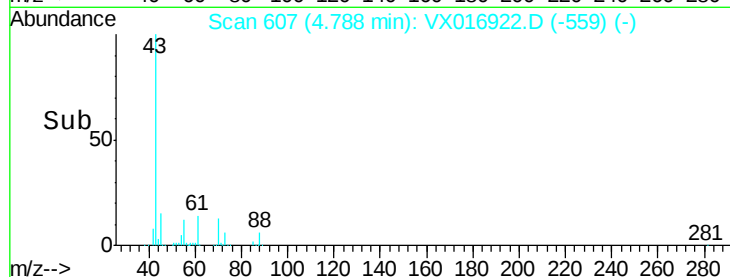
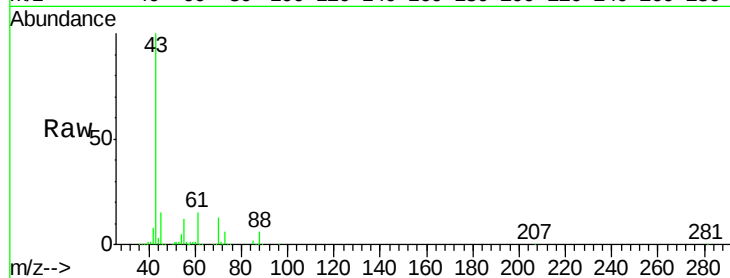
#37
Ethyl Acetate
Concen: 44.220 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.2
70	12.7	10.5	15.7

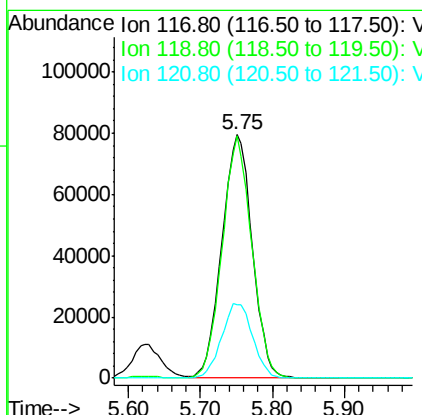
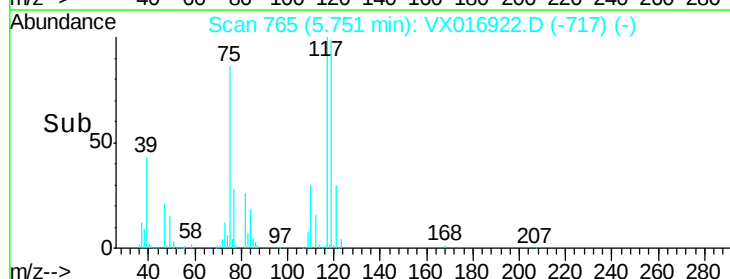
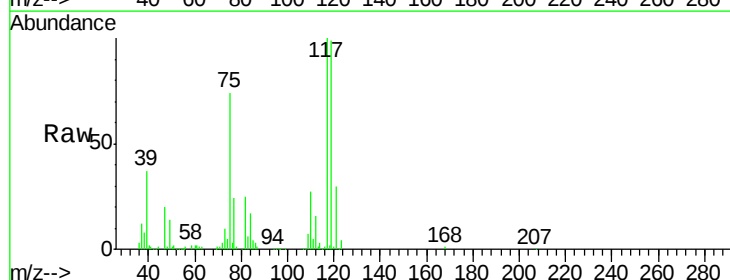
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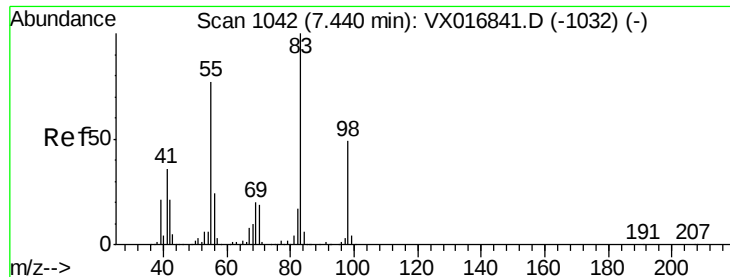
MMDadoda
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#38
Carbon Tetrachloride
Concen: 36.531 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.4	116.2
121	30.2	24.7	37.1





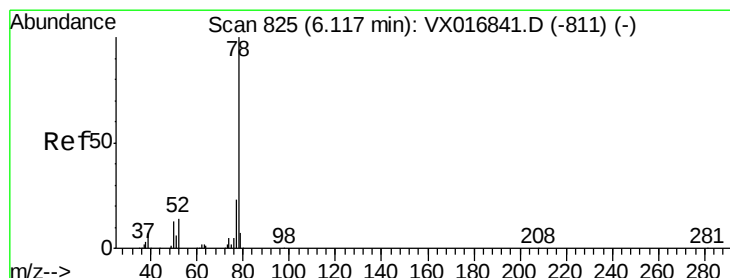
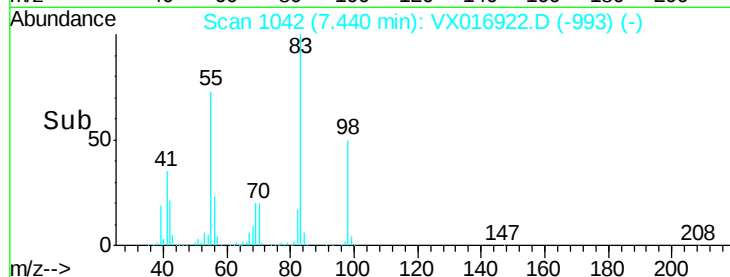
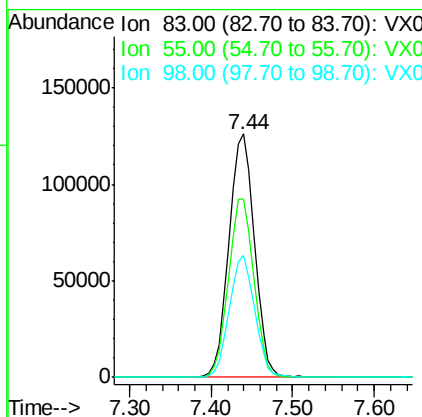
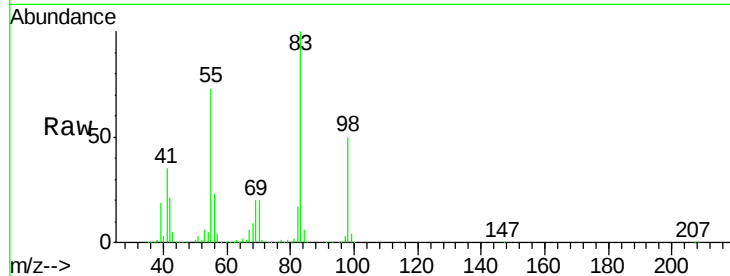
#39
Methvlcvclohexane
Concen: 41.090 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	271155		
55	73.1		61.7	92.5
98	50.3		39.0	58.6

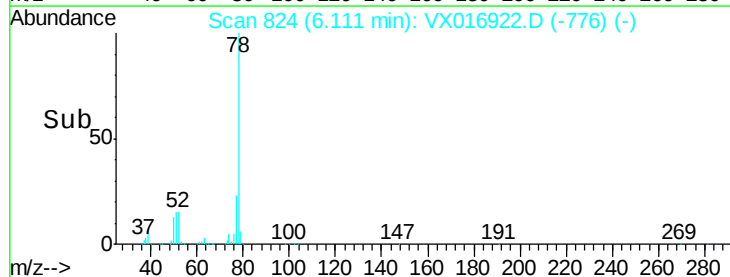
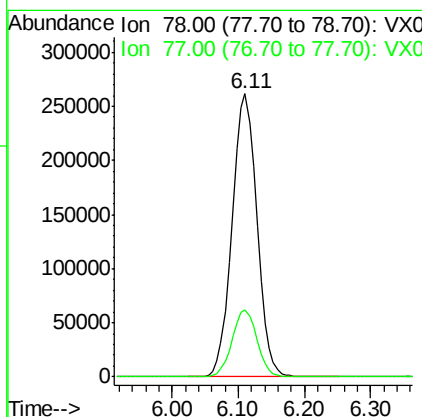
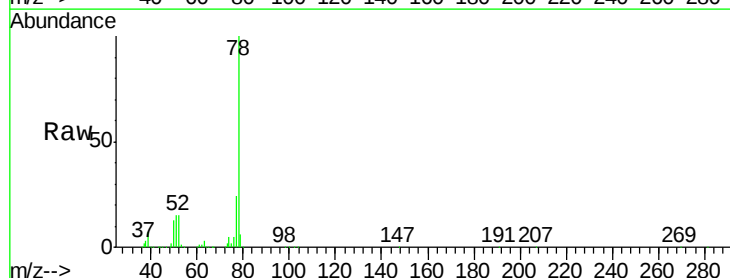
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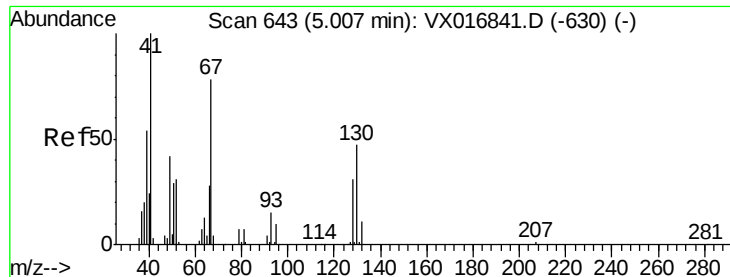
MMDadoda
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#40
Benzene
Concen: 39.986 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	680948		
77	23.6		18.6	27.8





#41

Methacrylonitrile

Concen: 45.096 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

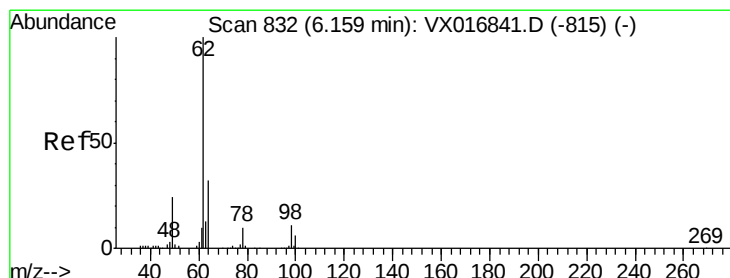
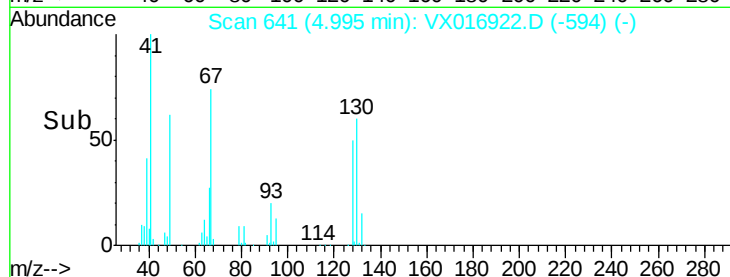
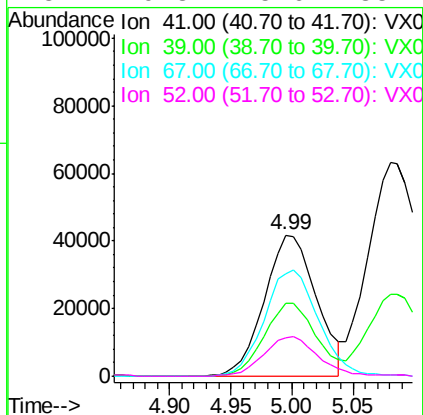
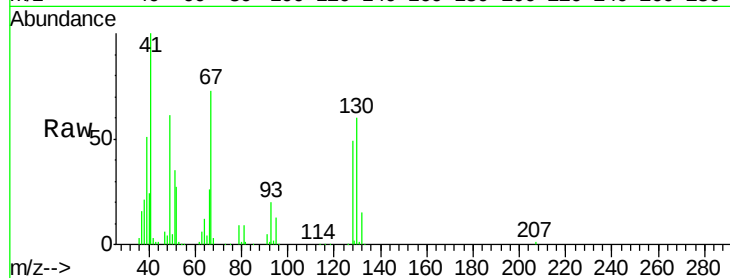
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.6	64.0
67	79.1	64.2	96.2
52	29.3	25.6	38.4

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#42

1,2-Dichloroethane

Concen: 37.566 ug/l

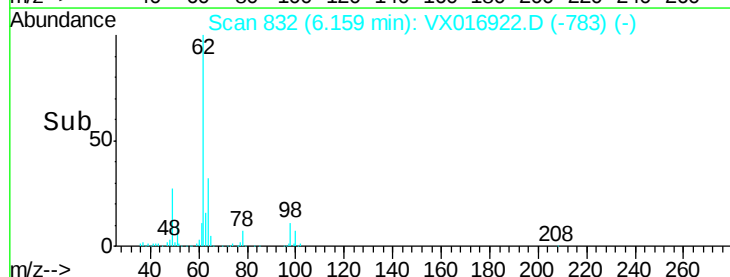
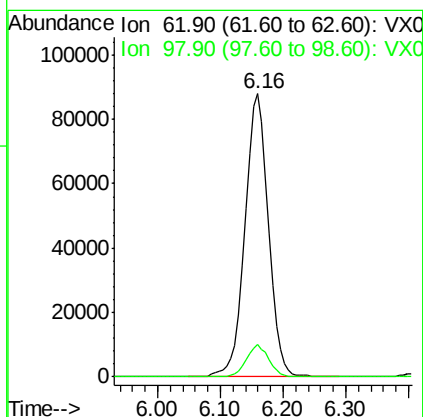
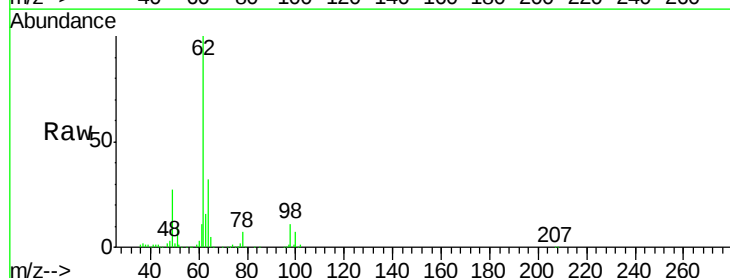
RT: 6.16 min Scan# 832

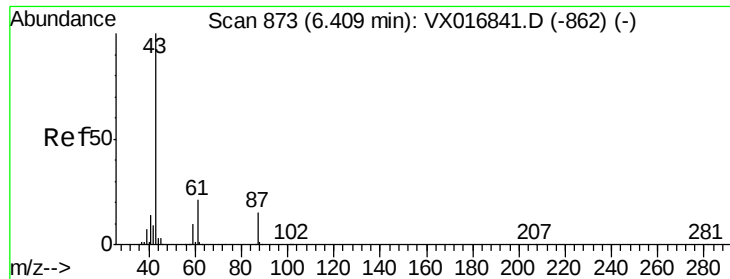
Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





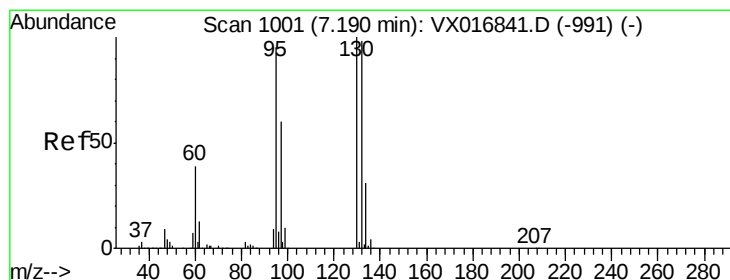
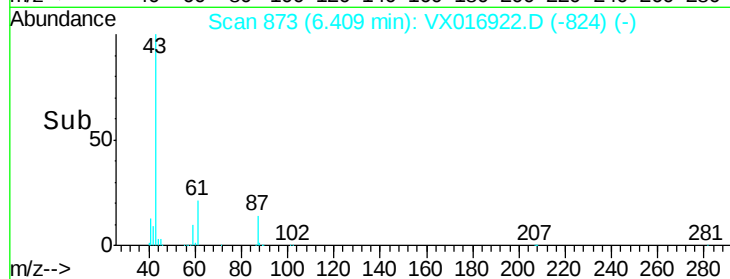
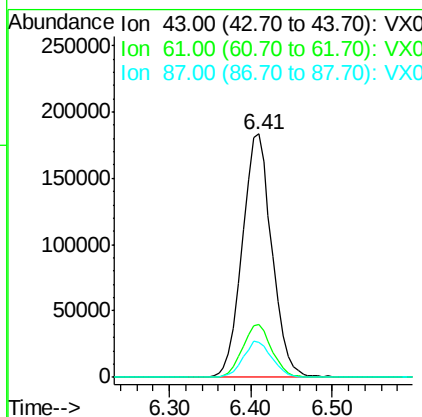
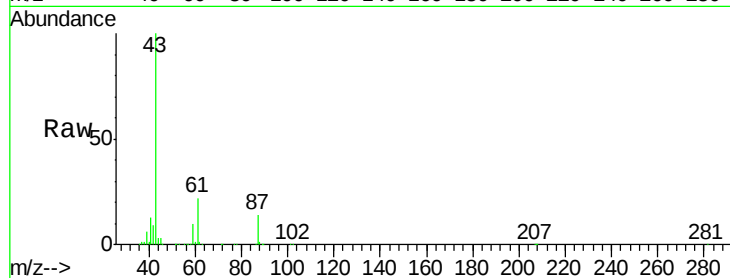
#43
Isopropyl Acetate
Concen: 52.550 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	17.9	26.9
87	14.4	12.4	18.6

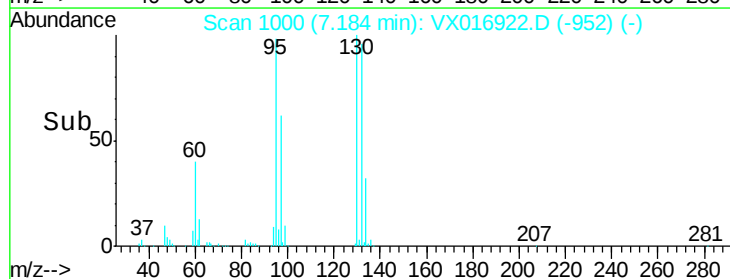
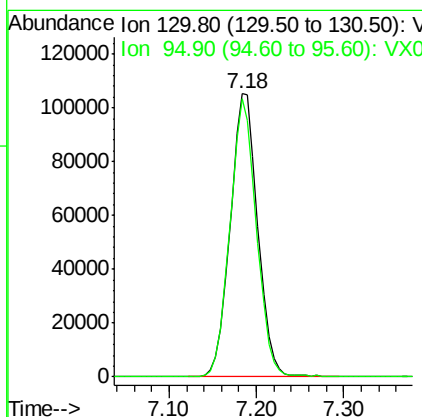
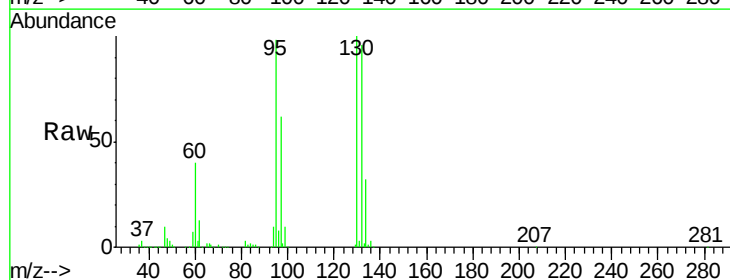
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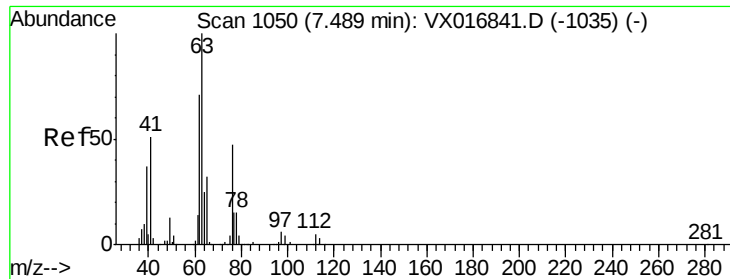
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#44
Trichloroethene
Concen: 44.047 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	190.8





