

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016930.D
 Acq On : 22 Jun 2020 19:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:24 AM

Quant Time: Jun 23 08:27:41 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	5.63	168	341985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	566683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250642	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	203622	49.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.02%	
35) Dibromofluoromethane	5.46	113	172090	47.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.94%	
50) Toluene-d8	8.70	98	748797	51.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	246115	44.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	210861	50.242	ug/l	100
3) Chloromethane	1.31	50	212174	49.858	ug/l	100
4) Vinyl Chloride	1.39	62	240026	50.044	ug/l	99
5) Bromomethane	1.62	94	113786	39.400	ug/l	97
6) Chloroethane	1.71	64	138042	46.731	ug/l	99
7) Trichlorofluoromethane	1.92	101	302500	45.084	ug/l	100
8) Diethyl Ether	2.17	74	124767	47.827	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	158367	44.311	ug/l	98
10) Methyl Iodide	2.49	142	107856	31.700	ug/l	97
11) Tert butyl alcohol	3.01	59	182508	262.487	ug/l	99
12) 1,1-Dichloroethene	2.35	96	168071	45.989	ug/l	99
13) Acrolein	2.27	56	205374	487.177	ug/l	100
14) Allyl chloride	2.71	41	256437	53.048	ug/l	94
15) Acrylonitrile	3.12	53	441499	277.088	ug/l	99
16) Acetone	2.42	43	364119	243.871	ug/l	99
17) Carbon Disulfide	2.55	76	421665	44.646	ug/l	98
18) Methyl Acetate	2.75	43	223756	58.934	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	523743	50.288	ug/l	99
20) Methylene Chloride	2.84	84	170608	47.649	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	161968	46.951	ug/l	95
22) Diisopropyl ether	3.82	45	501315	54.127	ug/l	97
23) Vinyl Acetate	3.78	43	2057246	269.371	ug/l	98
24) 1,1-Dichloroethane	3.67	63	291951	50.464	ug/l	99
25) 2-Butanone	4.63	43	721035	350.892	ug/l	96
26) 2,2-Dichloropropane	4.55	77	287620	53.064	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	215834	55.665	ug/l	96
28) Bromochloromethane	4.98	49	156676	65.249	ug/l	89
29) Tetrahydrofuran	5.09	42	437686	338.204	ug/l	94
30) Chloroform	5.18	83	338225	55.376	ug/l	99
31) Cyclohexane	5.55	56	275625	54.190	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	281612	48.715	ug/l	98
36) 1,1-Dichloropropene	5.77	75	252783	48.312	ug/l	98
37) Ethyl Acetate	4.79	43	285454	61.745	ug/l	98
38) Carbon Tetrachloride	5.76	117	250796	42.718	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	276235	45.404	ug/l	99
40) Benzene	6.11	78	729328	46.454	ug/l	100
41) Methacrylonitrile	5.01	41	152190	60.638	ug/l	96
42) 1,2-Dichloroethane	6.17	62	241630	43.250	ug/l	99
43) Isopropyl Acetate	6.41	43	408373	50.584	ug/l	99
44) Trichloroethene	7.19	130	204525	42.537	ug/l	100
45) 1,2-Dichloropropane	7.49	63	184720	46.802	ug/l	98
46) Dibromomethane	7.64	93	122926	45.927	ug/l	97
47) Bromodichloromethane	7.88	83	280880	49.342	ug/l	100
48) Methyl methacrylate	7.74	41	214998	56.554	ug/l	97
49) 1,4-Dioxane	7.71	88	86199	1012.925	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1458212	300.308	ug/l	98
52) Toluene	8.77	92	530113	50.898	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	341653	54.593	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	343111	51.249	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	211797	53.860	ug/l	97
56) Ethyl methacrylate	9.16	69	335079	58.860	ug/l	97
57) 1,3-Dichloropropane	9.35	76	361152	54.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	795416	300.285	ug/l	96
59) 2-Hexanone	9.48	43	1088486	309.549	ug/l	99
60) Dibromochloromethane	9.57	129	243825	51.686	ug/l	99
61) 1,2-Dibromoethane	9.65	107	226151	52.993	ug/l	99
64) Tetrachloroethene	9.32	164	219187	41.436	ug/l	98
65) Chlorobenzene	10.12	112	534842	46.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	205752	45.894	ug/l	98
67) Ethyl Benzene	10.24	91	933446	47.826	ug/l	99
68) m/p-Xylenes	10.34	106	680643	89.619	ug/l	99
69) o-Xylene	10.68	106	309823	44.118	ug/l	99
70) Styrene	10.69	104	548600	45.976	ug/l	100
71) Bromoform	10.84	173	157226	41.713	ug/l #	99
73) Isopropylbenzene	11.00	105	832358	51.579	ug/l	100
74) N-amyl acetate	10.88	43	338263	60.028	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	240046	52.679	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	230162m	50.281	ug/l	
77) Bromobenzene	11.24	156	214549	48.749	ug/l	97
78) n-propylbenzene	11.34	91	927236	51.485	ug/l	100
79) 2-Chlorotoluene	11.40	91	552886	50.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	693436	49.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91193	48.785	ug/l	97
82) 4-Chlorotoluene	11.49	91	643420	48.671	ug/l	99
83) tert-Butylbenzene	11.76	119	677654	49.190	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	703060	49.018	ug/l	98
85) sec-Butylbenzene	11.93	105	768332	48.022	ug/l	100
86) p-Isopropyltoluene	12.05	119	726394	49.551	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369518	45.956	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	373427	45.921	ug/l	99
89) n-Butylbenzene	12.37	91	600795	47.793	ug/l	100
90) Hexachloroethane	12.58	117	125379	47.480	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	352523	45.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55031	50.933	ug/l	96

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VSTDCCC050EC

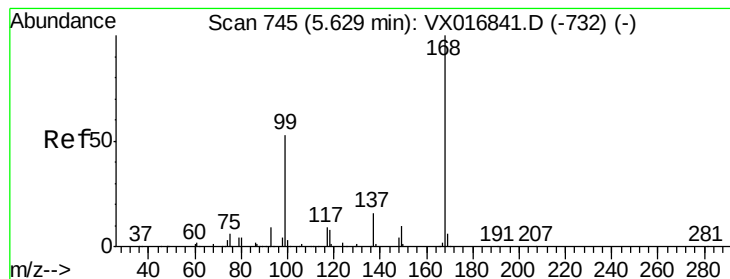
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	267724	51.362	ug/l	99
94) Hexachlorobutadiene	13.77	225	104137	44.274	ug/l	97
95) Naphthalene	13.82	128	853310	55.761	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	253479	48.763	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 341985

Ion Ratio Lower Upper

168 100

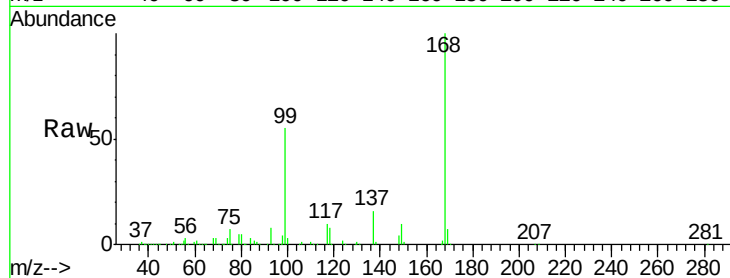
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Manual Integrations

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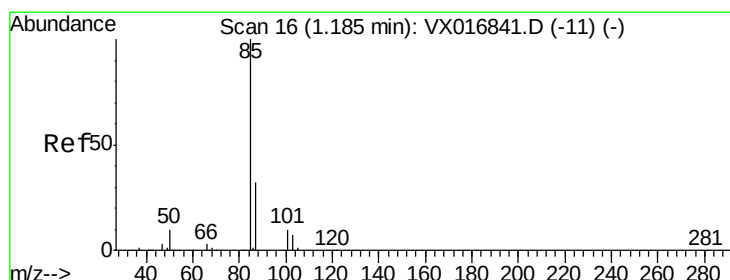
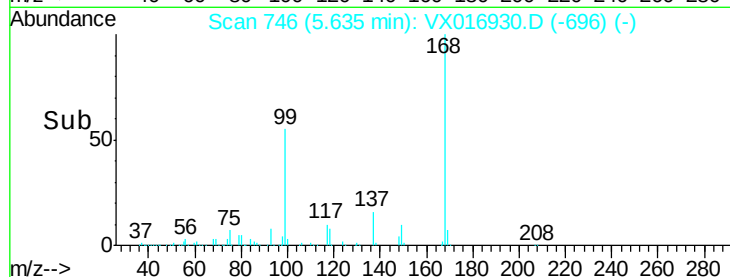
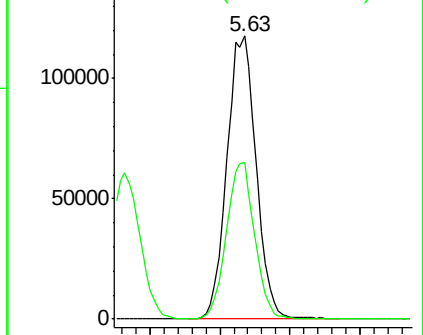
MMDadoda

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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: 50.242 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016930.D

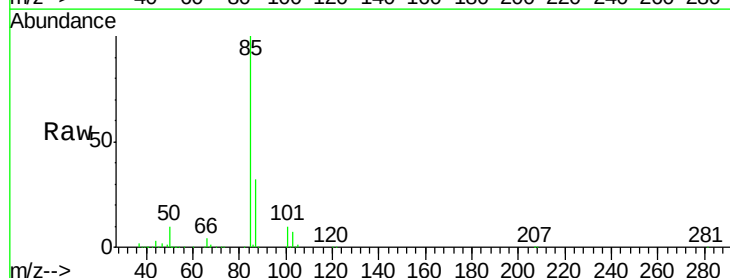
Acq: 22 Jun 2020 19:15

Tgt Ion: 85 Resp: 210861

Ion Ratio Lower Upper

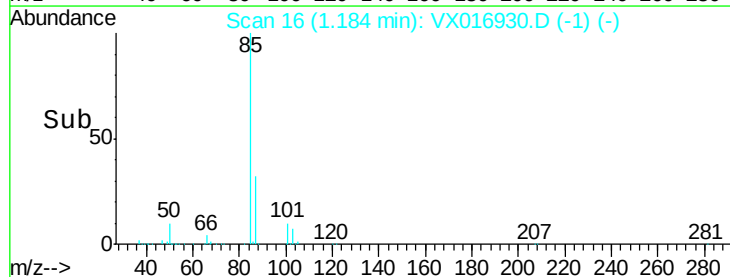
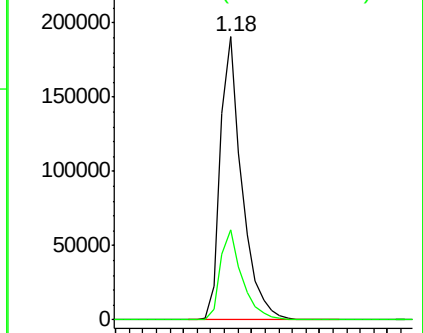
85 100

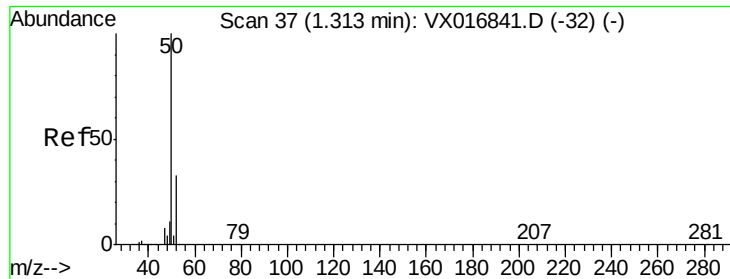
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.858 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 212174

Ion Ratio Lower Upper

50 100

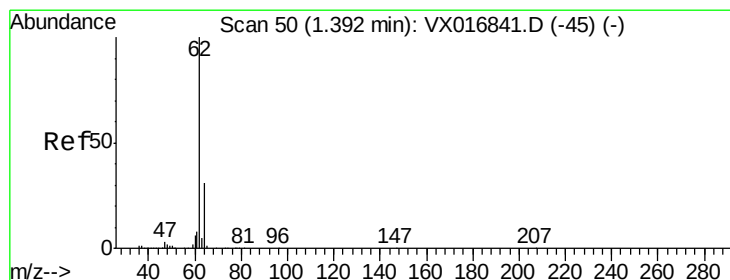
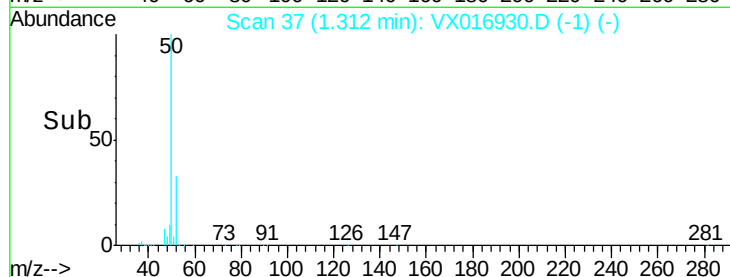
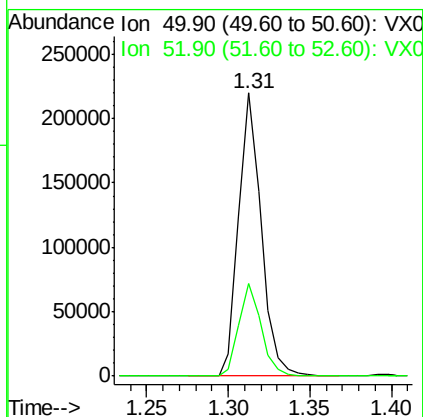
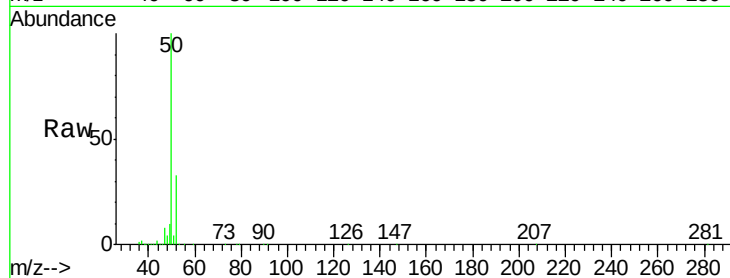
52 32.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 50.044 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016930.D

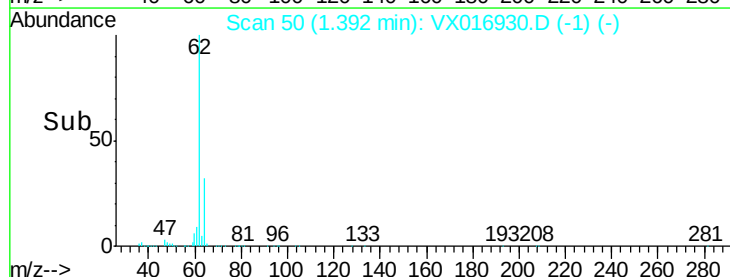
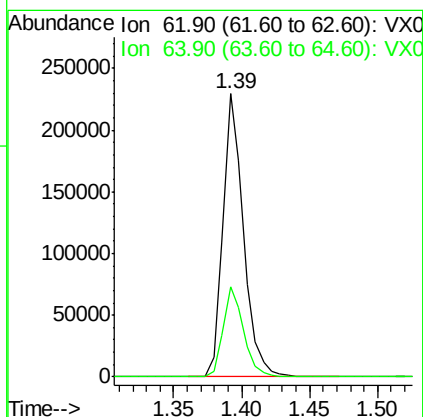
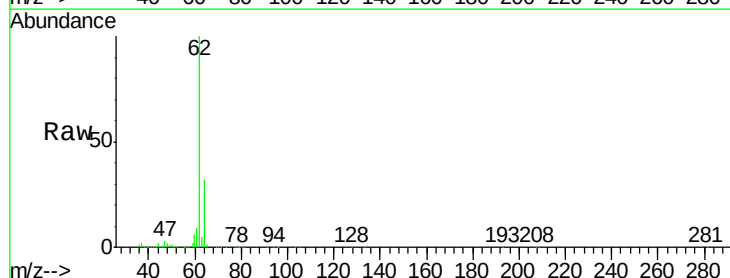
Acq: 22 Jun 2020 19:15

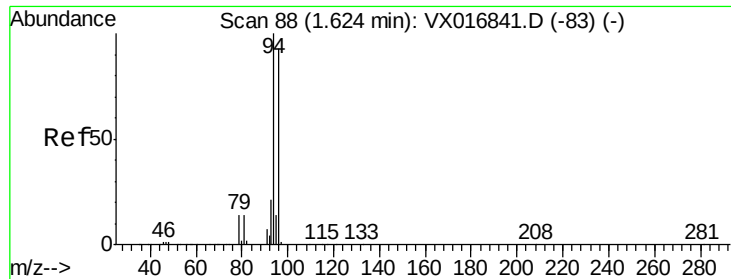
Tgt Ion: 62 Resp: 240026

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.4





#5

Bromomethane

Concen: 39.400 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113786

Ion Ratio Lower Upper

94 100

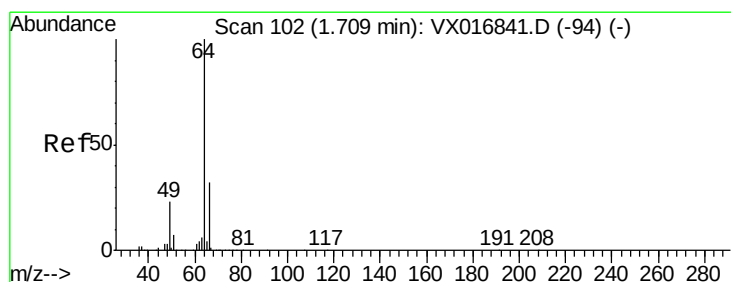
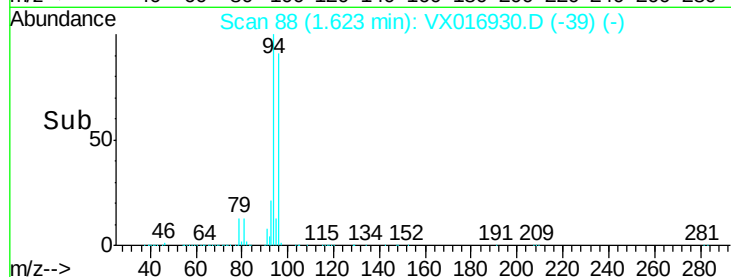
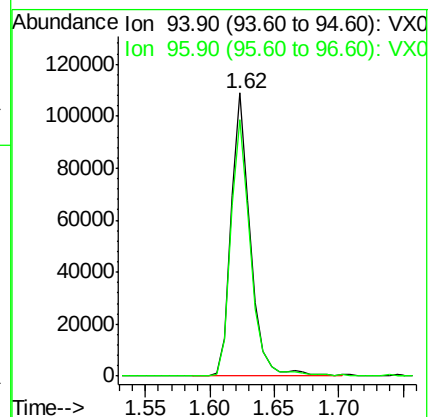
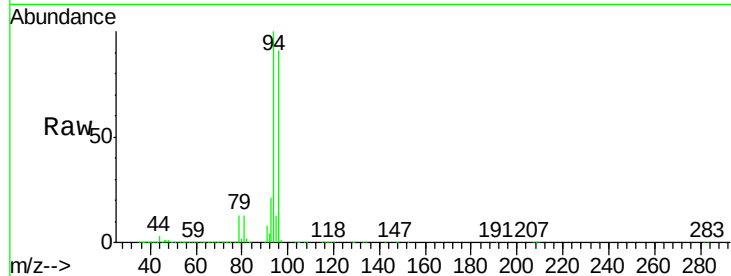
96 90.6 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 46.731 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016930.D

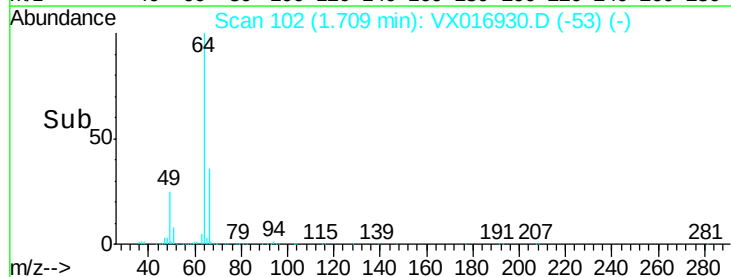
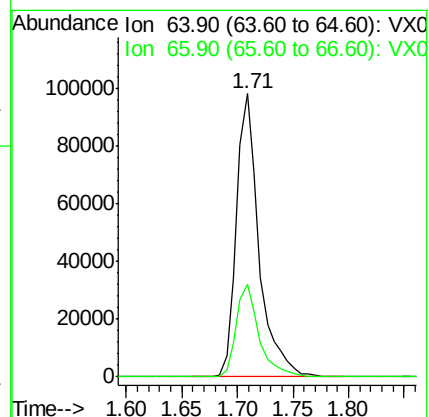
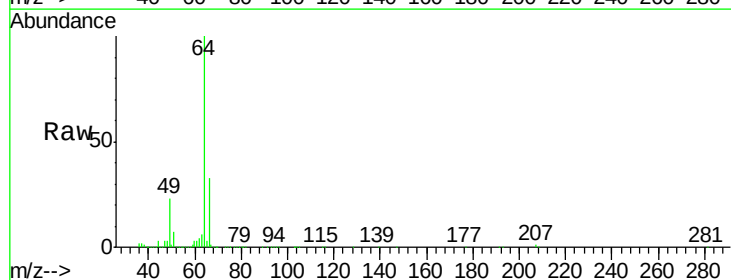
Acq: 22 Jun 2020 19:15

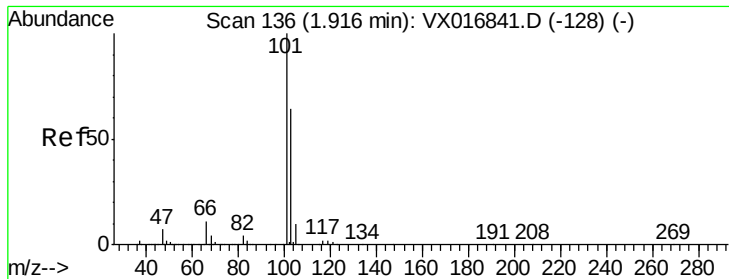
Tgt Ion: 64 Resp: 138042

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5





#7

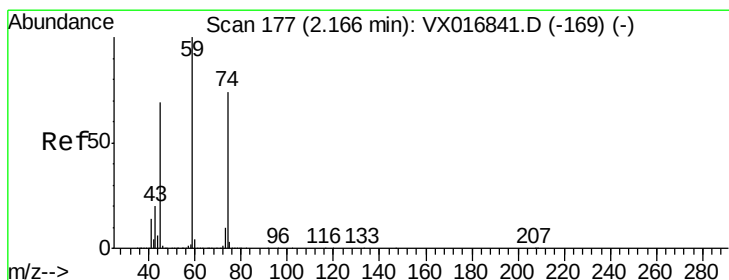
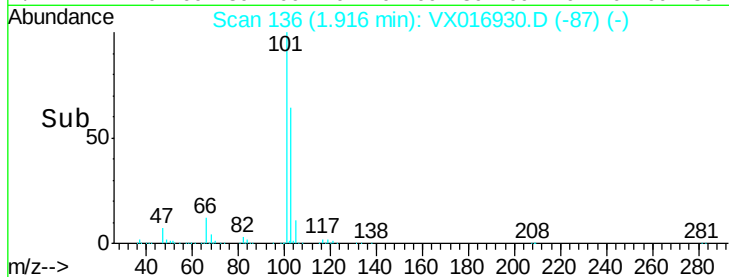
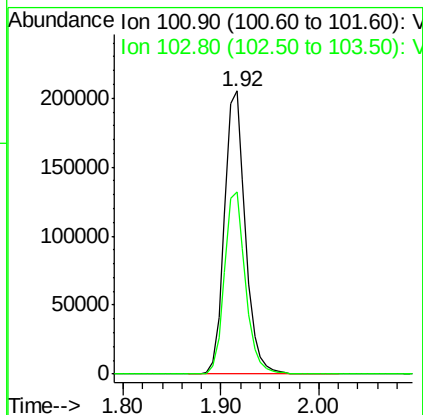
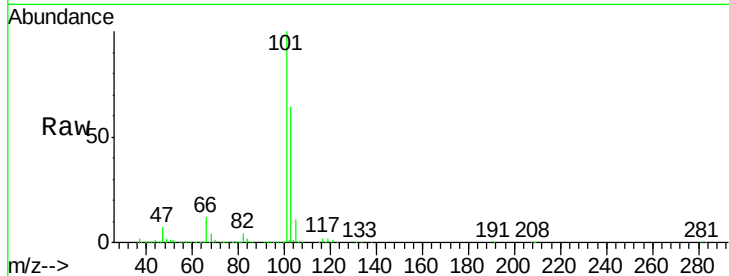
Trichlorofluoromethane
Concen: 45.084 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.2	76.8

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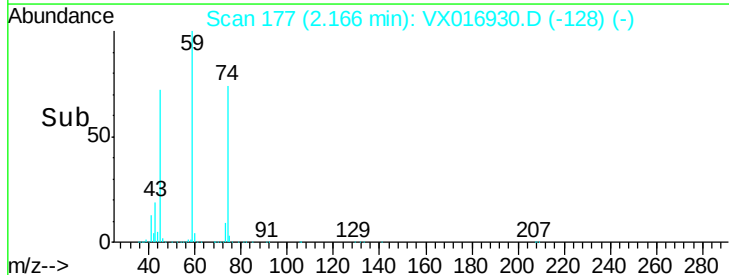
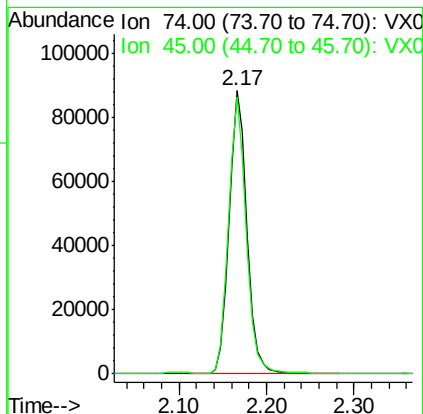
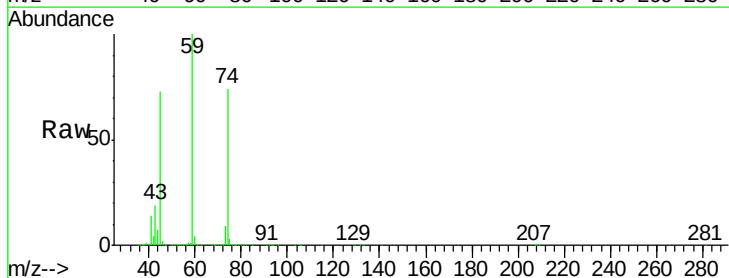
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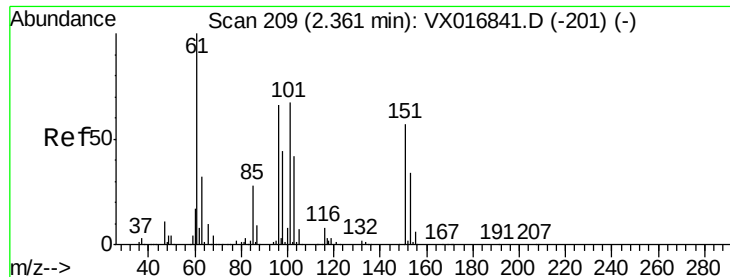


#8

Diethyl Ether
Concen: 47.827 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.311 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

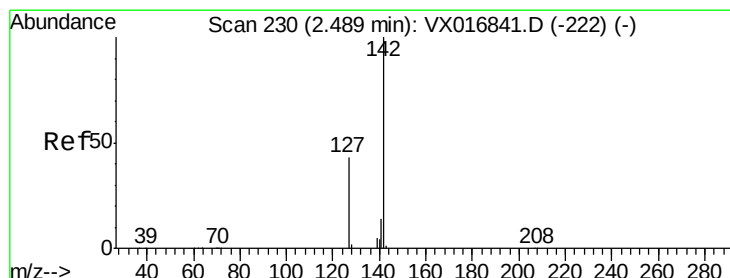
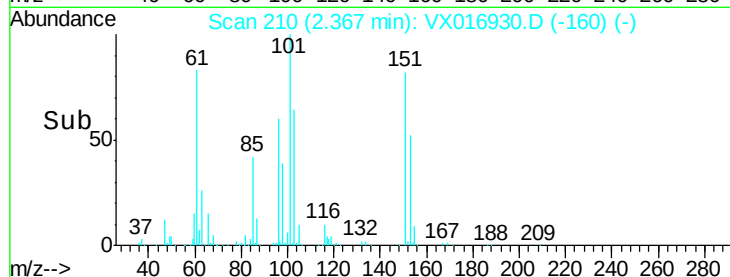
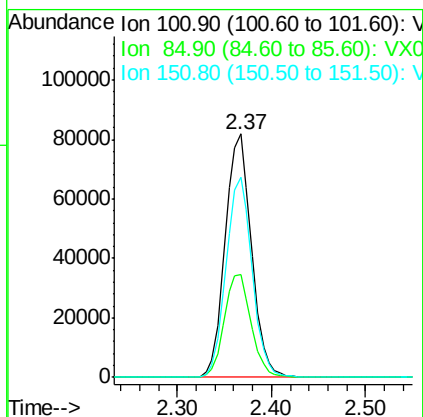
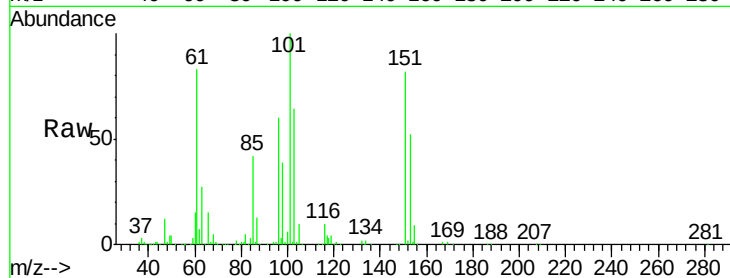
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	158367
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.3	51.5
151	81.7	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 31.700 ug/l

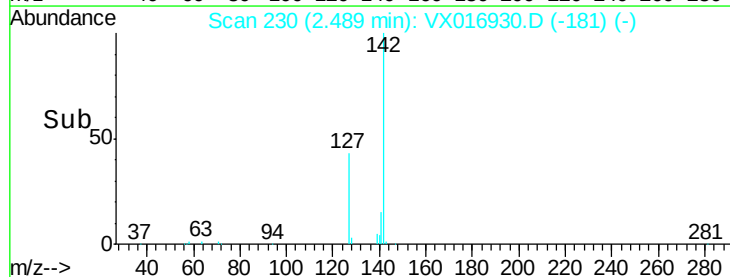
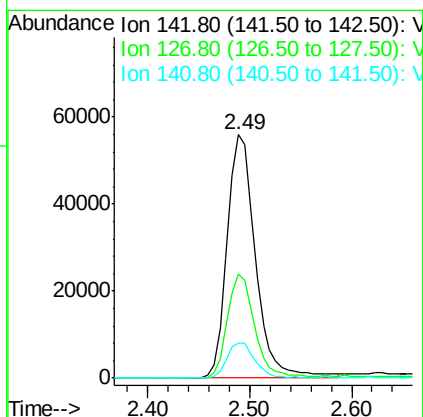
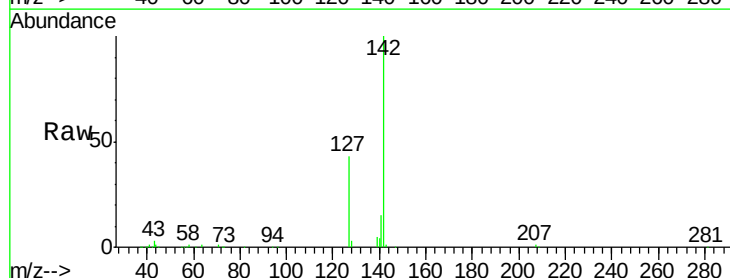
RT: 2.49 min Scan# 230

