

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016872.D
 Acq On : 19 Jun 2020 12:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:48:02 AM

Quant Time: Jun 22 02:10:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	246675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133128	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	5.46	113	109866	40.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.14%	
50) Toluene-d8	8.70	98	426730	39.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.12	95	168788	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	191855	63.376	ug/l	98
3) Chloromethane	1.31	50	178528	58.161	ug/l	99
4) Vinyl Chloride	1.39	62	188264	54.418	ug/l	99
5) Bromomethane	1.62	94	110565	53.078	ug/l	96
6) Chloroethane	1.71	64	110738	51.972	ug/l	100
7) Trichlorofluoromethane	1.92	101	260239	53.771	ug/l	98
8) Diethyl Ether	2.17	74	97970	52.065	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146736	56.921	ug/l	97
10) Methyl Iodide	2.49	142	153863	62.695	ug/l	99
11) Tert butyl alcohol	3.01	59	126879	252.986	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143904	54.591	ug/l	97
13) Acrolein	2.27	56	92931	305.622	ug/l	99
14) Allyl chloride	2.70	41	205437	58.918	ug/l	98
15) Acrylonitrile	3.11	53	292934	254.882	ug/l	99
16) Acetone	2.42	43	310576	288.381	ug/l	100
17) Carbon Disulfide	2.55	76	379088	55.646	ug/l	99
18) Methyl Acetate	2.75	43	156954	57.312	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	393489	52.379	ug/l	99
20) Methylene Chloride	2.83	84	128555	49.776	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	125502	50.436	ug/l	97
22) Diisopropyl ether	3.82	45	348692	52.195	ug/l	96
23) Vinyl Acetate	3.78	43	1444176	262.161	ug/l	100
24) 1,1-Dichloroethane	3.67	63	212560	50.937	ug/l	99
25) 2-Butanone	4.63	43	383410	258.679	ug/l	98
26) 2,2-Dichloropropane	4.55	77	205711	52.617	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	140464	50.224	ug/l	99
28) Bromochloromethane	4.98	49	91330	52.731	ug/l	97
29) Tetrahydrofuran	5.08	42	239458	256.524	ug/l	100
30) Chloroform	5.17	83	224748	51.014	ug/l	98
31) Cyclohexane	5.54	56	189619	51.685	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	212597	50.986	ug/l	100
36) 1,1-Dichloropropene	5.76	75	171640	43.910	ug/l	98
37) Ethyl Acetate	4.79	43	149353	43.244	ug/l	100
38) Carbon Tetrachloride	5.75	117	192547	43.901	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234957	51.695	ug/l	97
40) Benzene	6.11	78	498152	42.472	ug/l	100
41) Methacrylonitrile	4.99	41	88425	47.160	ug/l	99
42) 1,2-Dichloroethane	6.16	62	174314	41.765	ug/l	100
43) Isopropyl Acetate	6.41	43	327266	54.262	ug/l	99
44) Trichloroethene	7.18	130	178082	49.577	ug/l	98
45) 1,2-Dichloropropane	7.49	63	129365	43.875	ug/l	97
46) Dibromomethane	7.63	93	85651	42.835	ug/l	99
47) Bromodichloromethane	7.87	83	183054	43.044	ug/l	100
48) Methyl methacrylate	7.74	41	122311	43.067	ug/l	98
49) 1,4-Dioxane	7.71	88	60015	944.015	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	750264	206.825	ug/l	100
52) Toluene	8.76	92	365270	46.945	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	209703	44.854	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	220678	44.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	128049	43.588	ug/l	98
56) Ethyl methacrylate	9.16	69	192853	45.347	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213119	42.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	466396	235.688	ug/l	100
59) 2-Hexanone	9.47	43	573734	218.404	ug/l	99
60) Dibromochloromethane	9.57	129	153989	43.695	ug/l	100
61) 1,2-Dibromoethane	9.65	107	139065	43.620	ug/l	100
64) Tetrachloroethene	9.32	164	175674	55.740	ug/l	97
65) Chlorobenzene	10.12	112	363107	52.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142751	53.443	ug/l	99
67) Ethyl Benzene	10.24	91	631429	54.300	ug/l	99
68) m/p-Xylenes	10.34	106	489427	108.160	ug/l	100
69) o-Xylene	10.68	106	233538	55.816	ug/l	98
70) Styrene	10.70	104	416678	58.611	ug/l	99
71) Bromoform	10.84	173	123475	54.982	ug/l #	99
73) Isopropylbenzene	11.00	105	643276	44.674	ug/l	100
74) N-amyl acetate	10.88	43	231342	46.009	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165802	40.778	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172053m	42.123	ug/l	
77) Bromobenzene	11.24	156	168562	42.923	ug/l	99
78) n-propylbenzene	11.34	91	718619	44.718	ug/l	99
79) 2-Chlorotoluene	11.40	91	437495	44.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	562778	45.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68177	40.875	ug/l	100
82) 4-Chlorotoluene	11.49	91	527299	44.702	ug/l	100
83) tert-Butylbenzene	11.76	119	620386	50.469	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	685710	53.580	ug/l	98
85) sec-Butylbenzene	11.93	105	765397	53.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	750444	57.371	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	372760	51.955	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	375729	51.782	ug/l	100
89) n-Butylbenzene	12.37	91	617321	55.035	ug/l	100
90) Hexachloroethane	12.58	117	123688	52.493	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	341225	49.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47620	49.394	ug/l	99