#45

1,2-Dichloropropane

Concen: 40.850 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 174880

Ion Ratio Lower Upper

63 100

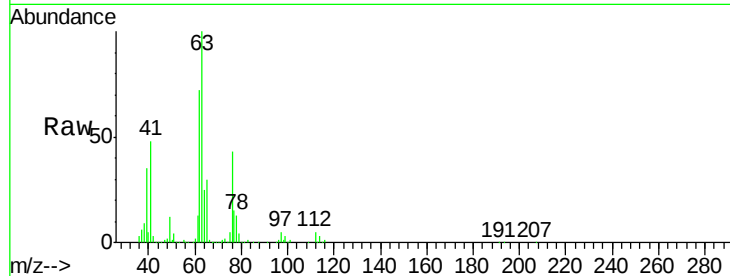
65 30.4 25.8 38.8

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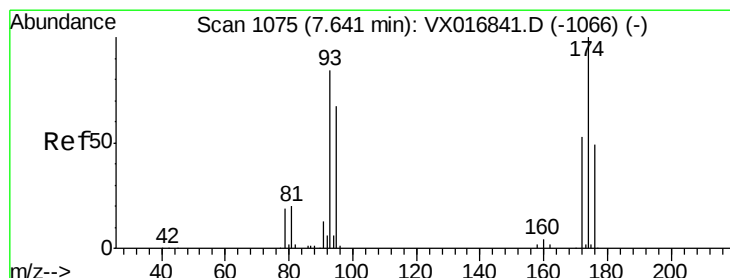
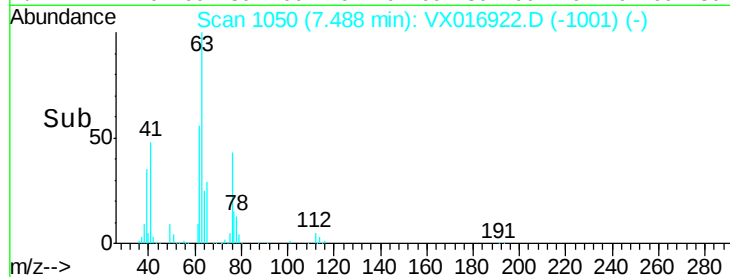
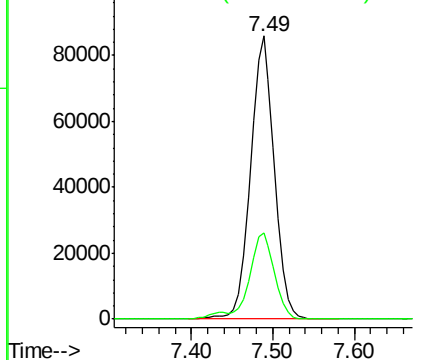
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 40.574 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

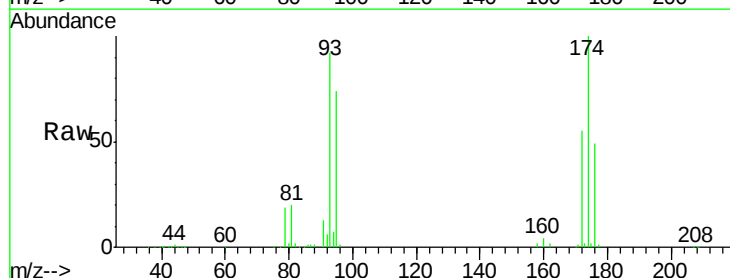
Tgt Ion: 93 Resp: 117796

Ion Ratio Lower Upper

93 100

95 82.3 65.7 98.5

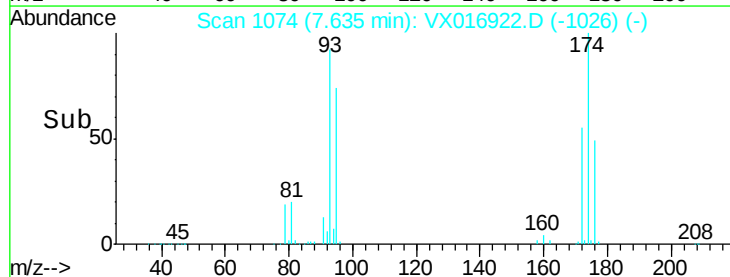
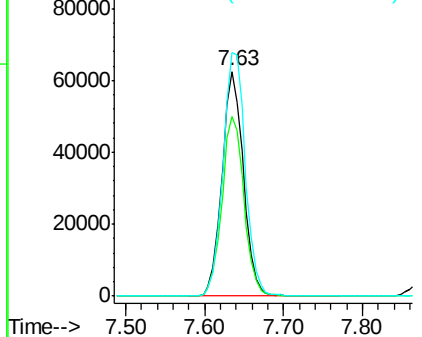
174 113.0 92.8 139.2

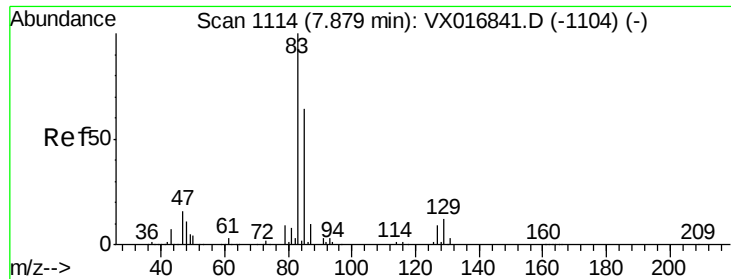


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 39.139 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

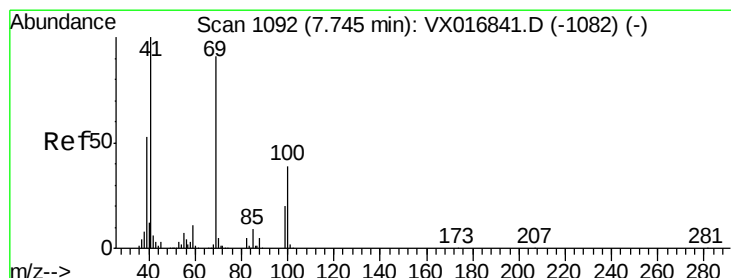
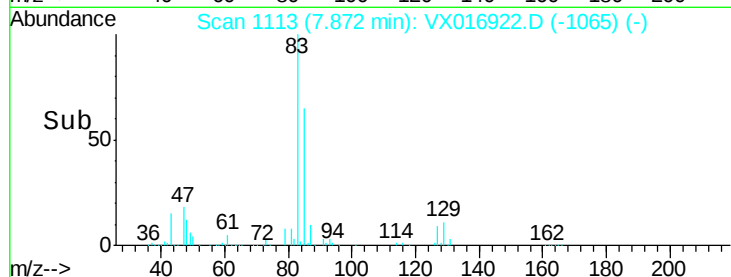
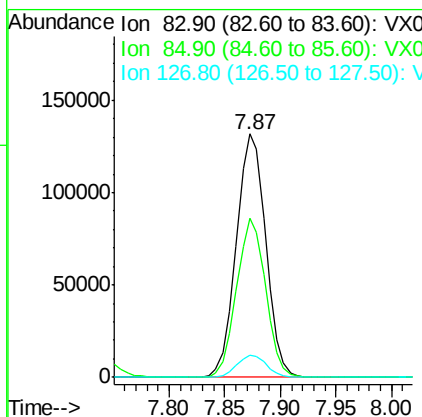
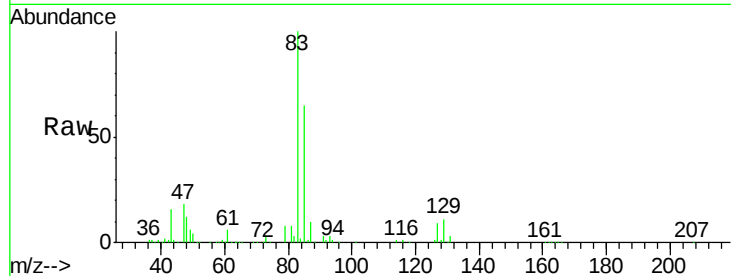
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	241668
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.9	76.3
127	9.1	7.4	11.0

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#48

Methyl methacrylate

Concen: 43.307 ug/l

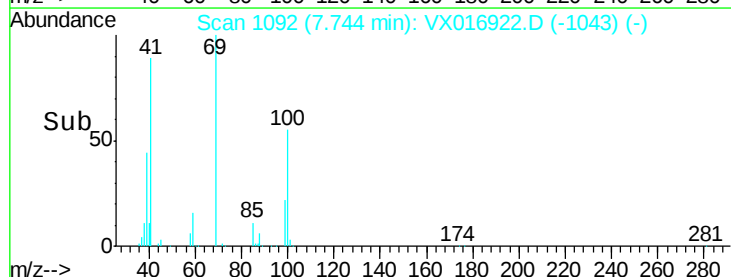
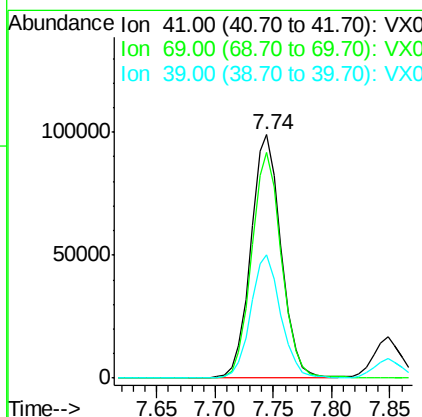
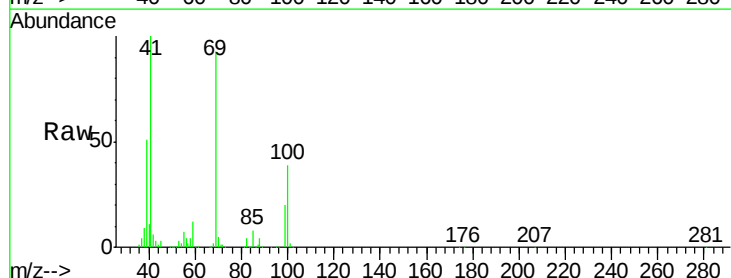
RT: 7.74 min Scan# 1092

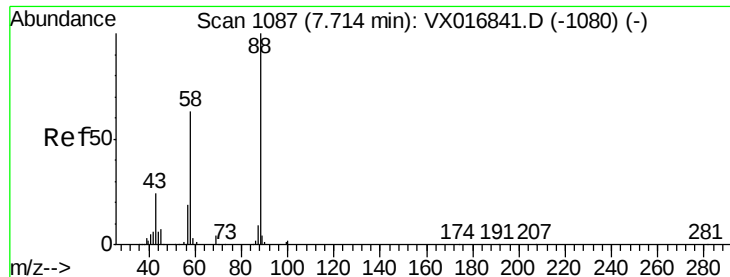
Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	41	Resp:	178578
Ion Ratio	Lower	Upper	
41	100		
69	92.0	73.3	109.9
39	50.3	42.4	63.6





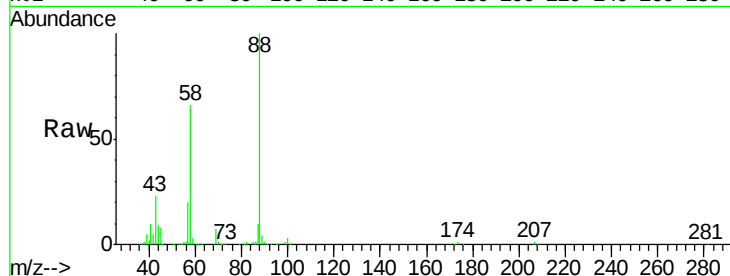
#49
1,4-Dioxane
Concen: 931.457 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

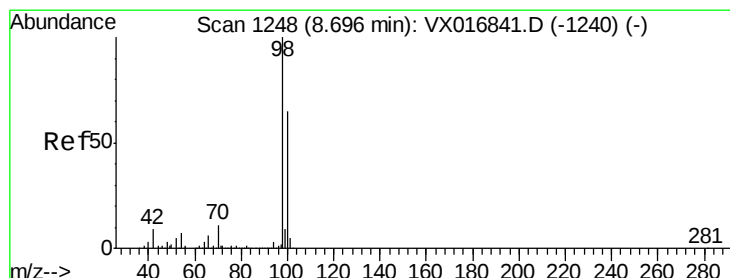
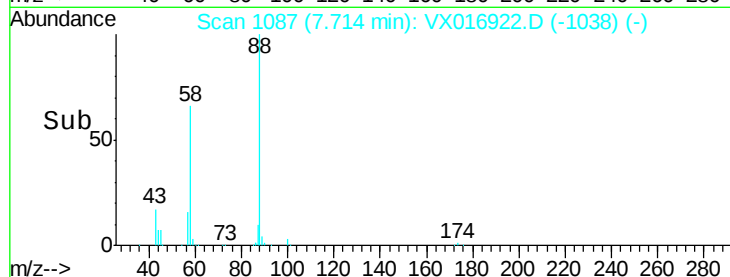
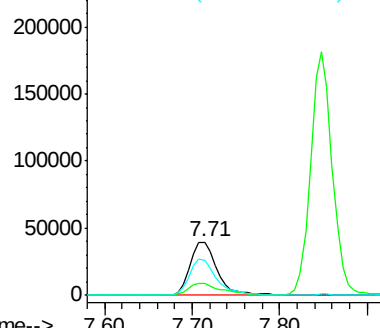
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	22.7	34.1
58	68.6	53.1	79.7

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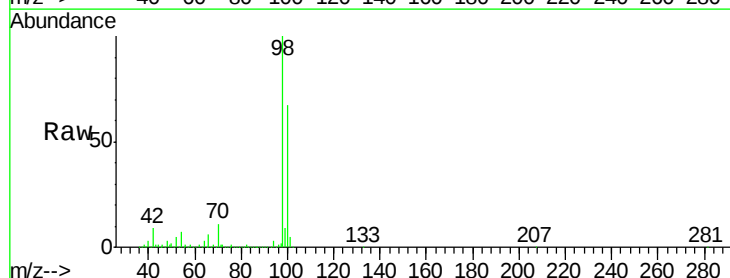


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

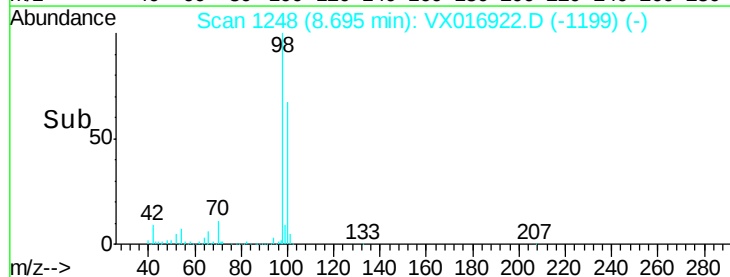
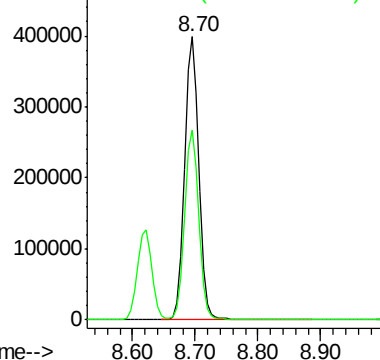


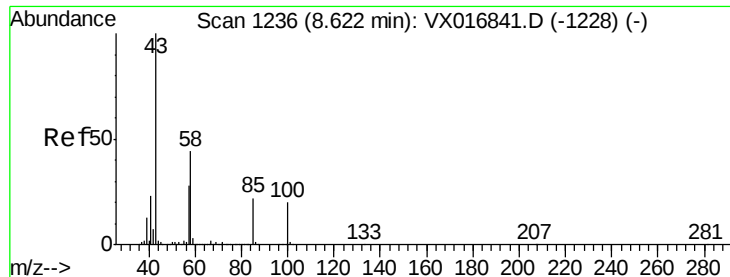
#50
Toluene-d8
Concen: 39.612 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	54.0	81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 209.600 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1103954

Ion Ratio Lower Upper

43 100

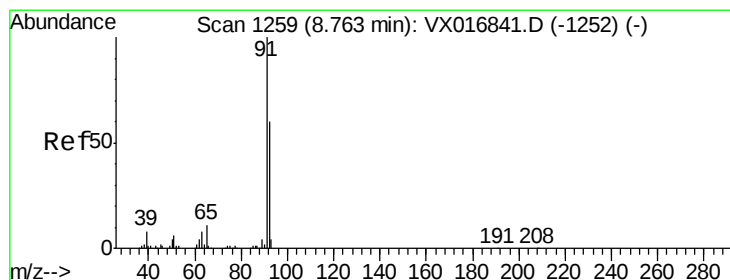
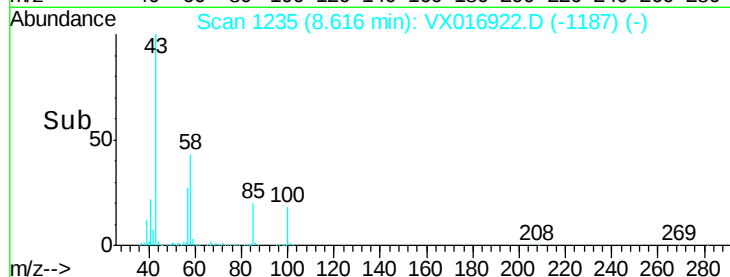
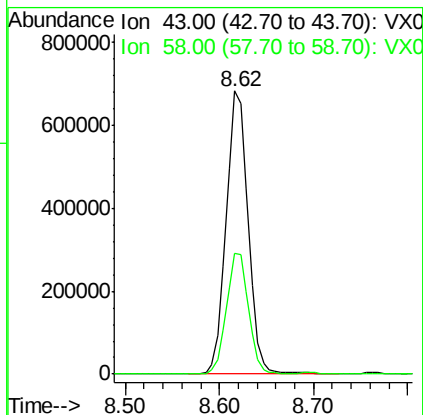
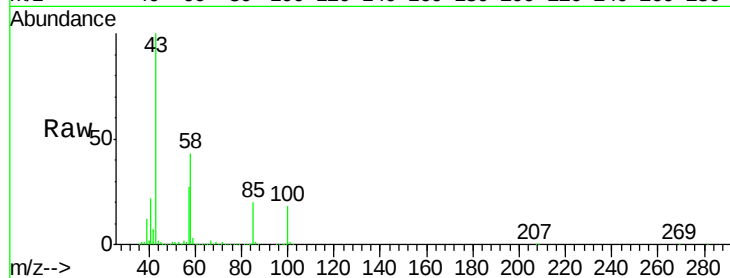
58 43.0 34.3 51.5