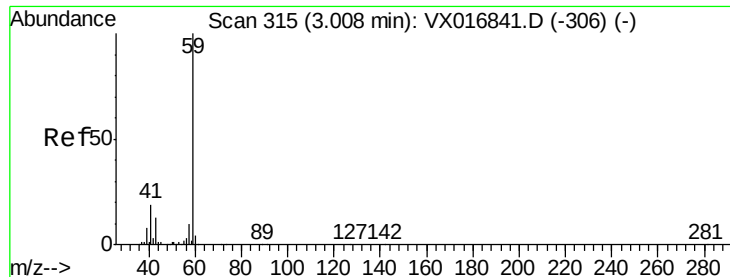
Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	142	Resp:	107856
Ion Ratio	Lower	Upper	
142	100		
127	41.0	35.1	52.7
141	14.5	11.6	17.4





#11

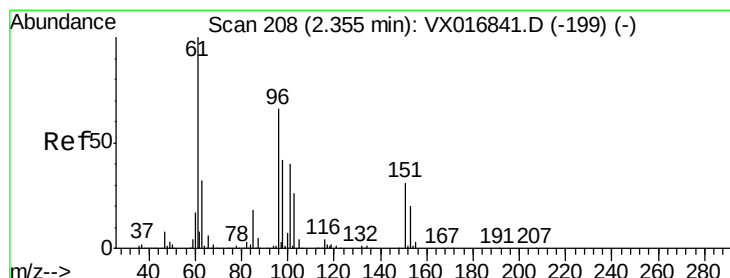
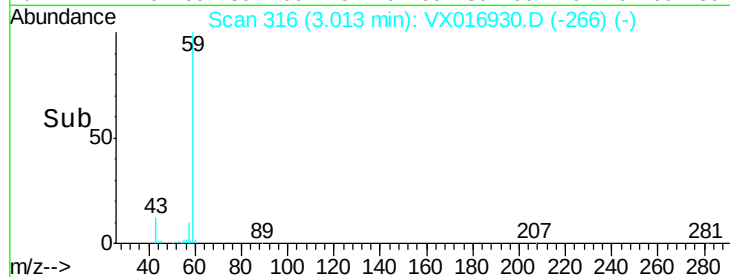
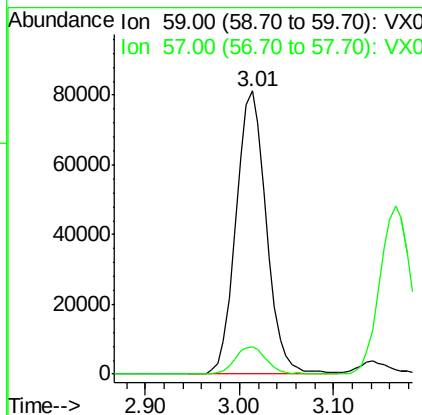
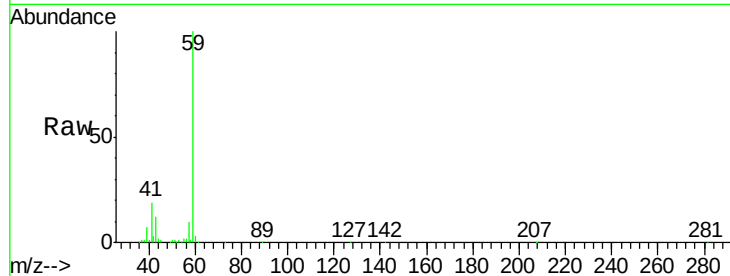
Tert butyl alcohol
 Concen: 262.487 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

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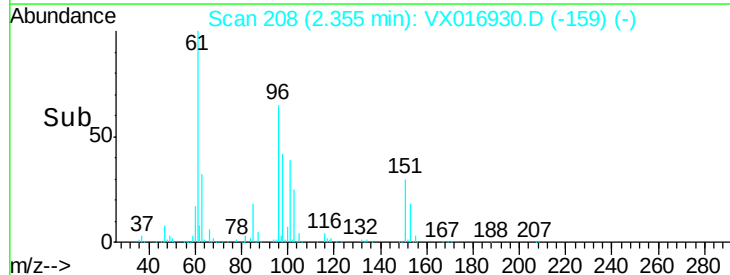
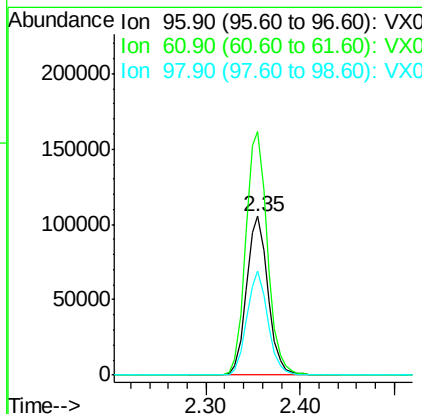
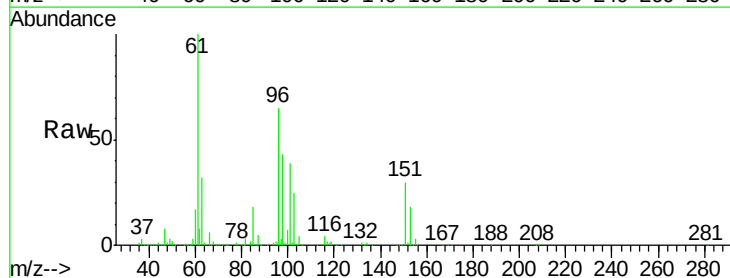
MMDadoda
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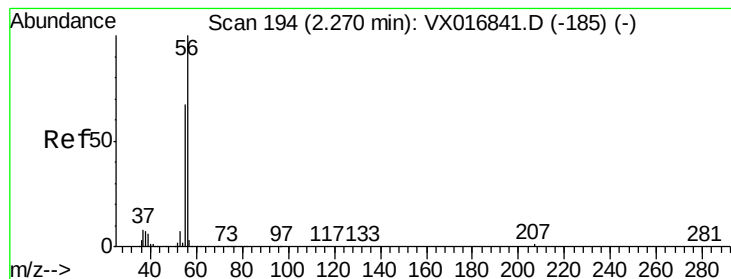


#12

1,1-Dichloroethene
 Concen: 45.989 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.2	121.7	182.5
98	65.2	51.1	76.7





#13

Acrolein

Concen: 487.177 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 205374

Ion Ratio Lower Upper

56 100

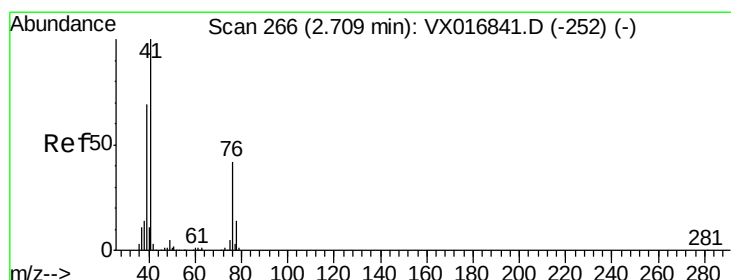
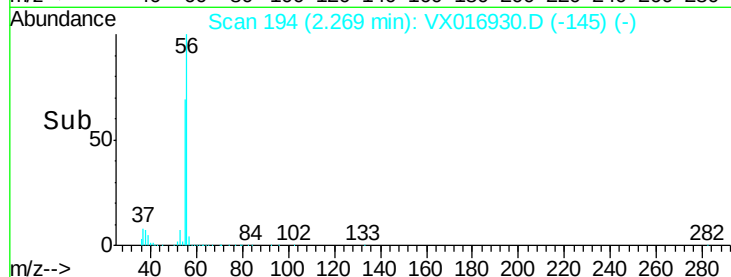
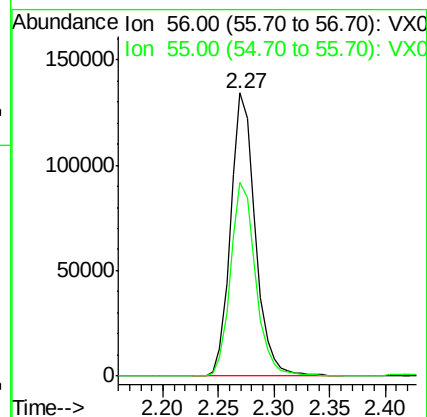
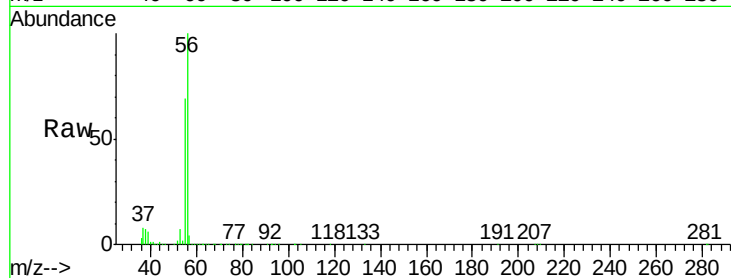
55 69.4 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 53.048 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

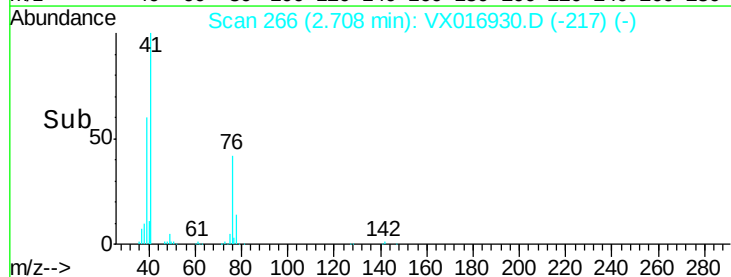
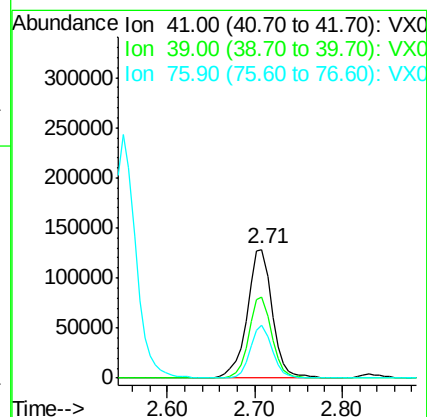
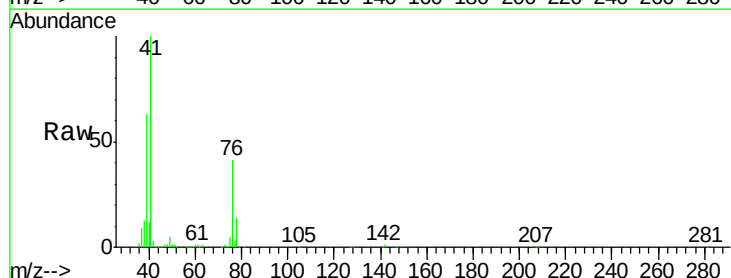
Tgt Ion: 41 Resp: 256437

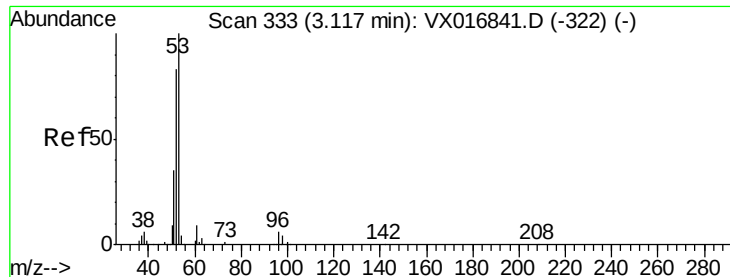
Ion Ratio Lower Upper

41 100

39 57.8 50.7 76.1

76 35.6 30.9 46.3





#15

Acrylonitrile

Concen: 277.088 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

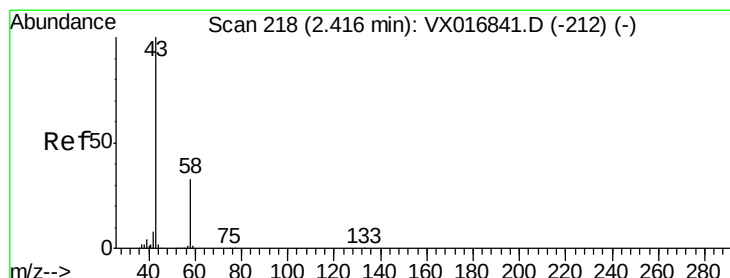
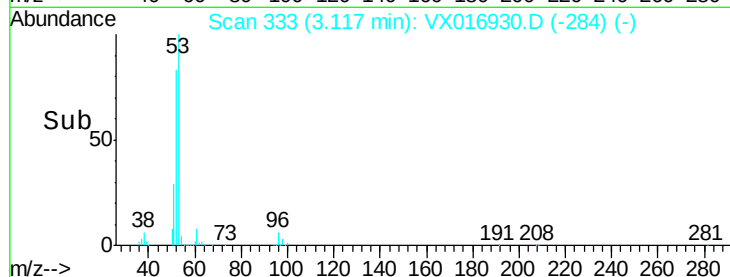
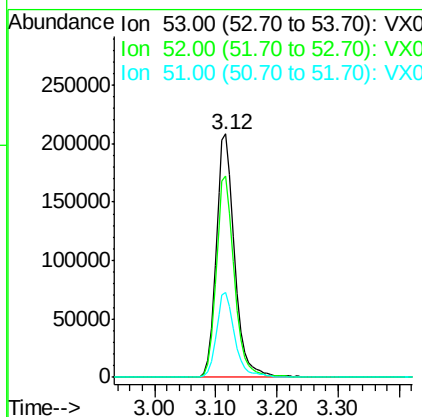
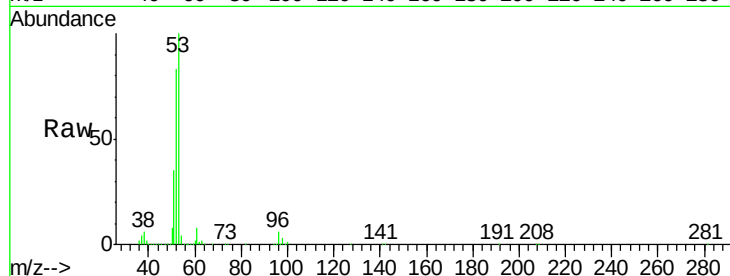
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	441499
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.2
51	34.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 243.871 ug/l

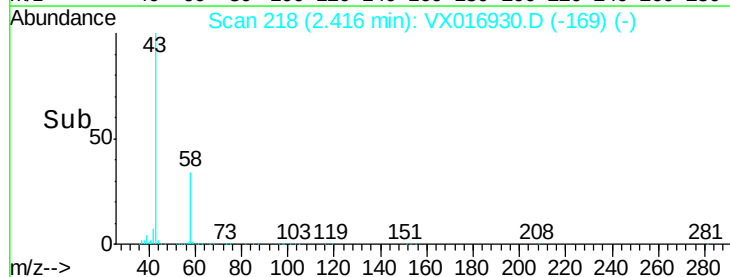
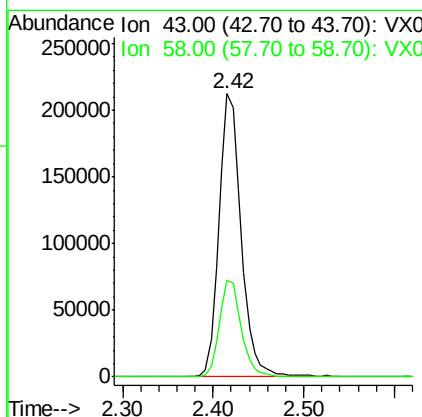
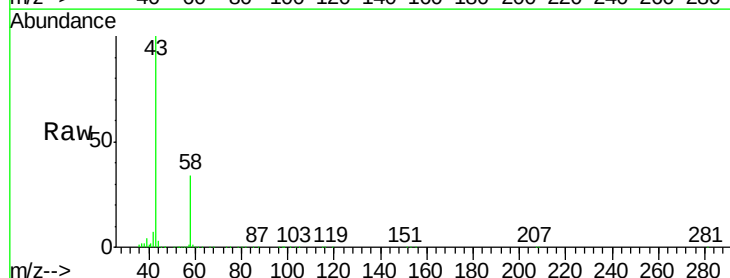
RT: 2.42 min Scan# 218

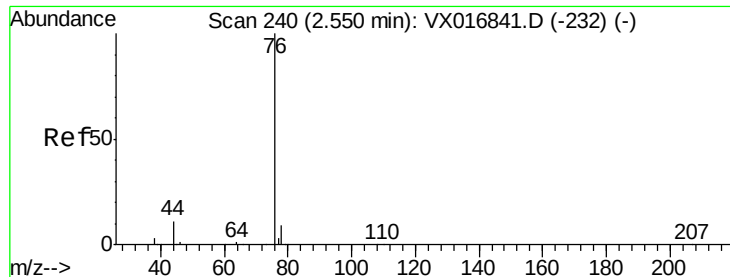
Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	43	Resp:	364119
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.6	39.8





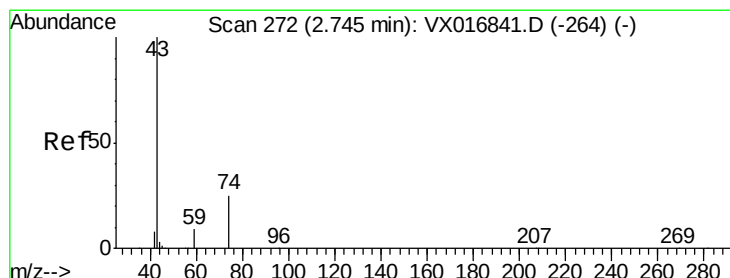
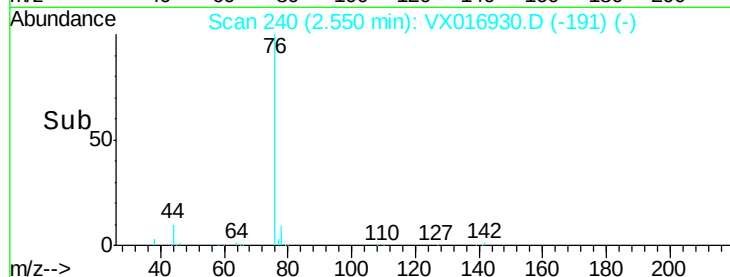
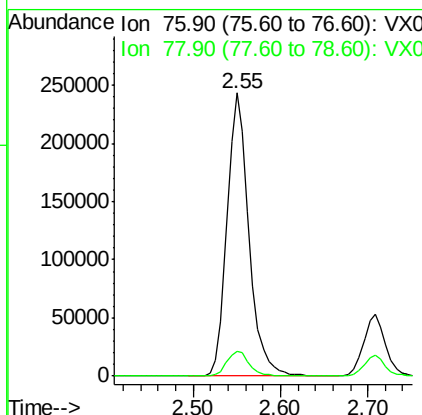
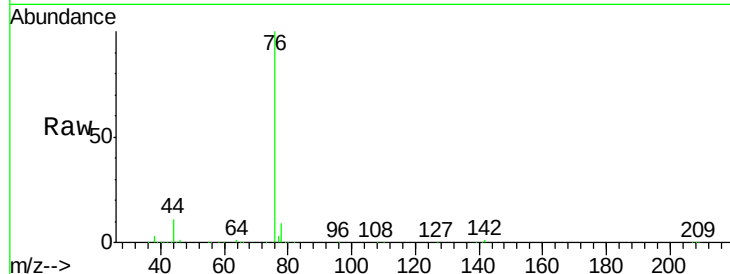
#17
Carbon Disulfide
Concen: 44.646 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

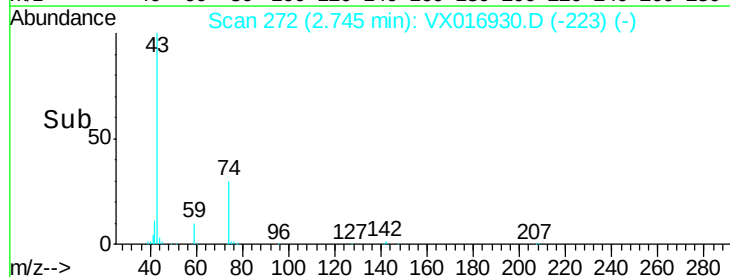
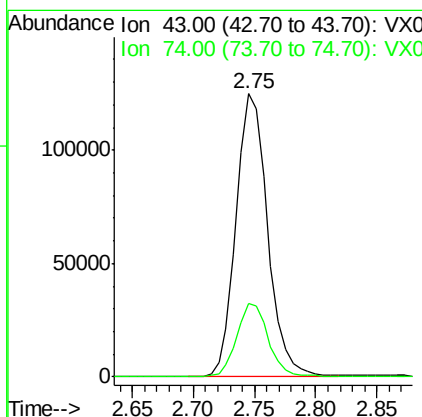
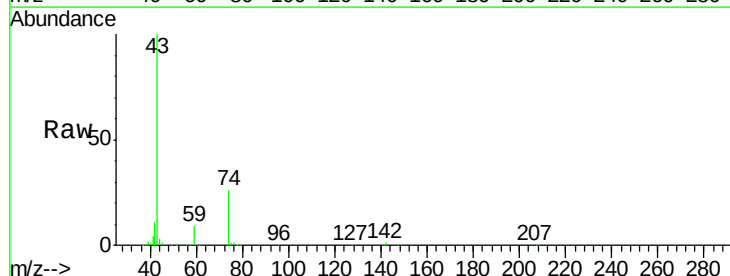
Manual Integrations
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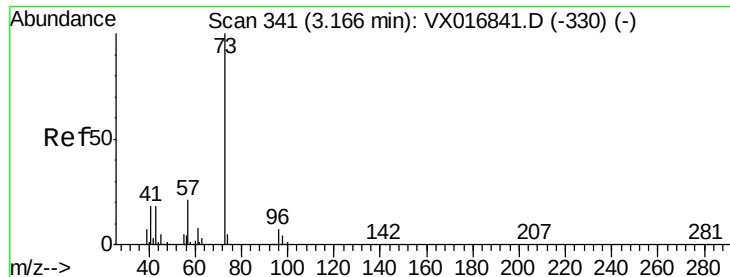
MMDadoda
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#18
Methyl Acetate
Concen: 58.934 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.8	32.8





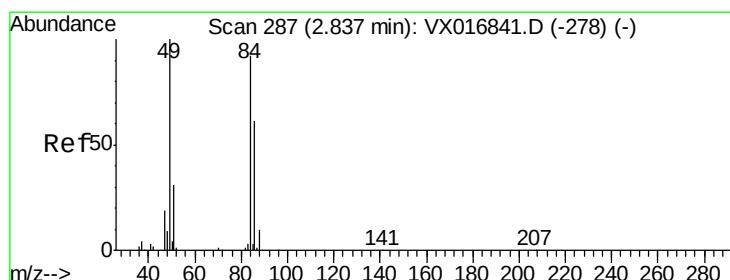
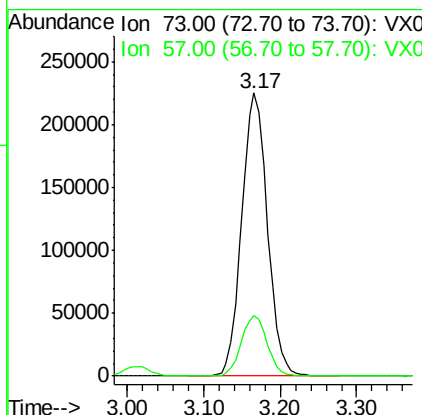
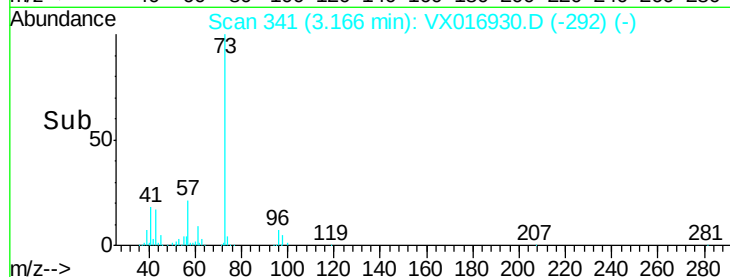
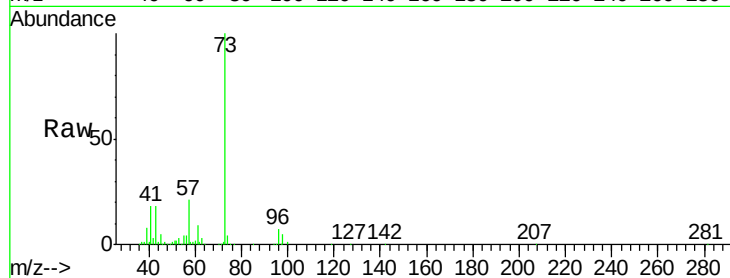
#19
Methyl tert-butyl Ether
Concen: 50.288 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.9	25.3

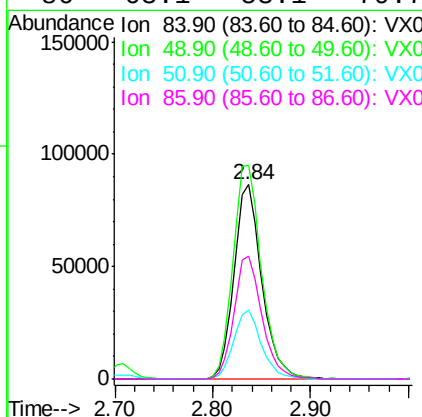
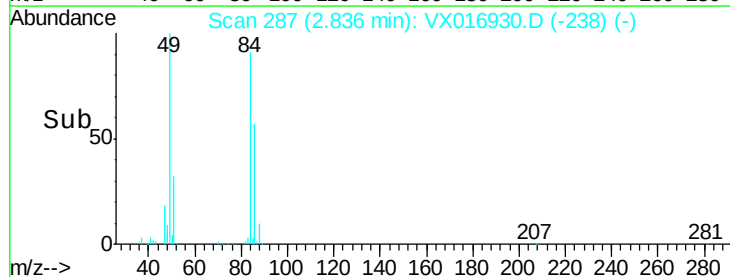
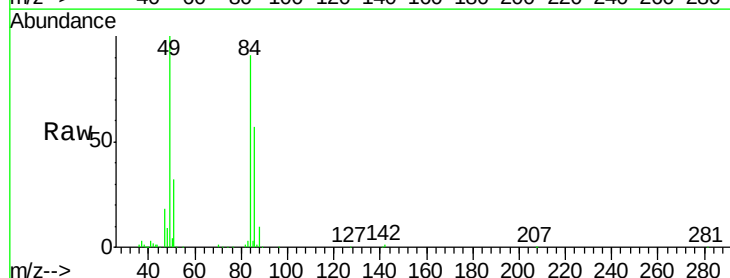
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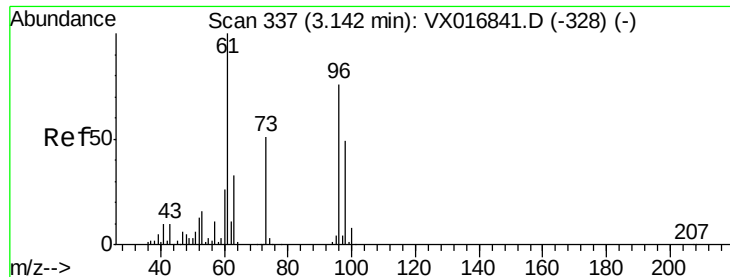
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#20
Methylene Chloride
Concen: 47.649 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	86.6	129.8
51	35.3	27.1	40.7
86	63.1	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 46.951 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

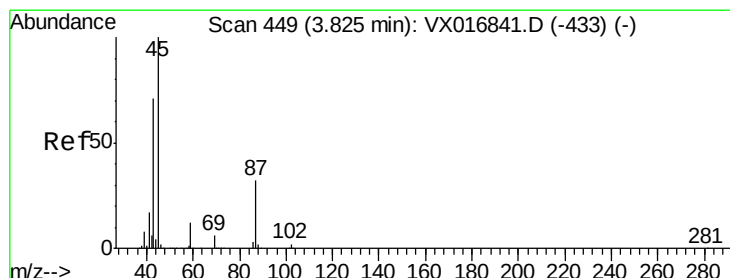
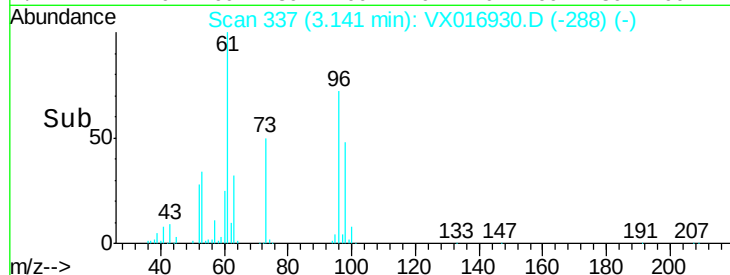
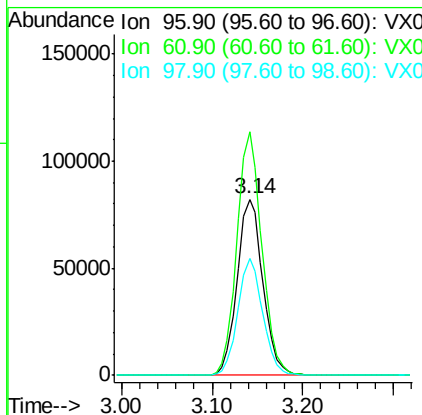
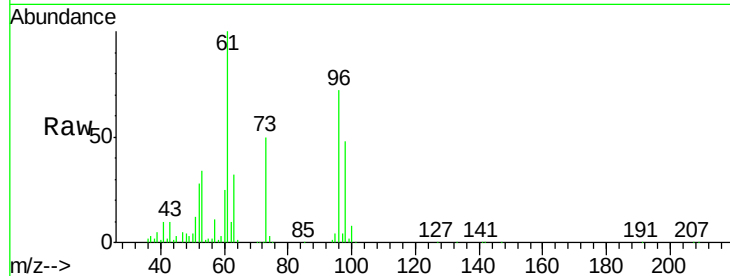
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	161968
Ion	Ratio	Lower	Upper
96	100		
61	138.1	105.4	158.0
98	66.3	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.127 ug/l

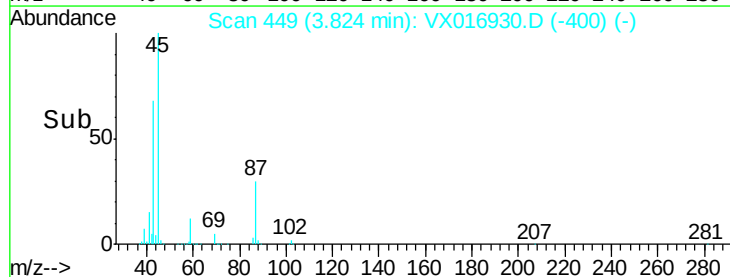
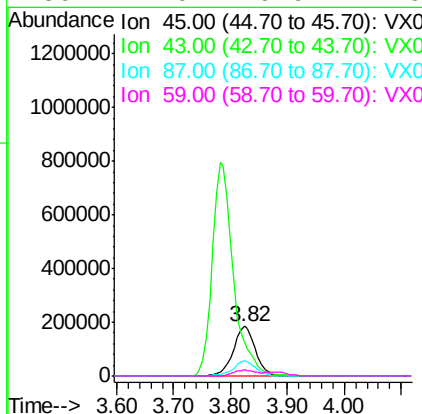
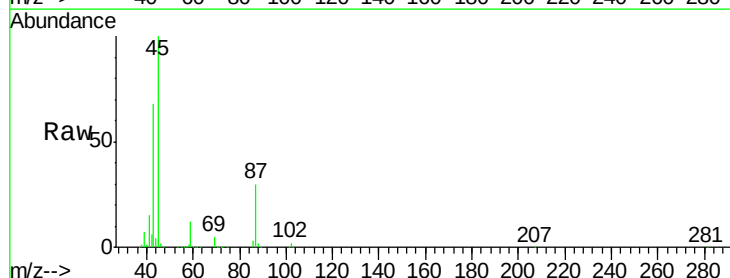
RT: 3.82 min Scan# 449

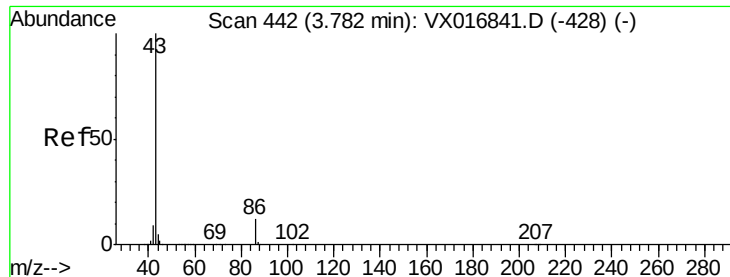
Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	45	Resp:	501315
Ion	Ratio	Lower	Upper
45	100		
43	67.8	57.0	85.4
87	29.8	25.2	37.8
59	12.0	9.9	14.9