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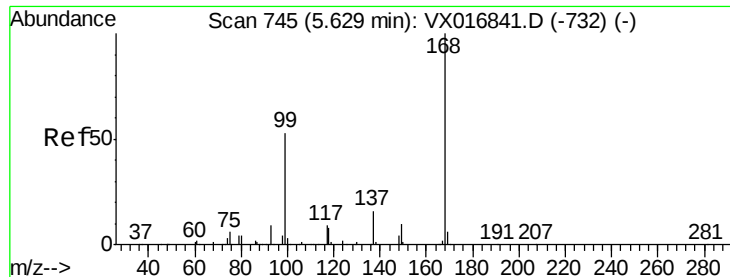
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APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229066	49.251	ug/l	98
94) Hexachlorobutadiene	13.76	225	99374	47.349	ug/l	99
95) Naphthalene	13.82	128	633507	46.395	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	211438	45.586	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 246675

Ion Ratio Lower Upper

168 100

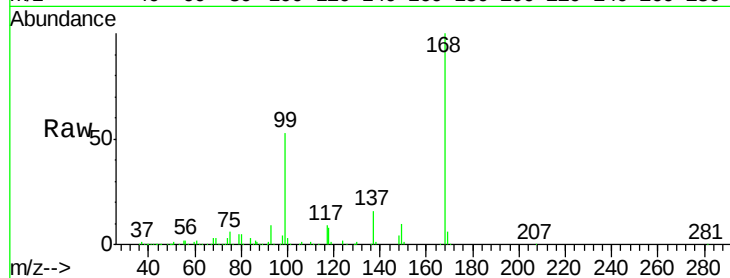
99 53.2 42.2 63.2

Manual Integrations

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6/22/2020 10:48:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

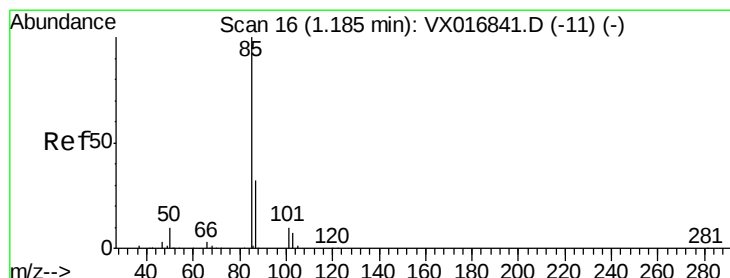
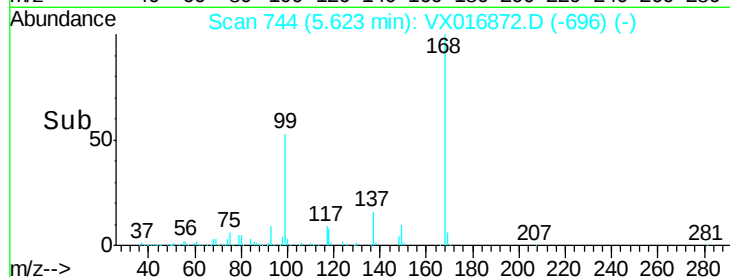
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 63.376 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016872.D