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#52

Toluene

Concen: 38.959 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016922.D

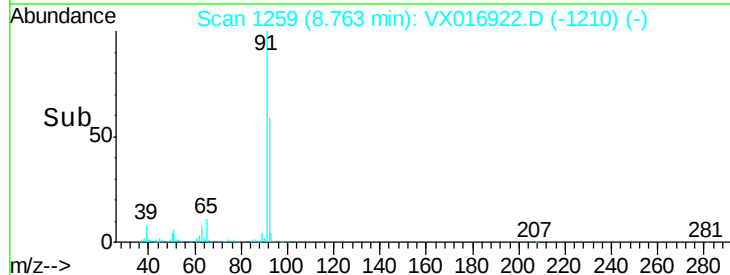
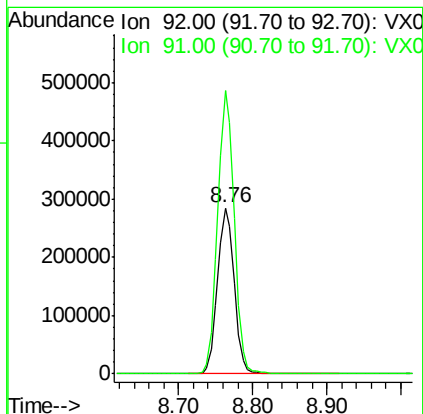
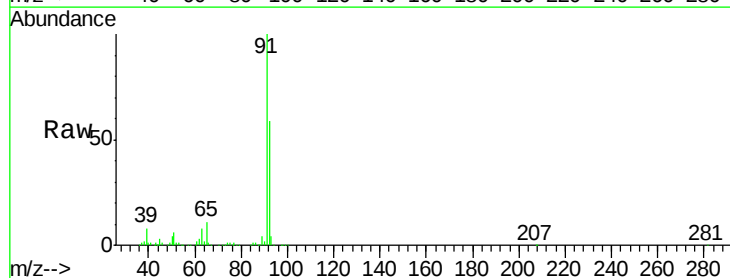
Acq: 22 Jun 2020 15:50

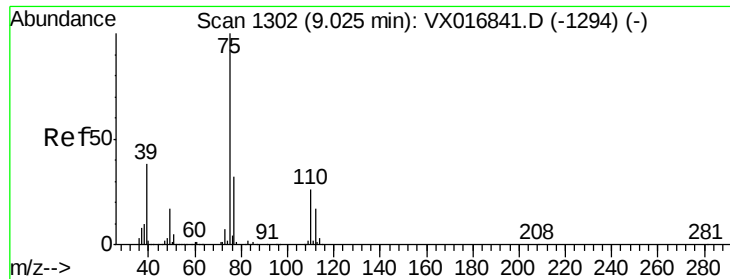
Tgt Ion: 92 Resp: 440124

Ion Ratio Lower Upper

92 100

91 169.7 134.2 201.2





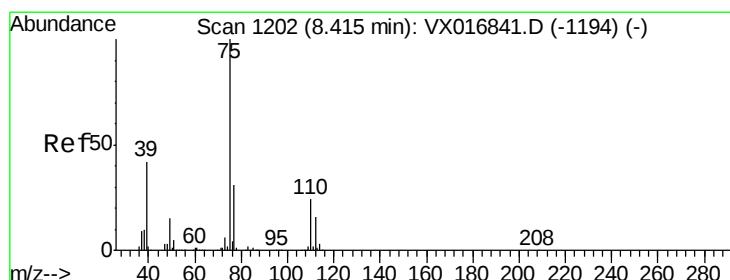
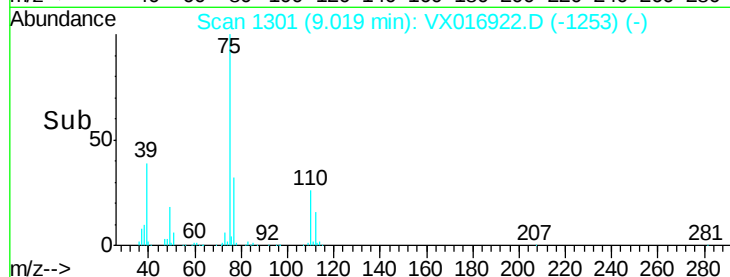
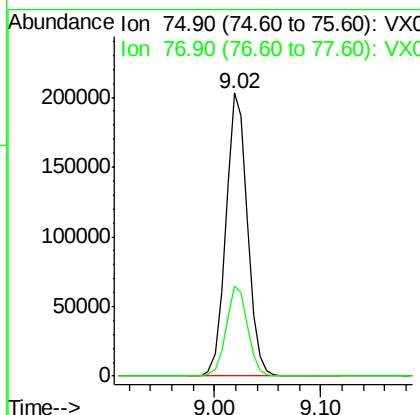
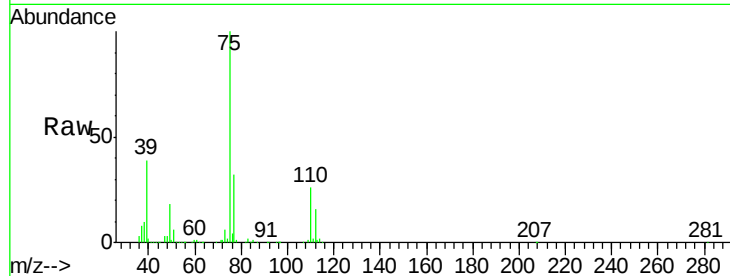
#53
t-1,3-Dichloropropene
Concen: 42.251 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9

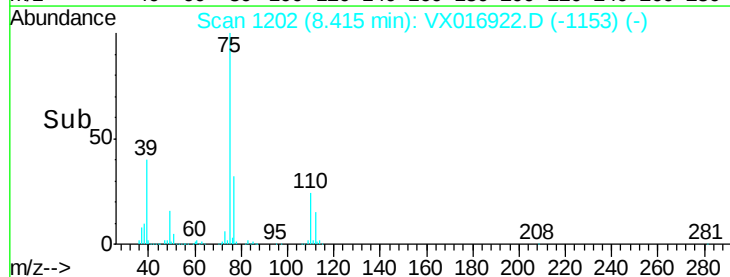
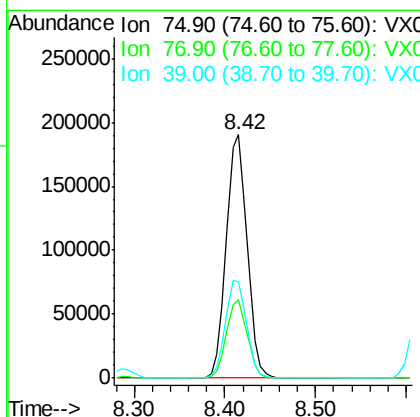
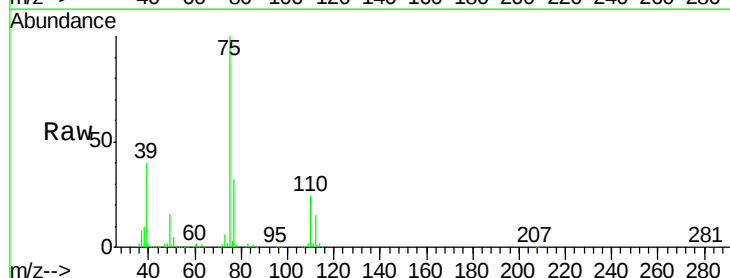
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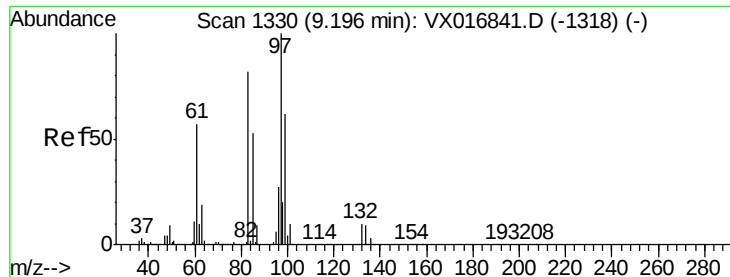
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#54
cis-1,3-Dichloropropene
Concen: 41.983 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3
39	39.6	33.4	50.0





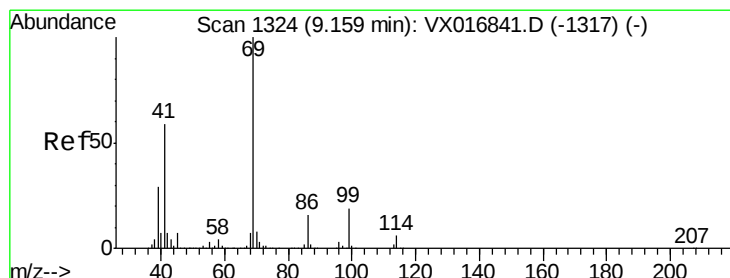
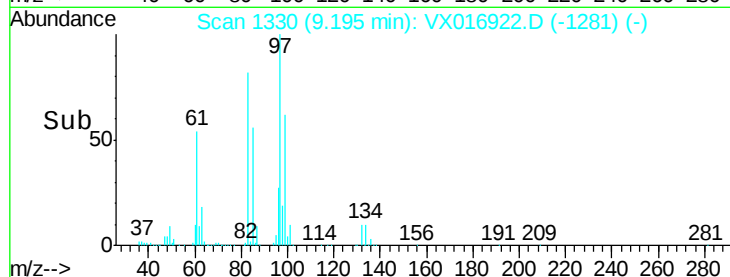
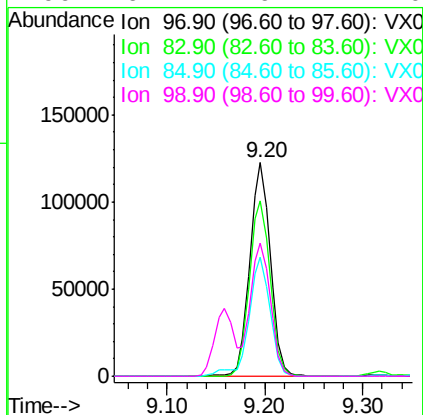
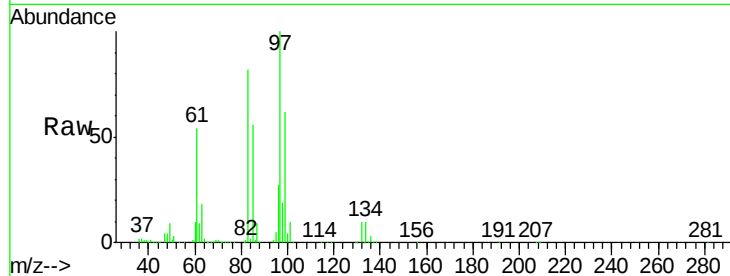
#55
 1,1,2-Trichloroethane
 Concen: 41.977 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	179048
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.5	98.3
85	55.7	42.6	63.8
99	62.2	49.4	74.0

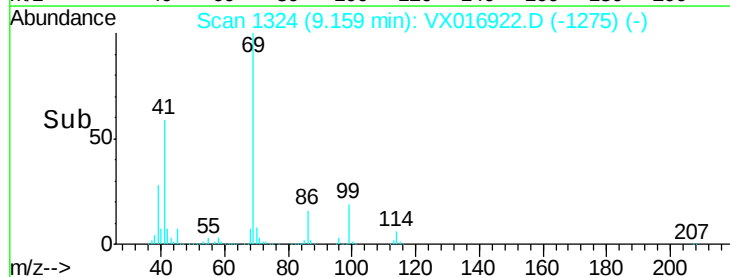
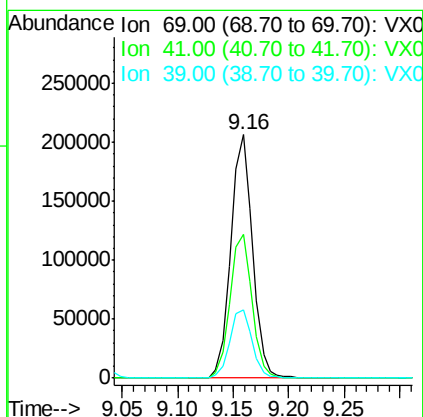
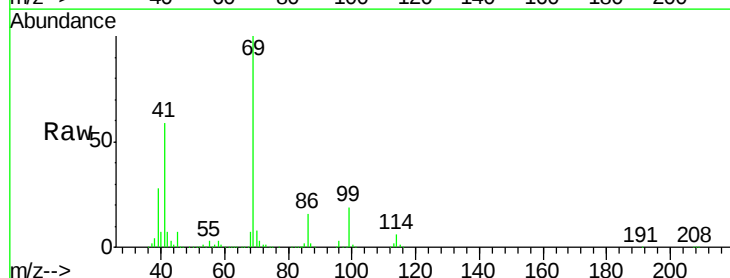
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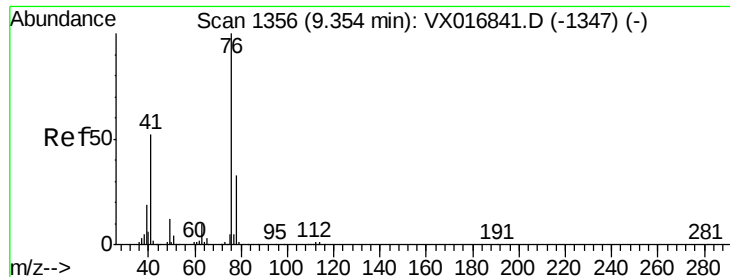
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#56
 Ethyl methacrylate
 Concen: 44.994 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion:	69	Resp:	277834
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.9	71.9
39	29.1	24.2	36.4





#57

1,3-Dichloropropane

Concen: 41.454 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 299753

Ion Ratio Lower Upper

76 100

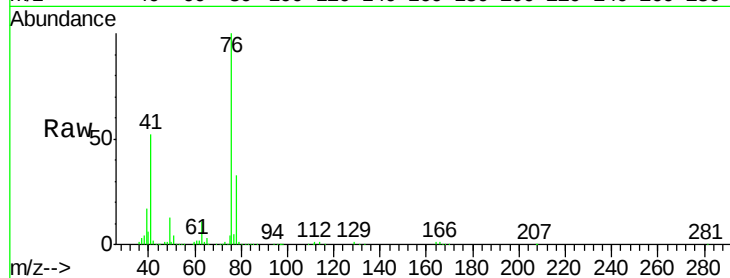
78 32.4 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

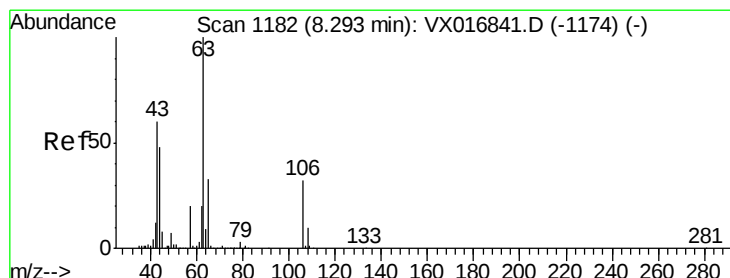
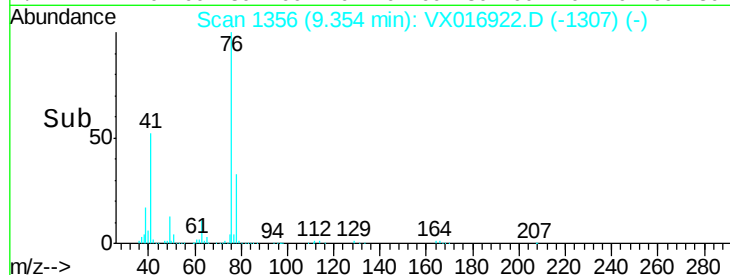
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 222.126 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016922.D

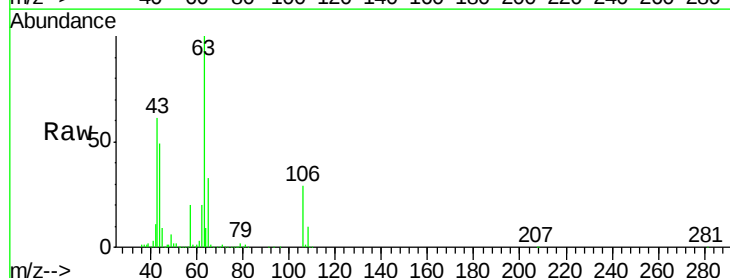
Acq: 22 Jun 2020 15:50

Tgt Ion: 63 Resp: 638212

Ion Ratio Lower Upper

63 100

106 30.4 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

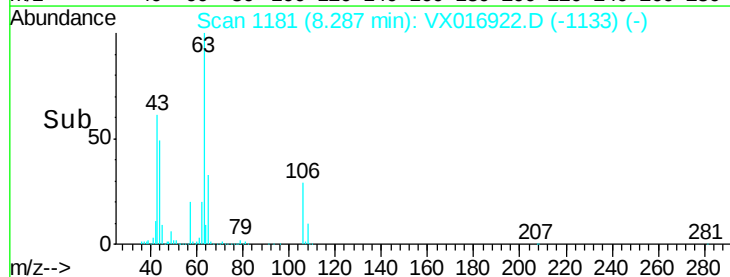
300000

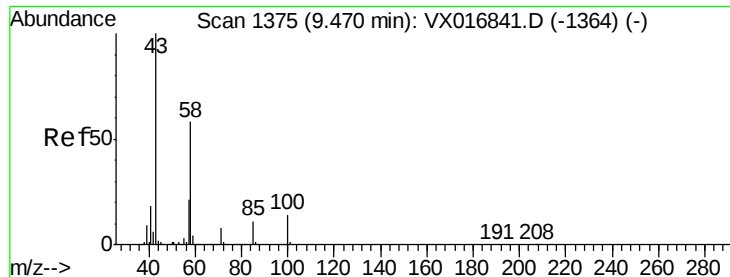
200000

100000

0

Time-->





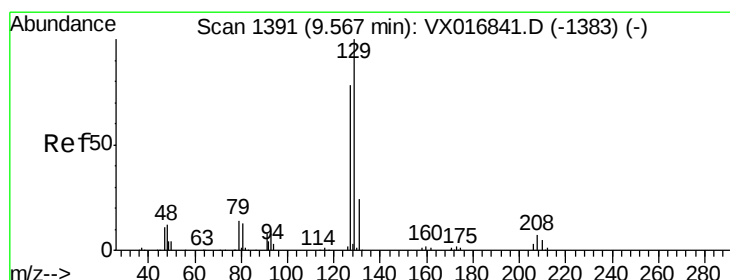
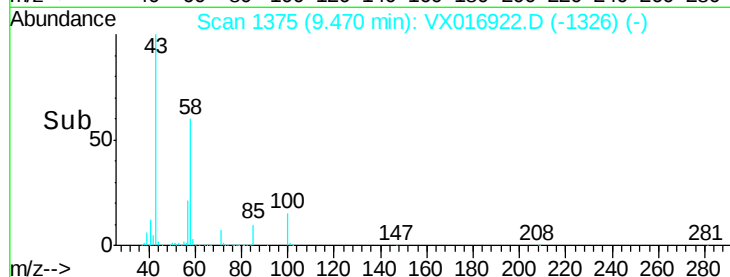
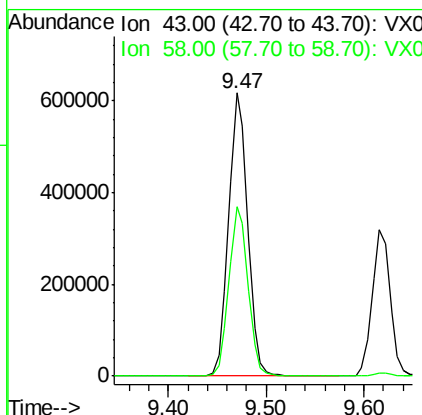
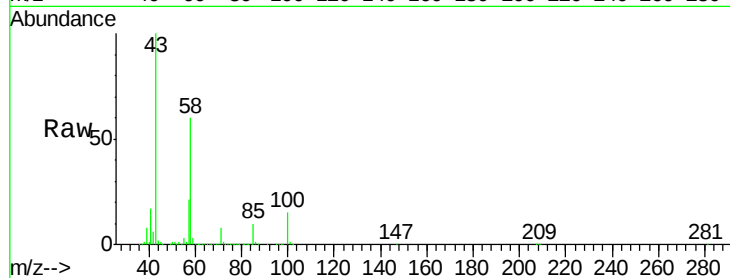
#59
2-Hexanone
Concen: 218.409 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.3	29.8	89.4