#23

Vinyl Acetate

Concen: 269.371 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2057246

Ion Ratio Lower Upper

43 100

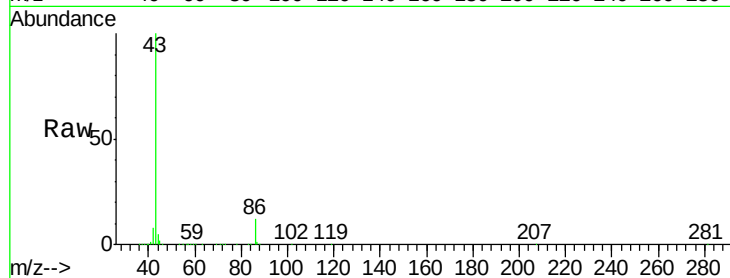
86 11.6 9.9 14.9

Manual Integrations

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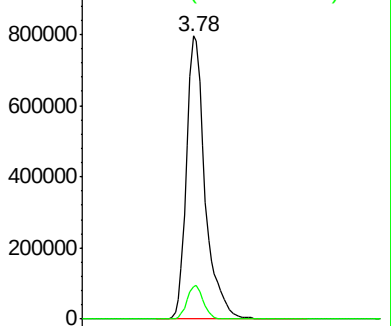
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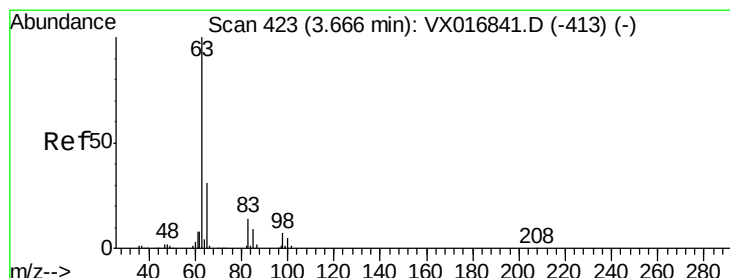
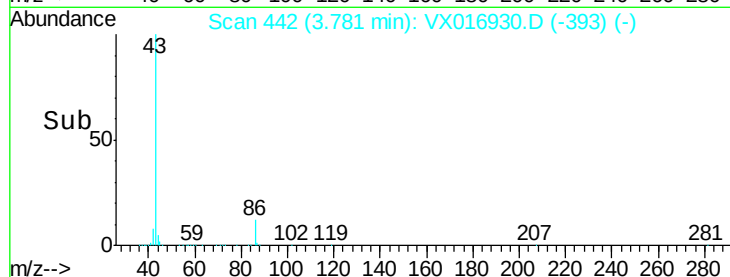


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.464 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

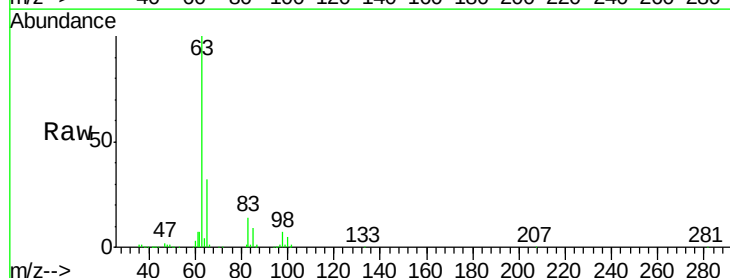
Tgt Ion: 63 Resp: 291951

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

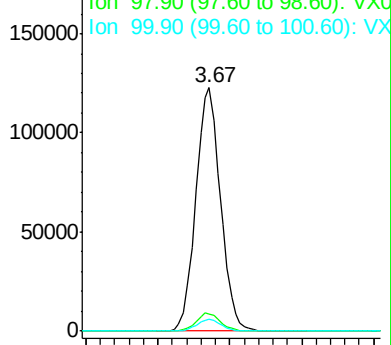
100 4.8 2.4 7.1



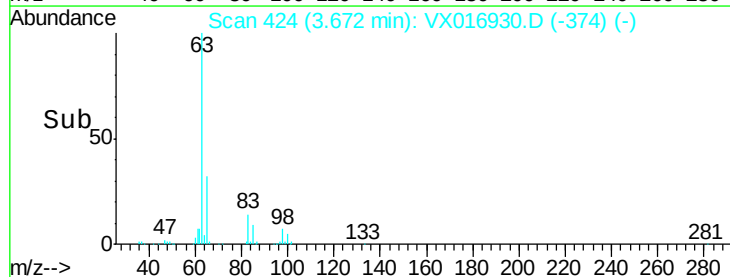
Abundance Ion 62.90 (62.60 to 63.60): VX0

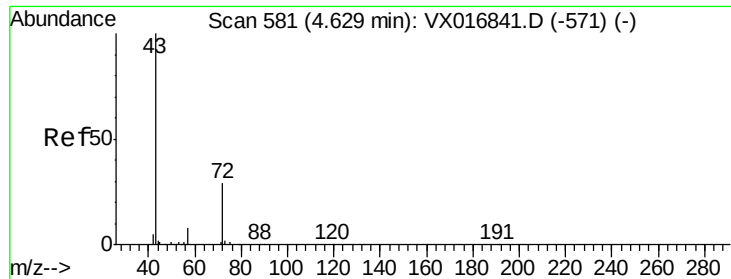
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 350.892 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tot Ion: 43 Resp: 721035

Ion Ratio Lower Upper

43 100

72 27.5 23.5 35.3

Instrument :

MSVOA_X

ClientSampleId :

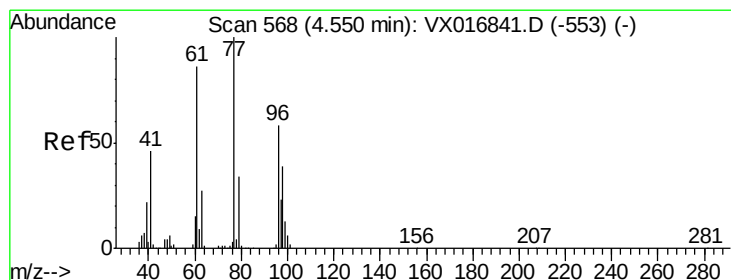
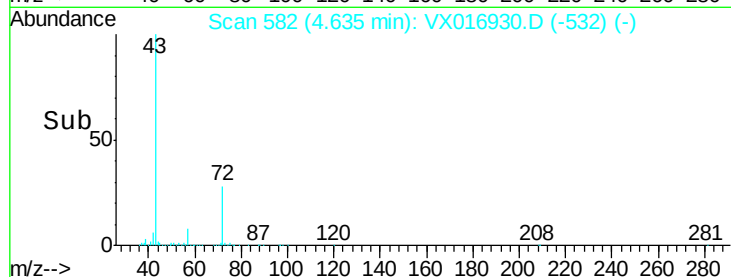
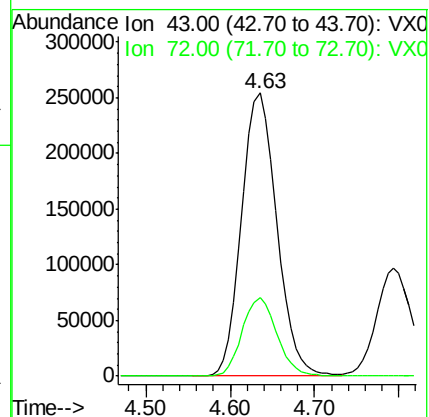
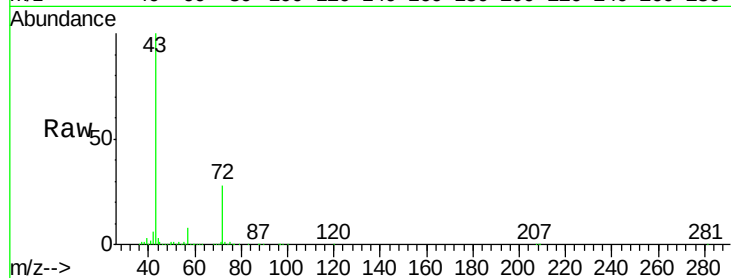
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.064 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016930.D

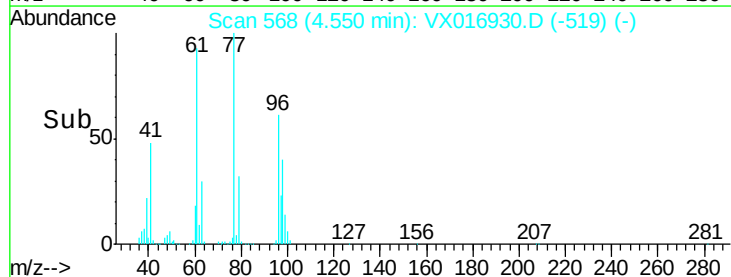
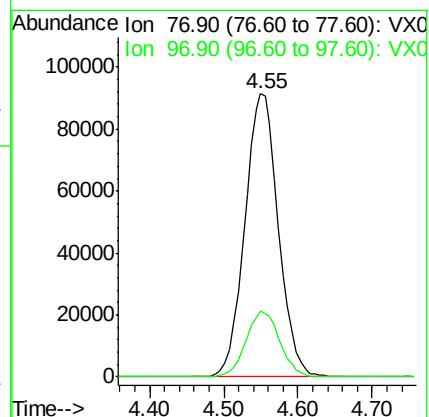
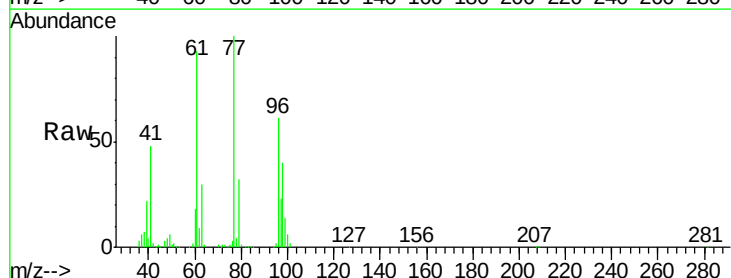
Acq: 22 Jun 2020 19:15

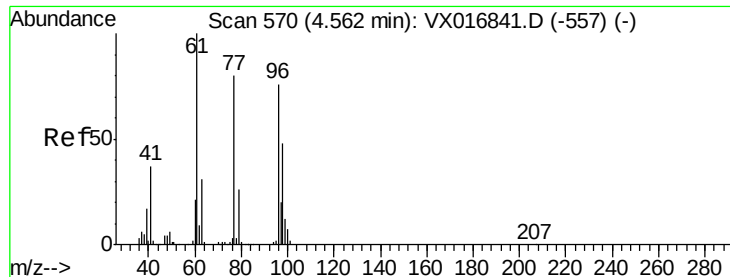
Tgt Ion: 77 Resp: 287620

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.7





#27

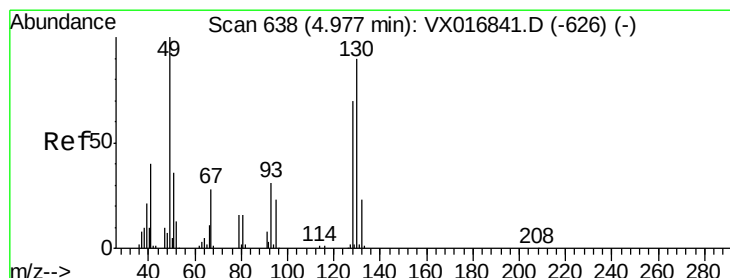
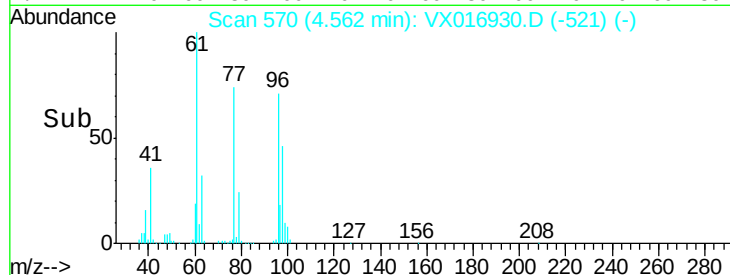
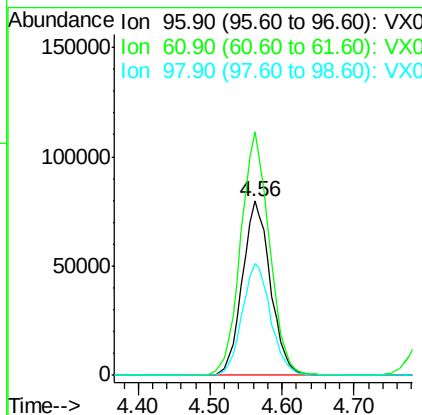
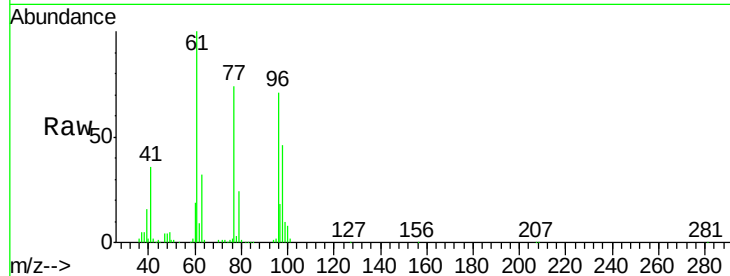
cis-1,2-Dichloroethene
Concen: 55.665 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.5	0.0	273.8	
98	65.0	0.0	129.0	

Manual Integrations
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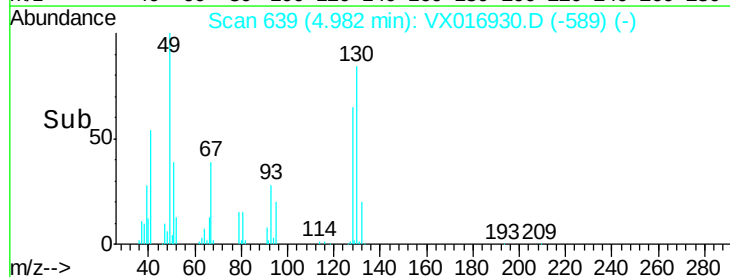
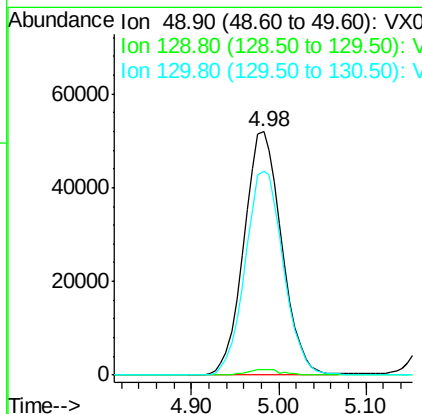
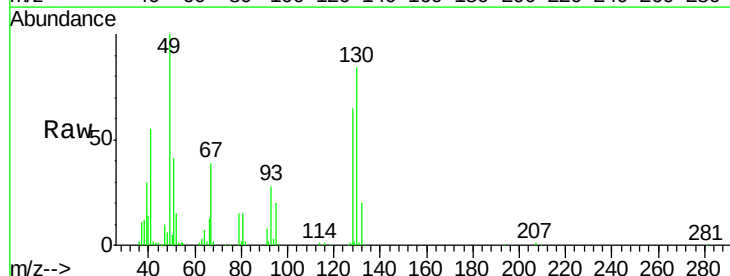
MMDadoda
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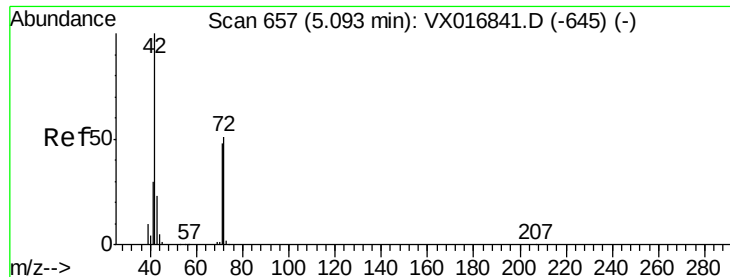


#28

Bromochloromethane
Concen: 65.249 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	5.0	
130	84.5	76.8	115.2	





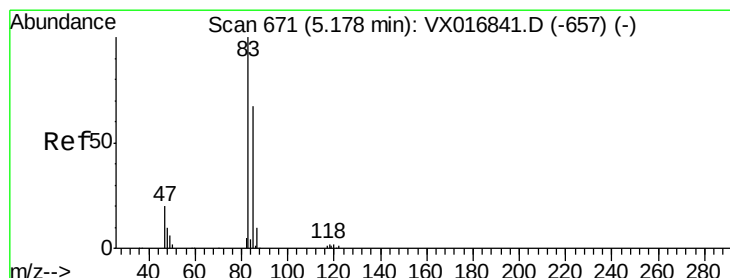
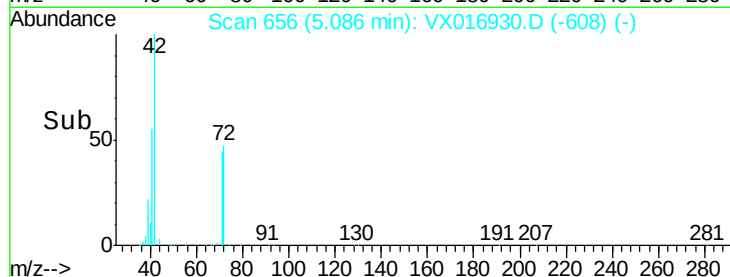
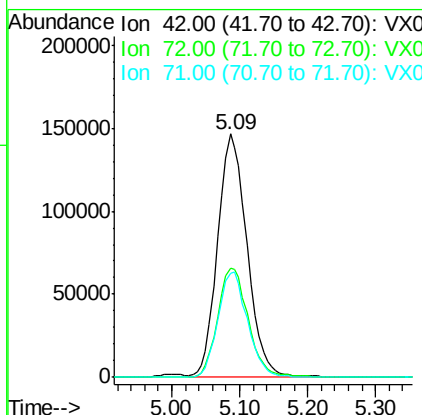
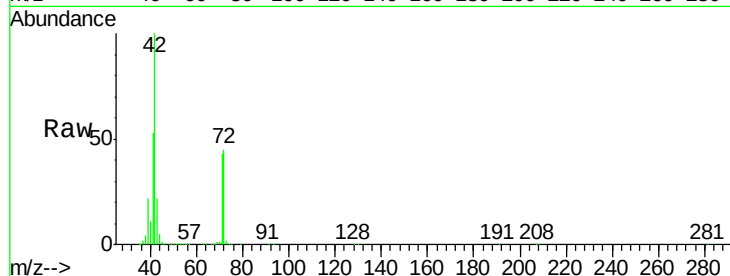
#29
Tetrahydrofuran
Concen: 338.204 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	437686
Ion Ratio	Lower	Upper	
42	100		
72	47.0	41.1	61.7
71	43.8	38.4	57.6

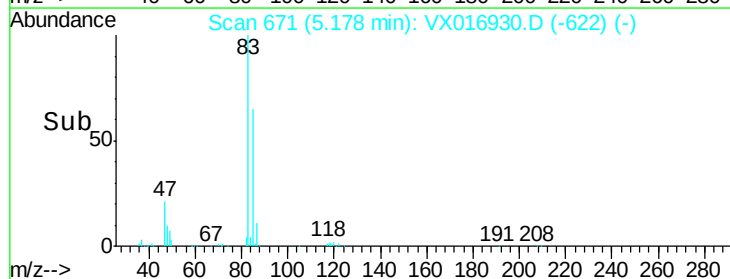
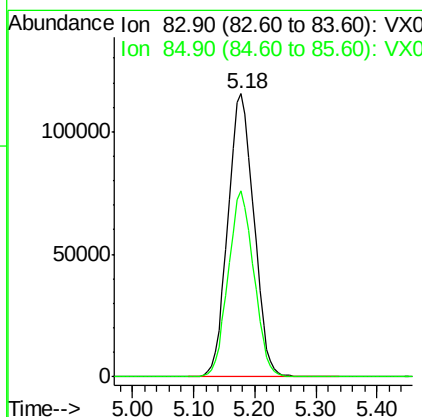
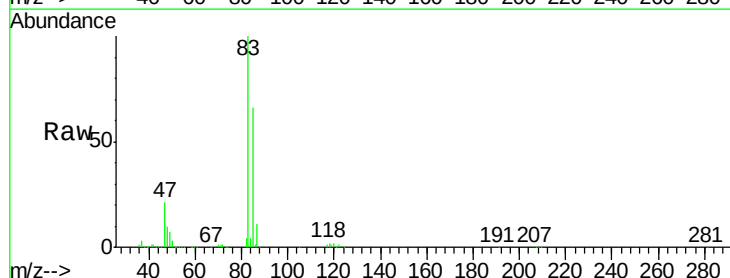
Manual Integrations
APPROVED

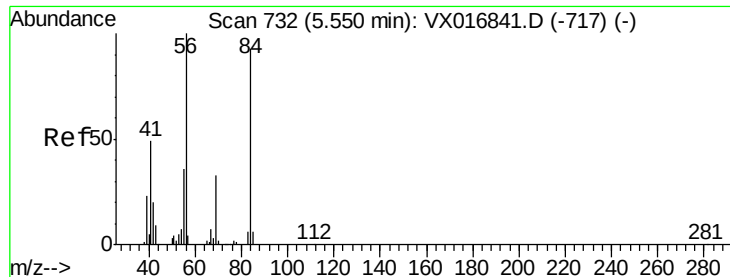
MMDadoda
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#30
Chloroform
Concen: 55.376 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:	83	Resp:	338225
Ion Ratio	Lower	Upper	
83	100		
85	65.8	53.4	80.0





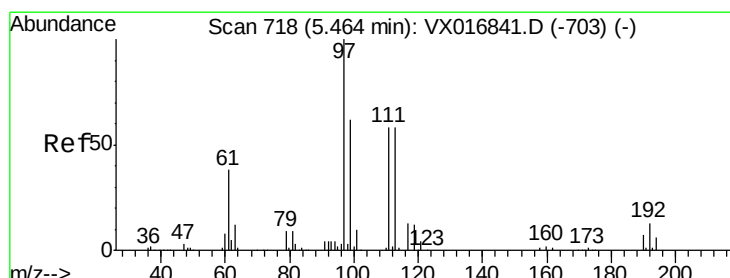
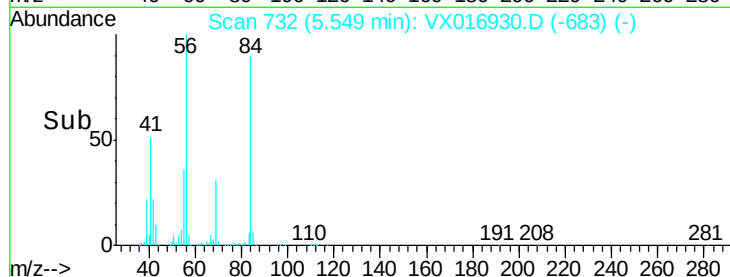
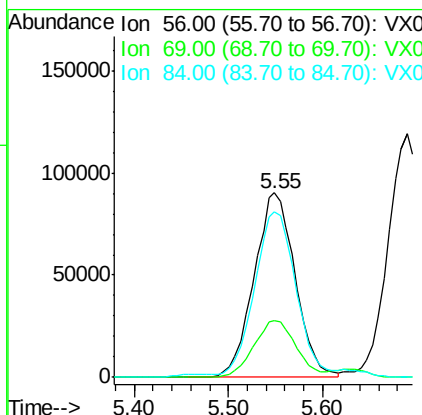
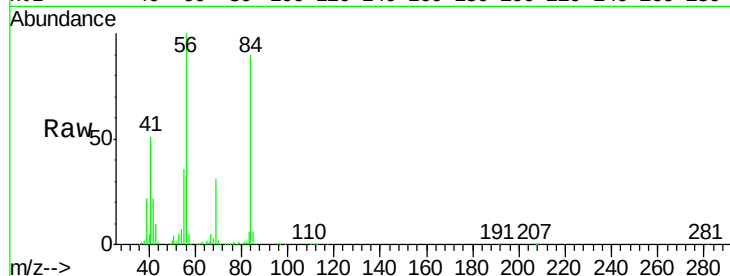
#31
Cyclohexane
Concen: 54.190 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	26.1	39.1
84	88.6	73.0	109.6

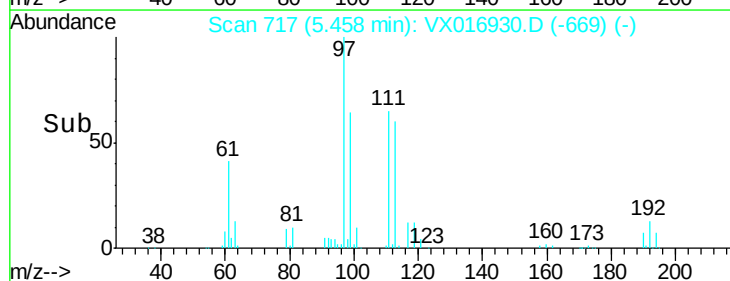
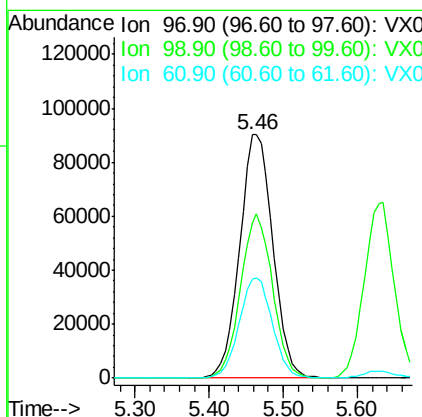
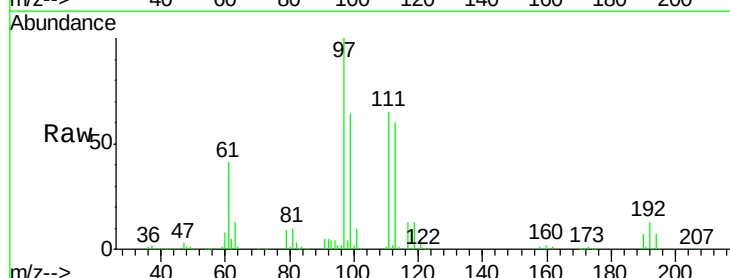
Manual Integrations
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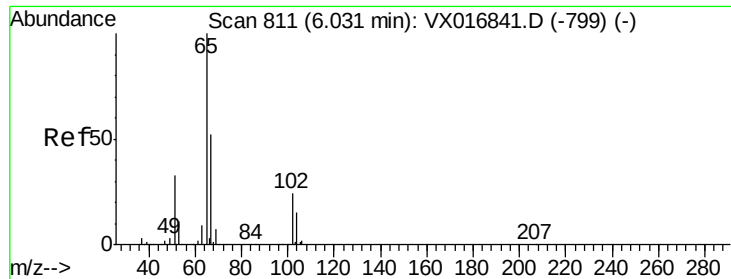
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#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.3	76.9
61	41.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.507 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 203622

Ion Ratio Lower Upper

65 100

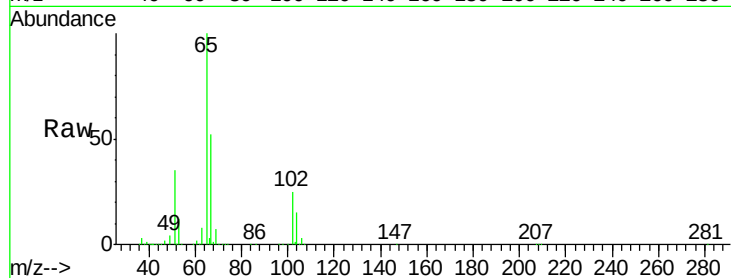
67 54.2 0.0 102.6

Manual Integrations

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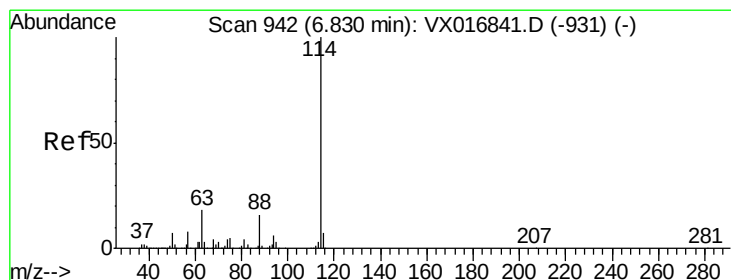
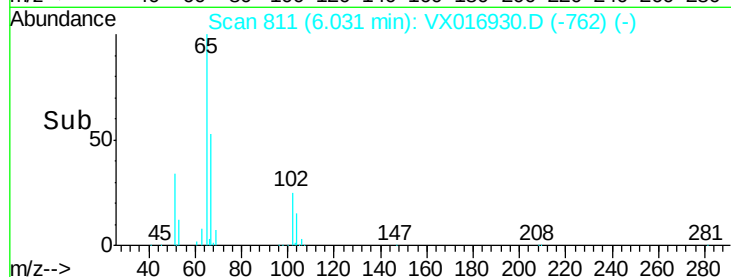
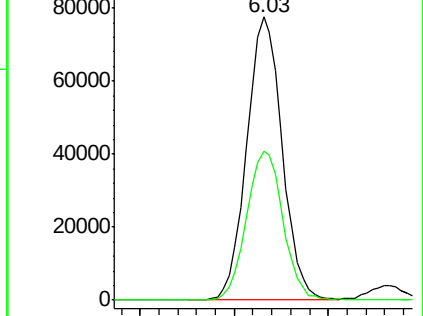
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

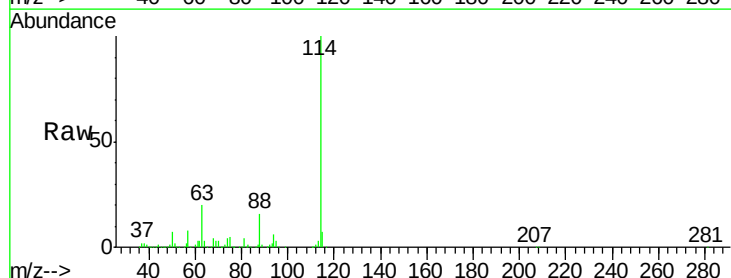
Tgt Ion: 114 Resp: 566683

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

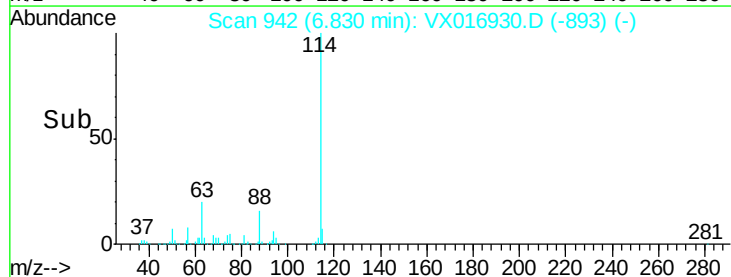
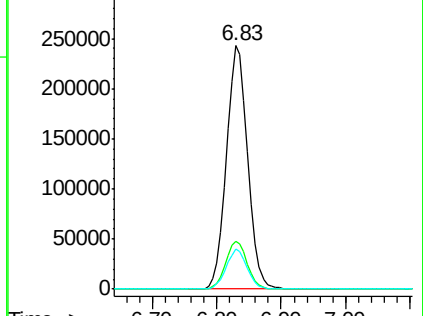
88 16.4 0.0 32.0