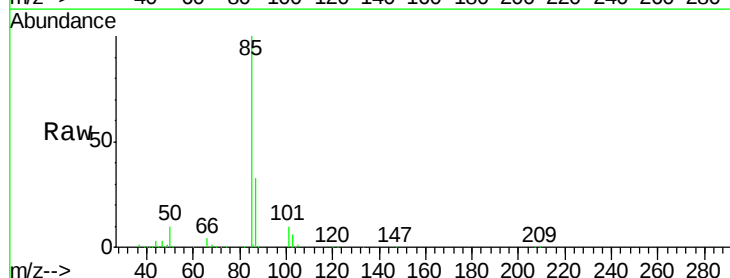
Acq: 19 Jun 2020 12:12

Tgt Ion: 85 Resp: 191855

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

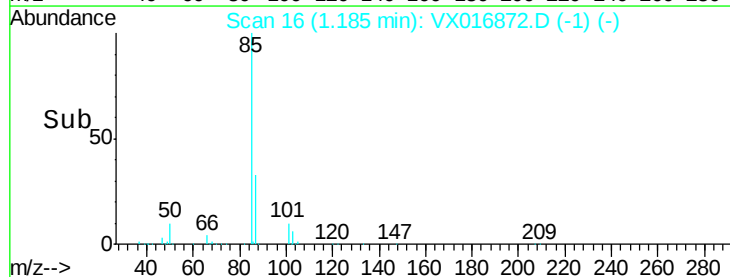
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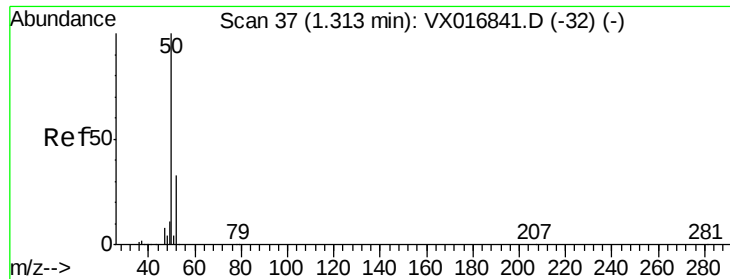
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50000

0

Time-->





#3

Chloromethane

Concen: 58.161 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 178528

Ion Ratio Lower Upper

50 100

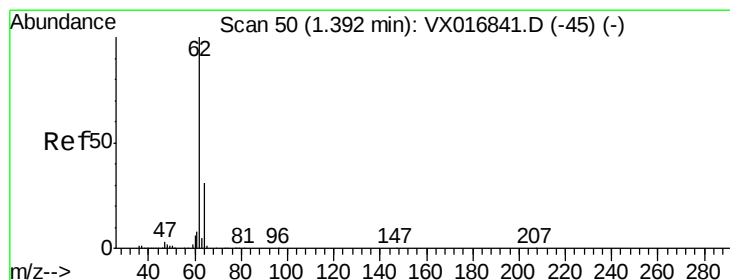
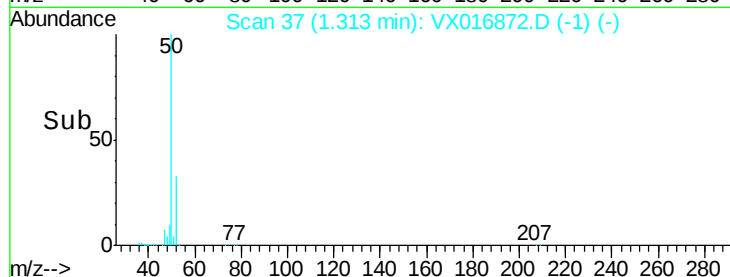
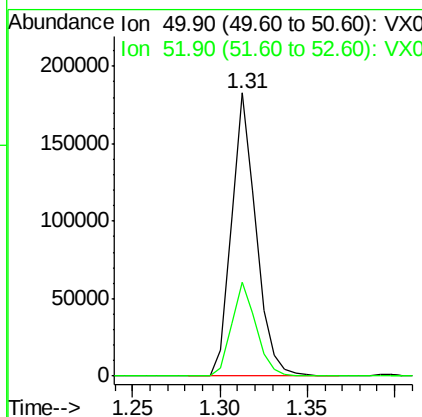
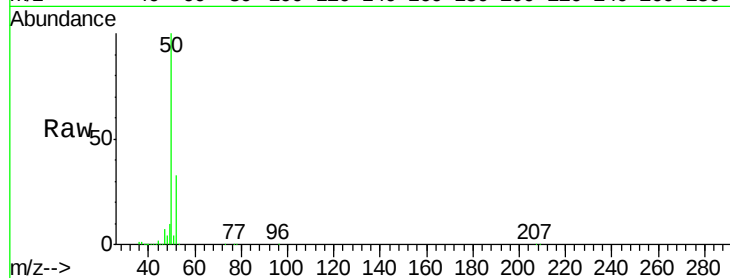
52 33.1 26.1 39.1