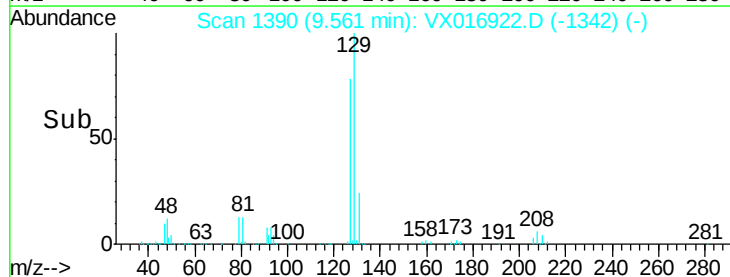
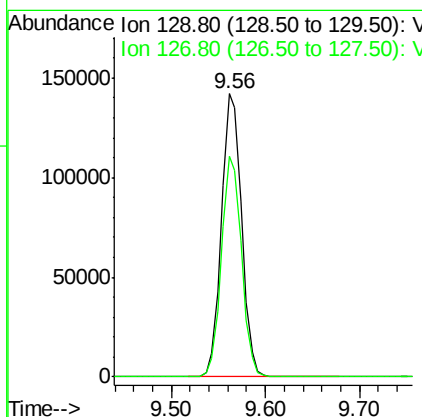
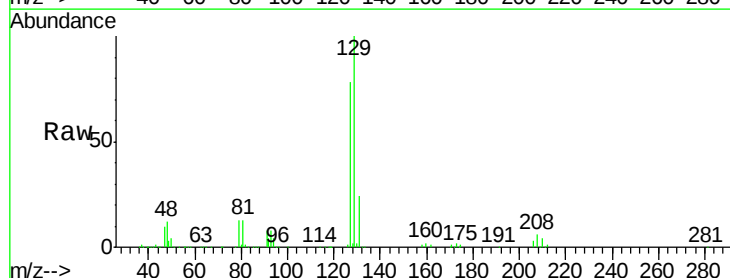
Manual Integrations
APPROVED

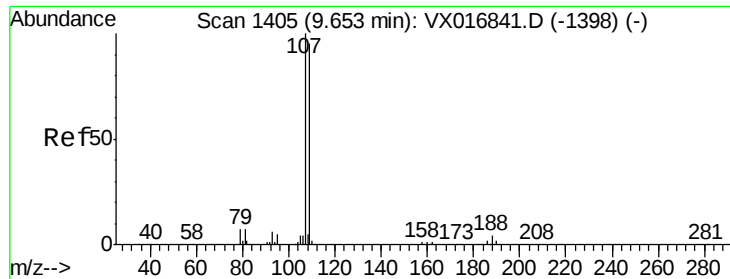
MMDadoda
6/23/2020 11:03:05 AM



#60
Dibromochloromethane
Concen: 40.970 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.5	115.5





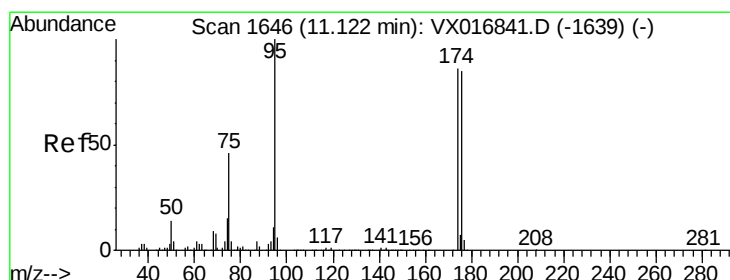
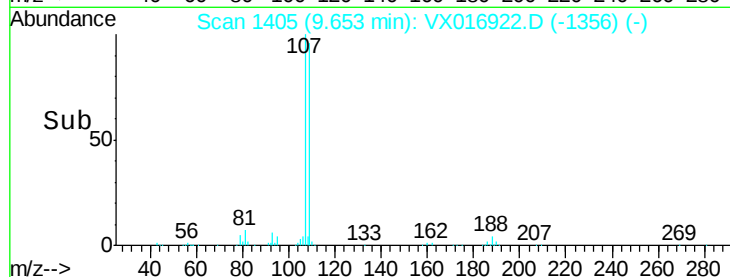
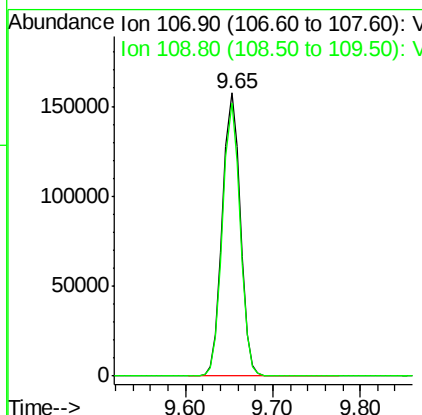
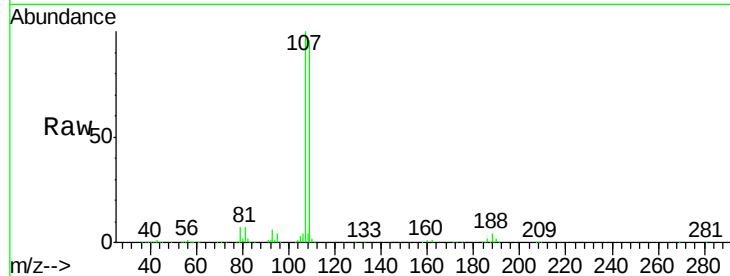
#61
 1,2-Dibromoethane
 Concen: 48.149 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.4	113.0

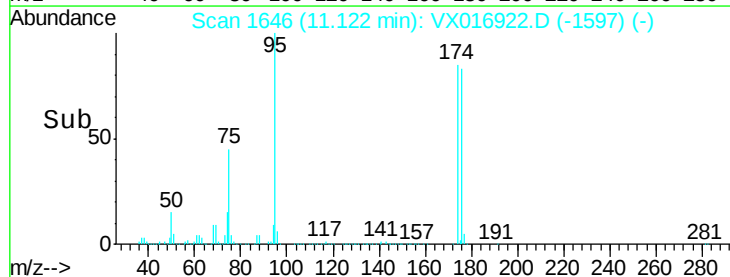
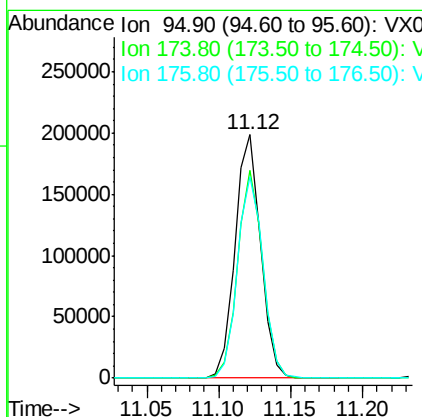
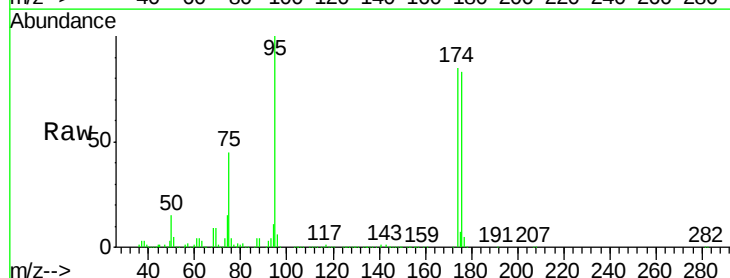
Manual Integrations
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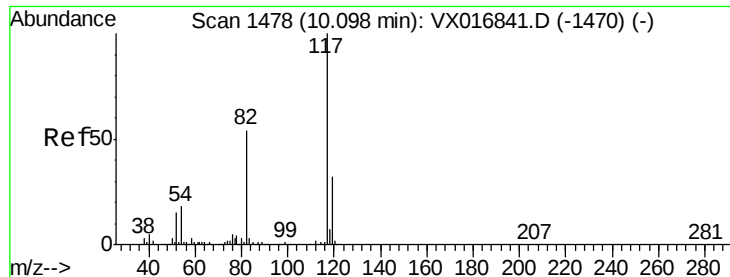
MMDadoda
 6/23/2020 11:03:05 AM



#62
 4-Bromofluorobenzene
 Concen: 40.842 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	174.2
176	83.1	0.0	170.0





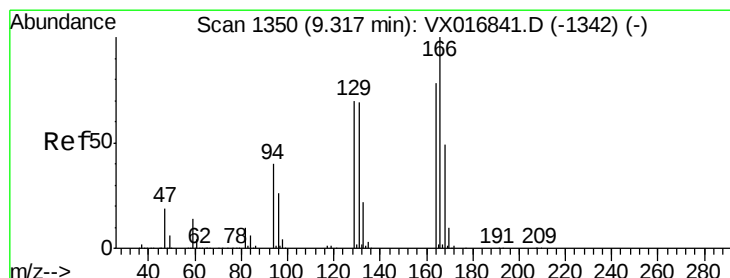
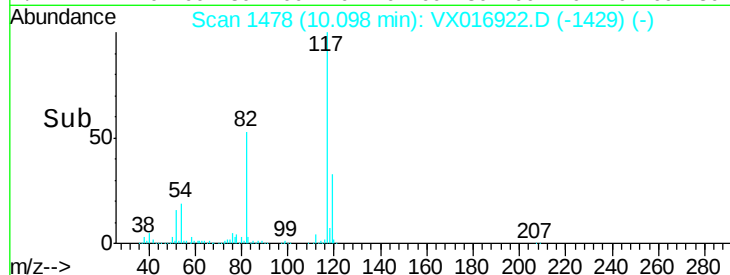
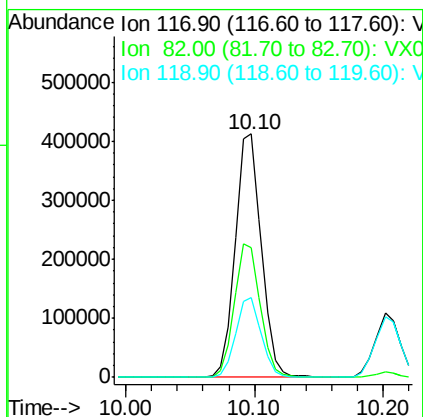
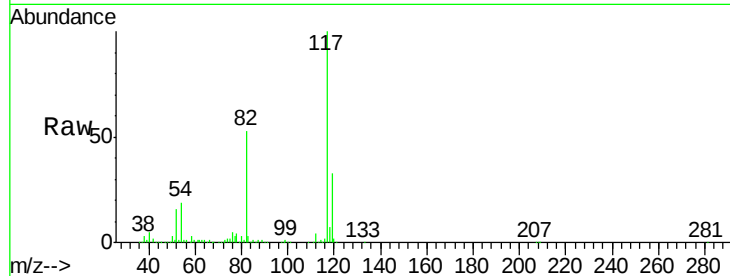
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	32.8	25.7	38.5

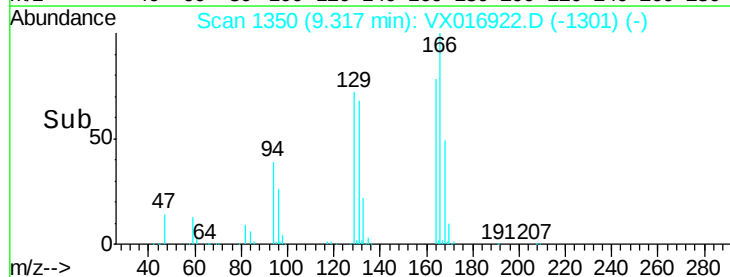
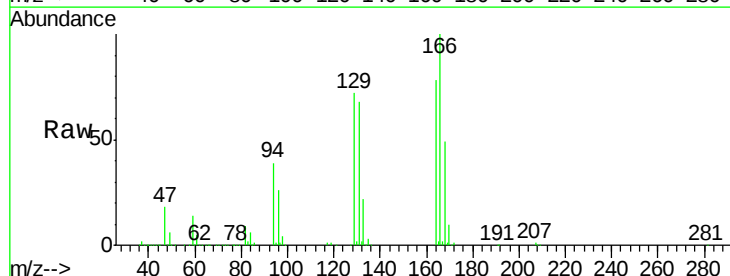
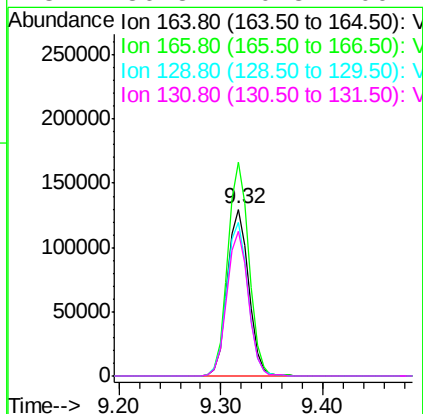
Manual Integrations
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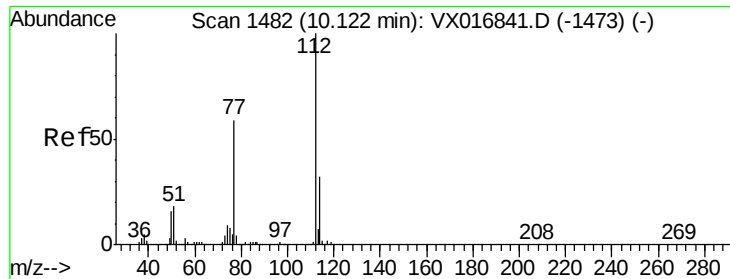
MMDadoda
6/23/2020 11:03:05 AM



#64
Tetrachloroethene
Concen: 34.874 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.6	153.8
129	91.8	72.2	108.2
131	86.8	70.8	106.2





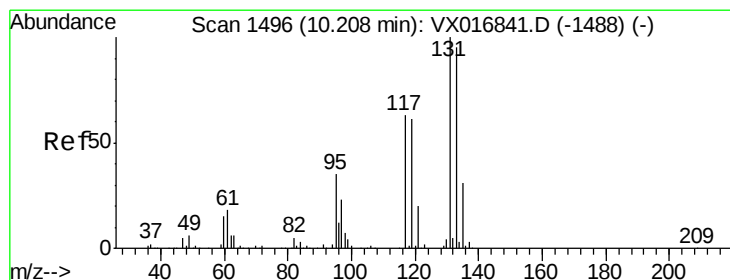
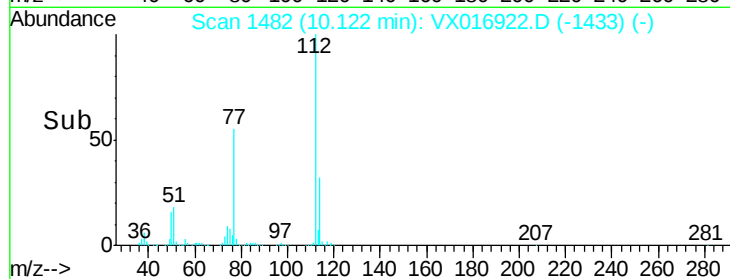
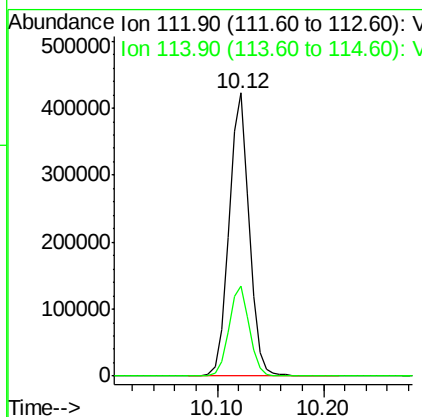
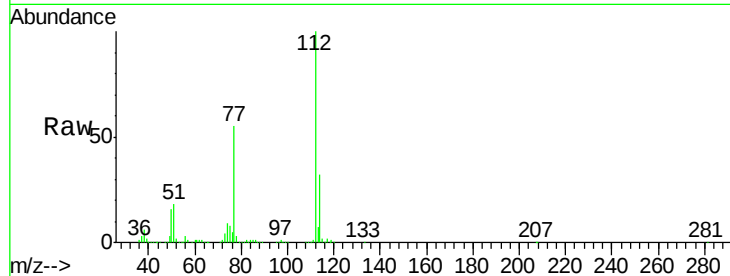
#65
Chlorobenzene
Concen: 47.701 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.5	38.3

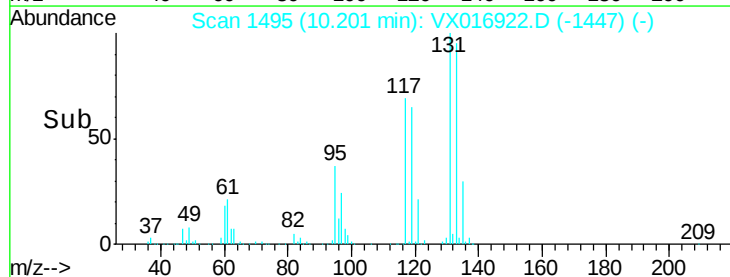
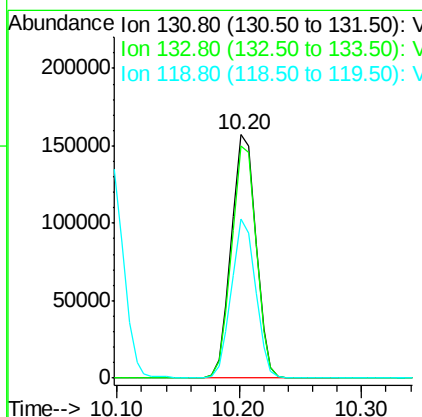
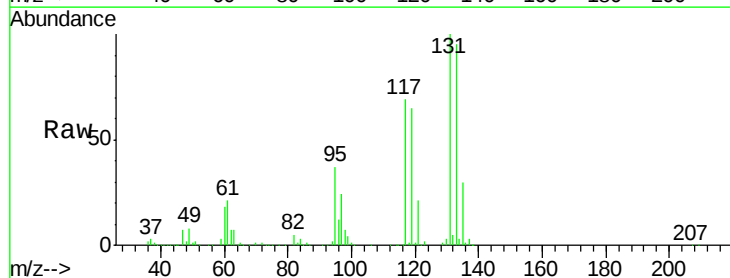
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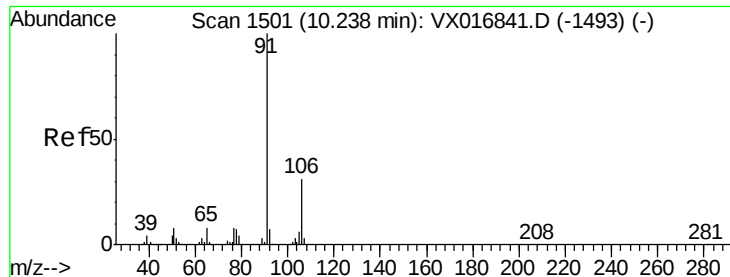
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6/23/2020 11:03:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.145 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.7	143.1
119	63.5	30.8	92.4