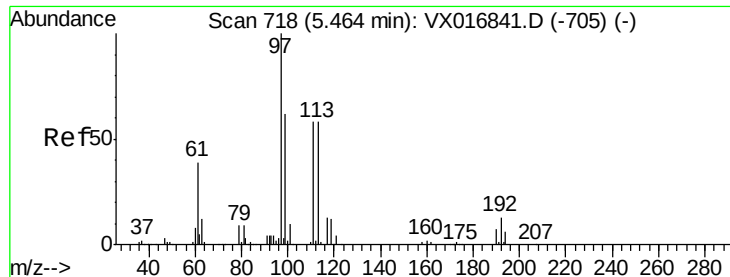


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





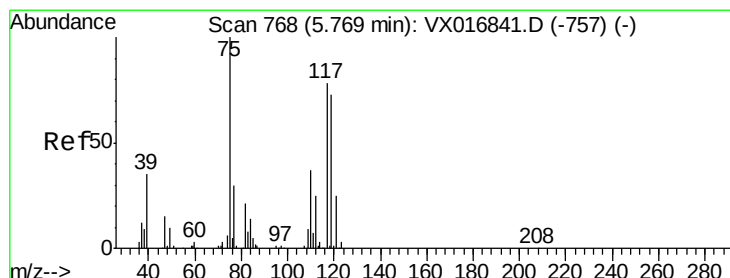
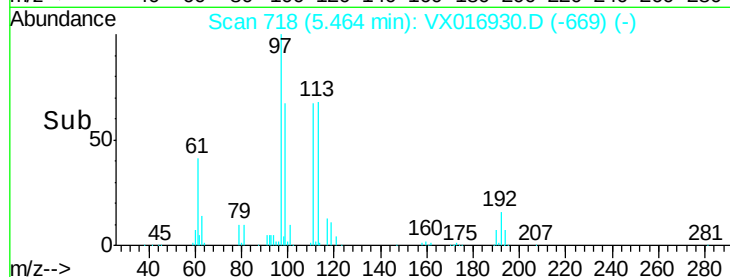
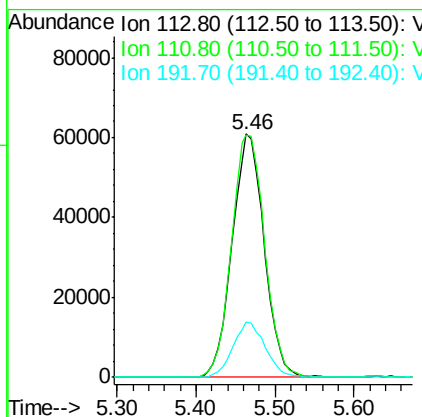
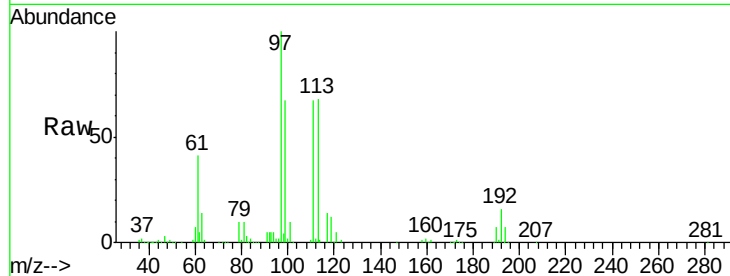
#35
 Dibromofluoromethane
 Concen: 47.472 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172090		
111	103.3	81.0	121.4	
192	22.9	18.5	27.7	

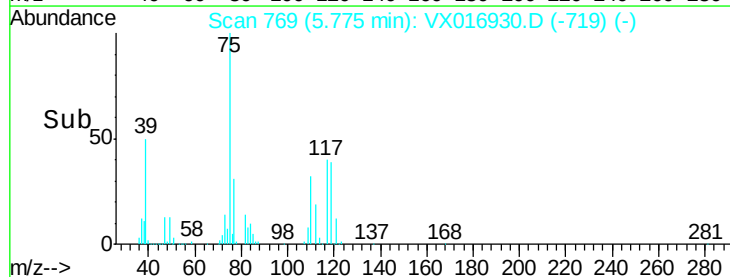
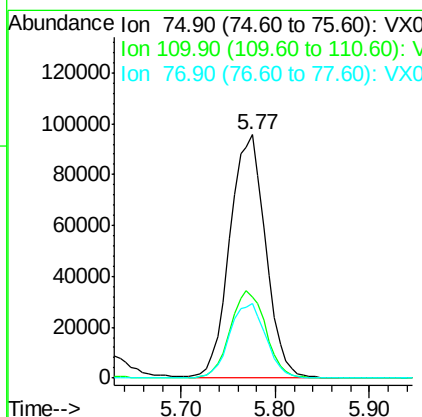
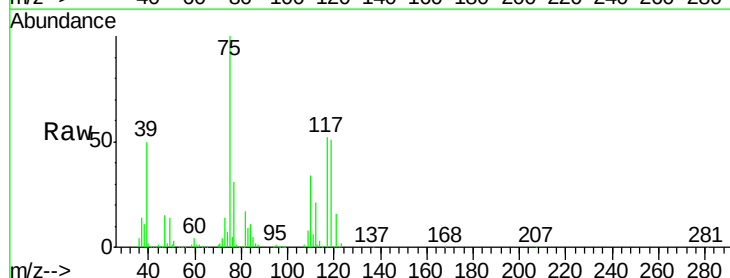
Manual Integrations
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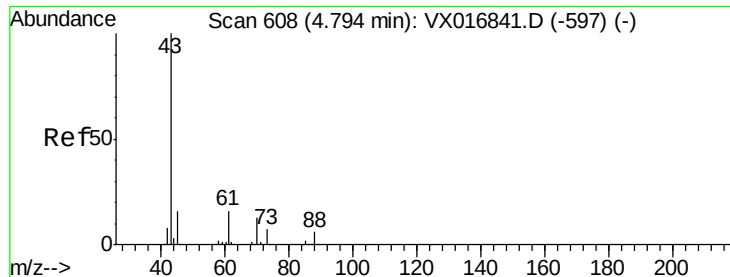
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#36
 1,1-Dichloropropene
 Concen: 48.312 ug/l
 RT: 5.77 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	252783		
110	36.0	18.9	56.9	
77	31.3	25.6	38.4	





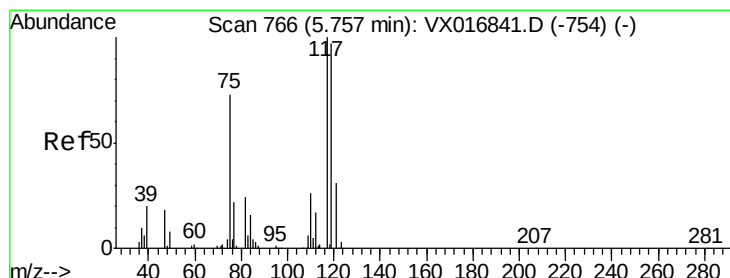
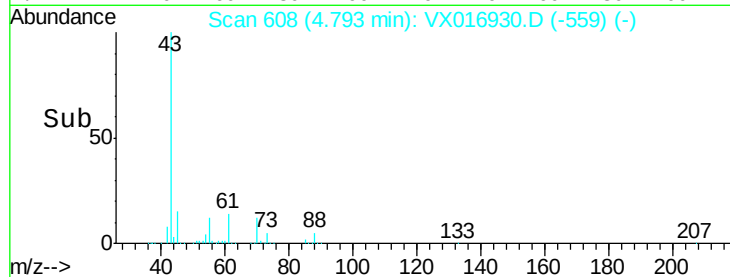
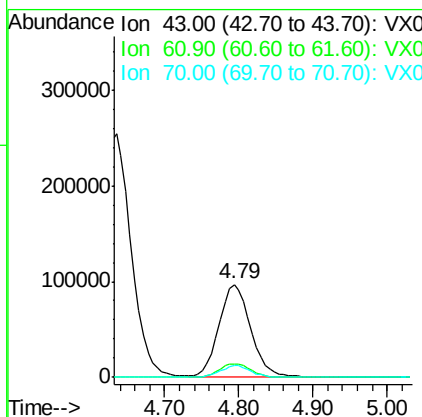
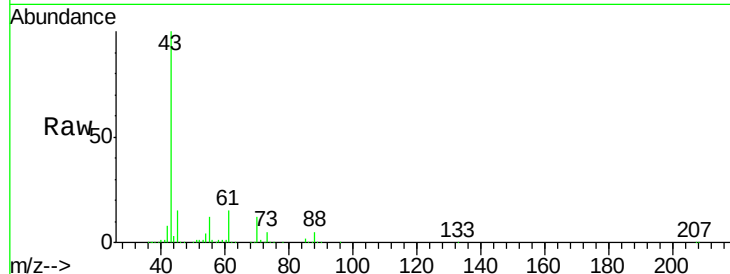
#37
Ethyl Acetate
Concen: 61.745 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.2	18.2
70	12.0	10.5	15.7

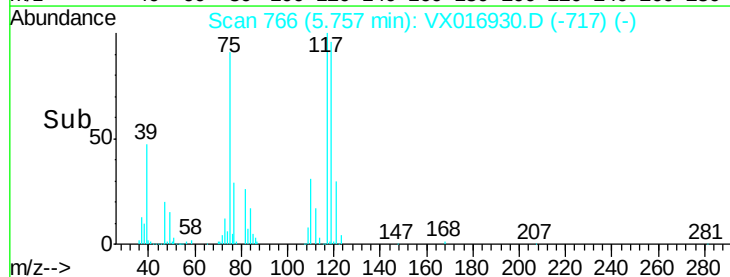
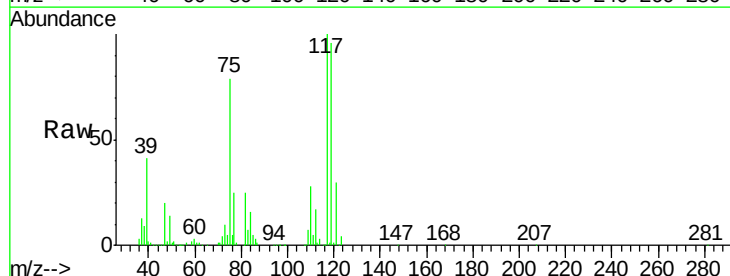
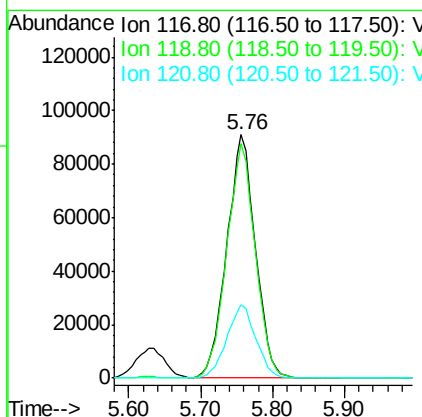
Manual Integrations
APPROVED

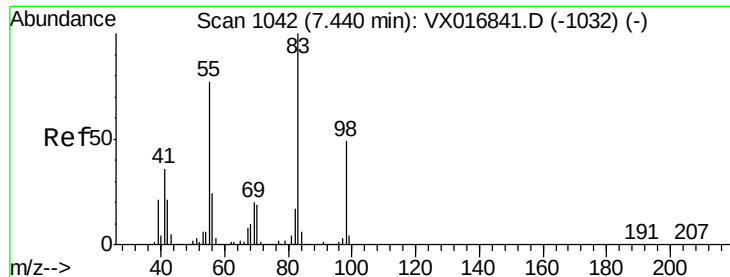
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#38
Carbon Tetrachloride
Concen: 42.718 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
121	30.3	24.7	37.1





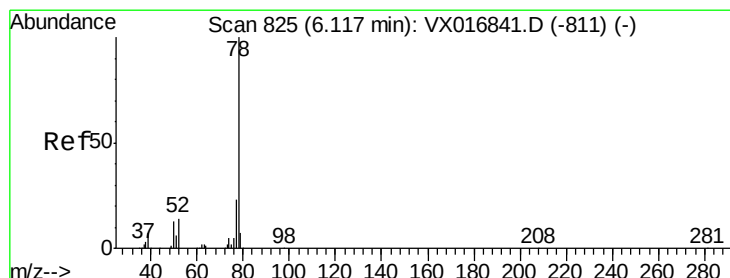
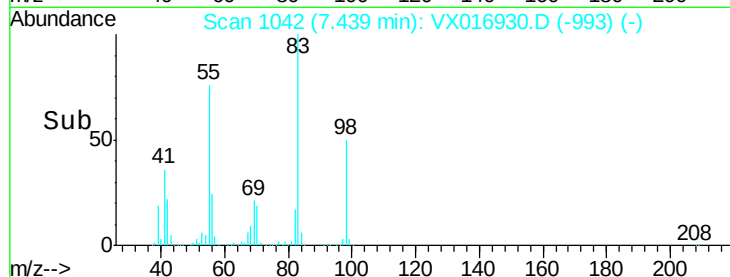
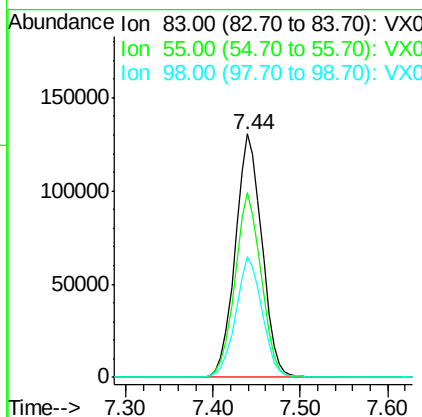
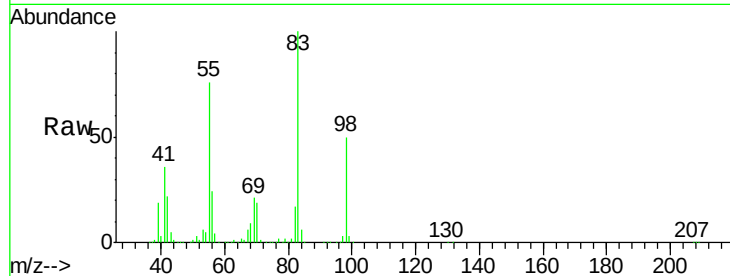
#39
Methylvlcyclohexane
Concen: 45.404 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.7	92.5
98	49.5	39.0	58.6

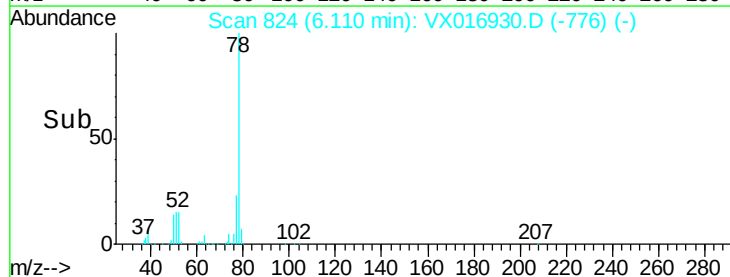
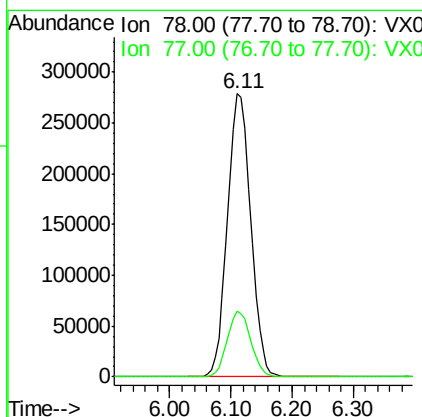
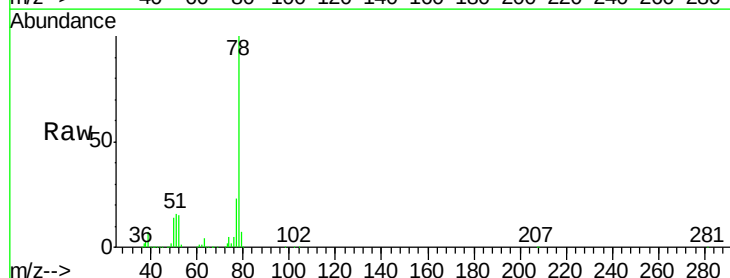
Manual Integrations
APPROVED

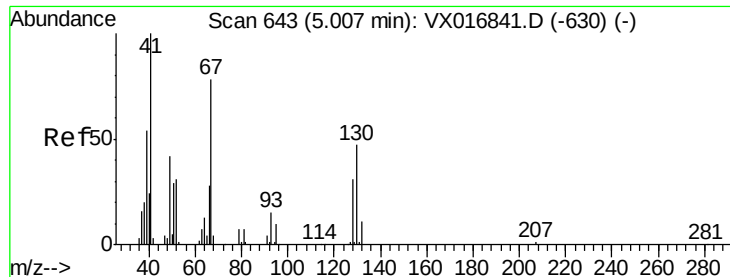
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#40
Benzene
Concen: 46.454 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8





#41

Methacrylonitrile

Concen: 60.638 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

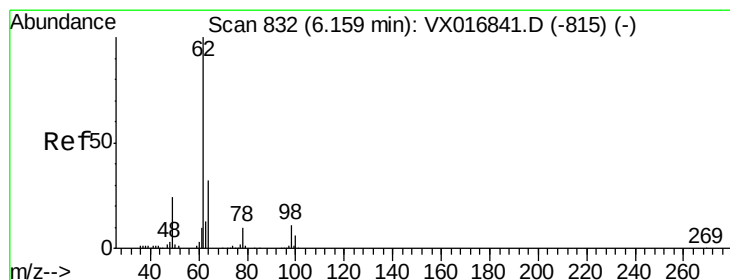
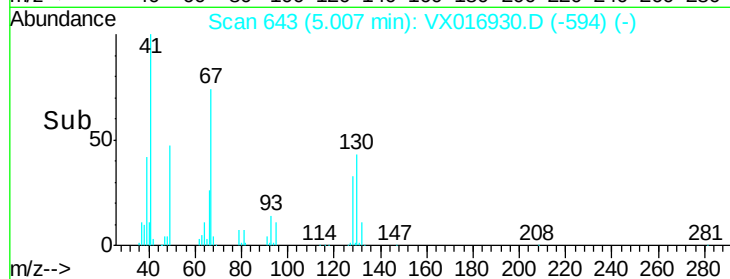
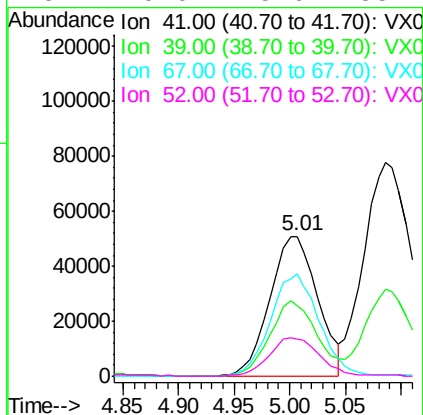
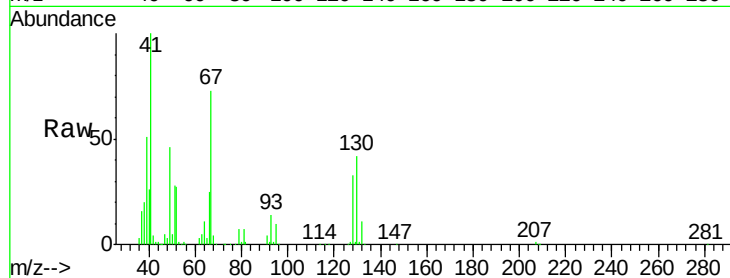
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.6	64.0	
67	74.9	64.2	96.2	
52	29.0	25.6	38.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 43.250 ug/l

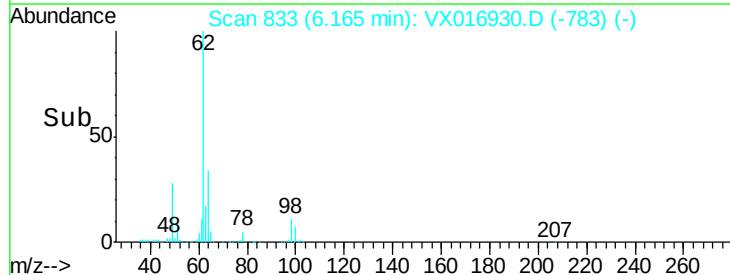
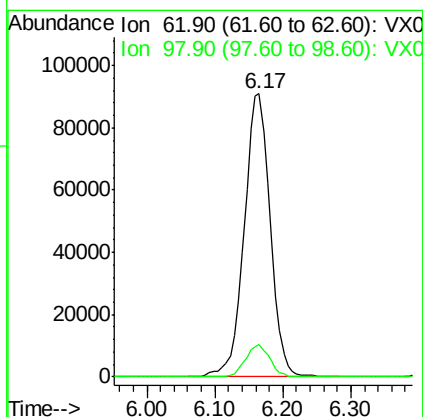
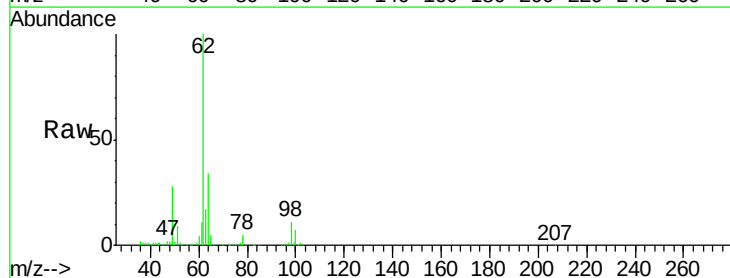
RT: 6.17 min Scan# 833

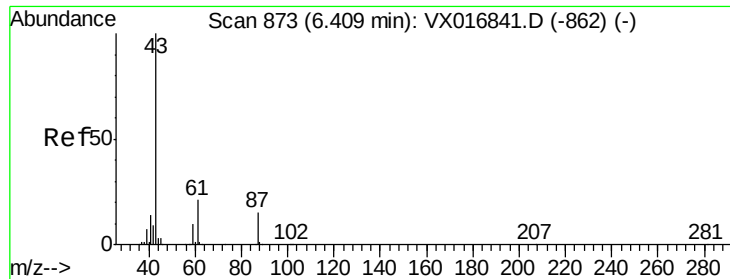
Delta R.T. 0.01 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.8	





#43

Isopropyl Acetate

Concen: 50.584 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

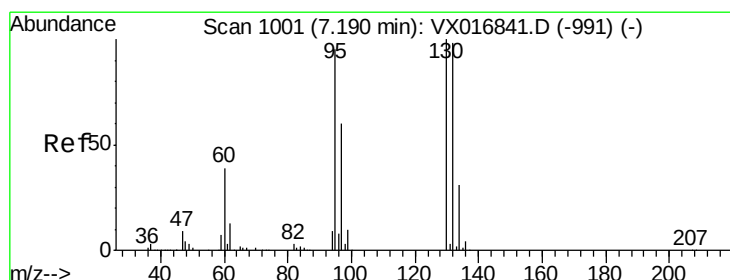
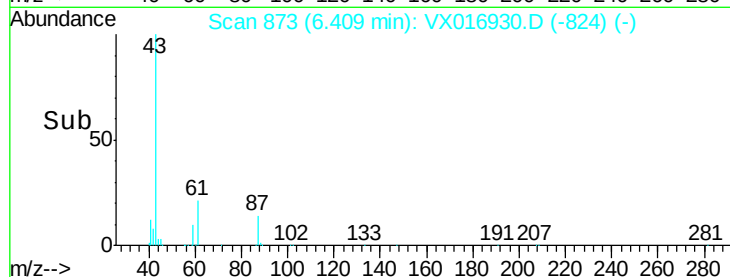
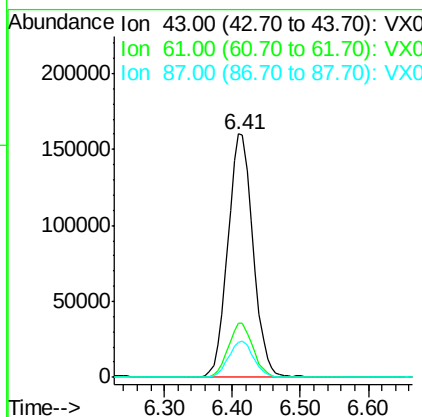
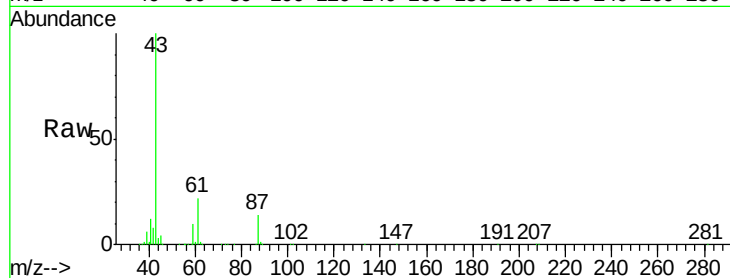
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	408373
Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.9	26.9
87	14.8	12.4	18.6

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#44

Trichloroethene

Concen: 42.537 ug/l

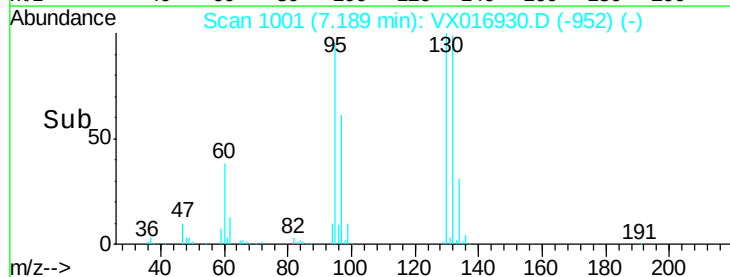
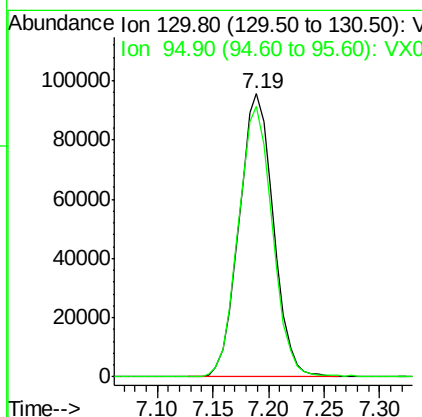
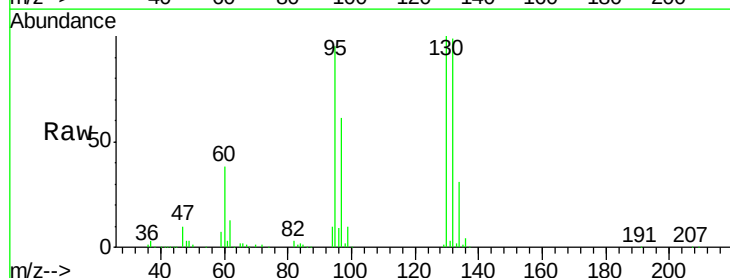
RT: 7.19 min Scan# 1001

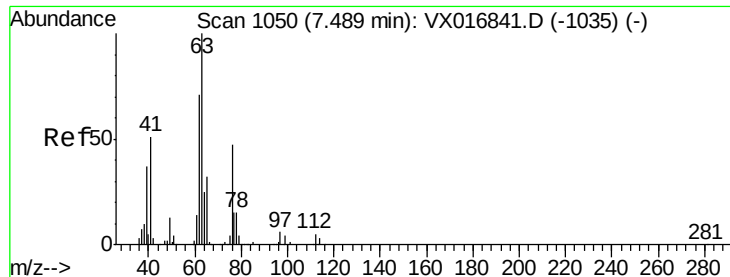
Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	130	Resp:	204525
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 46.802 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 184720

Ion Ratio Lower Upper

63 100

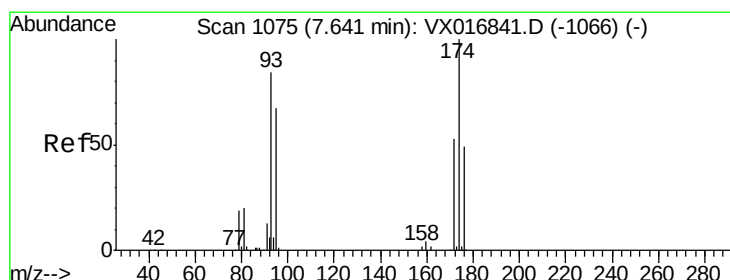
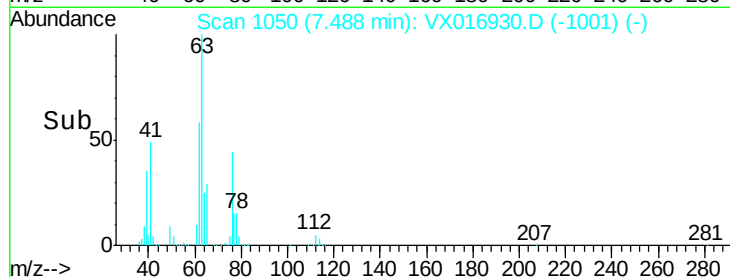
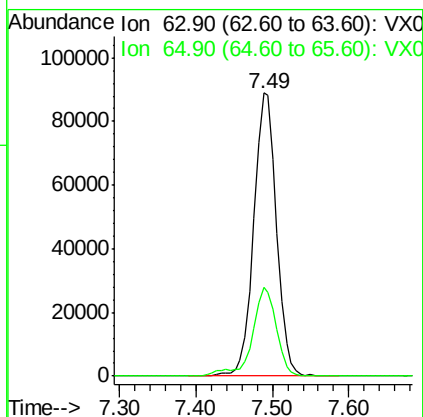
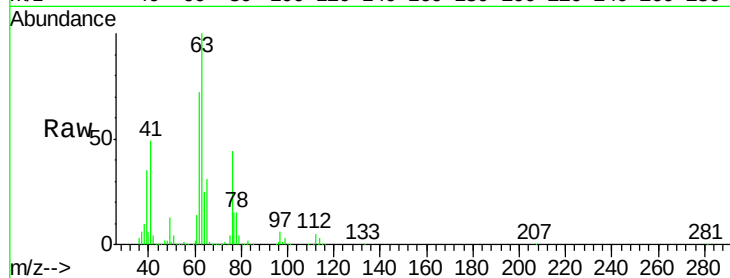
65 31.2 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 45.927 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

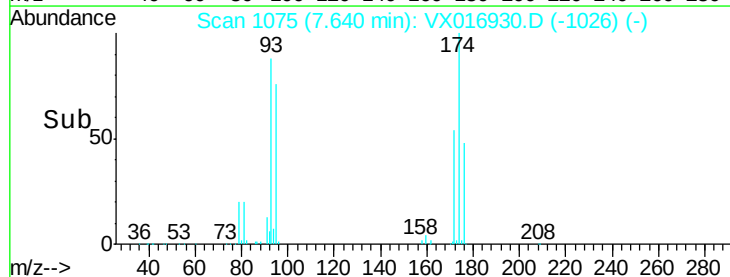
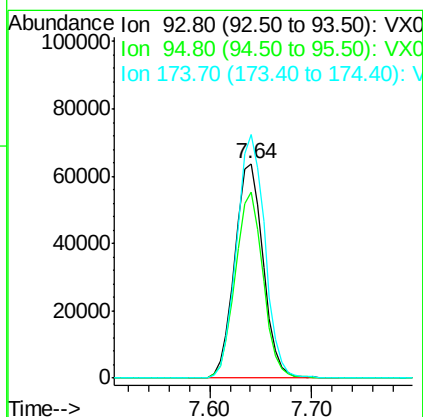
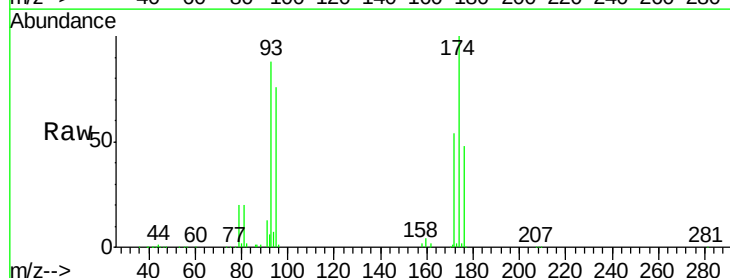
Tgt Ion: 93 Resp: 122926