Manual Integrations

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6/22/2020 10:48:02 AM



#4

Vinyl Chloride

Concen: 54.418 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016872.D

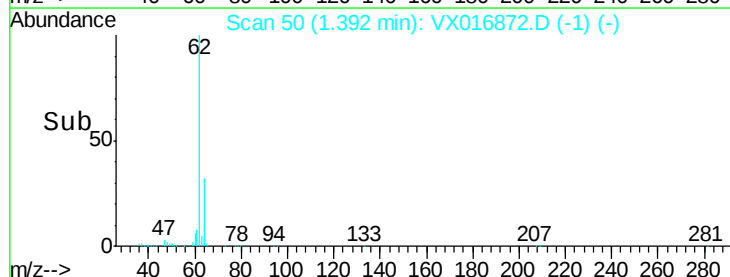
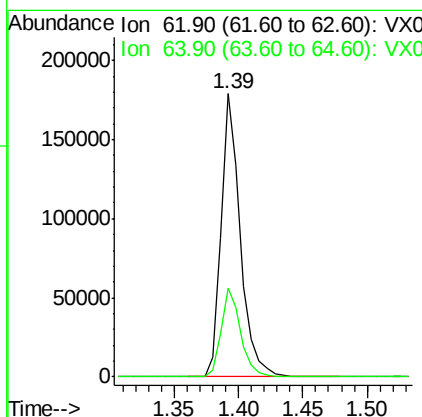
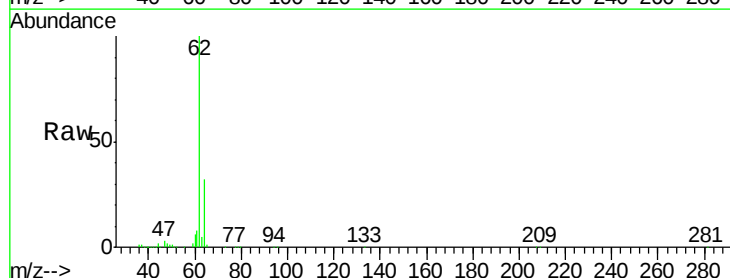
Acq: 19 Jun 2020 12:12

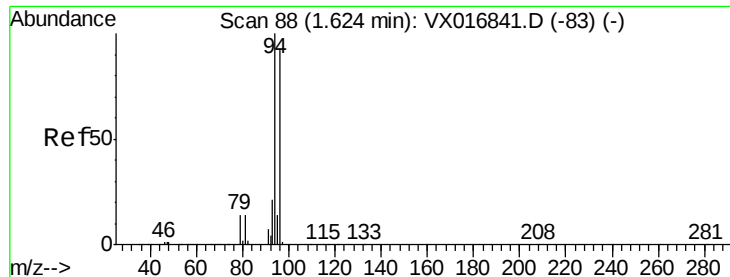
Tgt Ion: 62 Resp: 188264

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.4





#5

Bromomethane

Concen: 53.078 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 110565

Ion Ratio Lower Upper

94 100

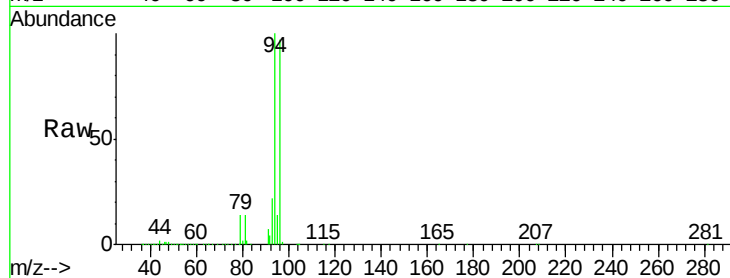
96 96.5 74.4 111.6

Manual Integrations

APPROVED

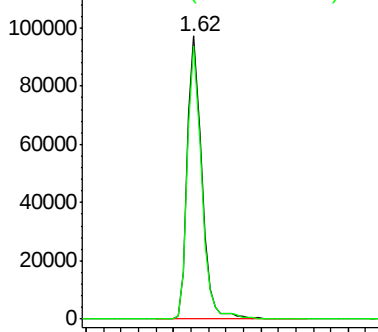
MMDadoda

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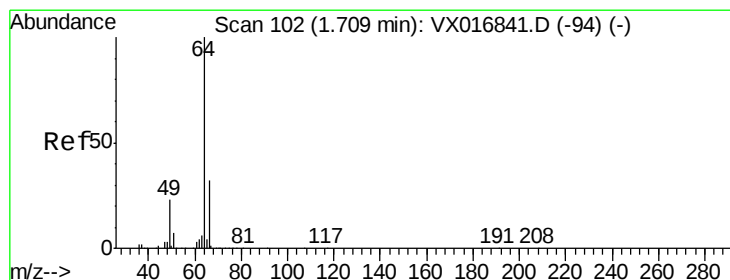
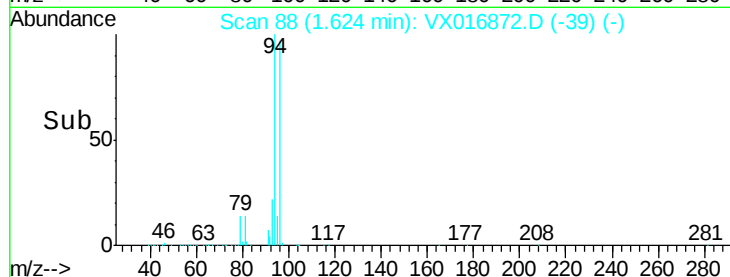


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 51.972 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016872.D