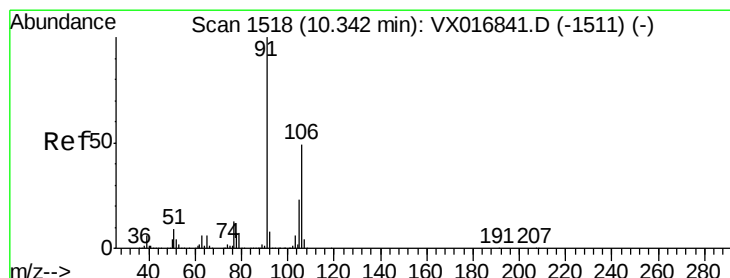
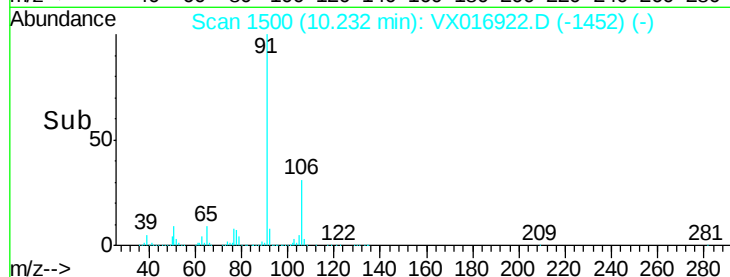
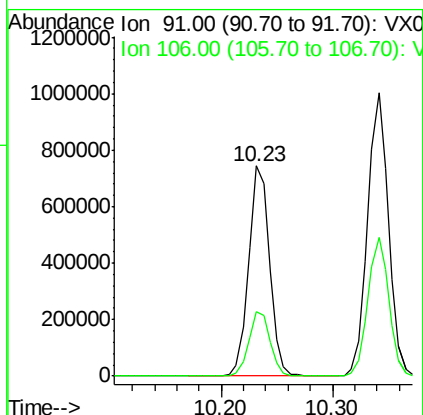
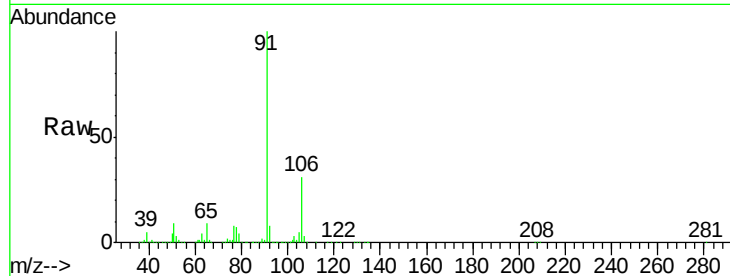
#67
Ethyl Benzene
Concen: 48.932 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 969649
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7

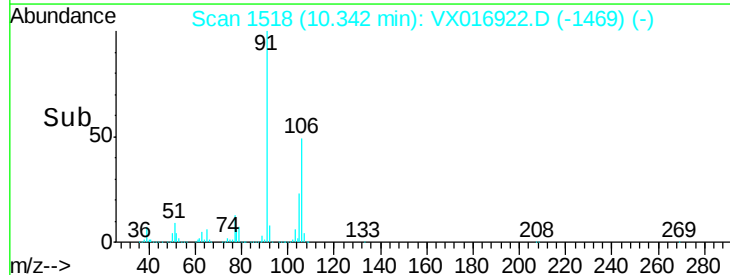
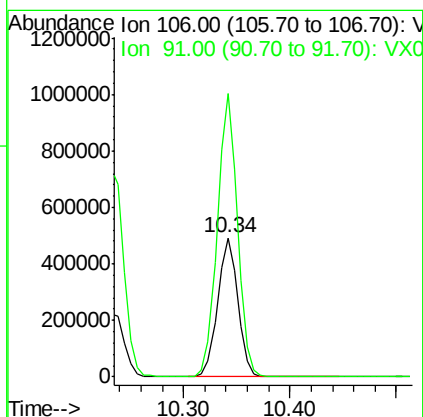
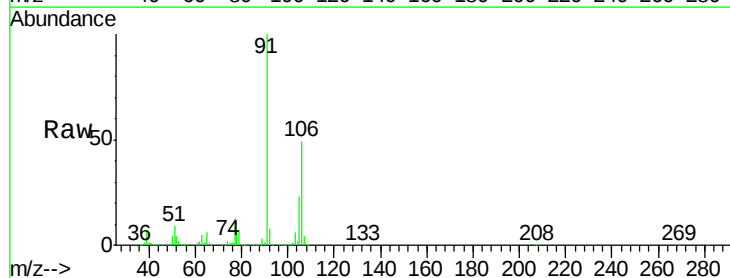
Manual Integrations
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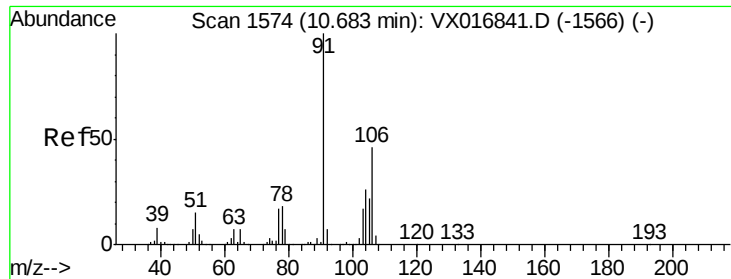
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#68
m/p-Xylenes
Concen: 84.101 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion: 106 Resp: 648526
Ion Ratio Lower Upper
106 100
91 202.0 161.5 242.3





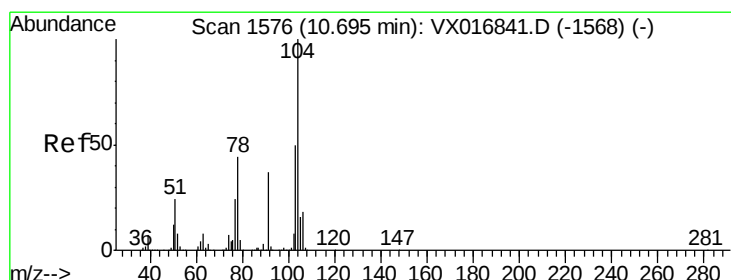
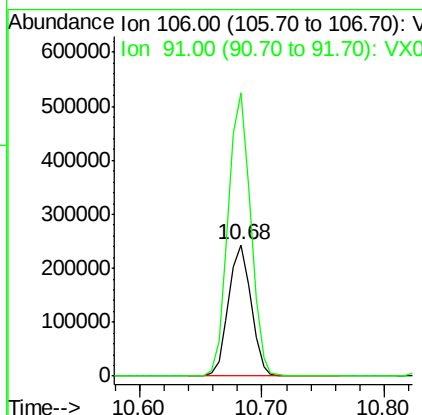
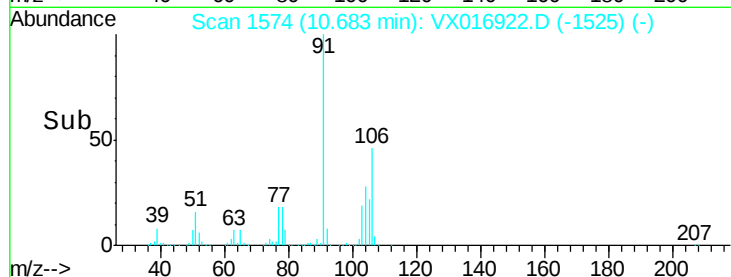
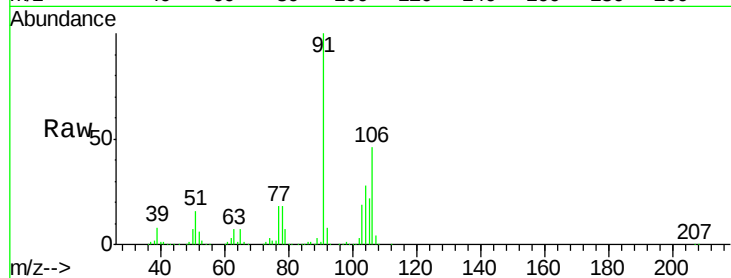
#69
o-Xylene
Concen: 43.618 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.3	107.9	323.7

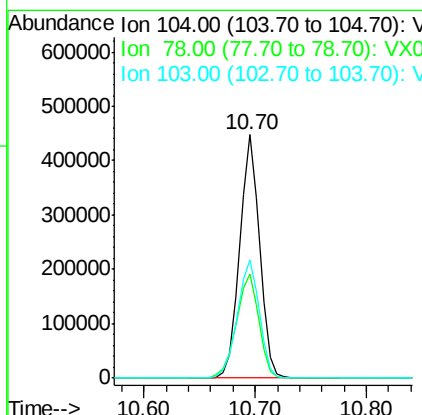
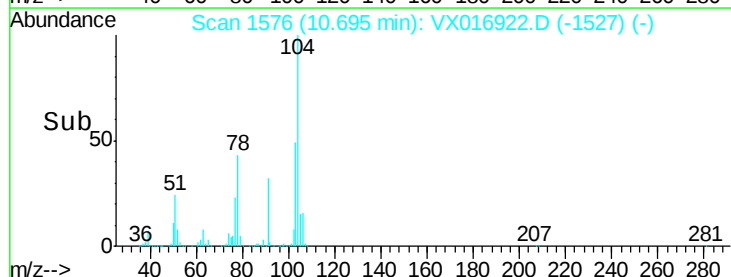
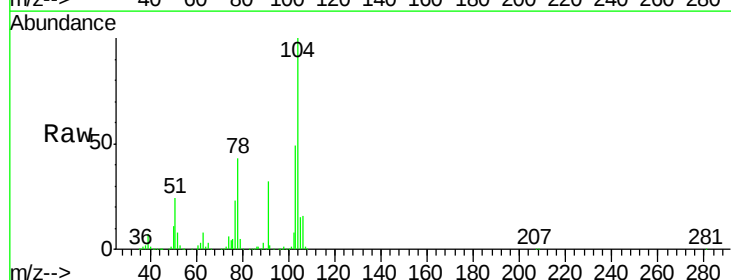
Manual Integrations
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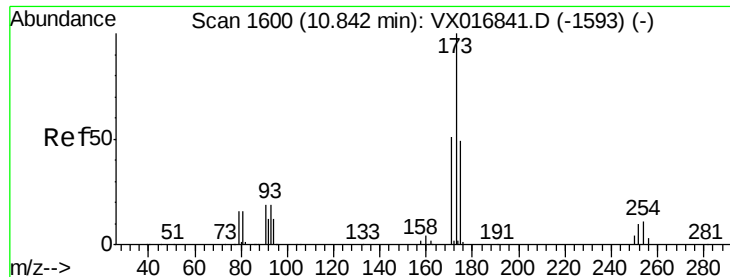
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#70
Styrene
Concen: 45.717 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.6	59.4
103	53.9	43.3	64.9





#71

Bromoform

Concen: 42.505 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 162668

Ion Ratio Lower Upper

173 100

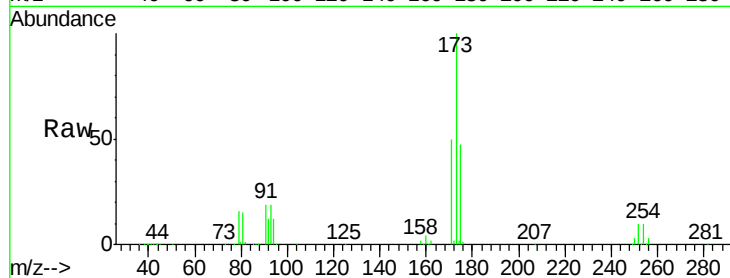
175 47.6 24.3 73.0

254 0.2 0.1 0.1#

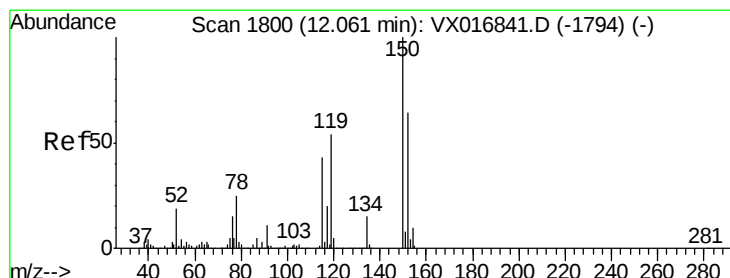
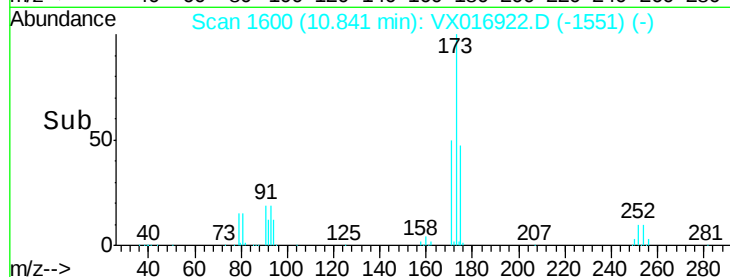
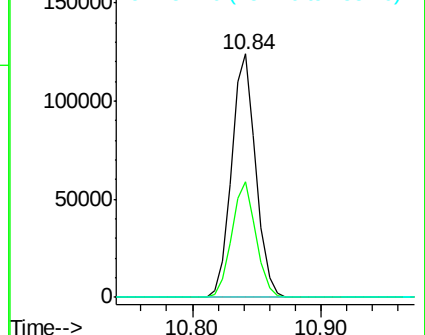
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

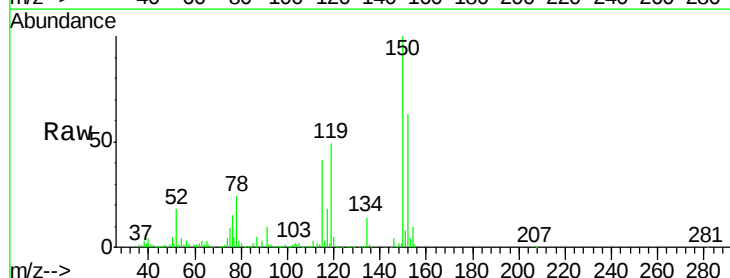
Tgt Ion:152 Resp: 256270

Ion Ratio Lower Upper

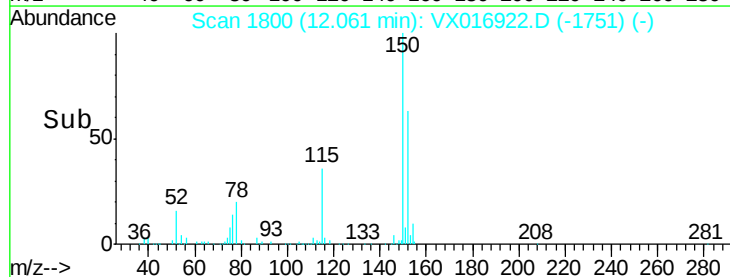
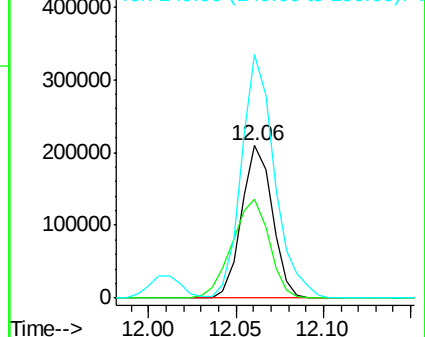
152 100

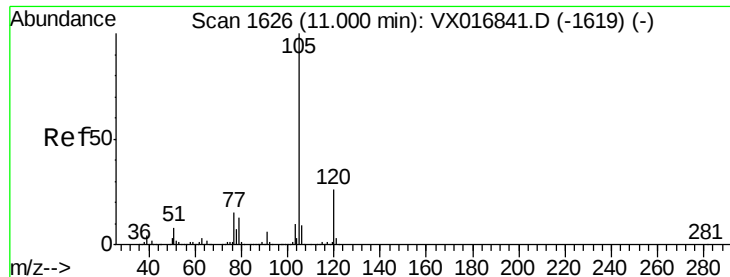
115 78.3 40.9 122.8

150 172.7 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.942 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 840538

Ion Ratio Lower Upper

105 100

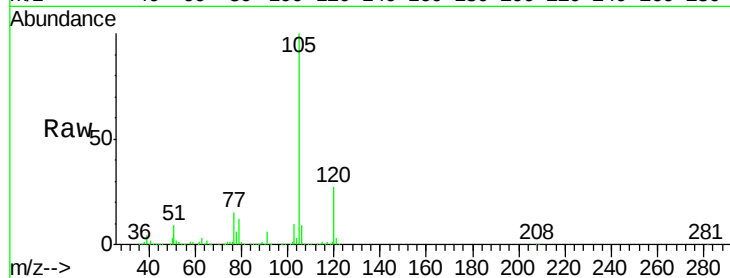
120 26.7 13.2 39.6

Manual Integrations

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MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

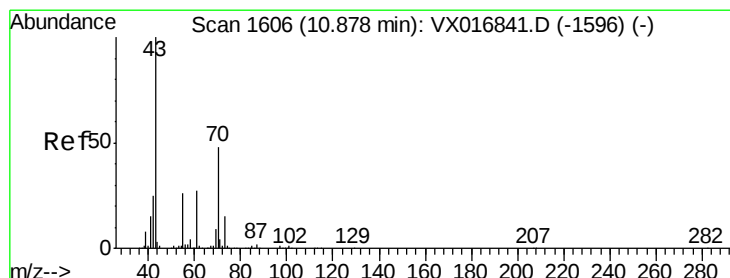
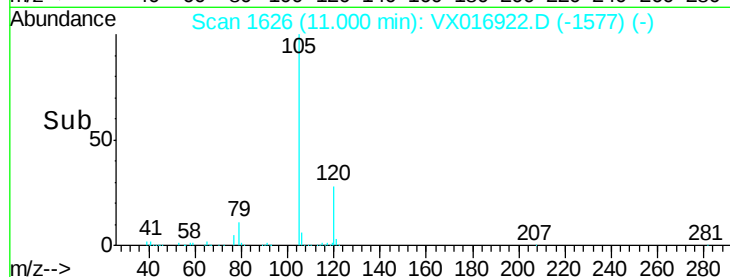
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 59.462 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion: 43 Resp: 342599