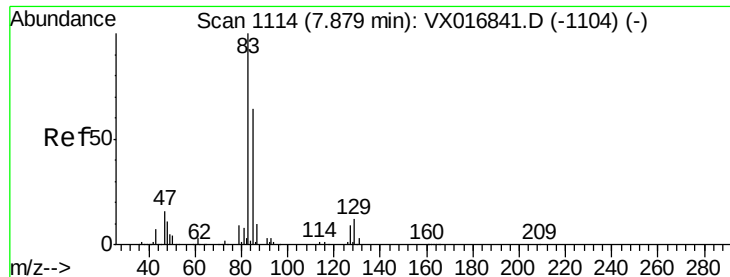
Ion Ratio Lower Upper

93 100

95 84.9 65.7 98.5

174 113.2 92.8 139.2





#47

Bromodichloromethane

Concen: 49.342 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

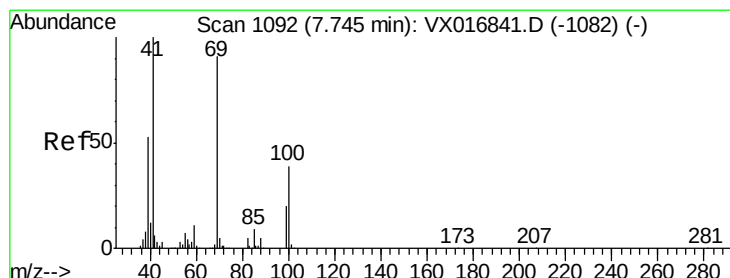
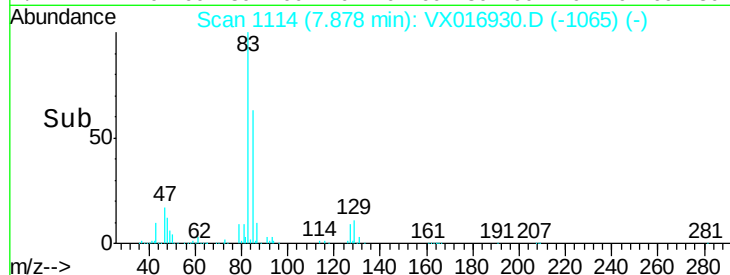
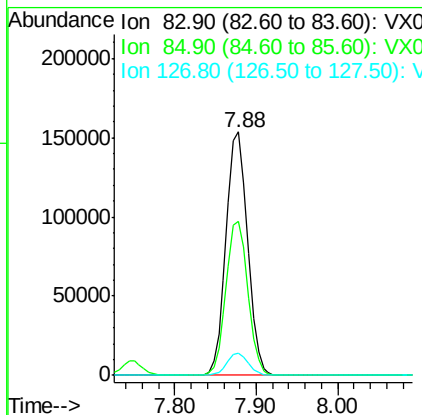
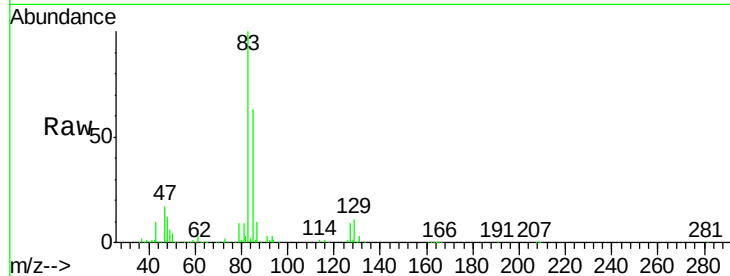
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	280880
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	9.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.554 ug/l

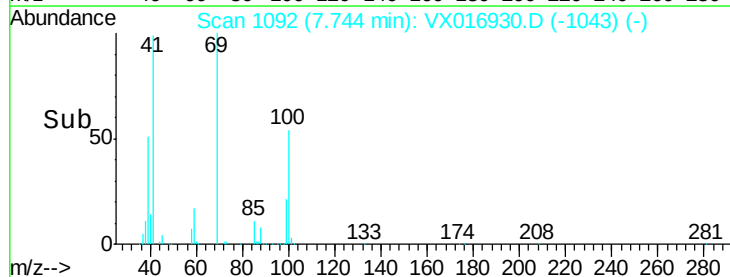
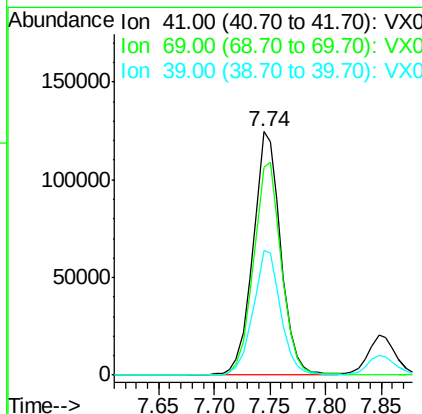
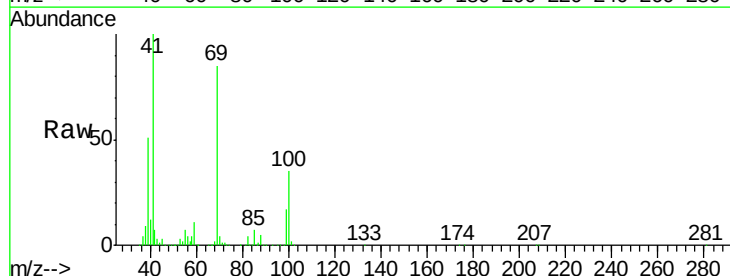
RT: 7.74 min Scan# 1092

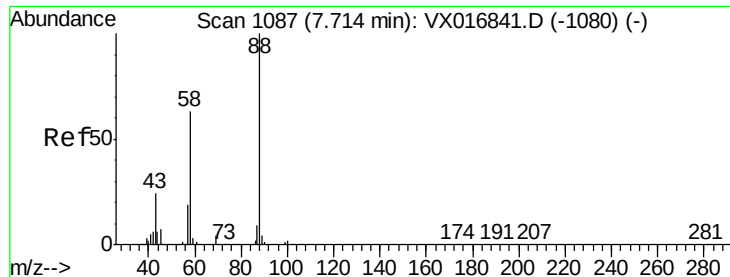
Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	41	Resp:	214998
Ion Ratio	Lower	Upper	
41	100		
69	88.8	73.3	109.9
39	51.0	42.4	63.6





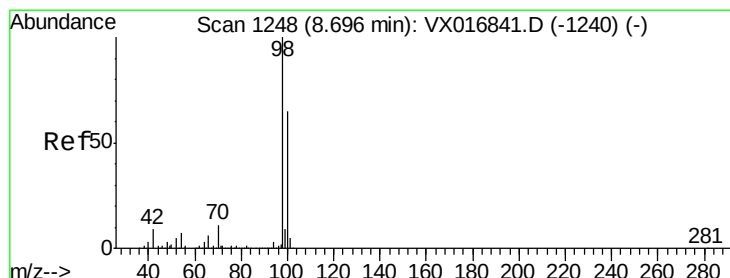
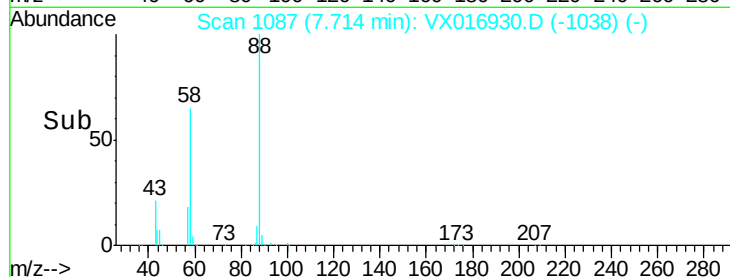
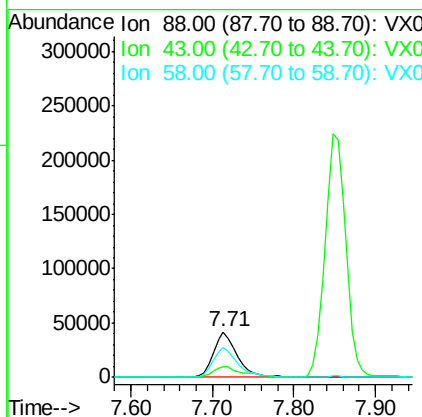
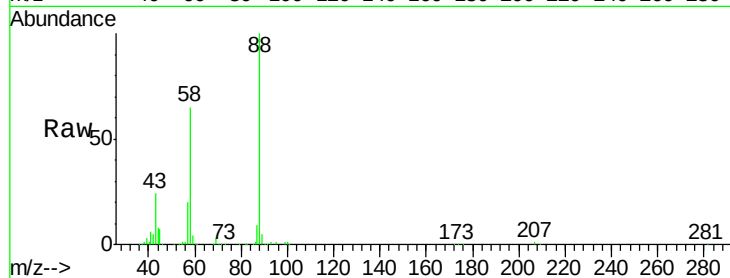
#49
1,4-Dioxane
Concen: 1012.925 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	22.7	34.1
58	68.3	53.1	79.7

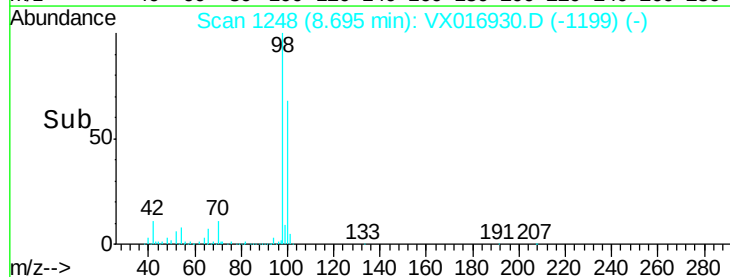
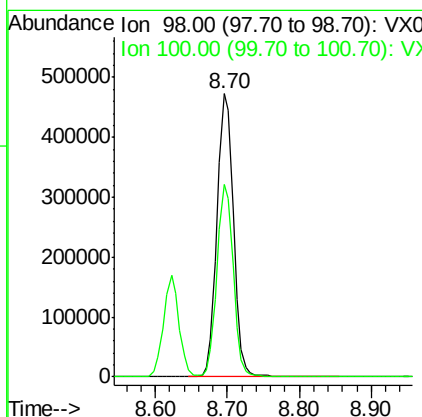
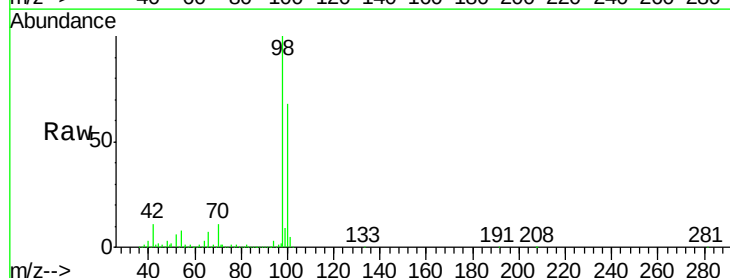
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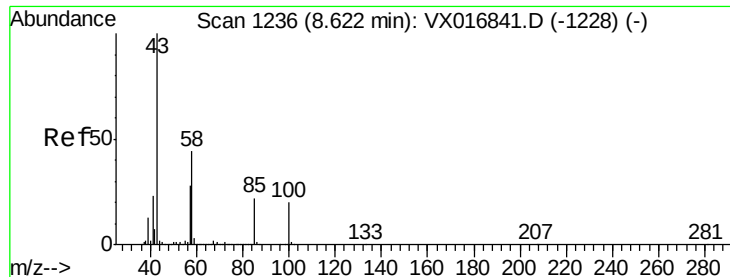
MMDadoda
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#50
Toluene-d8
Concen: 51.629 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	54.0	81.0





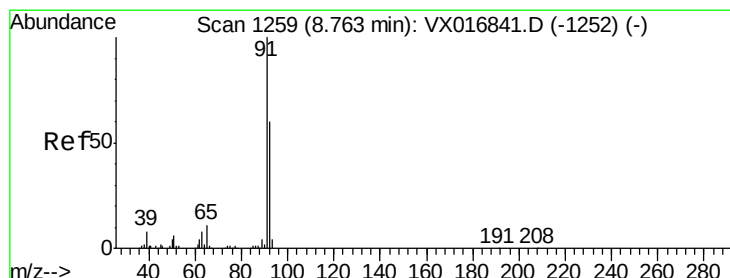
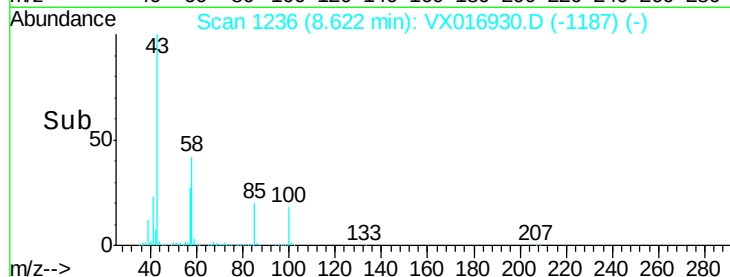
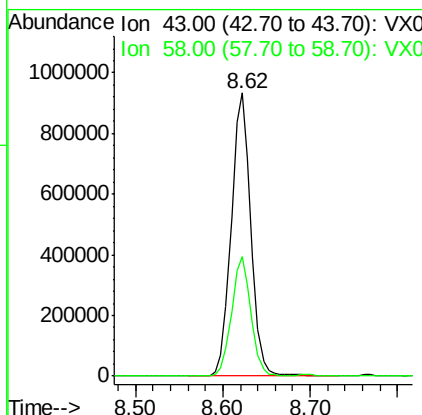
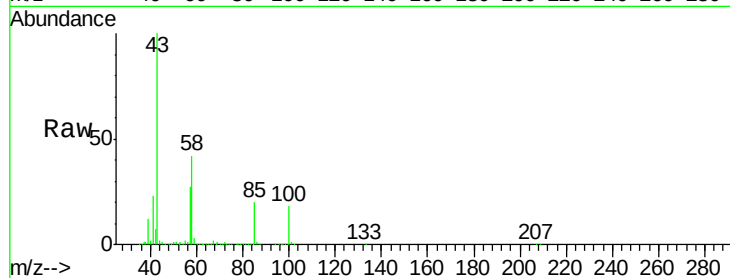
#51
4-Methyl-2-Pentanone
Concen: 300.308 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1458212
Ion Ratio Lower Upper
43 100
58 41.5 34.3 51.5

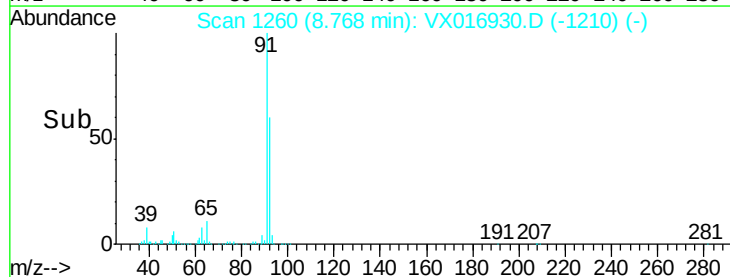
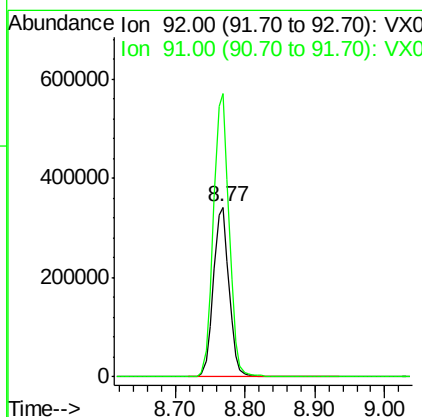
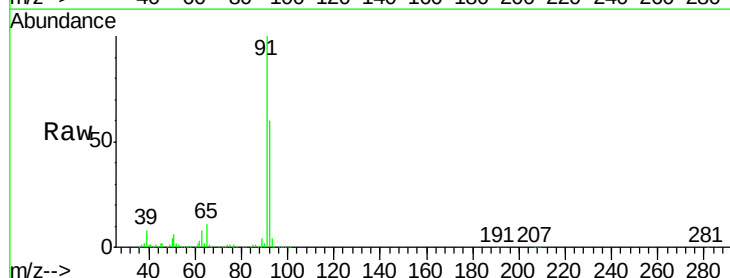
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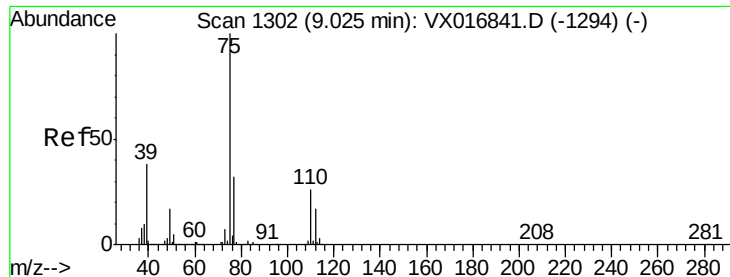
MMDadoda
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#52
Toluene
Concen: 50.898 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 92 Resp: 530113
Ion Ratio Lower Upper
92 100
91 167.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.593 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 341653

Ion Ratio Lower Upper

75 100

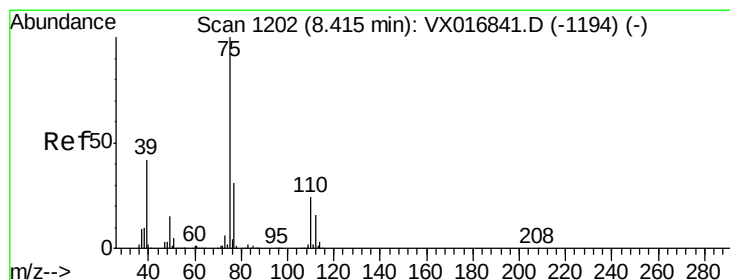
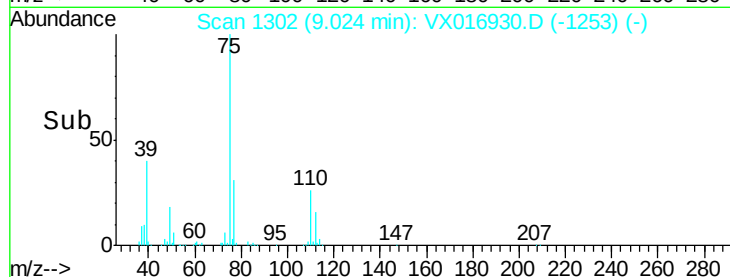
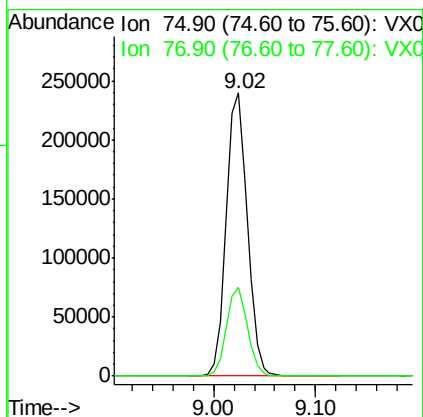
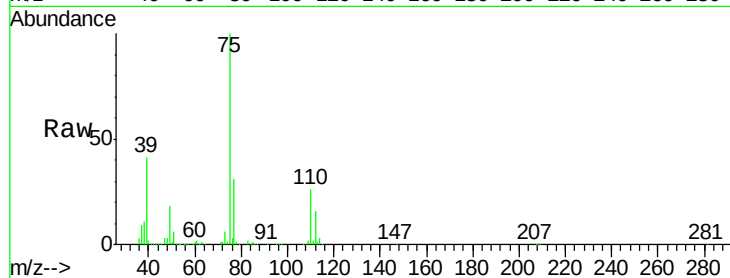
77 31.3 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.249 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

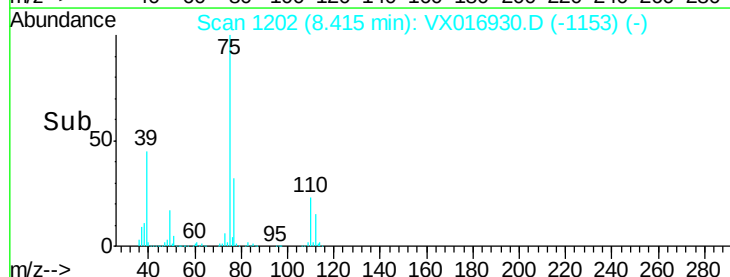
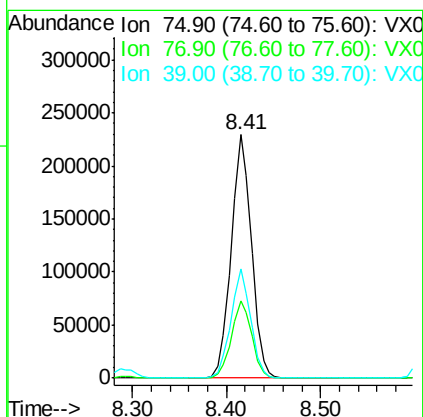
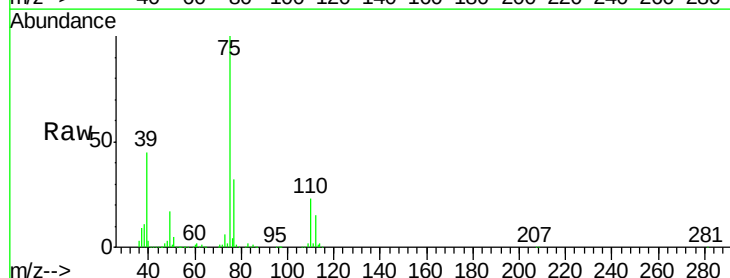
Tgt Ion: 75 Resp: 343111

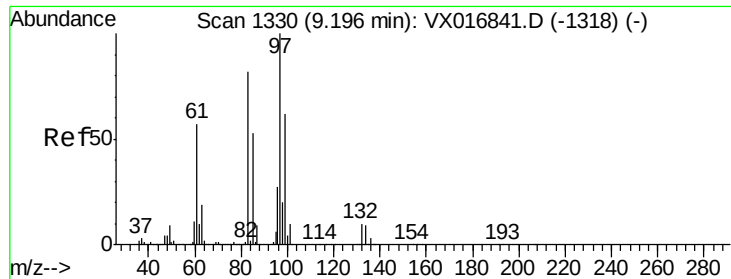
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 45.0 33.4 50.0





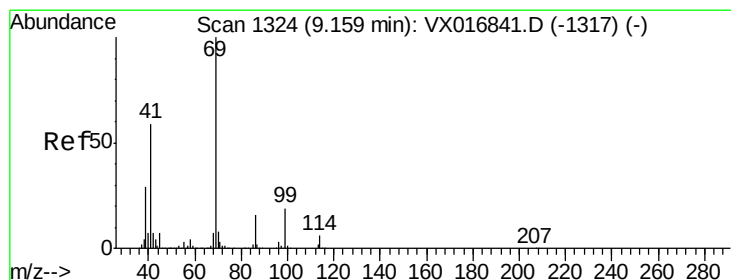
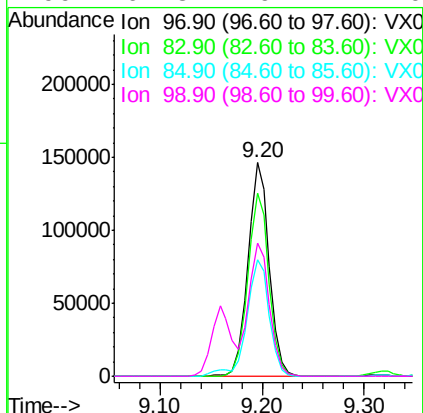
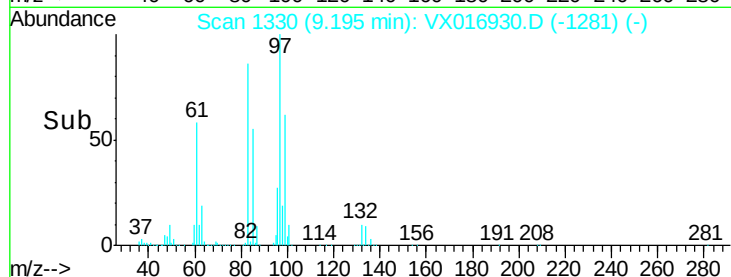
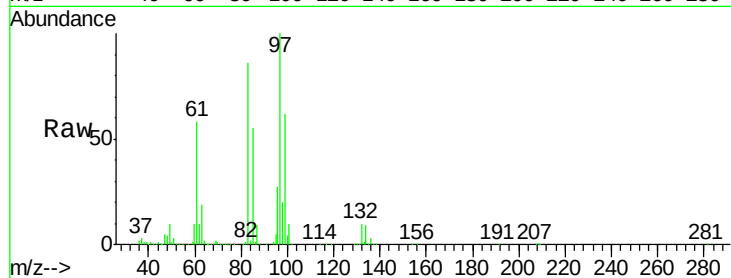
#55
 1,1,2-Trichloroethane
 Concen: 53.860 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	211797
Ion Ratio	Lower	Upper	
97	100		
83	86.0	65.5	98.3
85	54.5	42.6	63.8
99	62.3	49.4	74.0

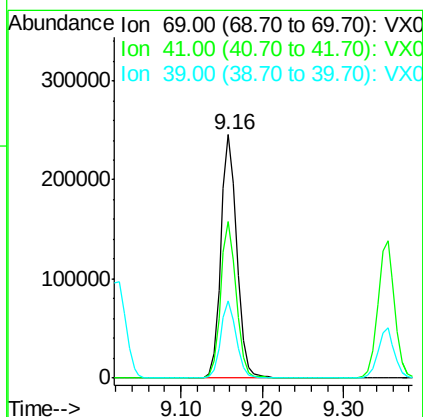
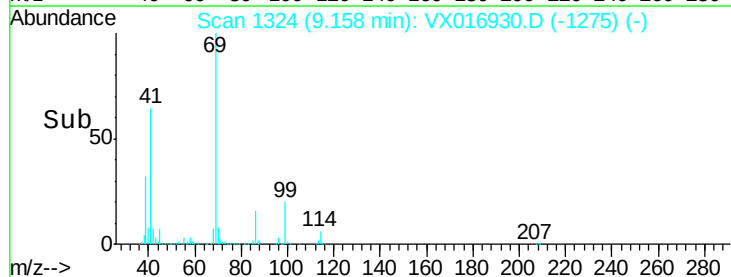
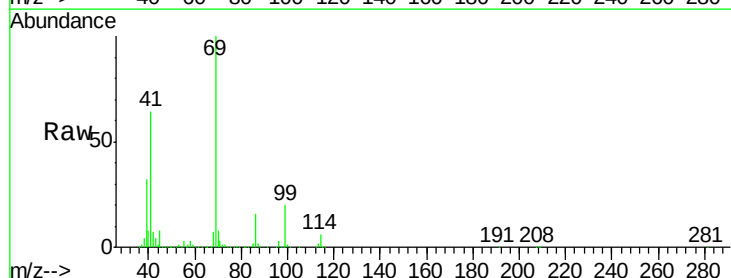
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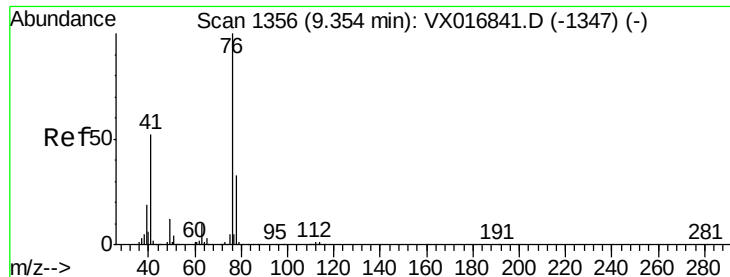
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#56
 Ethyl methacrylate
 Concen: 58.860 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	69	Resp	335079
Ion Ratio	Lower	Upper	
69	100		
41	63.1	47.9	71.9
39	31.0	24.2	36.4





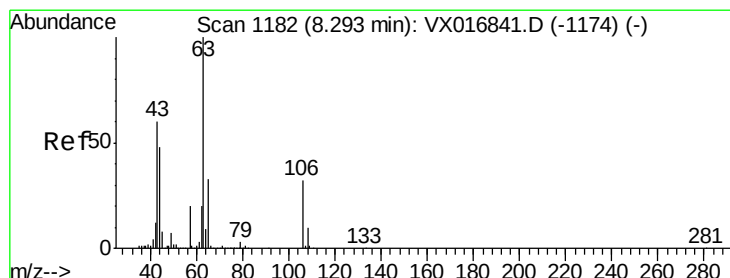
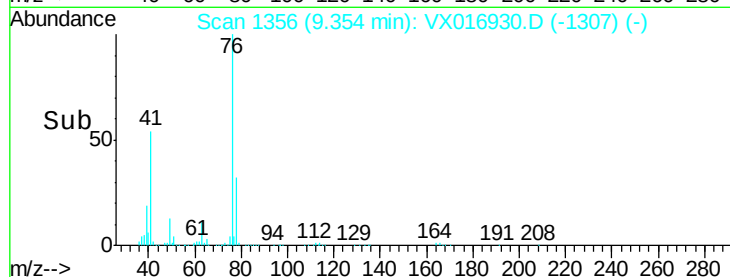
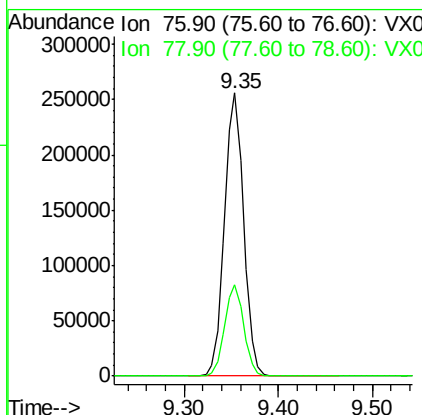
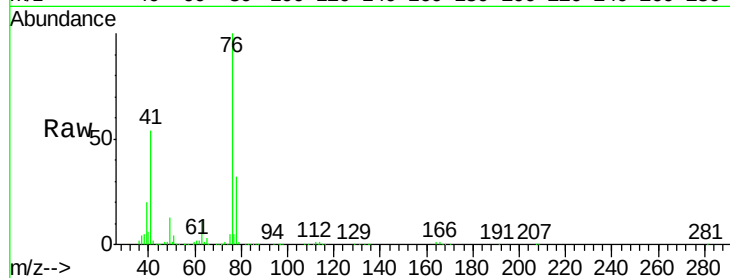
#57
 1,3-Dichloropropane
 Concen: 54.175 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

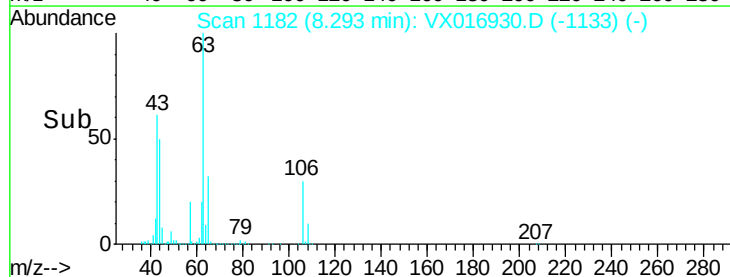
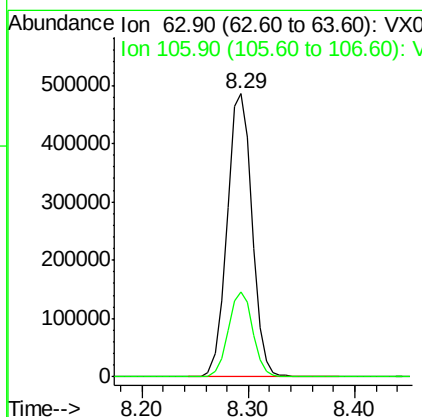
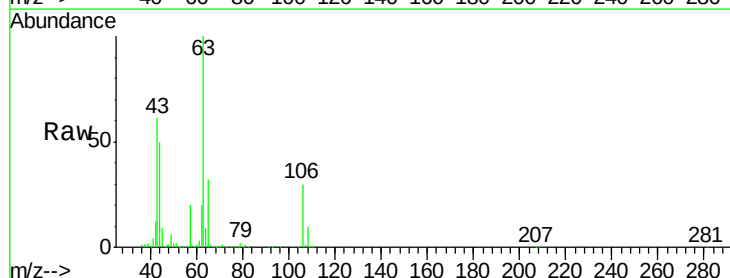
Manual Integrations
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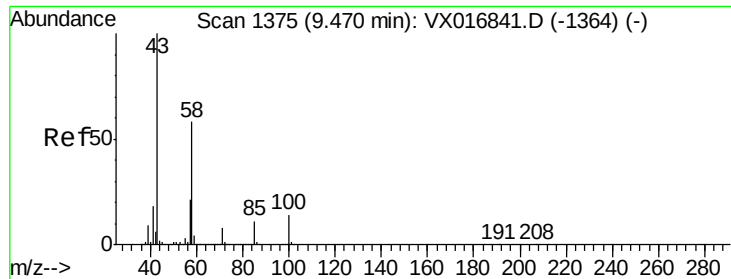
MMDadoda
 6/23/2020 11:03:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.285 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	25.8	38.6