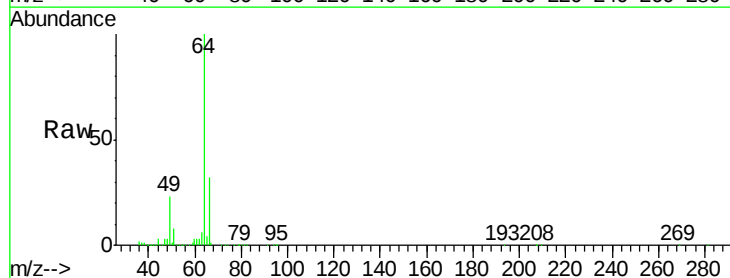
Acq: 19 Jun 2020 12:12

Tgt Ion: 64 Resp: 110738

Ion Ratio Lower Upper

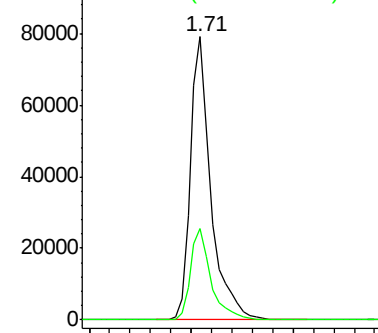
64 100

66 32.3 25.7 38.5

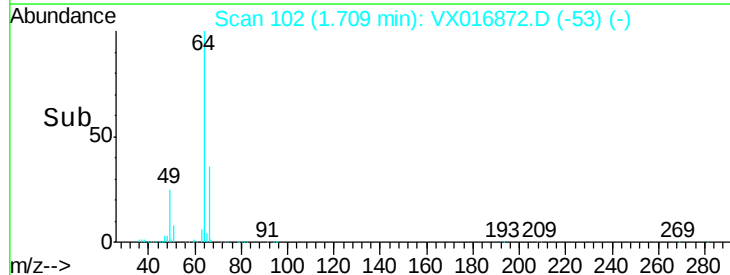


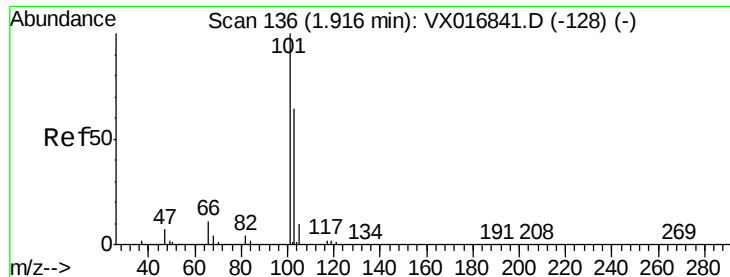
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

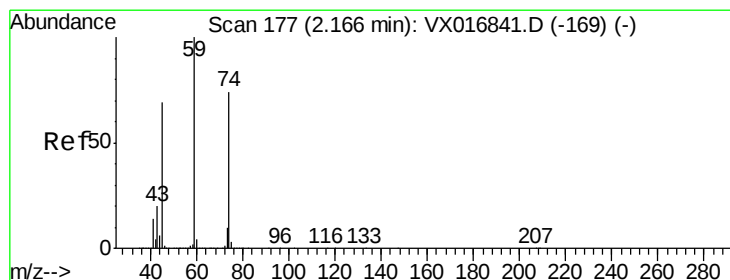
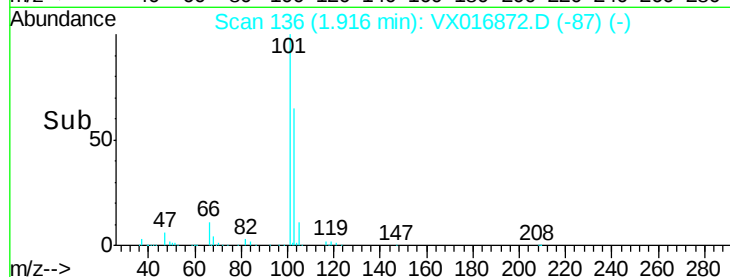
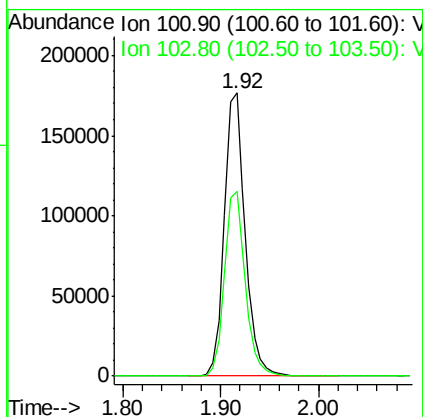
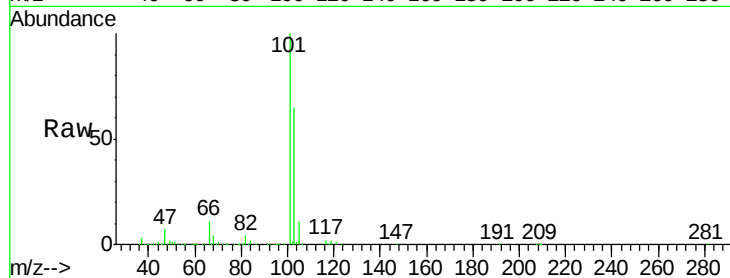
Trichlorofluoromethane
Concen: 53.771 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.2	76.8