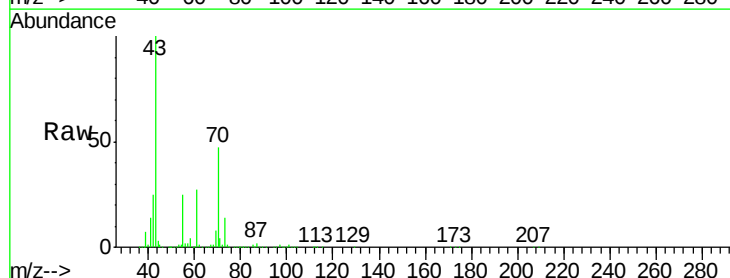
Ion Ratio Lower Upper

43 100

70 48.4 39.9 59.9

55 25.5 21.8 32.6

61 27.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

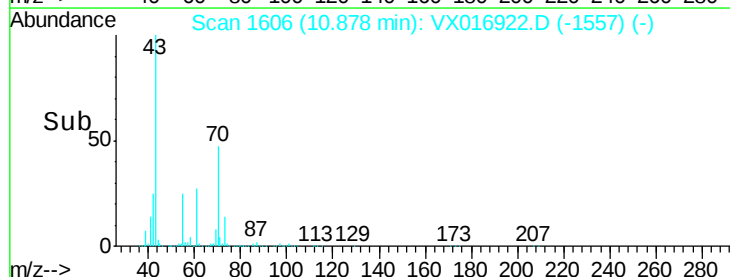
300000

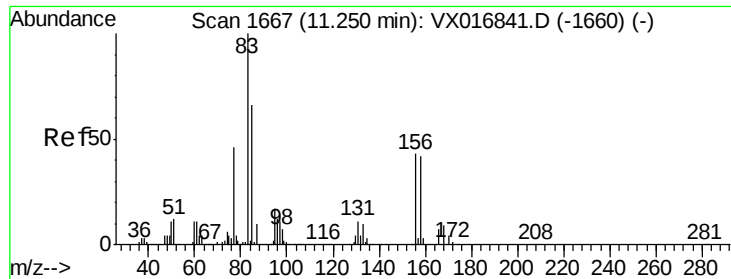
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 52.144 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

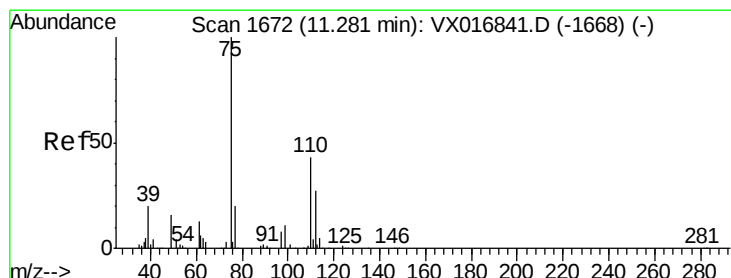
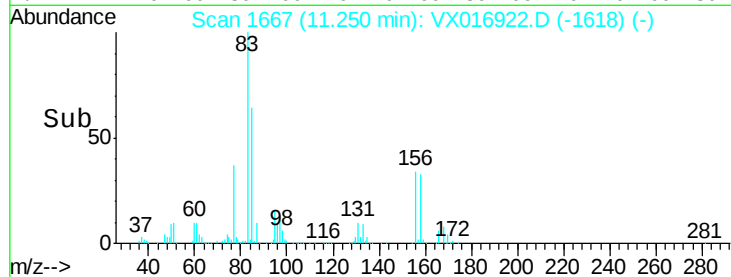
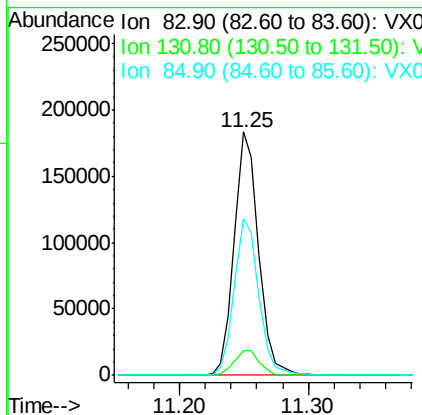
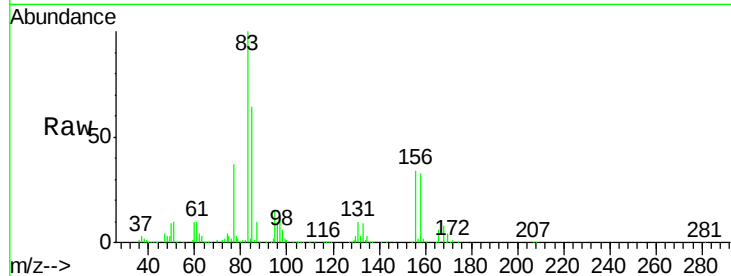
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	242943
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.1
85	65.1	32.6	97.8

Manual Integrations
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MMDadoda
6/23/2020 11:03:05 AM



#76

1,2,3-Trichloropropane

Concen: 51.236 ug/l m

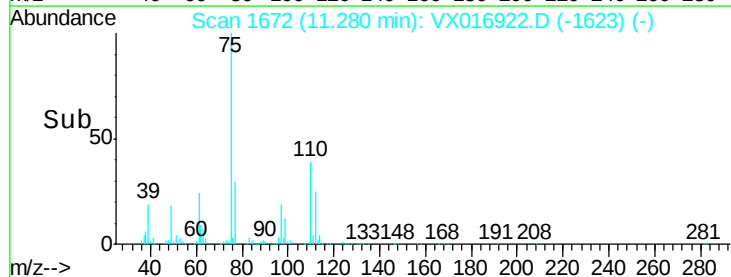
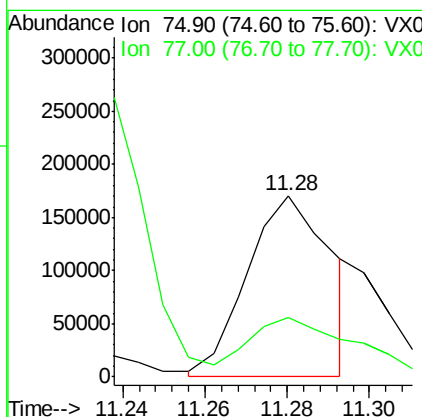
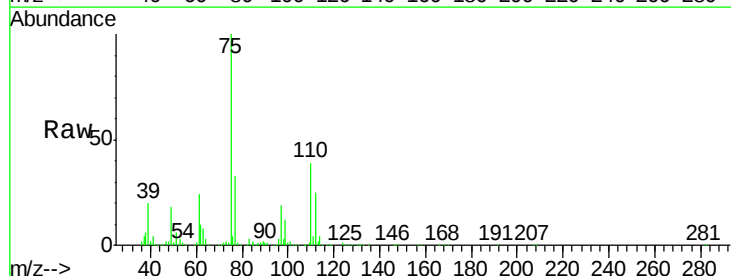
RT: 11.28 min Scan# 1672

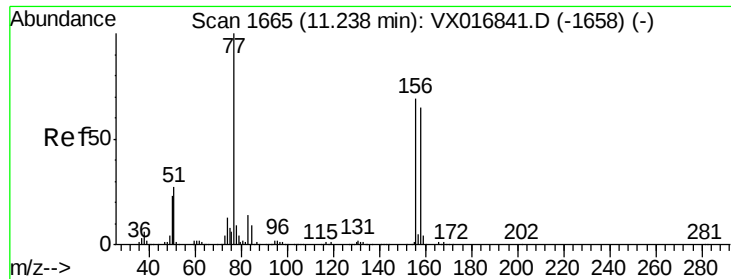
Delta R.T. 0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	75	Resp:	239802
Ion Ratio	Lower	Upper	
75	100		
77	41.3	20.5	61.5





#77

Bromobenzene

Concen: 49.827 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

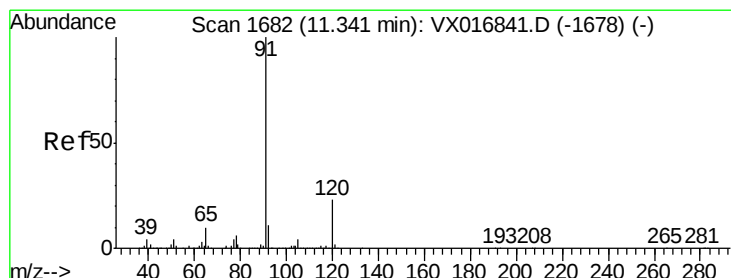
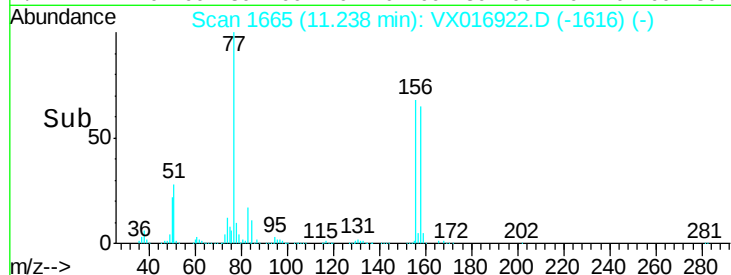
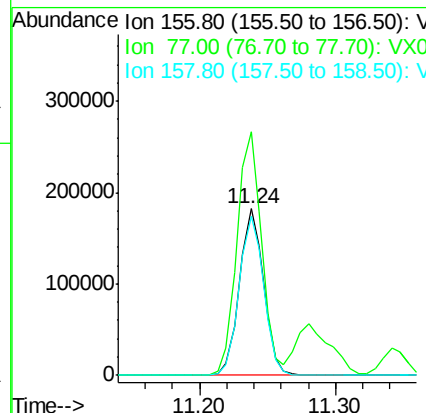
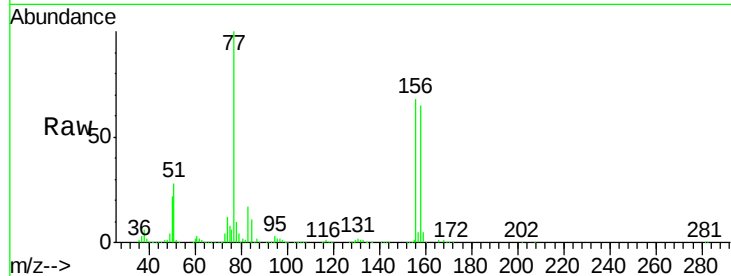
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.0	73.4	220.2
158	97.2	48.8	146.3

Manual Integrations
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6/23/2020 11:03:05 AM



#78

n-propylbenzene

Concen: 52.101 ug/l

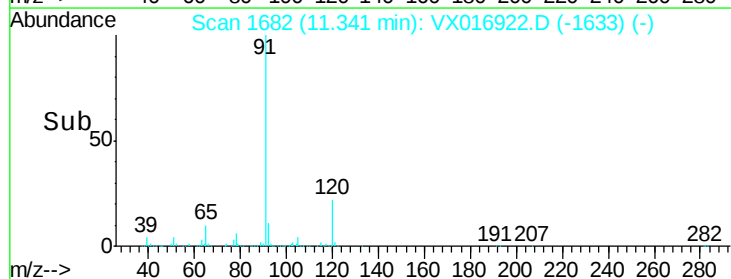
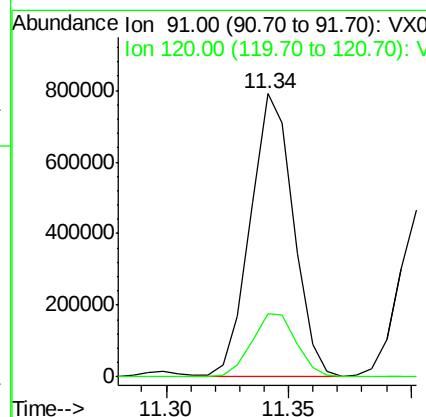
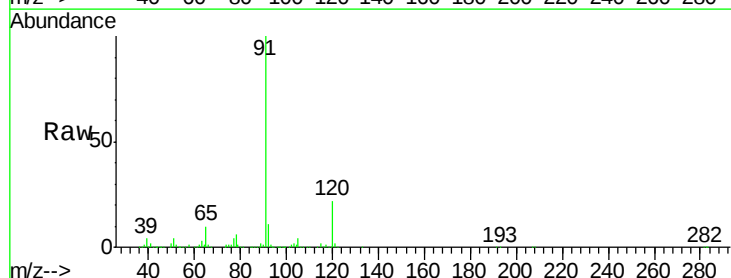
RT: 11.34 min Scan# 1682

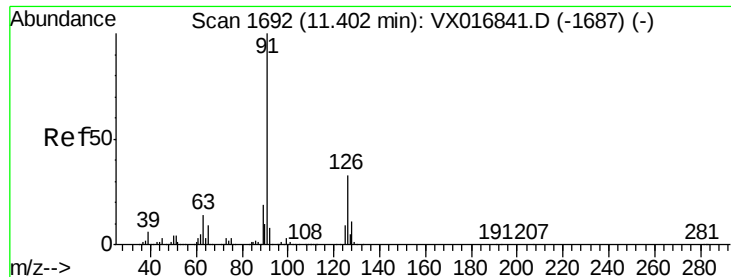
Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5





#79

2-Chlorotoluene

Concen: 50.958 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 574132

Ion Ratio Lower Upper

91 100

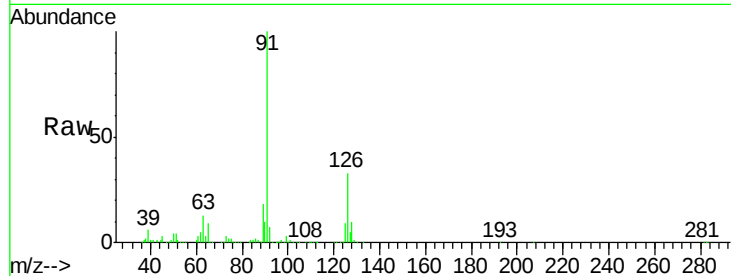
126 34.1 17.2 51.5

Manual Integrations

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MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)

800000

600000

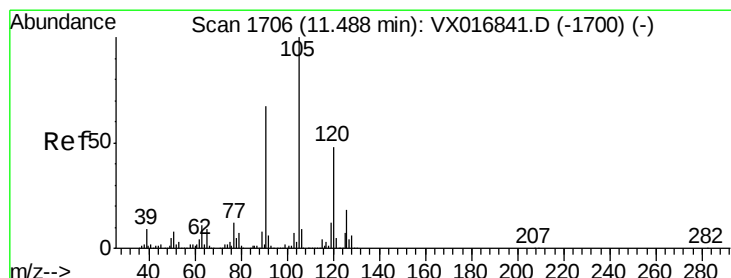
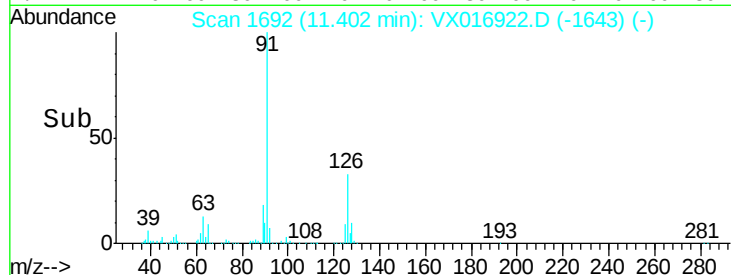
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.548 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016922.D

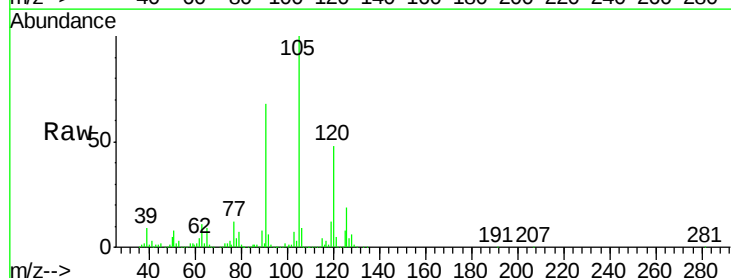
Acq: 22 Jun 2020 15:50

Tgt Ion: 105 Resp: 719615

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)

600000

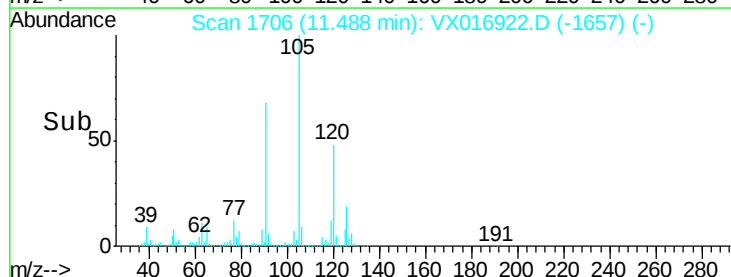
400000

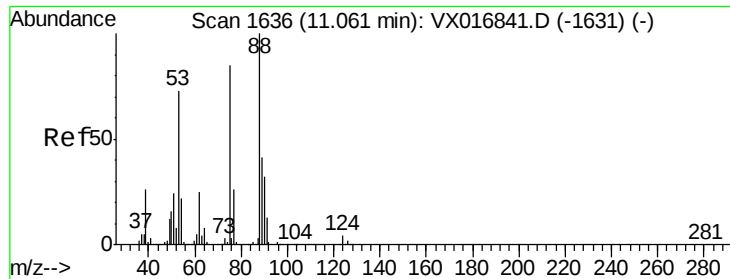
200000

0

11.40 11.50 11.60

Time-->





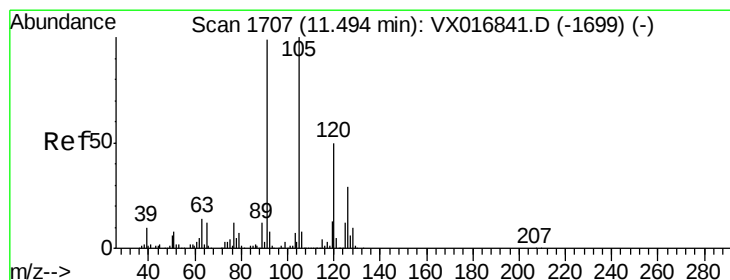
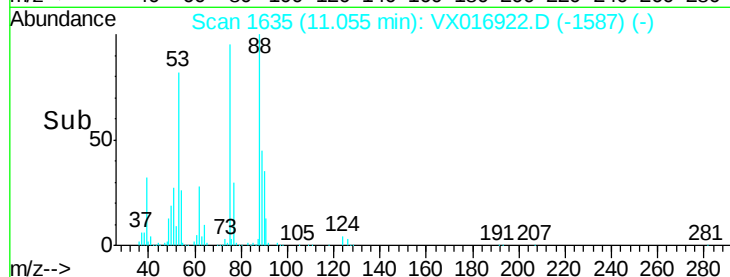
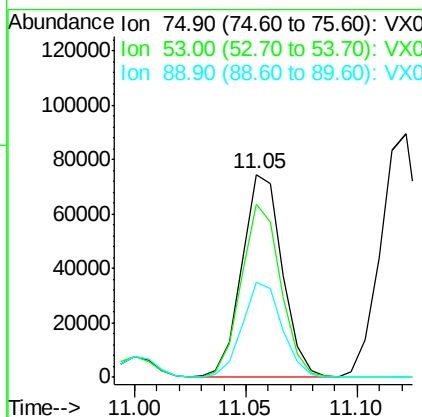
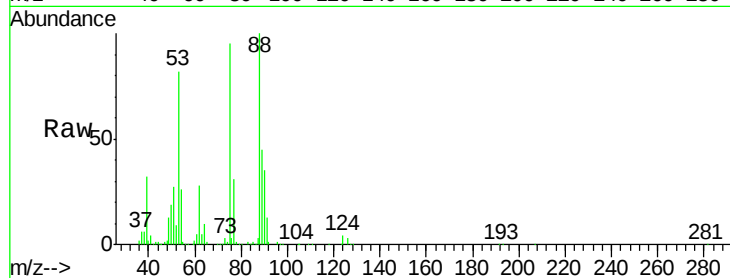
#81
trans-1,4-Dichloro-2-butene
Concen: 49.224 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.8	69.8	104.8
89	46.2	38.3	57.5