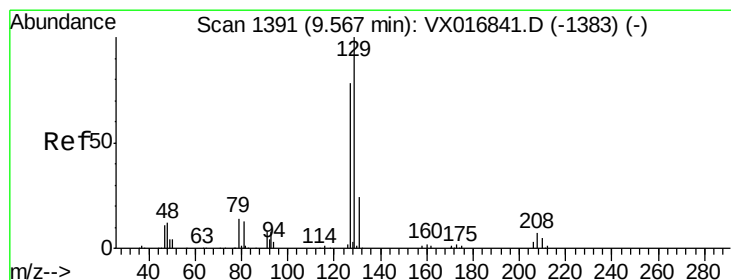
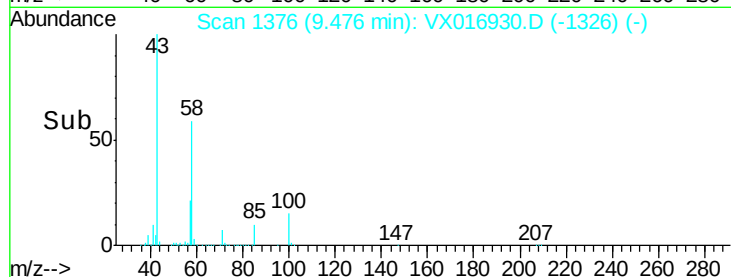
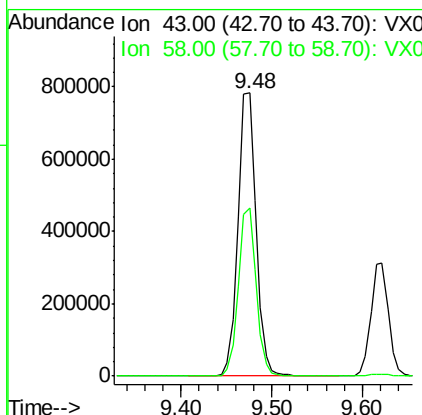
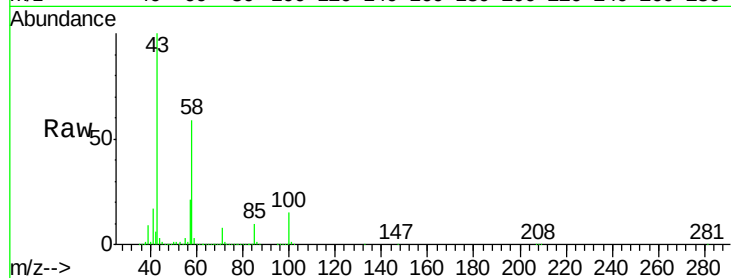
#59
2-Hexanone
Concen: 309.549 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1088486
Ion Ratio Lower Upper
43 100
58 58.5 29.8 89.4

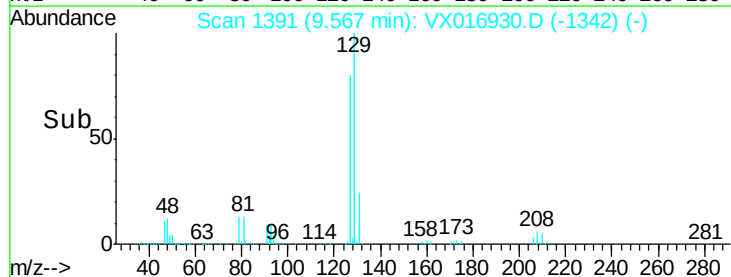
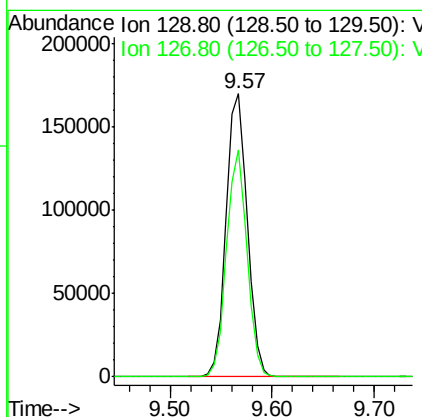
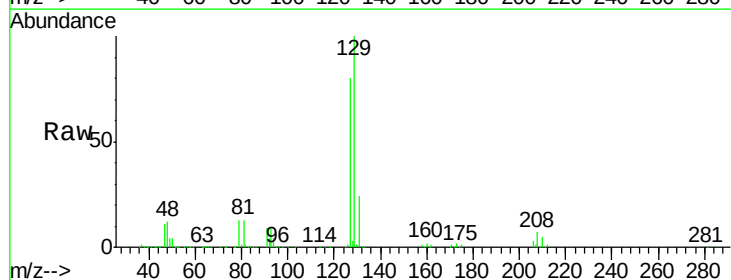
Manual Integrations
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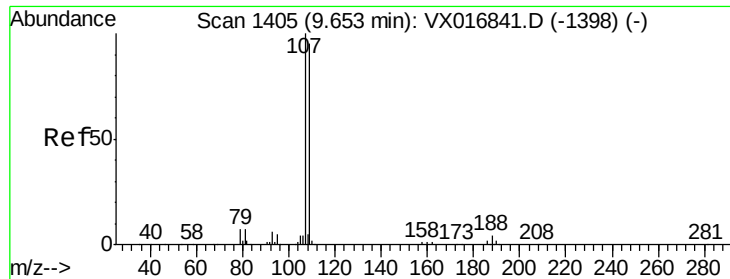
MMDadoda
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#60
Dibromochloromethane
Concen: 51.686 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 129 Resp: 243825
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





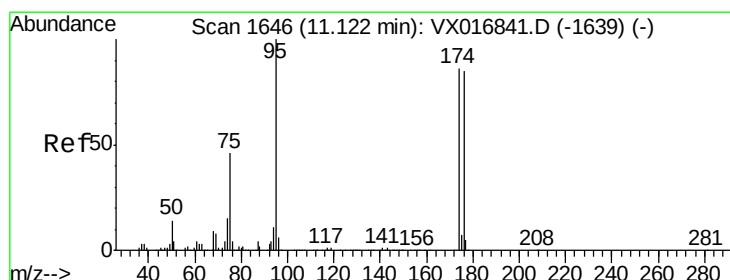
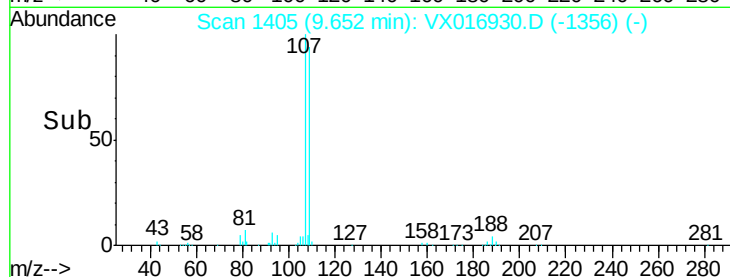
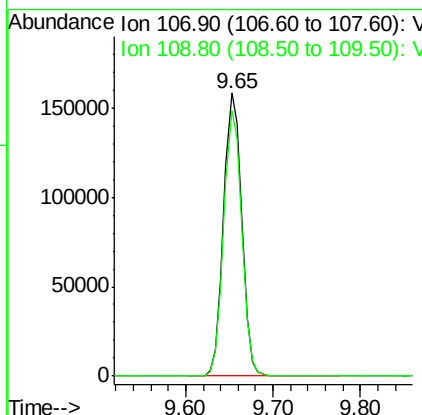
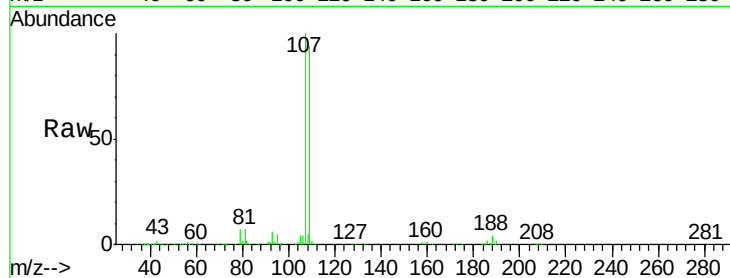
#61
 1,2-Dibromoethane
 Concen: 52.993 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.4	113.0

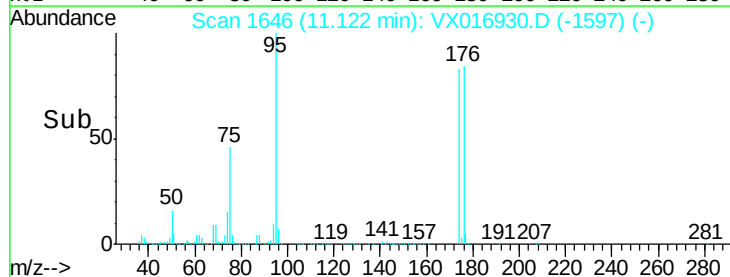
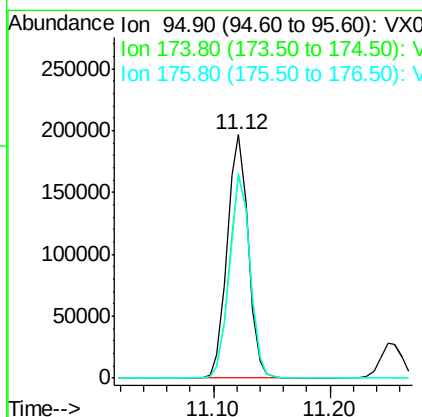
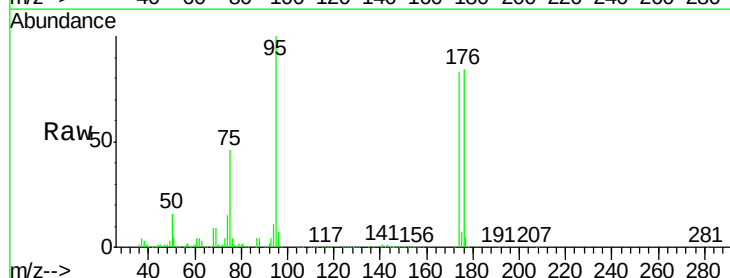
Manual Integrations
 APPROVED

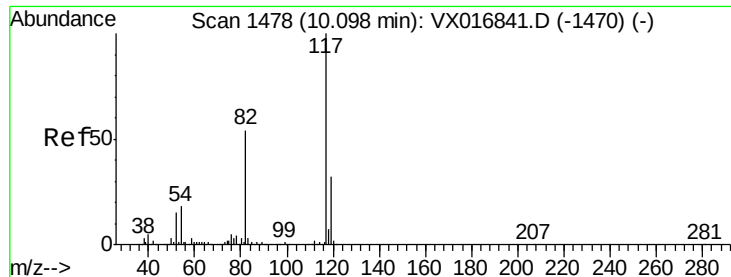
MMDadoda
 6/23/2020 11:03:24 AM



#62
 4-Bromofluorobenzene
 Concen: 44.290 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	174.2
176	82.4	0.0	170.0





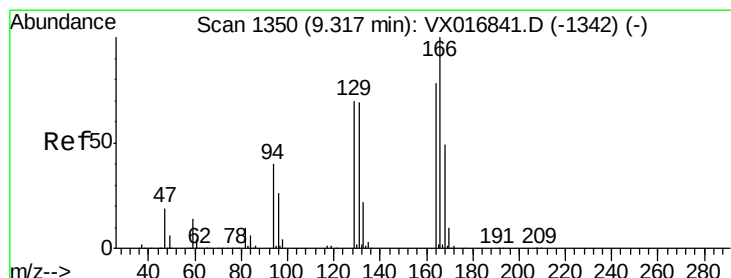
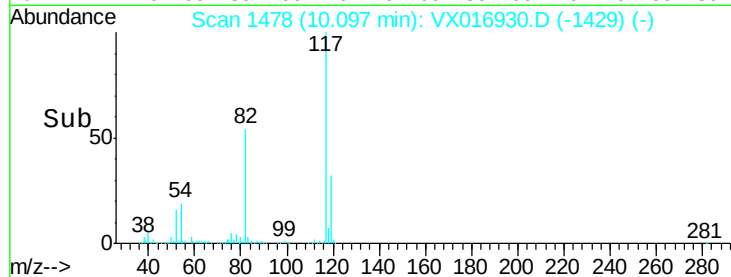
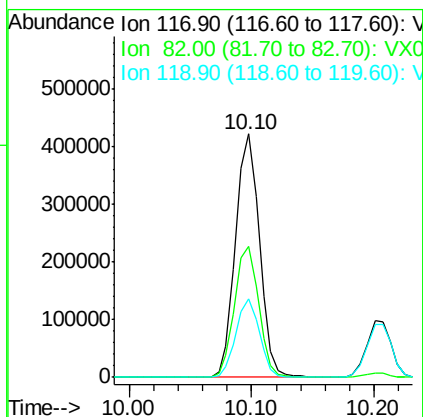
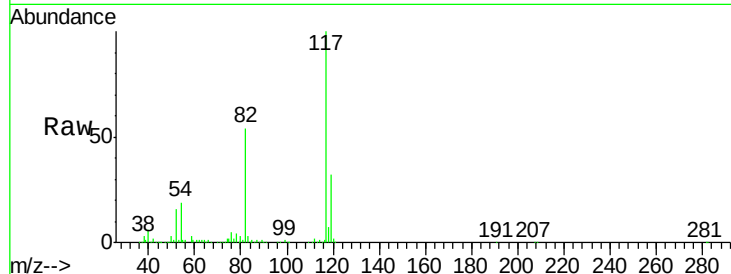
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	571249		
82	53.6		43.4	65.0
119	32.5		25.7	38.5

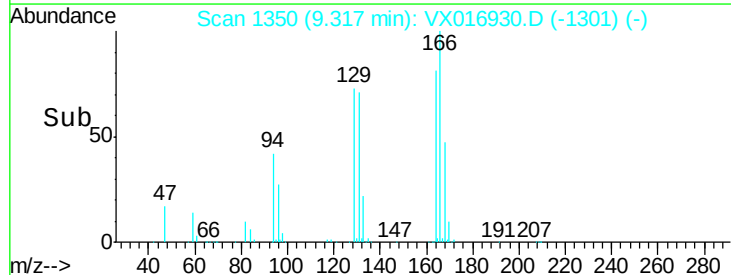
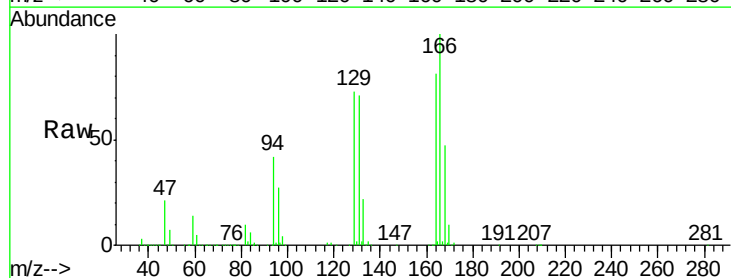
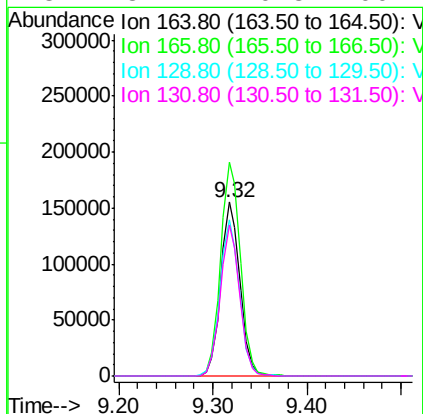
Manual Integrations
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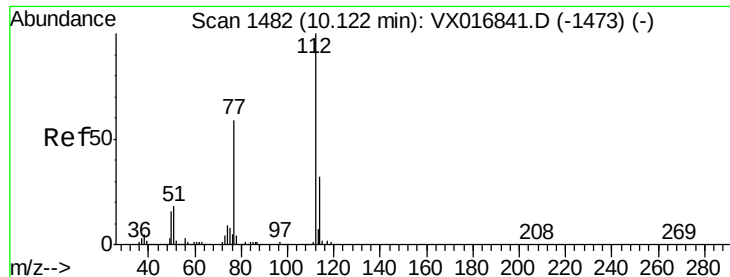
MMDadoda
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#64
Tetrachloroethene
Concen: 41.436 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219187		
166	123.0		102.6	153.8
129	89.7		72.2	108.2
131	87.2		70.8	106.2





#65

Chlorobenzene

Concen: 46.236 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 534842

Ion Ratio Lower Upper

112 100

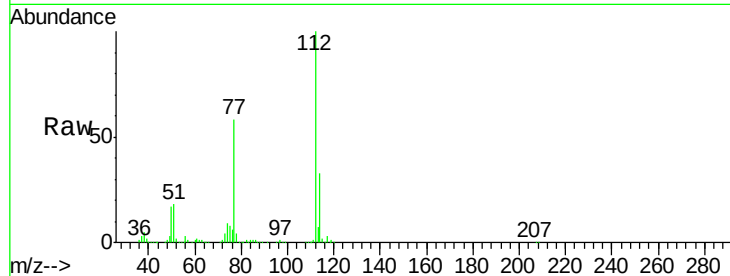
114 32.8 25.5 38.3

Manual Integrations

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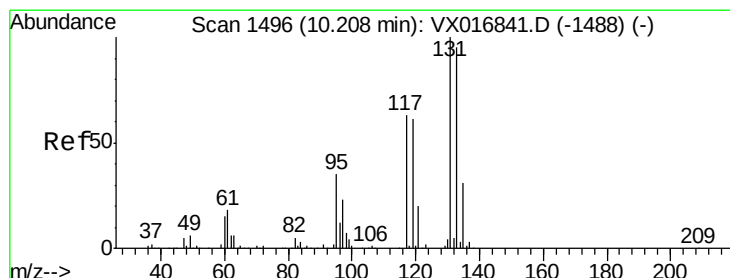
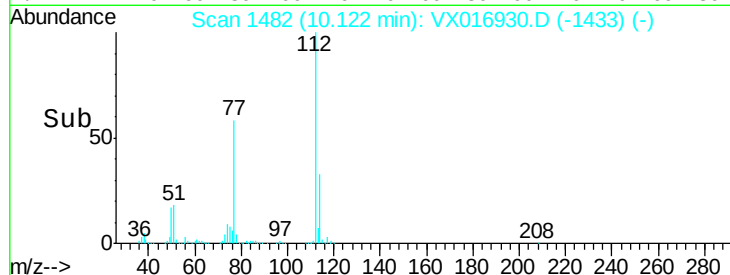
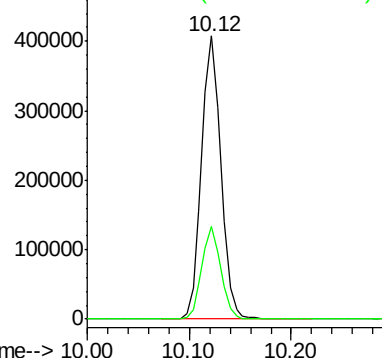
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.894 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

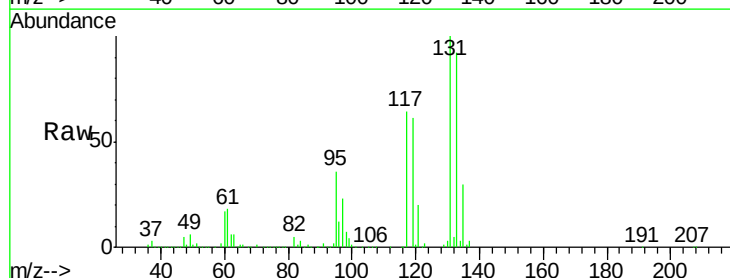
Tgt Ion:131 Resp: 205752

Ion Ratio Lower Upper

131 100

133 94.6 47.7 143.1

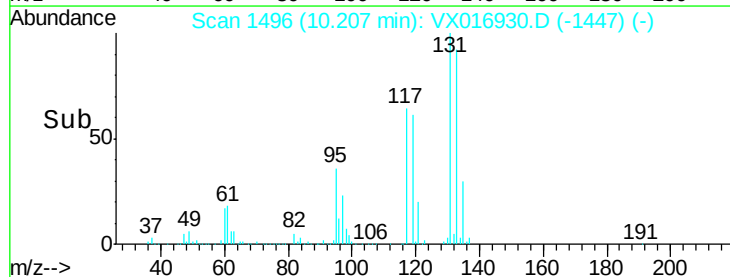
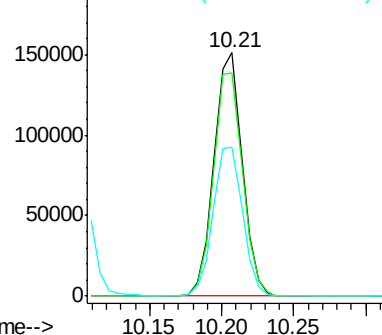
119 64.2 30.8 92.4

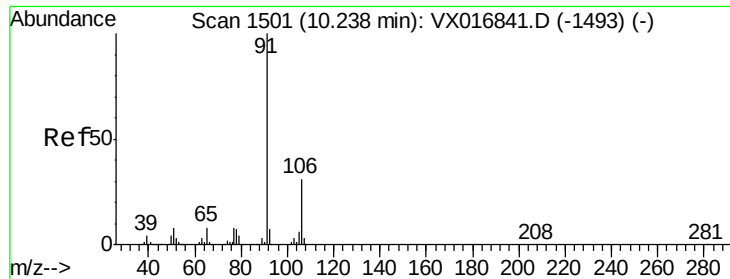


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.826 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 933446

Ion Ratio Lower Upper

91 100

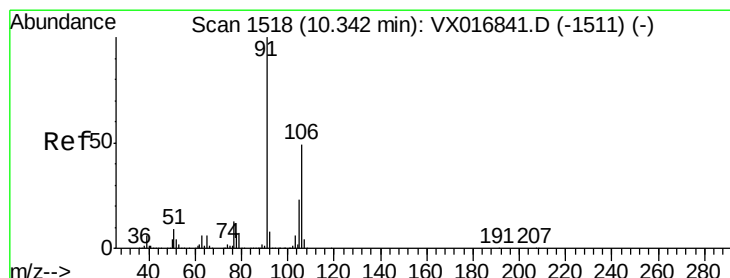
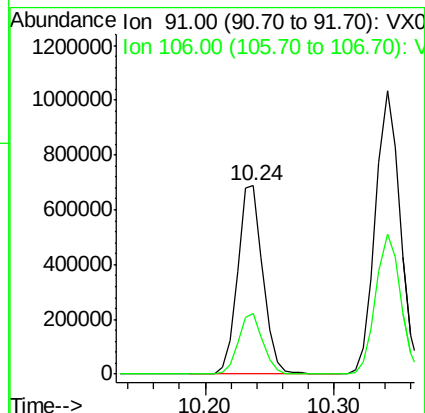
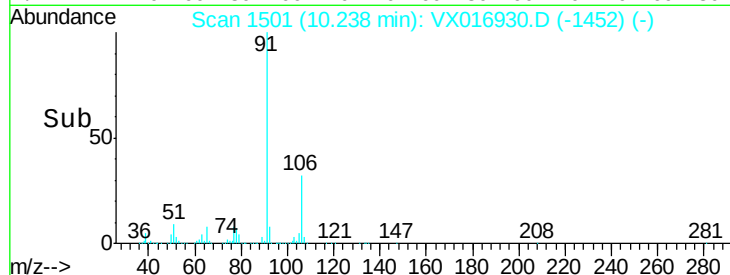
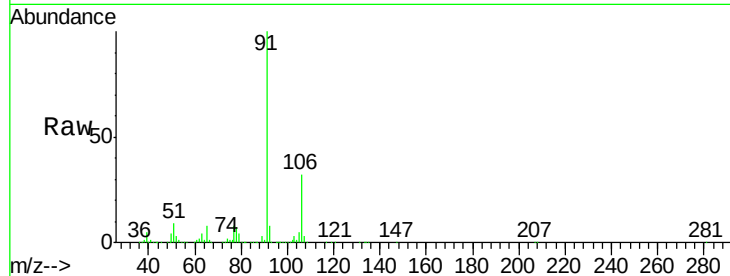
106 31.9 25.1 37.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 89.619 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016930.D

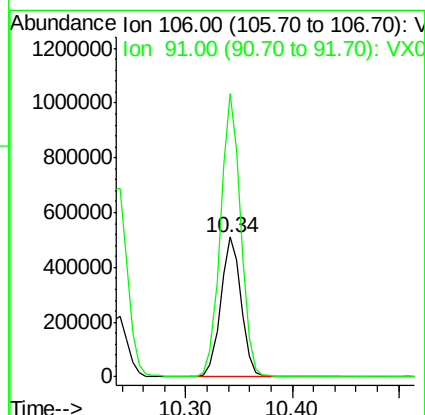
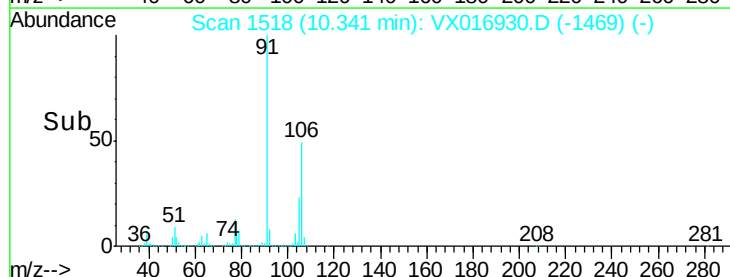
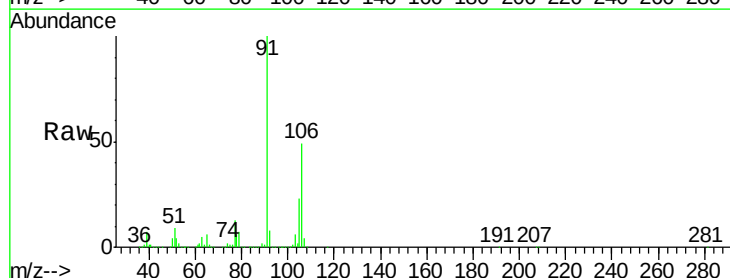
Acq: 22 Jun 2020 19:15

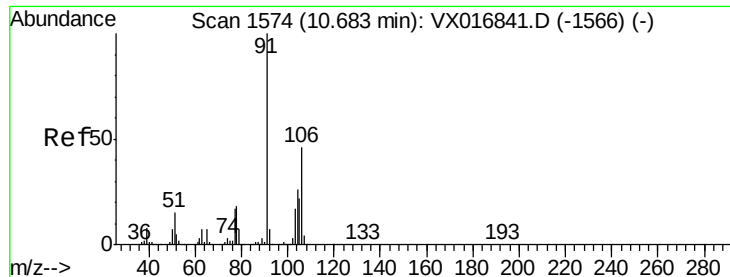
Tgt Ion: 106 Resp: 680643

Ion Ratio Lower Upper

106 100

91 199.9 161.5 242.3





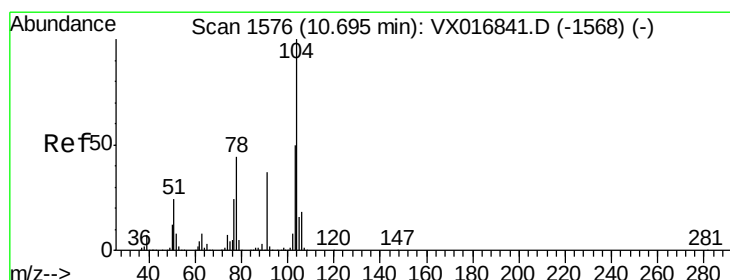
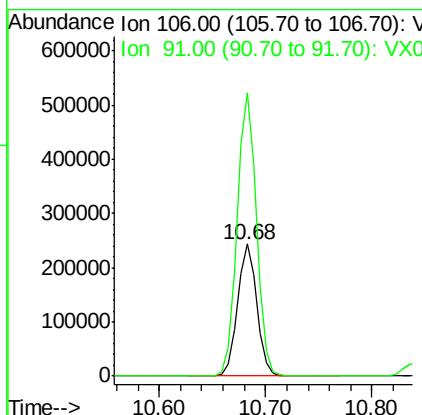
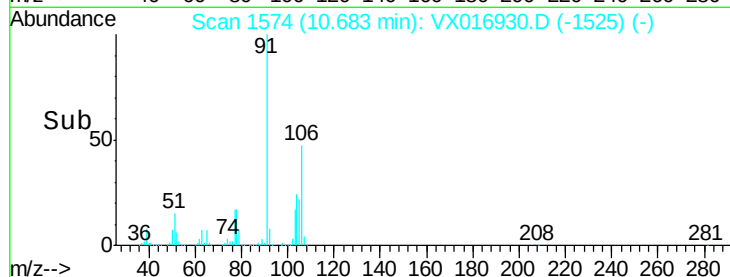
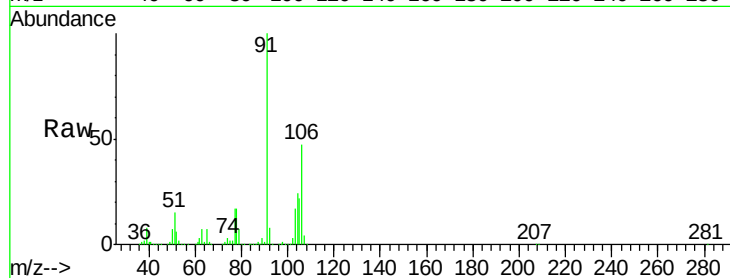
#69
o-Xylene
Concen: 44.118 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 309823
Ion Ratio Lower Upper
106 100
91 215.0 107.9 323.7

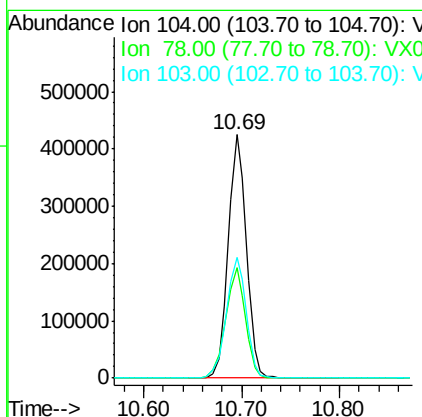
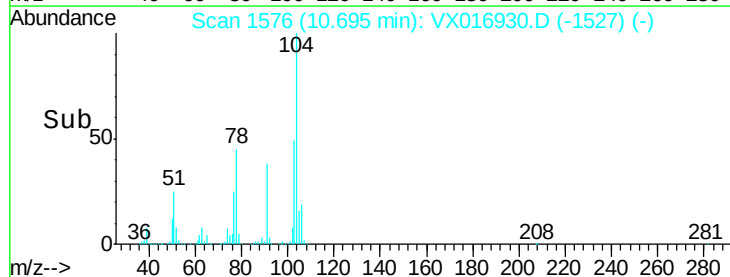
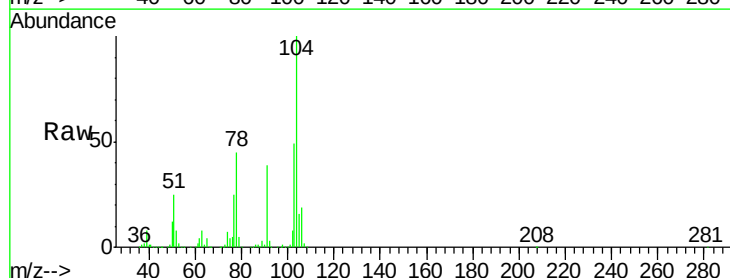
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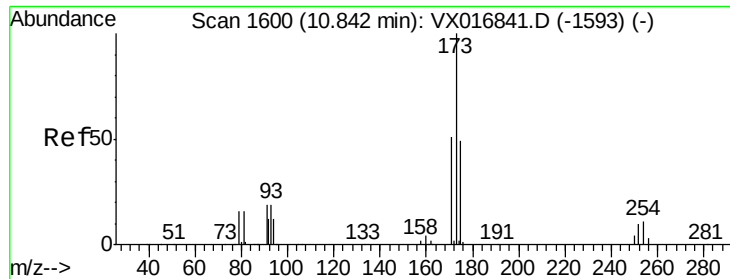
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#70
Styrene
Concen: 45.976 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion:104 Resp: 548600
Ion Ratio Lower Upper
104 100
78 49.1 39.6 59.4
103 53.9 43.3 64.9





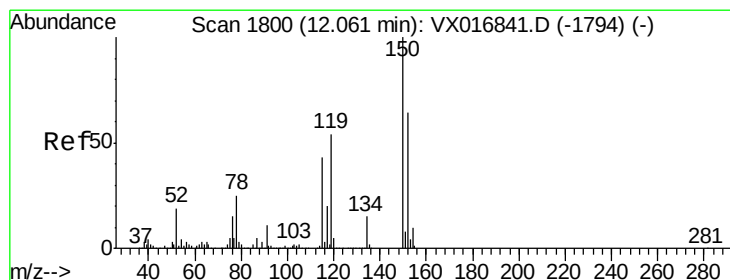
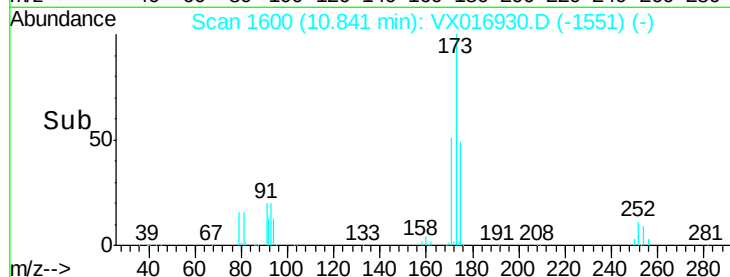
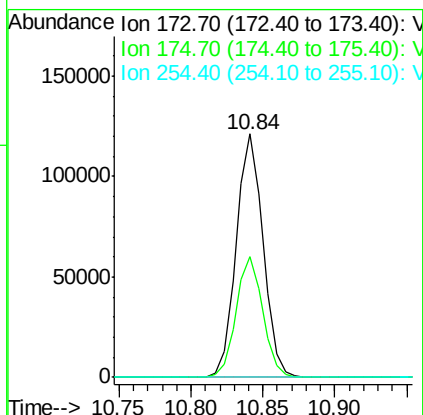
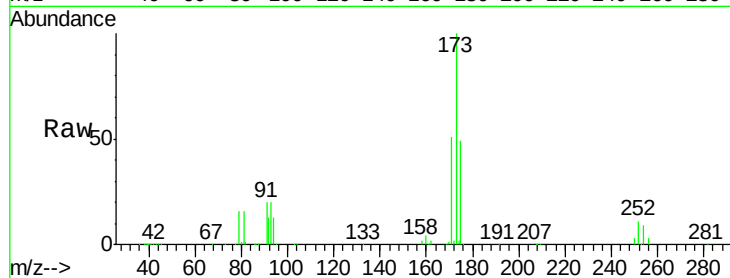
#71
Bromoform
Concen: 41.713 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	73.0
254	0.1	0.1	0.1