Manual Integrations
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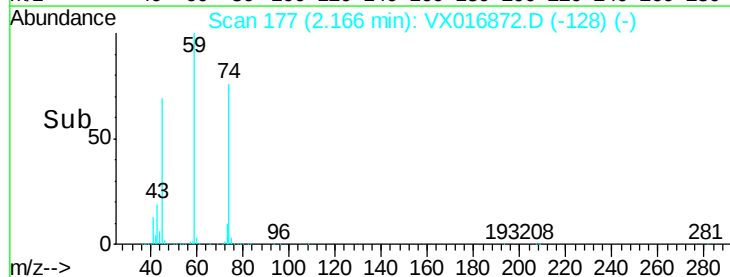
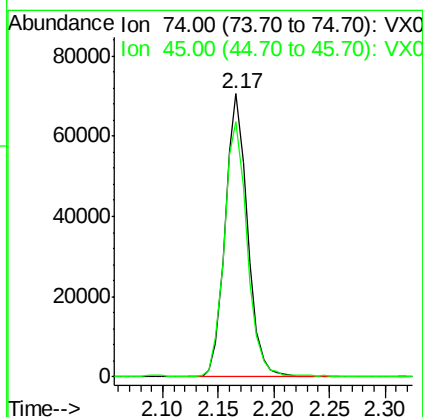
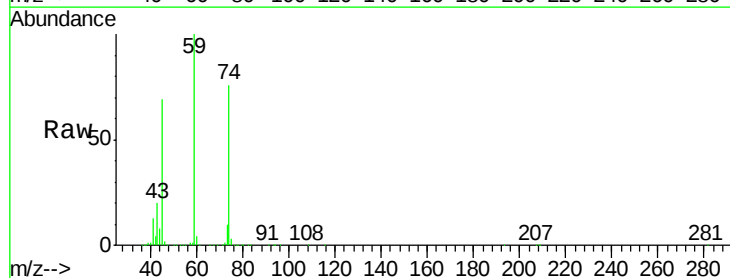
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6/22/2020 10:48:02 AM

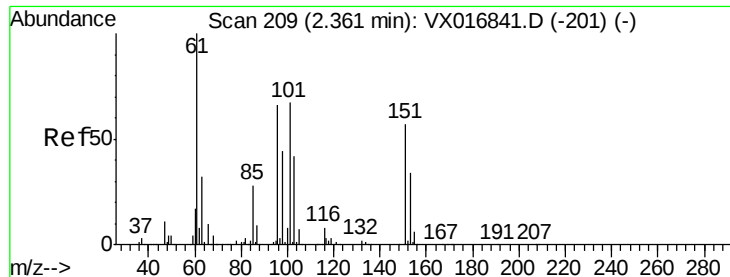


#8

Diethyl Ether
Concen: 52.065 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.921 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

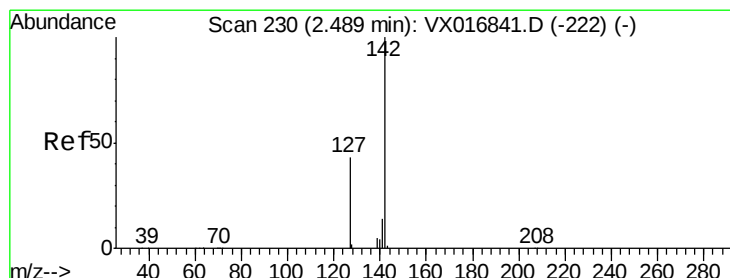
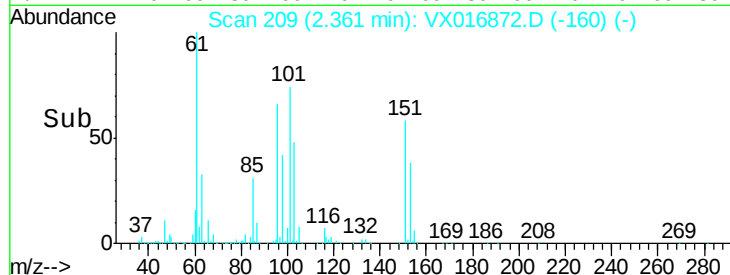
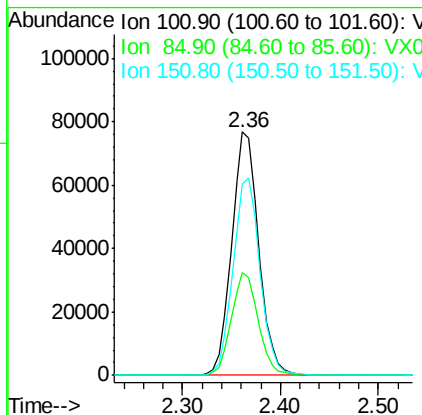
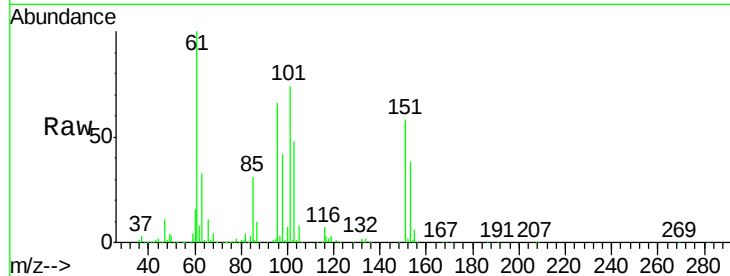
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	146736
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.3	51.5
151	81.3	67.6	101.4