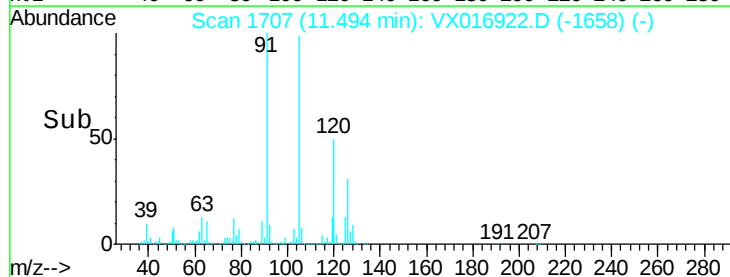
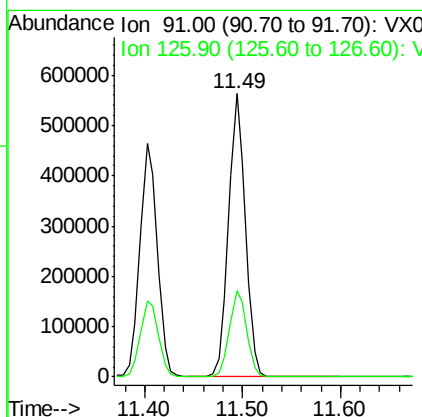
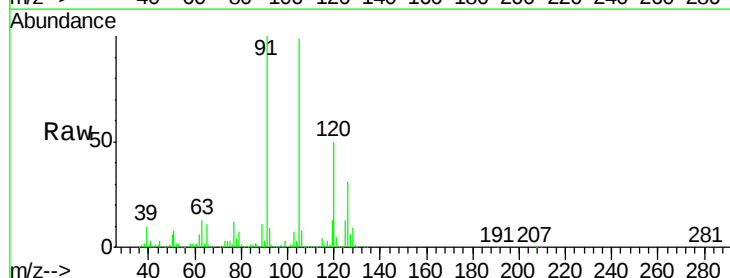
Manual Integrations
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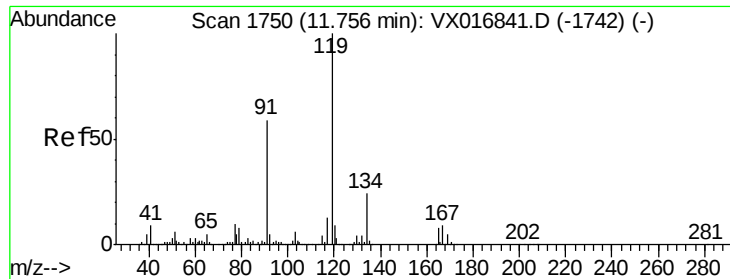
MMDadoda
6/23/2020 11:03:05 AM



#82
4-Chlorotoluene
Concen: 49.749 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.0	45.0





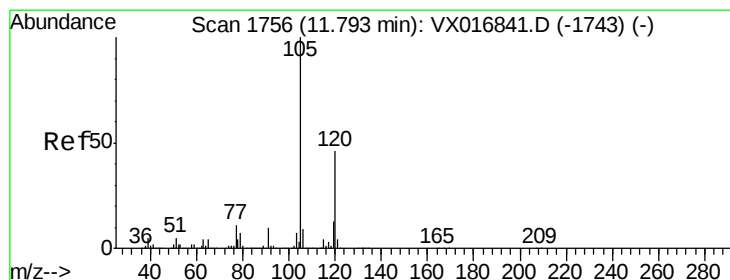
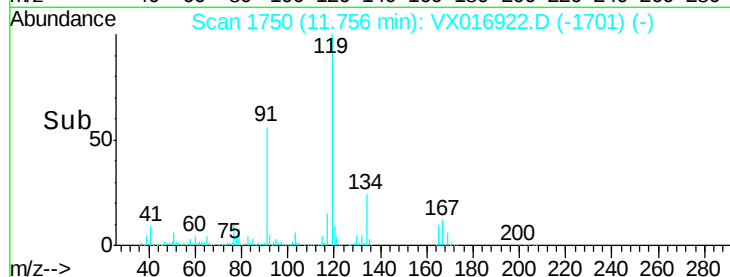
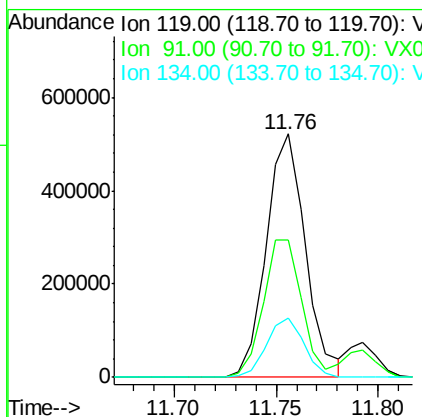
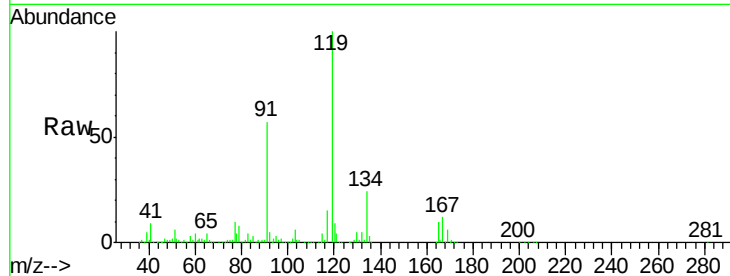
#83
tert-Butylbenzene
Concen: 49.530 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	697659		
91	55.4	28.5	85.5	
134	23.2	11.7	35.1	

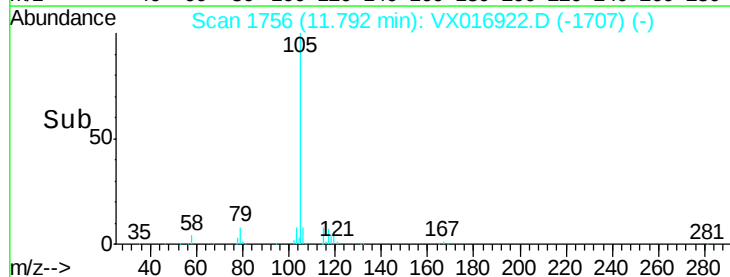
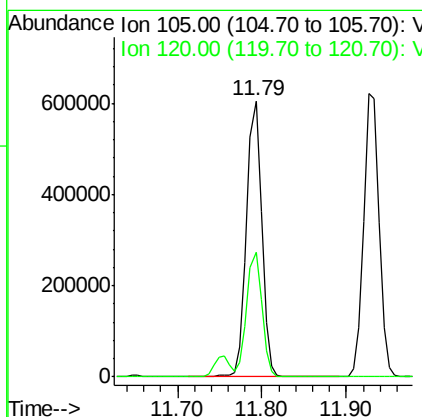
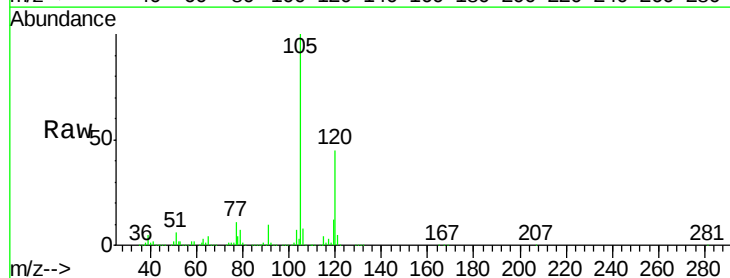
Manual Integrations
APPROVED

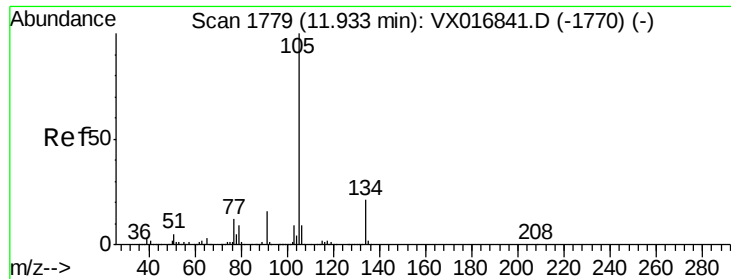
MMDadoda
6/23/2020 11:03:05 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.471 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	725485		
120	45.3	22.3	66.9	





#85

sec-Butylbenzene

Concen: 48.537 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 794008

Ion Ratio Lower Upper

105 100

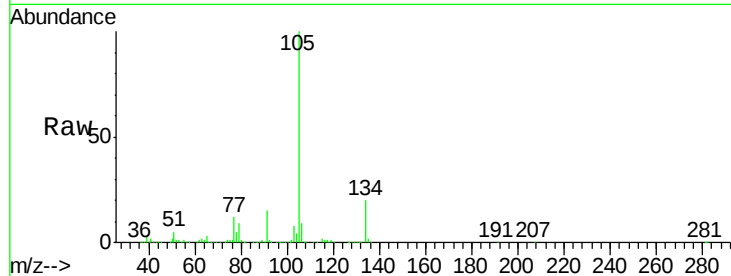
134 20.5 10.4 31.2

Manual Integrations

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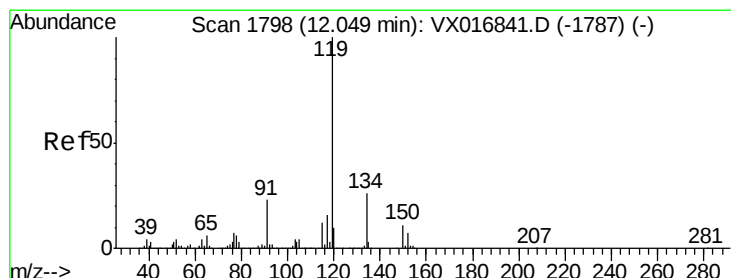
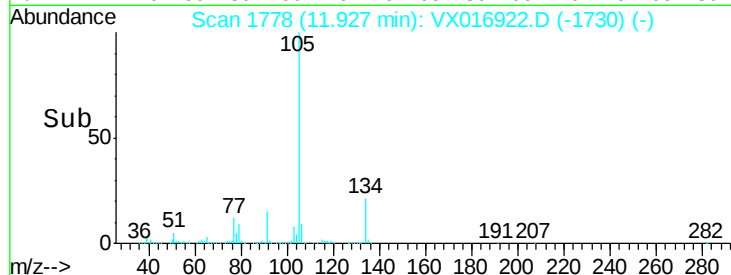
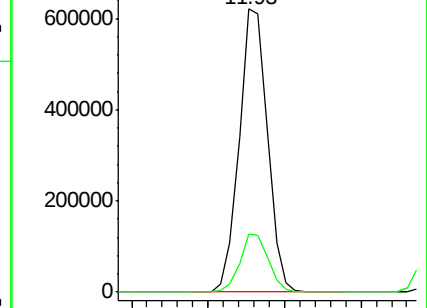
MMDadoda

6/23/2020 11:03:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.423 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

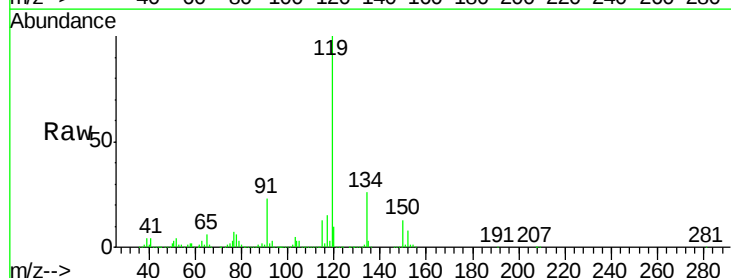
Tgt Ion:119 Resp: 755773

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

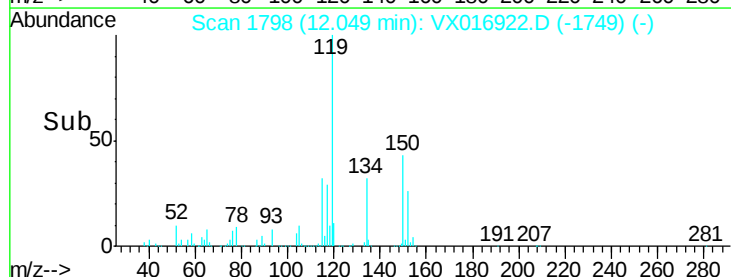
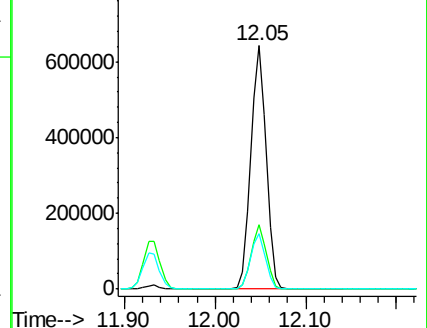
91 22.6 11.6 34.8

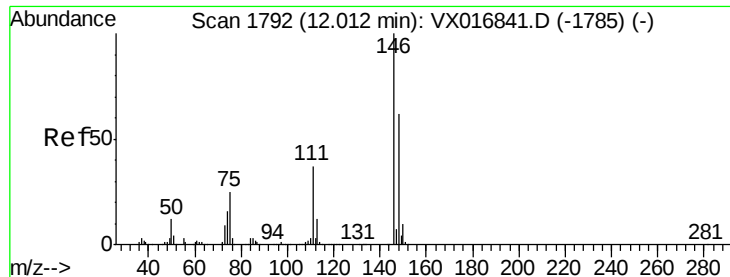


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





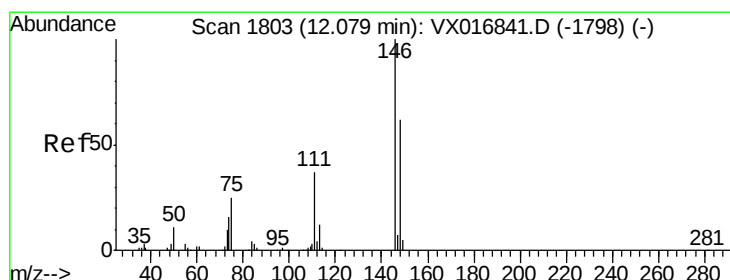
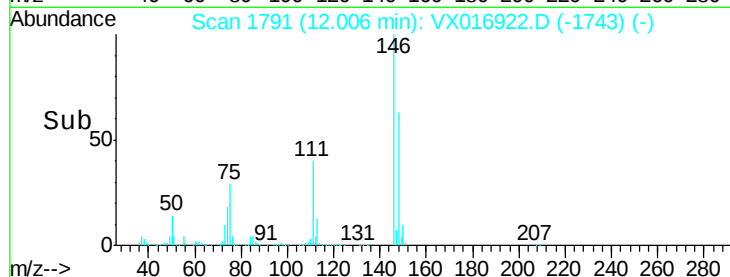
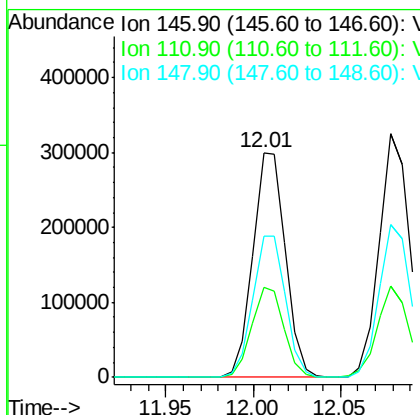
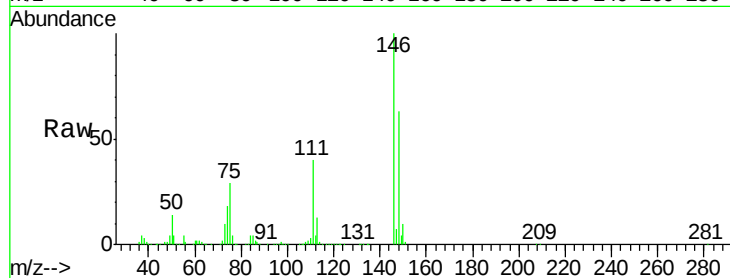
#87
 1,3-Dichlorobenzene
 Concen: 47.613 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.2
148	63.3	31.8	95.3

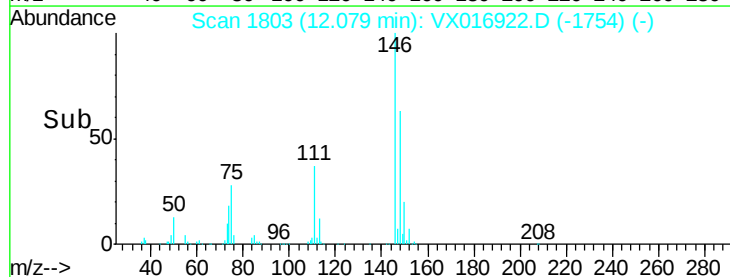
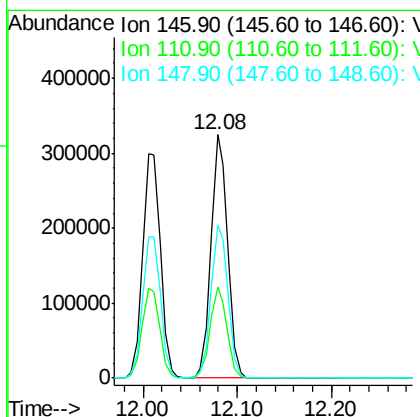
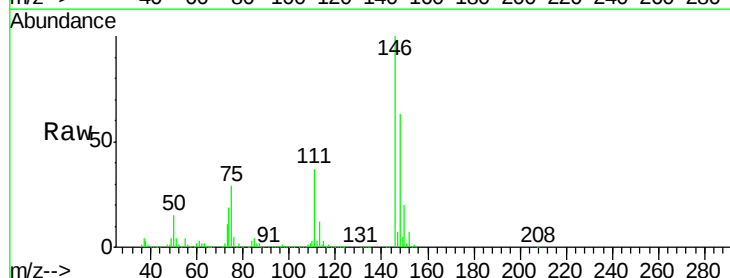
Manual Integrations
 APPROVED

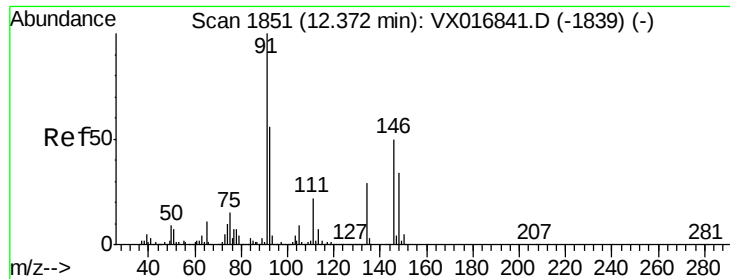
MMDadoda
 6/23/2020 11:03:05 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.361 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.0	31.6	95.0