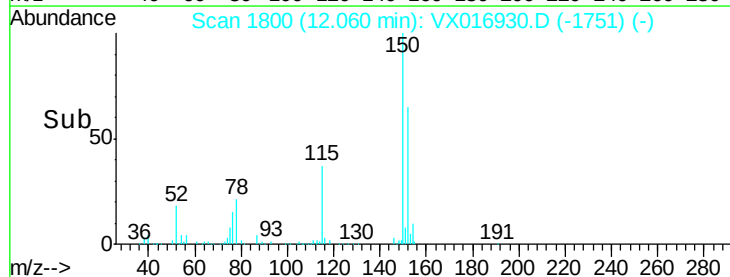
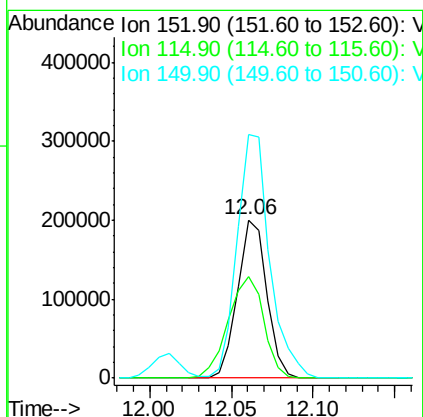
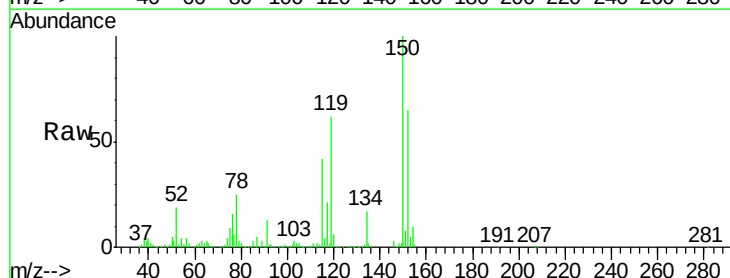
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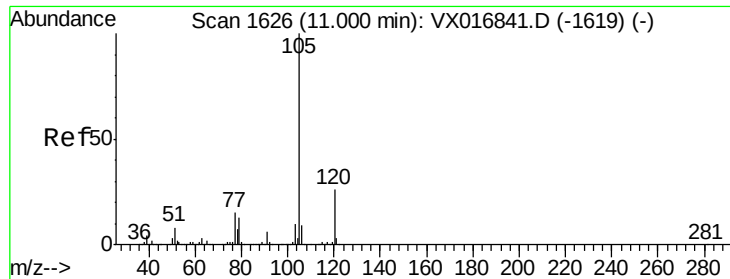
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	40.9	122.8
150	171.8	0.0	344.2





#73

Isopropylbenzene

Concen: 51.579 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 832358

Ion Ratio Lower Upper

105 100

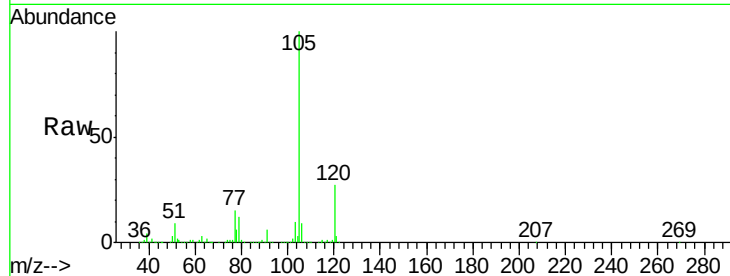
120 26.4 13.2 39.6

Manual Integrations

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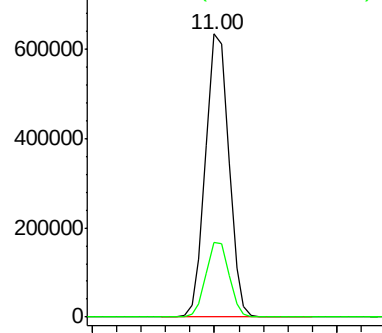
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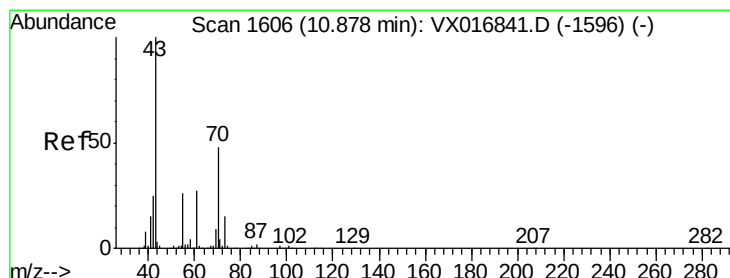
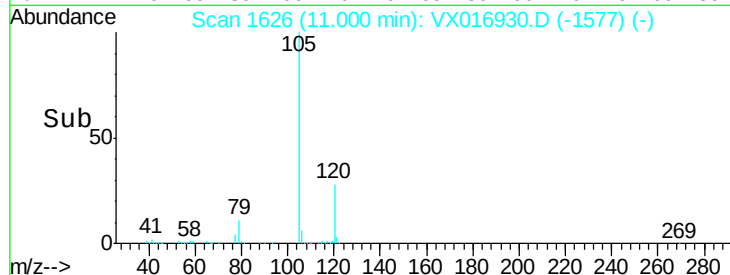


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 60.028 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion: 43 Resp: 338263

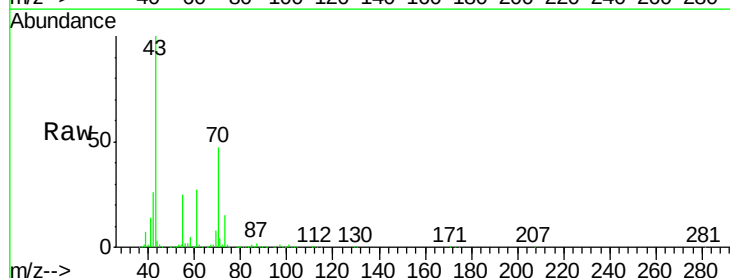
Ion Ratio Lower Upper

43 100

70 47.9 39.9 59.9

55 25.7 21.8 32.6

61 26.9 22.2 33.4

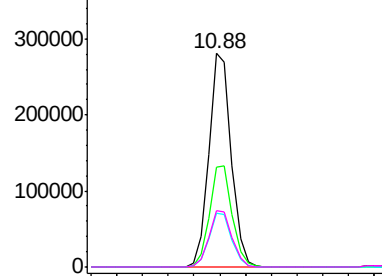


Abundance Ion 43.00 (42.70 to 43.70): VX0

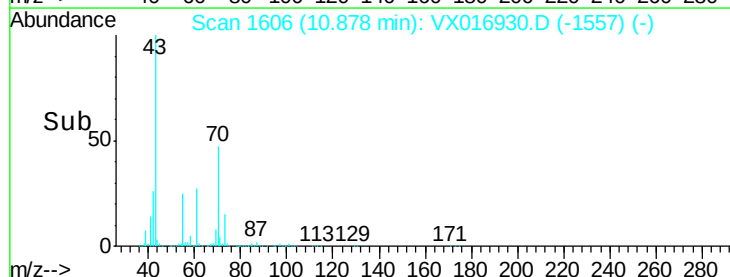
Ion 70.00 (69.70 to 70.70): VX0

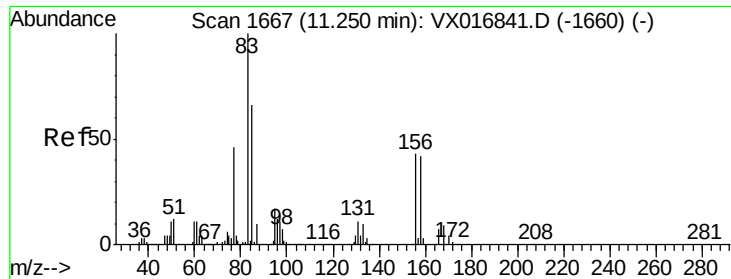
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 52.679 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

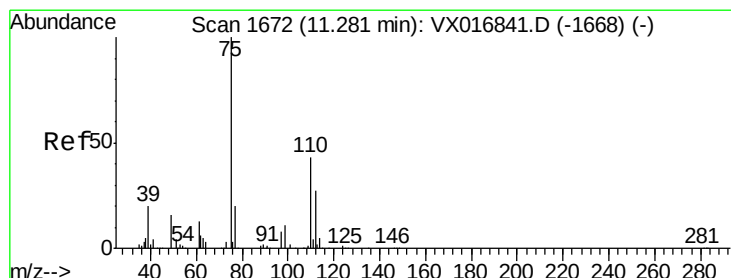
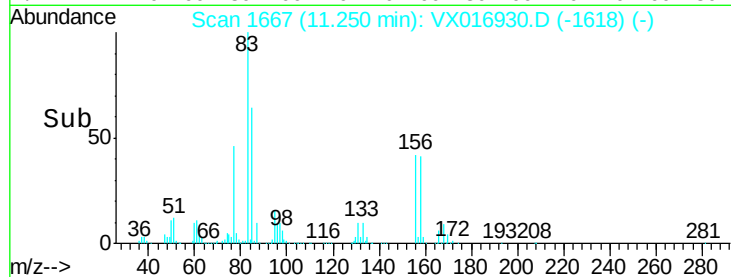
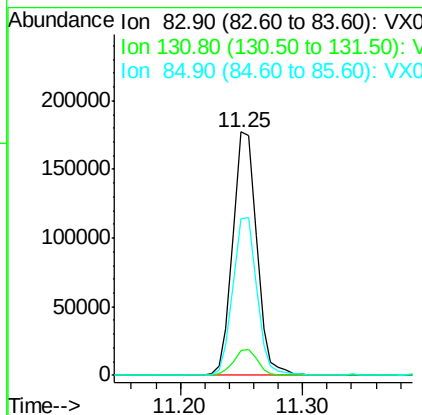
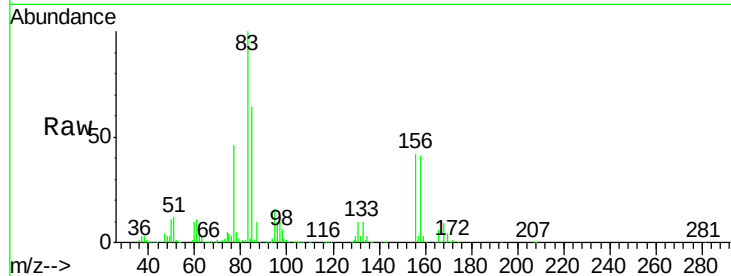
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	240046
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.1
85	64.8	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.281 ug/l m

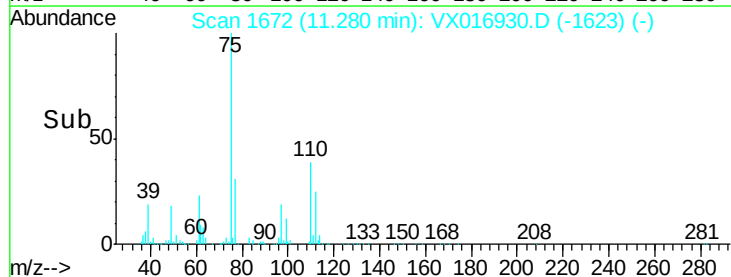
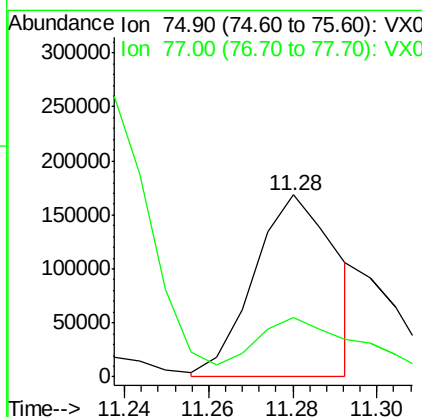
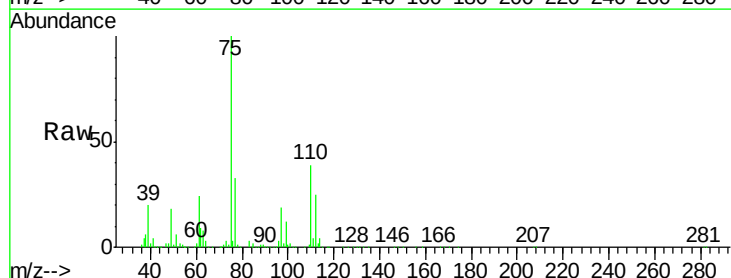
RT: 11.28 min Scan# 1672

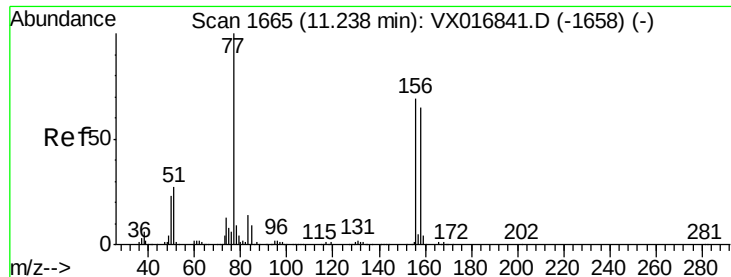
Delta R.T. 0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	75	Resp:	230162
Ion Ratio	Lower	Upper	
75	100		
77	41.9	20.5	61.5





#77

Bromobenzene

Concen: 48.749 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 214549

Ion Ratio Lower Upper

156 100

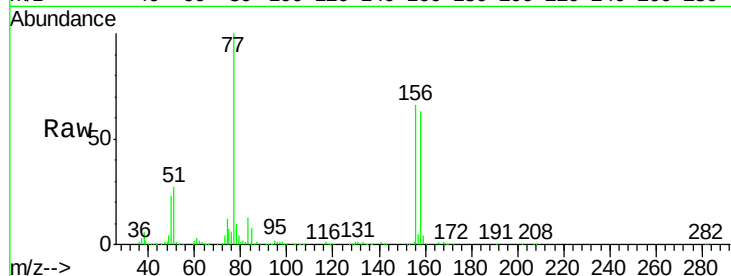
77 152.4 73.4 220.2

158 96.9 48.8 146.3

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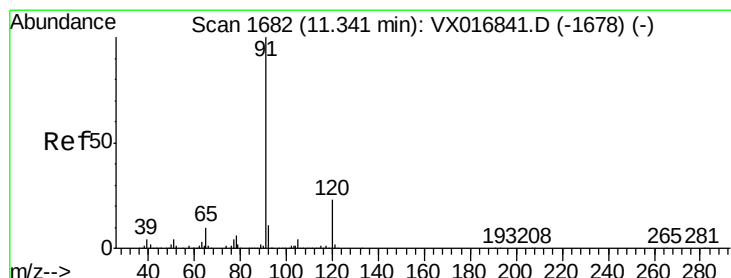
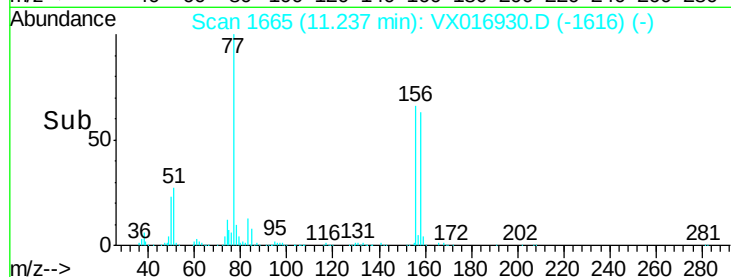
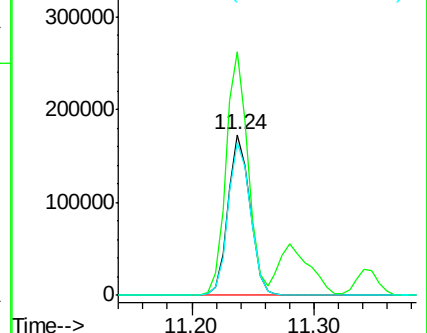
6/23/2020 11:03:24 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.485 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016930.D

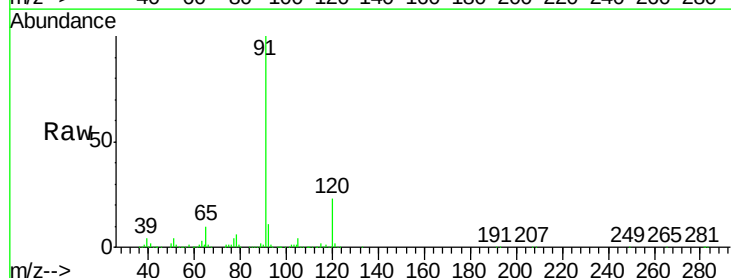
Acq: 22 Jun 2020 19:15

Tgt Ion: 91 Resp: 927236

Ion Ratio Lower Upper

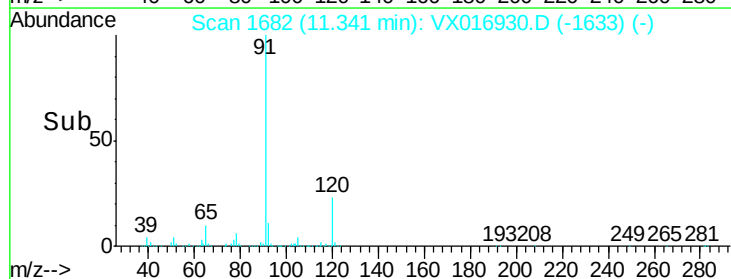
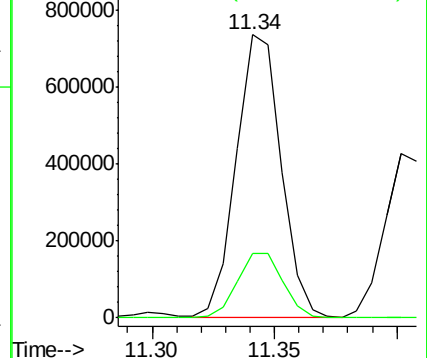
91 100

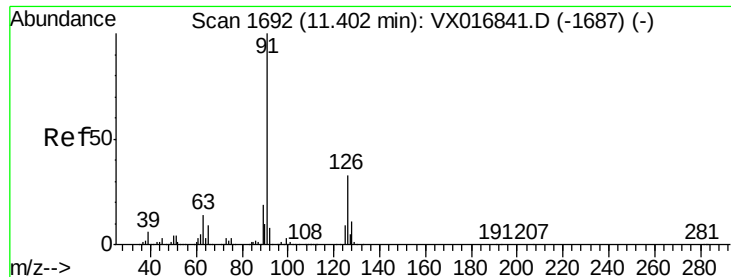
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





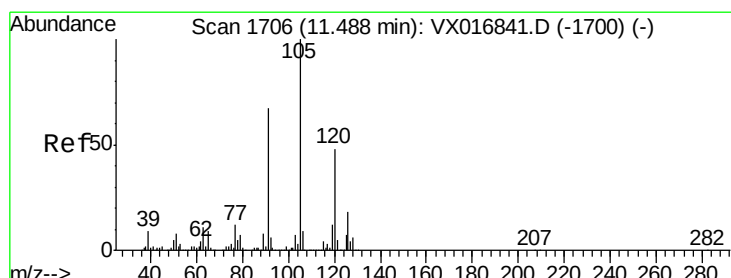
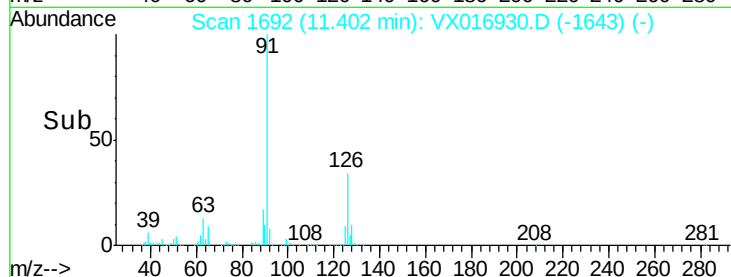
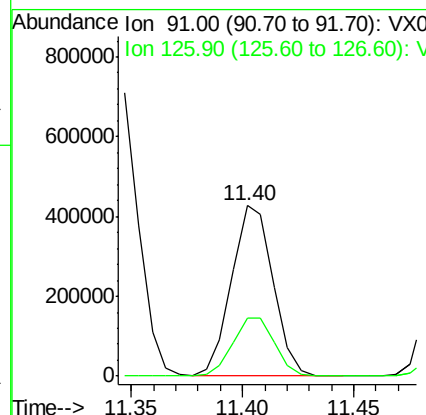
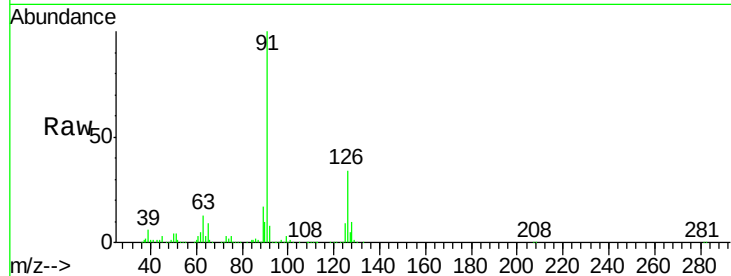
#79
2-Chlorotoluene
Concen: 50.175 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 552886
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.5

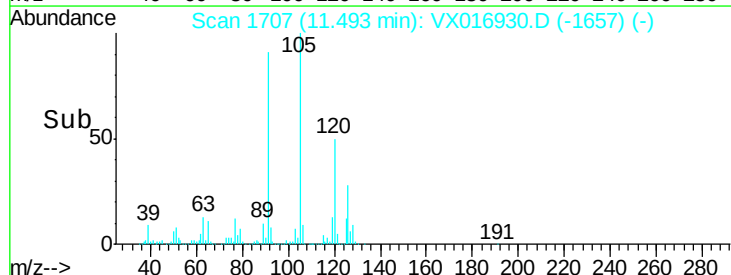
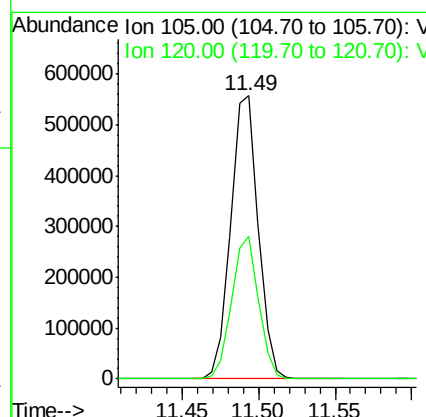
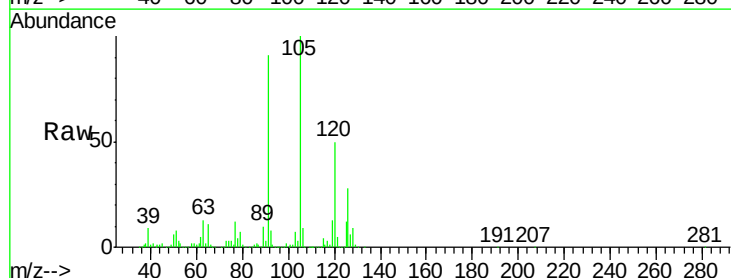
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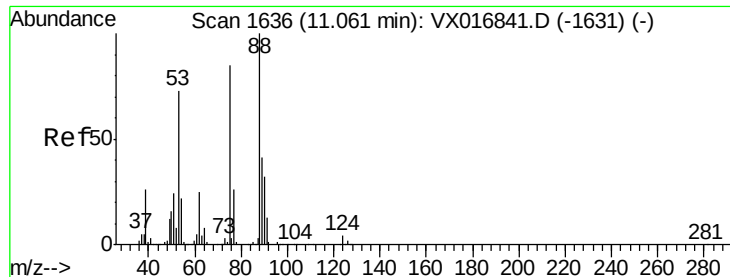
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 49.803 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion: 105 Resp: 693436
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0





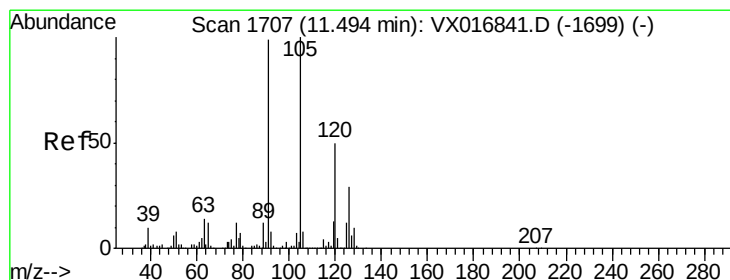
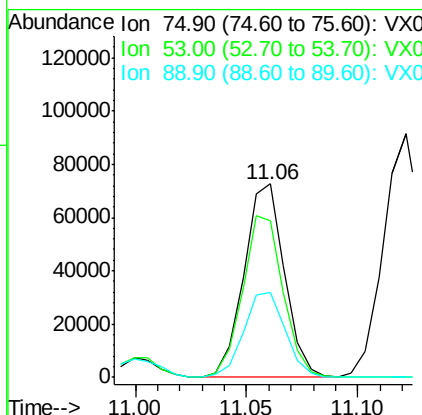
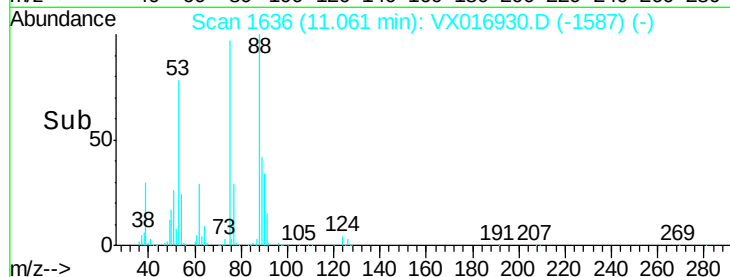
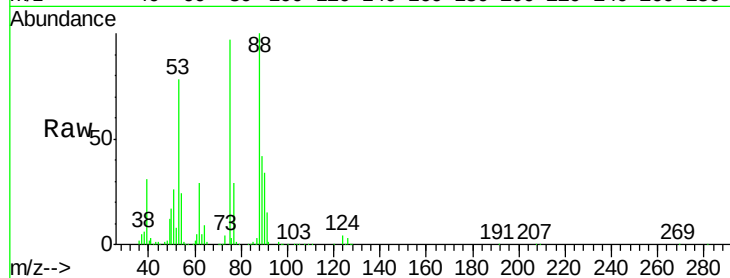
#81
trans-1,4-Dichloro-2-butene
Concen: 48.785 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	69.8	104.8
89	45.5	38.3	57.5

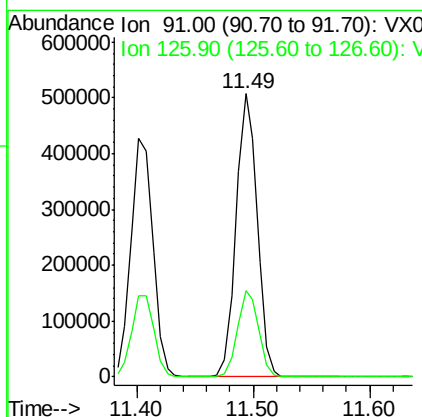
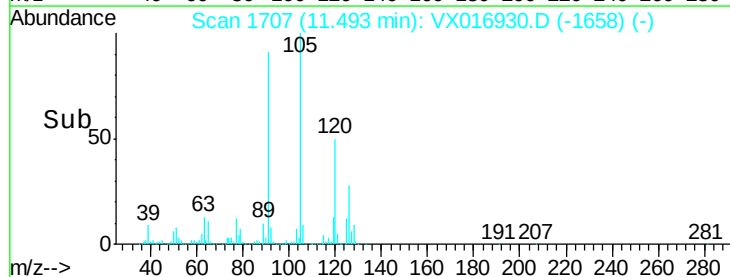
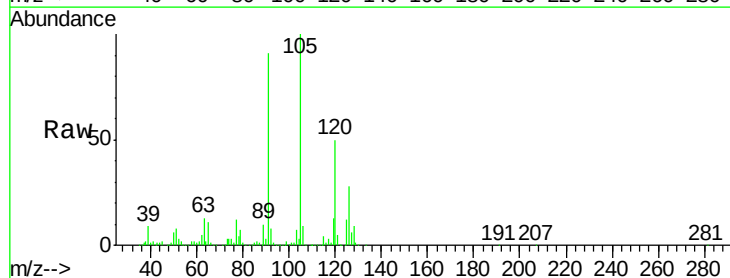
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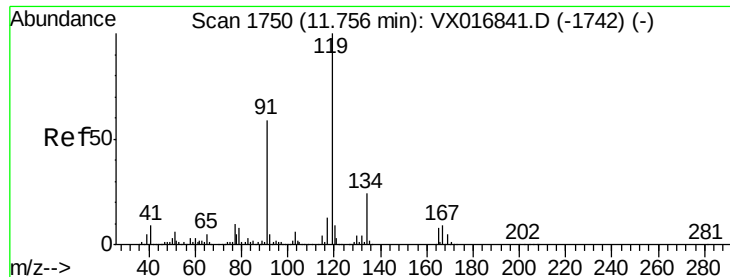
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#82
4-Chlorotoluene
Concen: 48.671 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.0	45.0





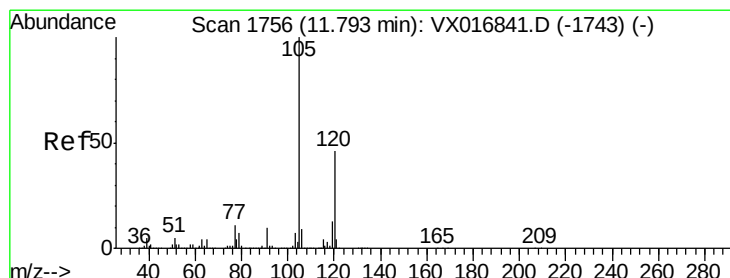
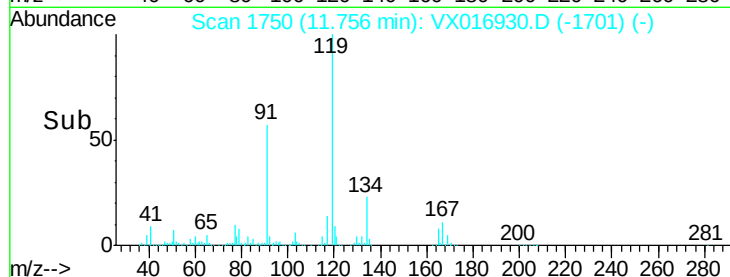
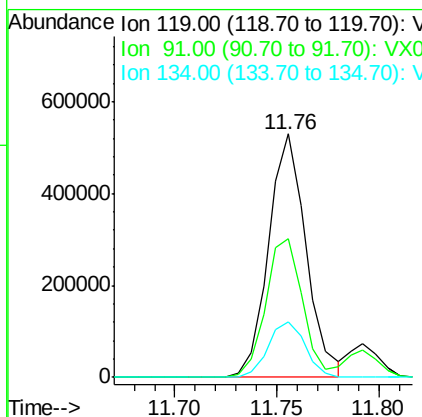
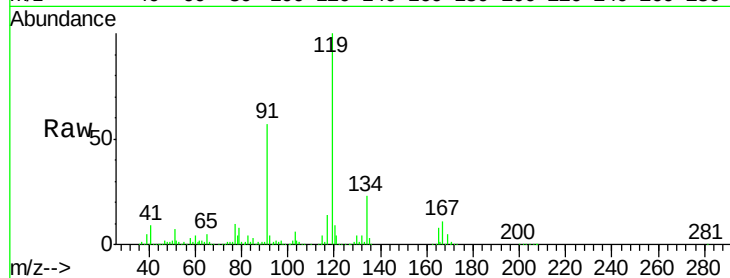
#83
tert-Butylbenzene
Concen: 49.190 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	28.5	85.5
134	22.8	11.7	35.1