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#10

Methyl Iodide

Concen: 62.695 ug/l

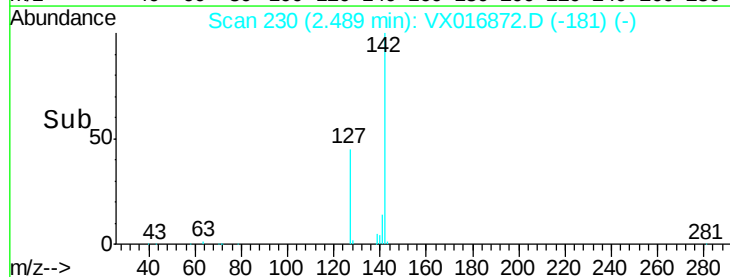
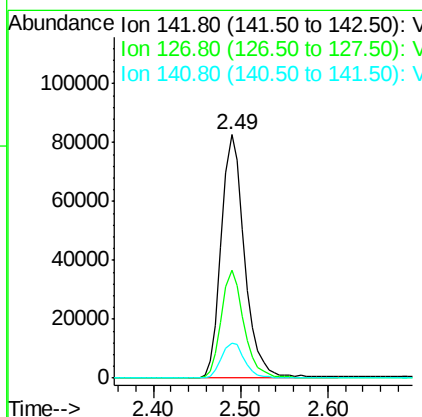
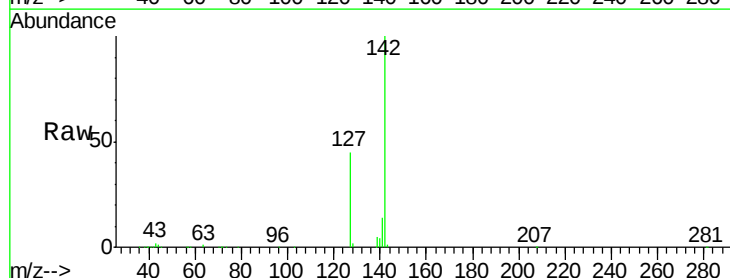
RT: 2.49 min Scan# 230

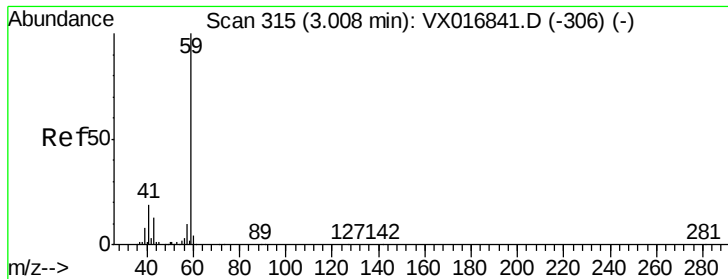
Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	142	Resp:	153863
Ion Ratio	Lower	Upper	
142	100		
127	43.1	35.1	52.7
141	14.5	11.6	17.4