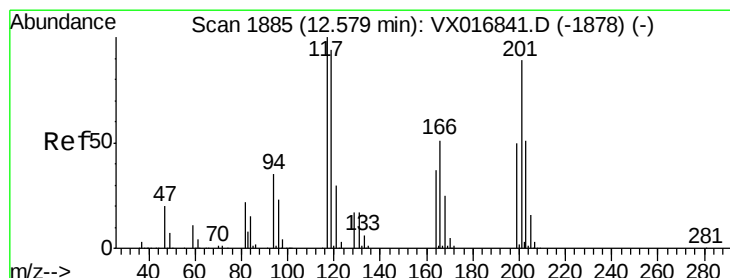
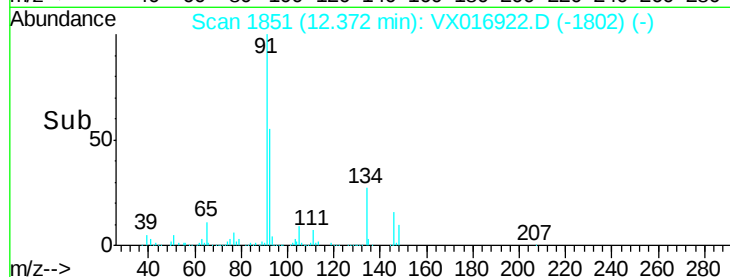
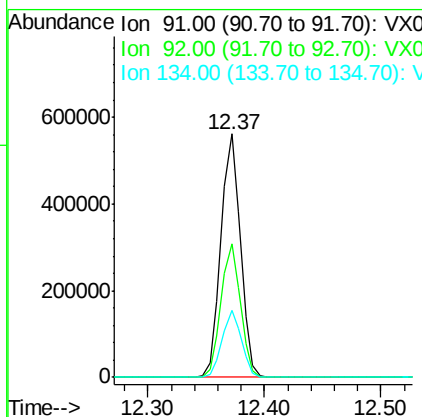
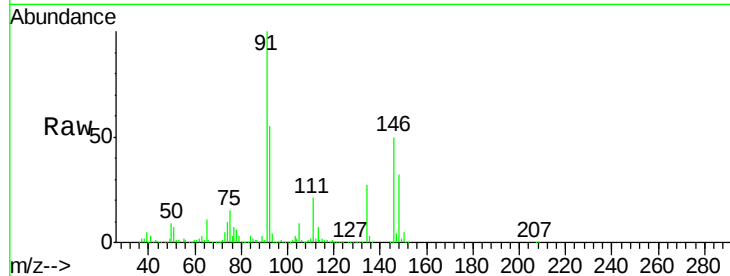
#89
n-Butylbenzene
Concen: 50.420 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.4	82.2
134	27.1	13.9	41.6

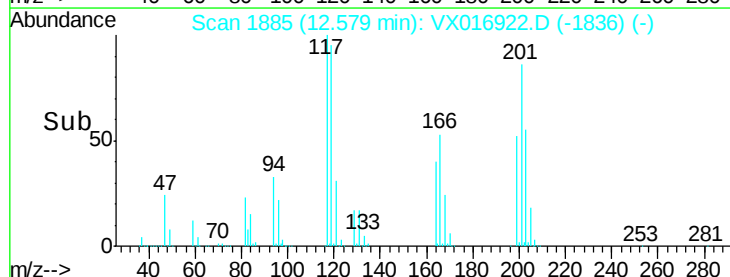
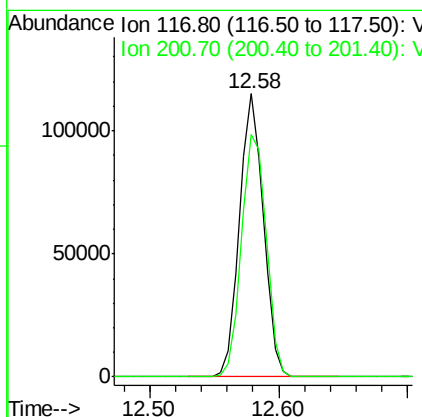
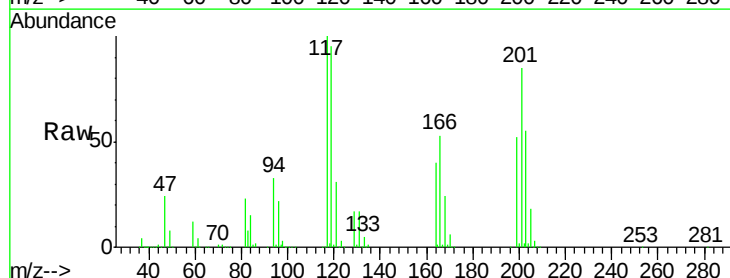
Manual Integrations
APPROVED

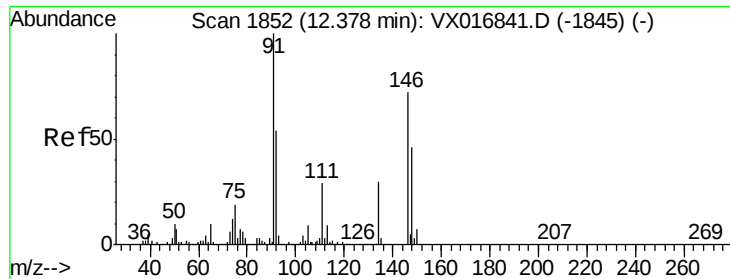
MMDadoda
6/23/2020 11:03:05 AM



#90
Hexachloroethane
Concen: 54.662 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.9	134.5





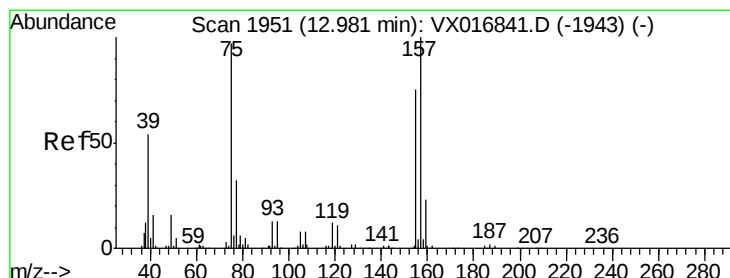
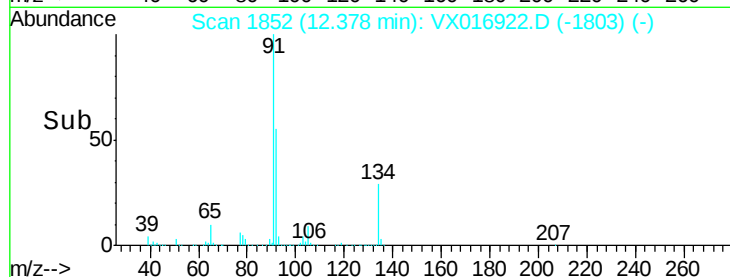
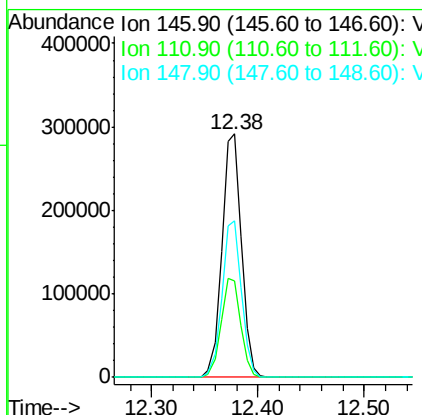
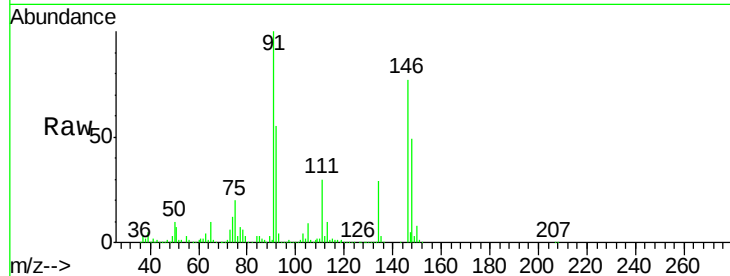
#91
1,2-Dichlorobenzene
Concen: 46.999 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.7
148	64.2	32.9	98.6

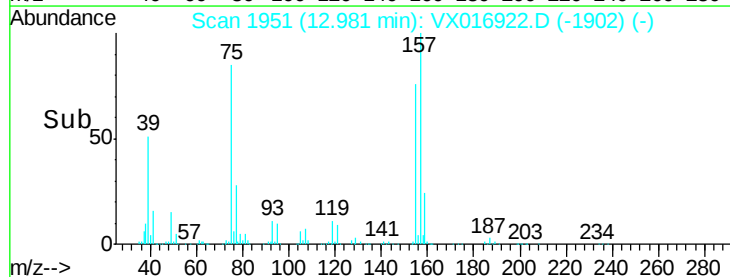
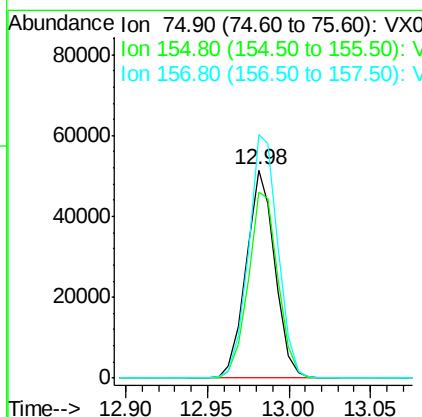
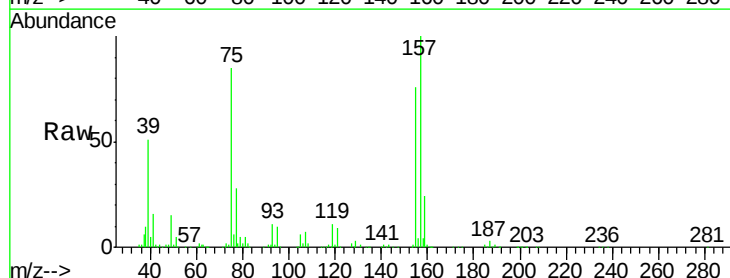
Manual Integrations
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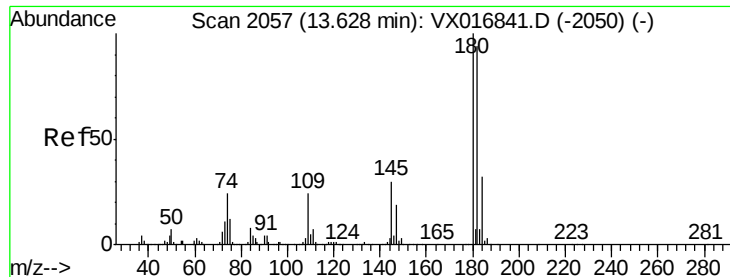
MMDadoda
6/23/2020 11:03:05 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.096 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016922.D
Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	46.4	139.1
157	120.3	58.6	175.8





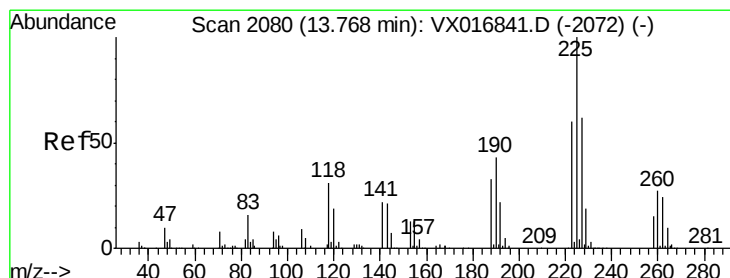
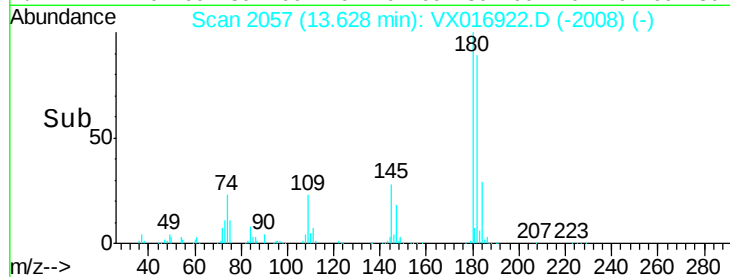
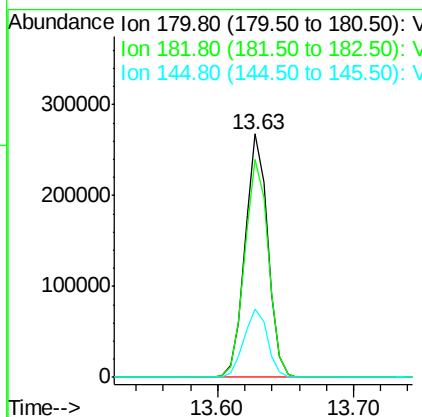
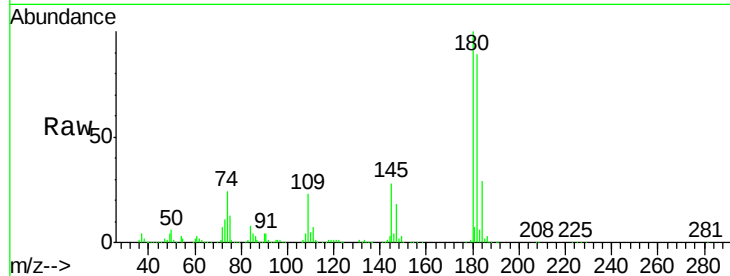
#93
 1,2,4-Trichlorobenzene
 Concen: 58.615 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	312387		
182	93.3	47.7	143.1	
145	29.2	15.0	45.1	

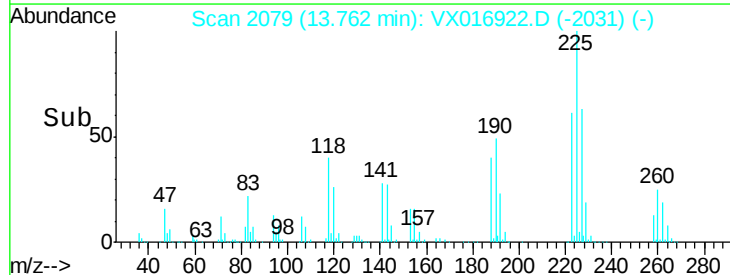
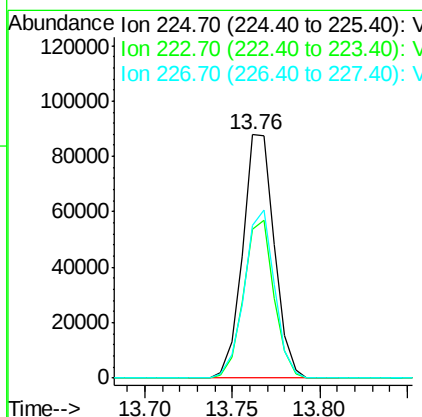
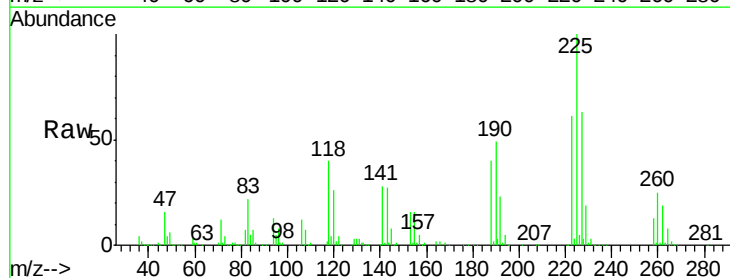
Manual Integrations
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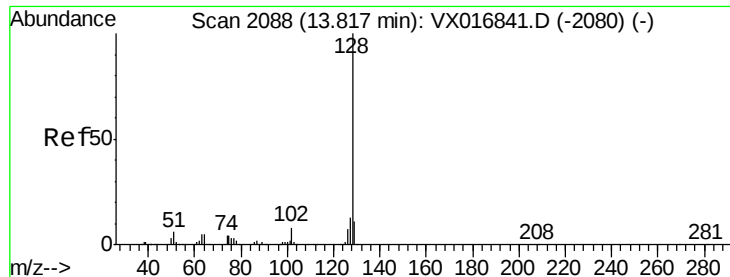
MMDadoda
 6/23/2020 11:03:05 AM



#94
 Hexachlorobutadiene
 Concen: 45.902 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016922.D
 Acq: 22 Jun 2020 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	110389		
223	62.2	32.1	96.5	
227	65.8	32.3	96.8	





#95

Naphthalene

Concen: 60.591 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Instrument :

MSVOA_X

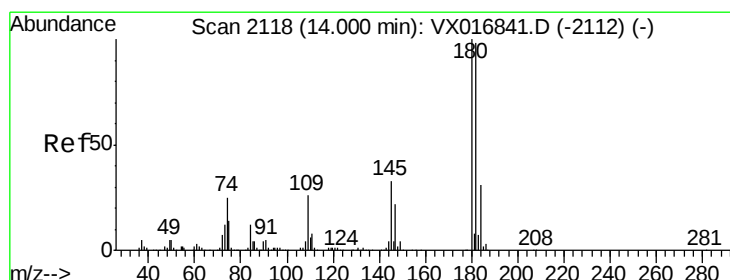
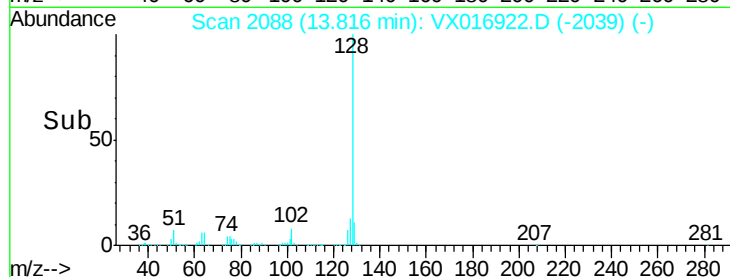
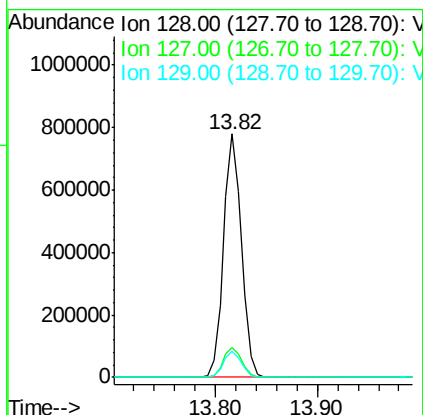
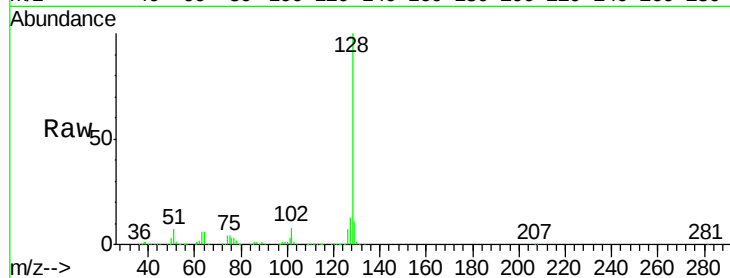
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	948032
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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6/23/2020 11:03:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 57.554 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016922.D

Acq: 22 Jun 2020 15:50

Tgt Ion:	180	Resp:	305895
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.4	142.3
145	31.6	16.0	48.0