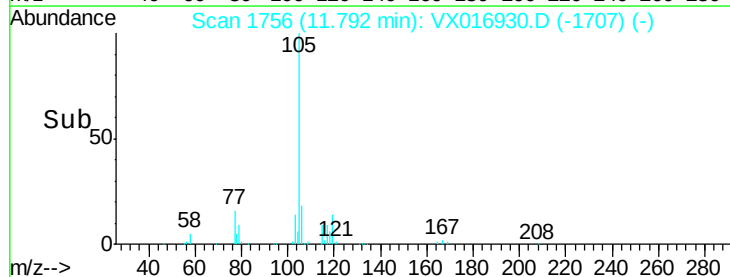
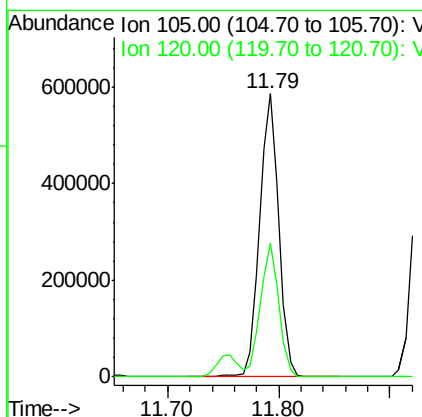
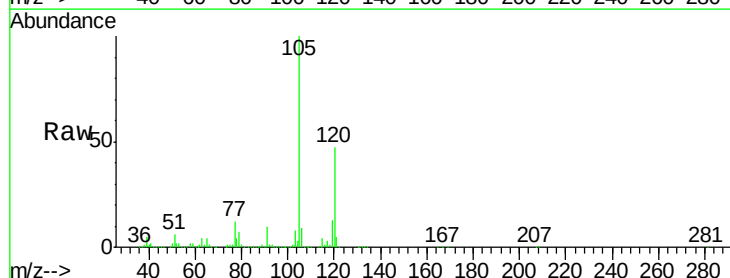
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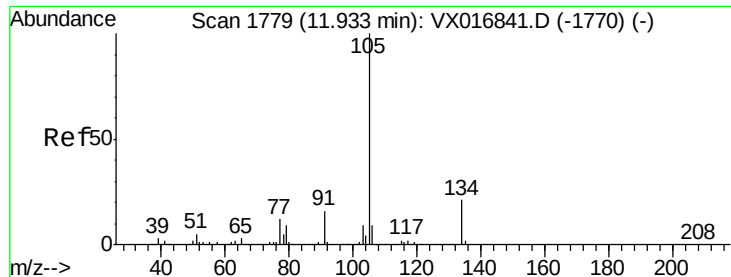
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#84
1,2,4-Trimethylbenzene
Concen: 49.018 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.9





#85

sec-Butylbenzene

Concen: 48.022 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 768332

Ion Ratio Lower Upper

105 100

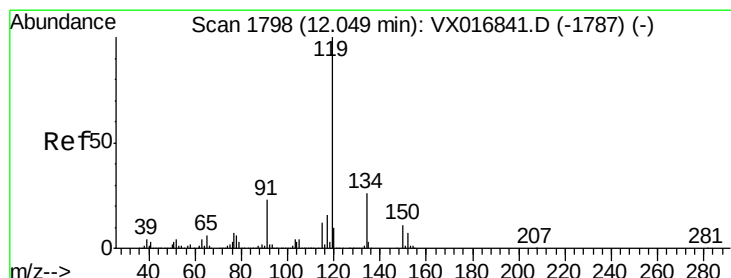
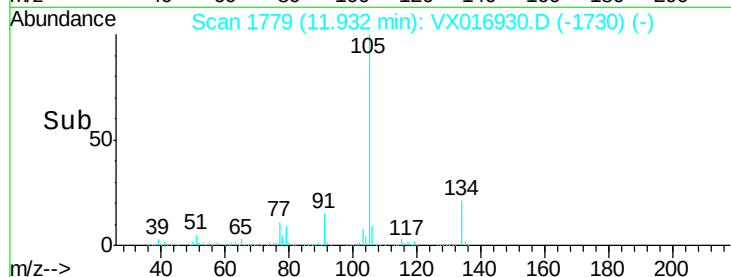
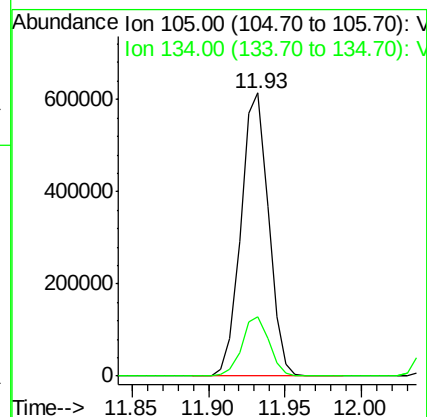
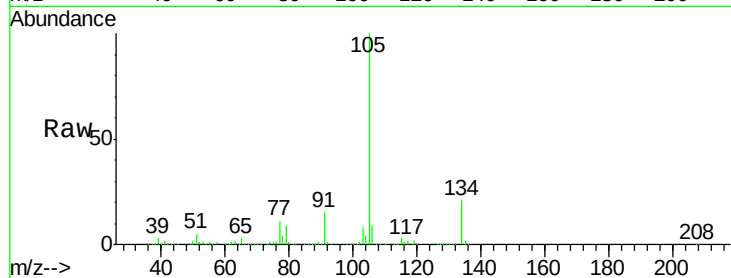
134 20.7 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.551 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

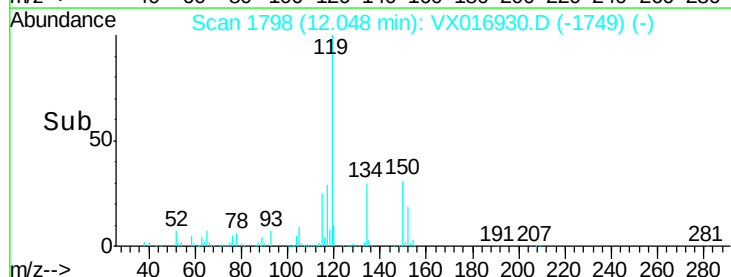
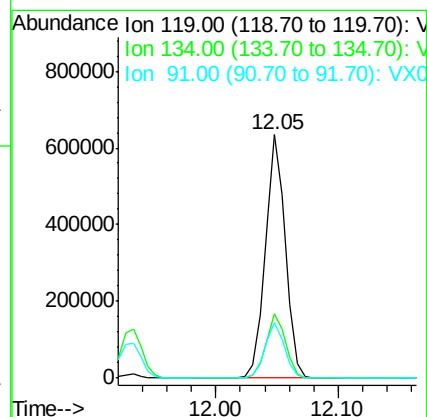
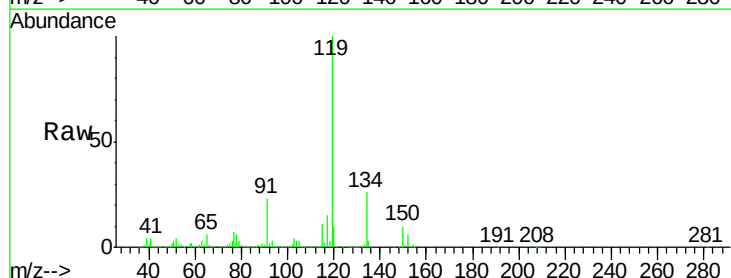
Tgt Ion:119 Resp: 726394

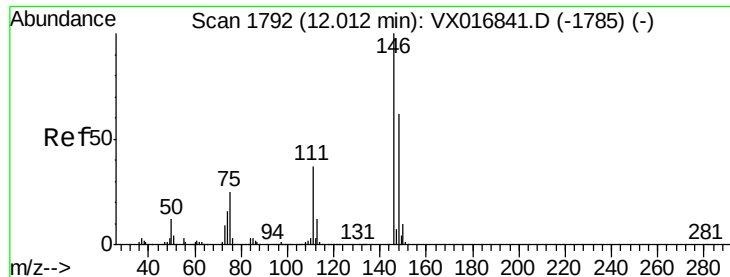
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 22.6 11.6 34.8





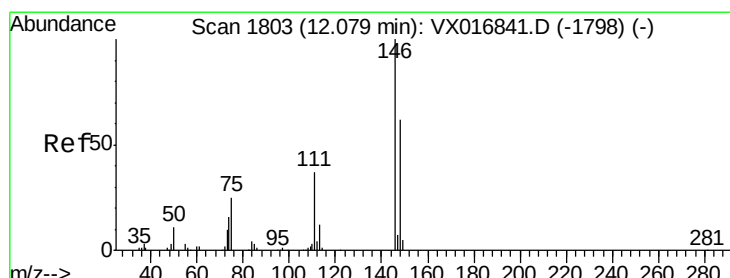
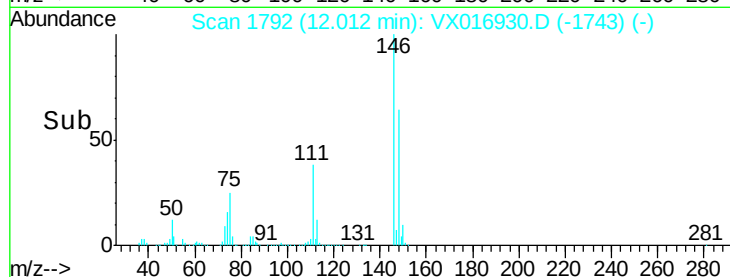
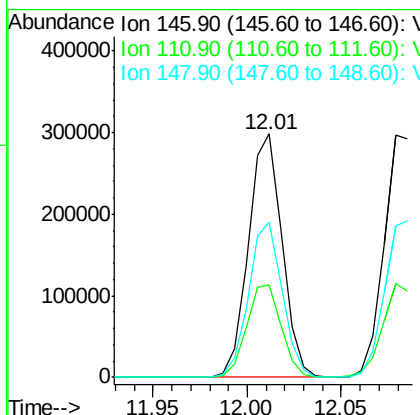
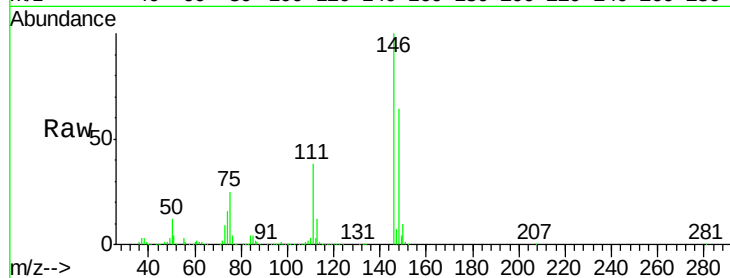
#87
 1,3-Dichlorobenzene
 Concen: 45.956 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	63.6	31.8	95.3

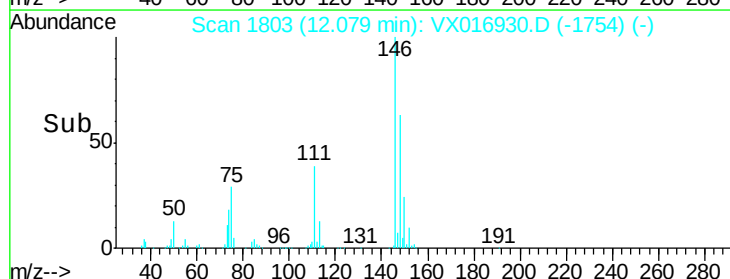
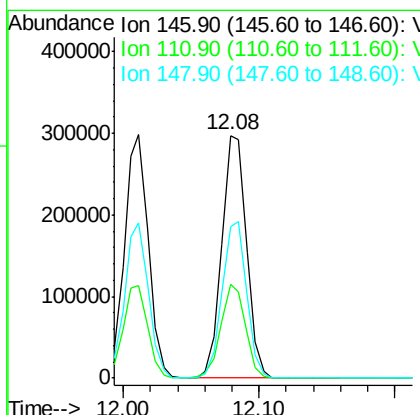
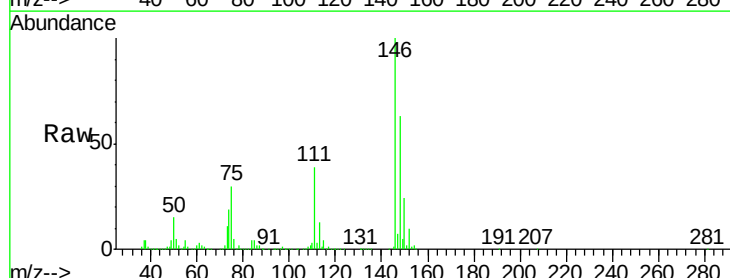
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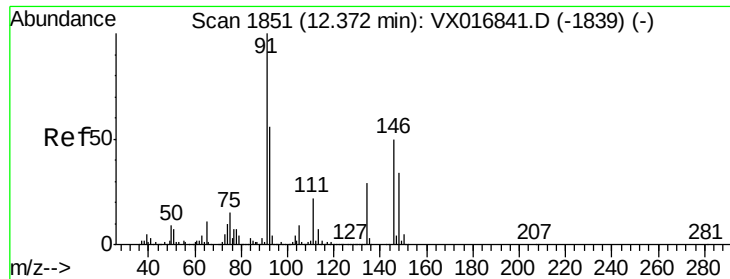
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#88
 1,4-Dichlorobenzene
 Concen: 45.921 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.0	57.0
148	64.1	31.6	95.0





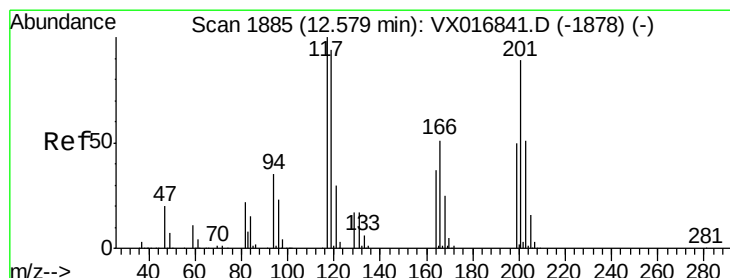
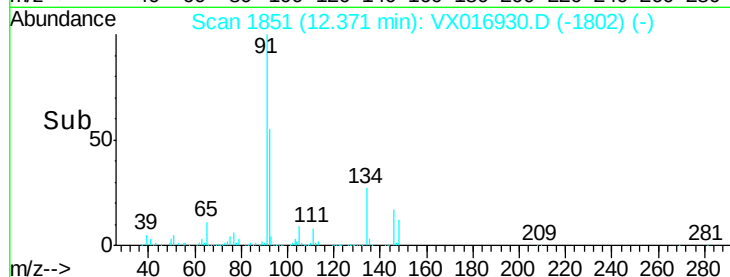
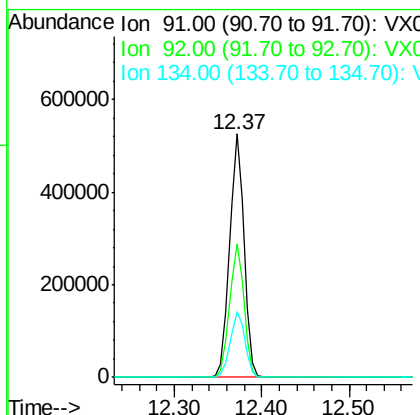
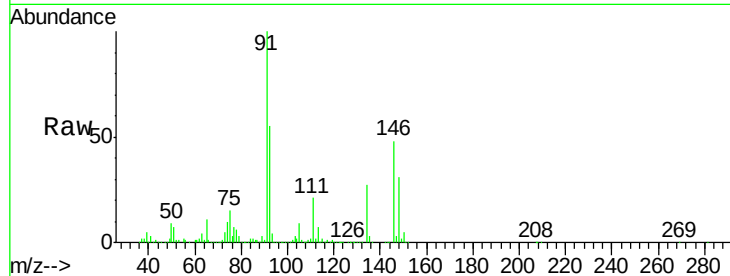
#89
n-Butylbenzene
Concen: 47.793 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	27.5	13.9	41.6

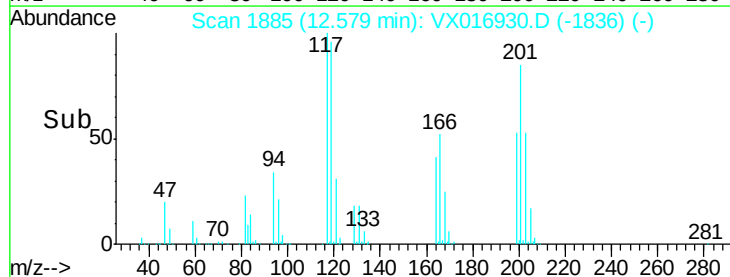
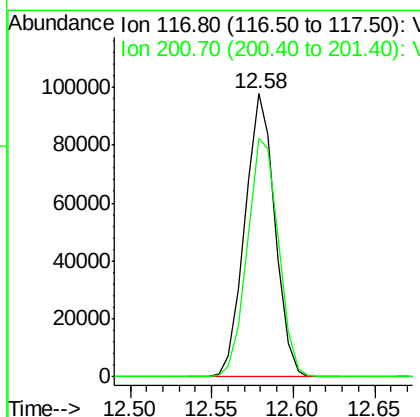
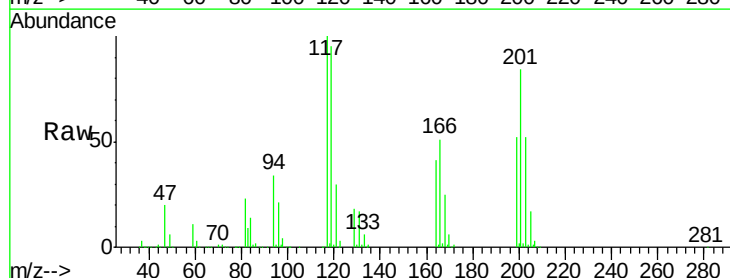
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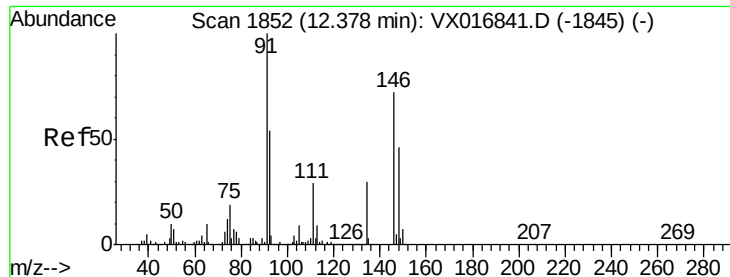
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#90
Hexachloroethane
Concen: 47.480 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	44.9	134.5





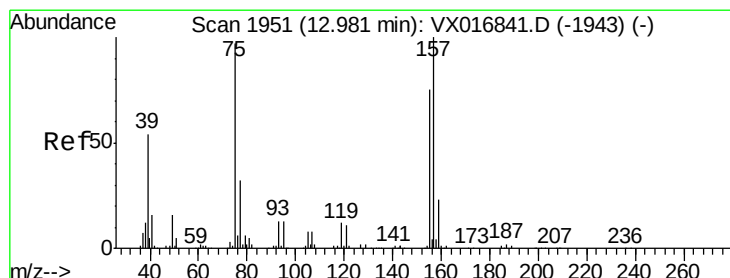
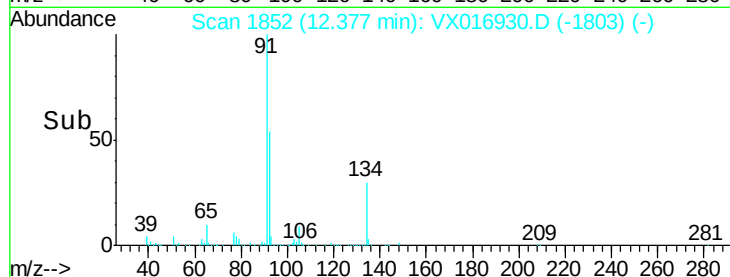
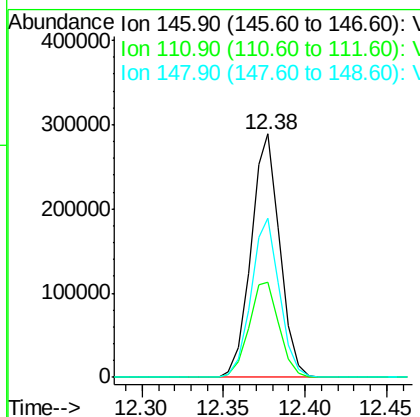
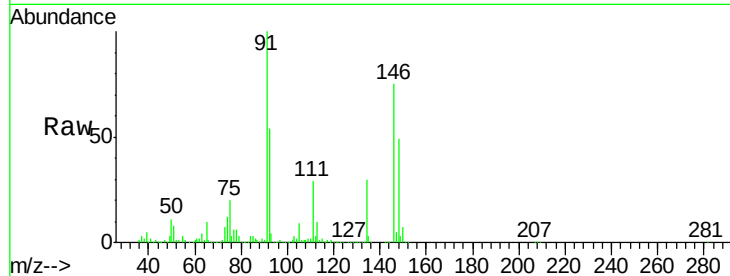
#91
 1,2-Dichlorobenzene
 Concen: 45.414 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	352523		
111	40.9	20.9	62.7	
148	64.8	32.9	98.6	

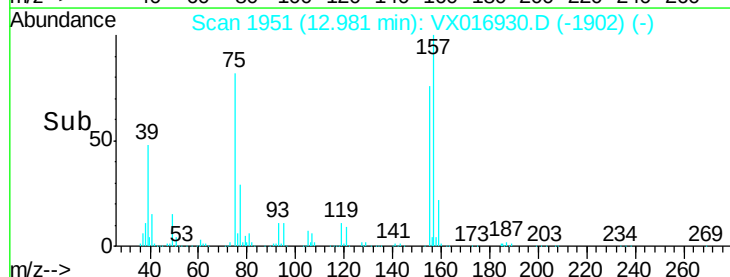
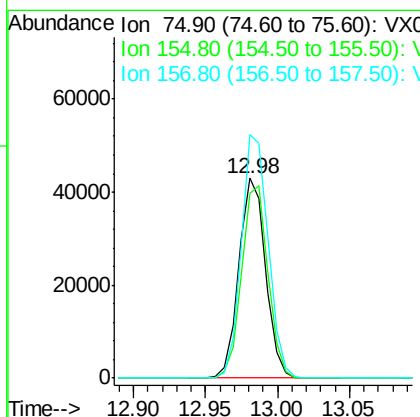
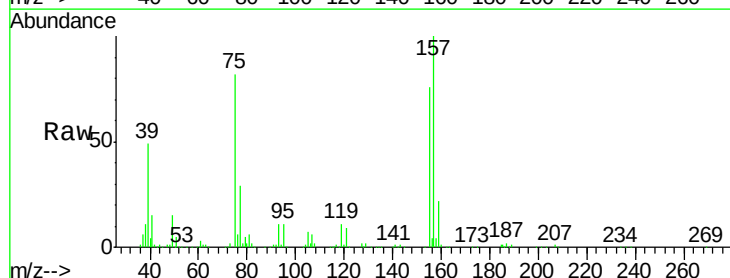
Manual Integrations
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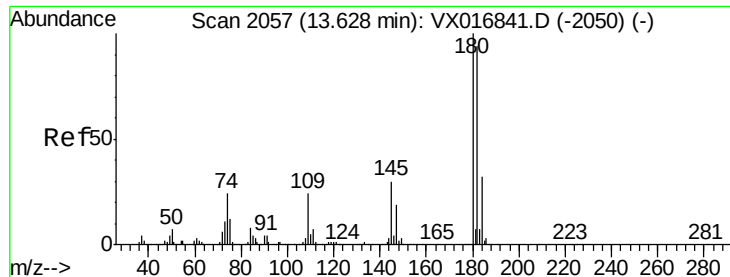
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.933 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016930.D
 Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55031		
155	94.9	46.4	139.1	
157	122.2	58.6	175.8	





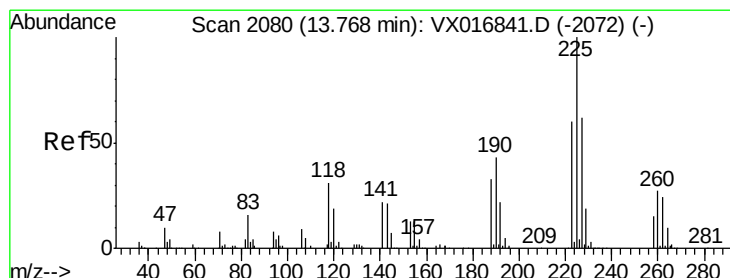
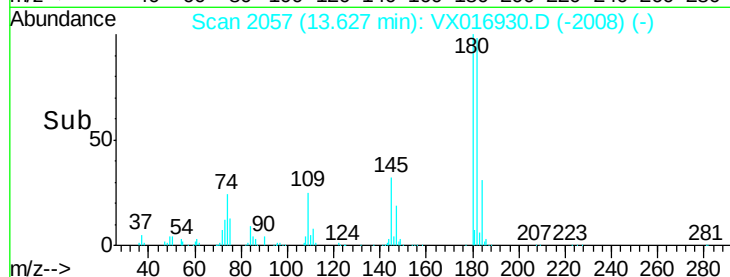
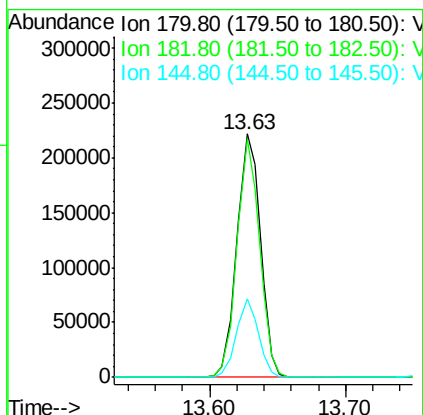
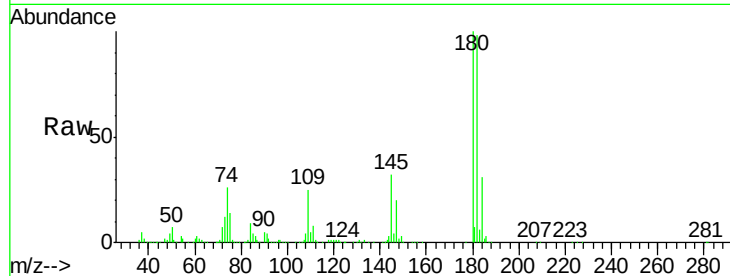
#93
1,2,4-Trichlorobenzene
Concen: 51.362 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	30.2	15.0	45.1

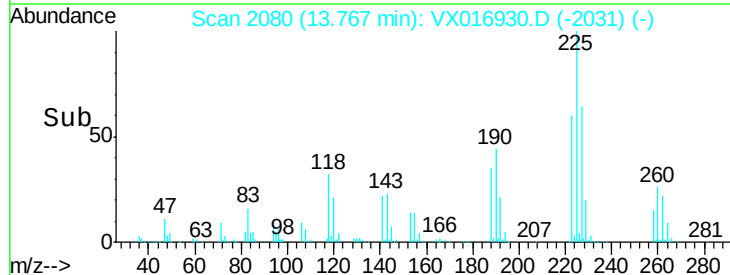
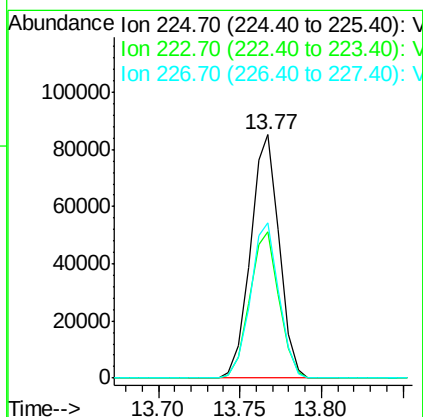
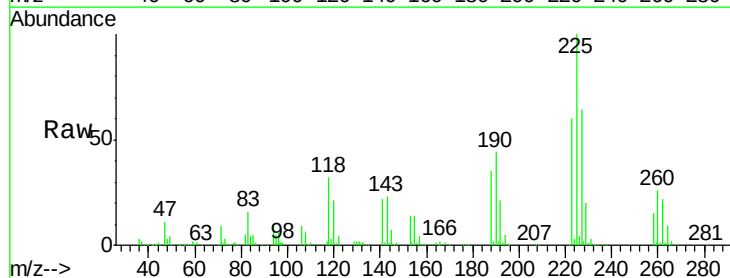
Manual Integrations
APPROVED

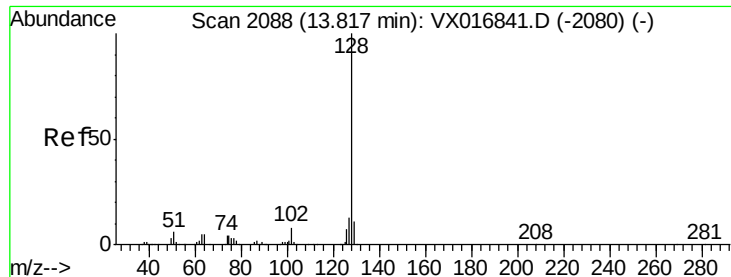
MMDadoda
6/23/2020 11:03:24 AM



#94
Hexachlorobutadiene
Concen: 44.274 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016930.D
Acq: 22 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.1	96.5
227	63.4	32.3	96.8





#95

Naphthalene

Concen: 55.761 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Instrument :

MSVOA_X

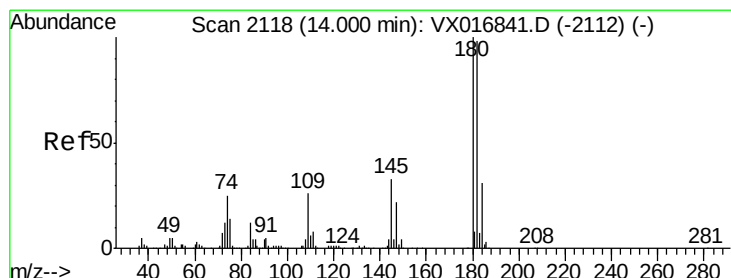
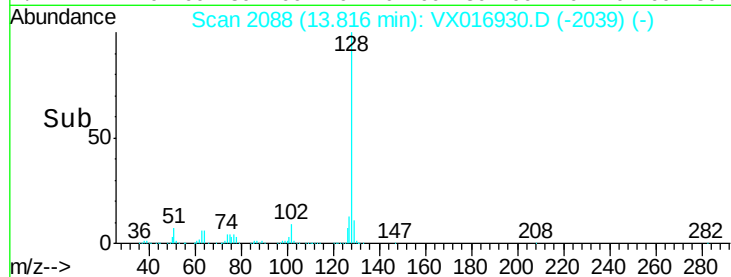
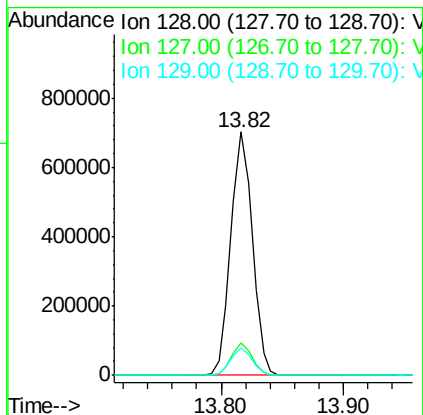
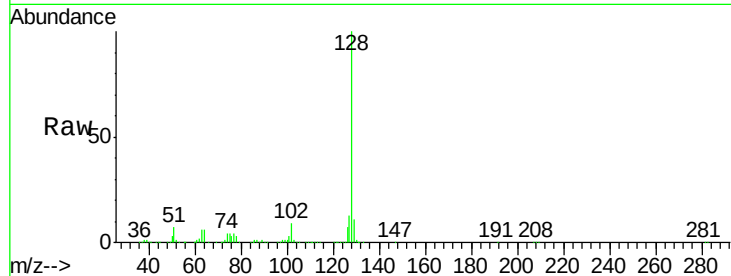
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	853310
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/23/2020 11:03:24 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.763 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016930.D

Acq: 22 Jun 2020 19:15

Tgt Ion:	180	Resp:	253479
Ion Ratio		Lower	Upper
180	100		
182	95.2	47.4	142.3
145	32.1	16.0	48.0