#11

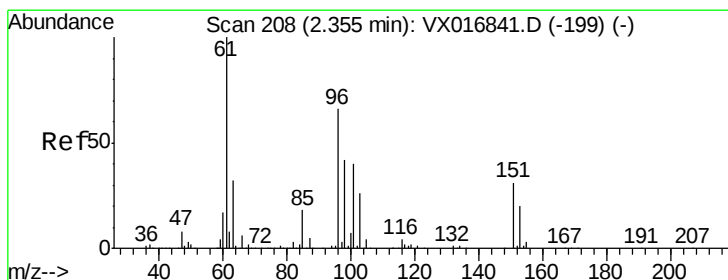
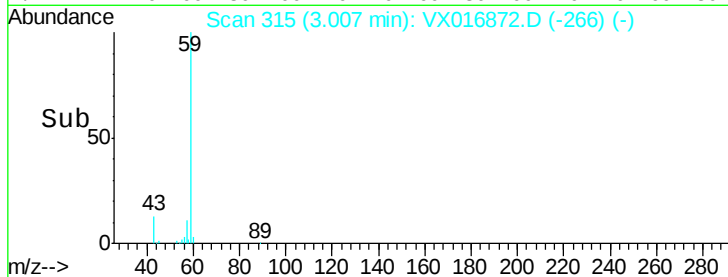
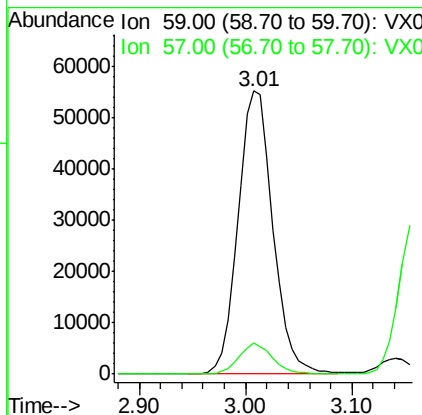
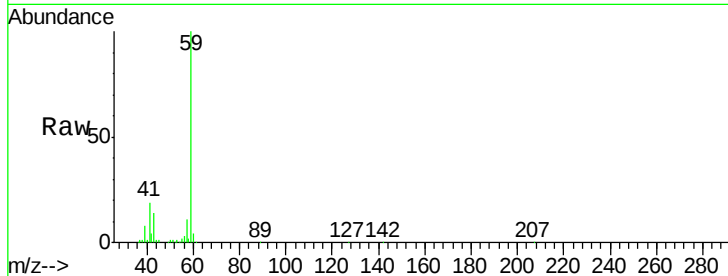
Tert butyl alcohol
 Concen: 252.986 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

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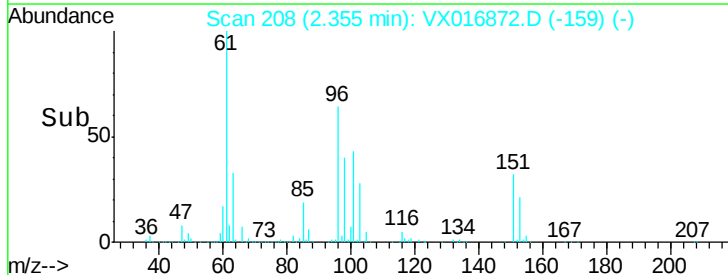
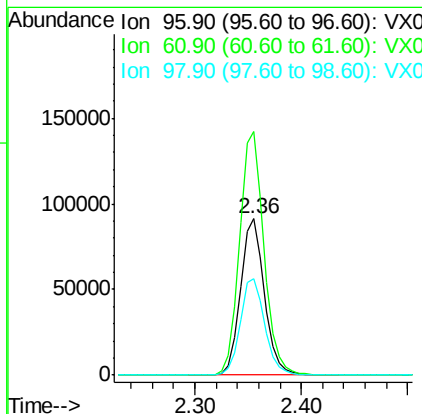
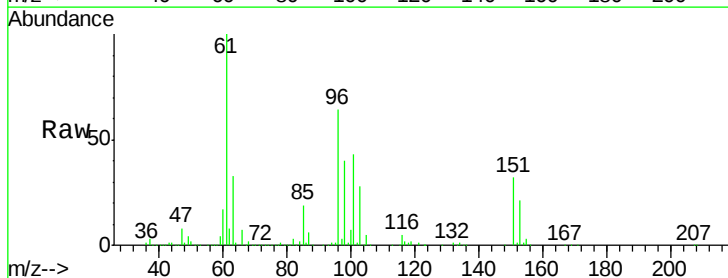
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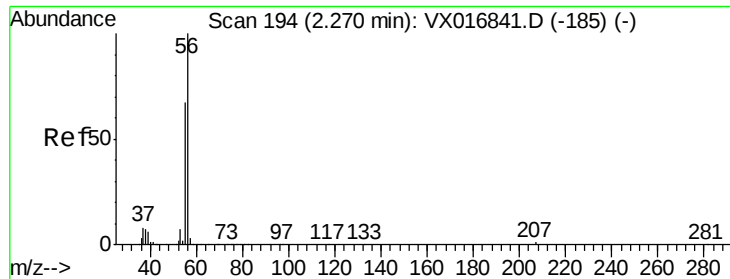


#12

1,1-Dichloroethene
 Concen: 54.591 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	121.7	182.5
98	61.8	51.1	76.7





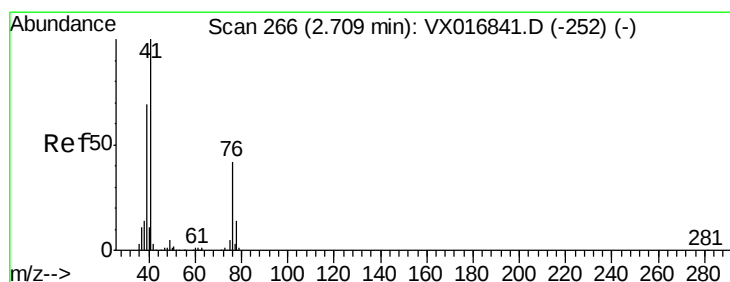
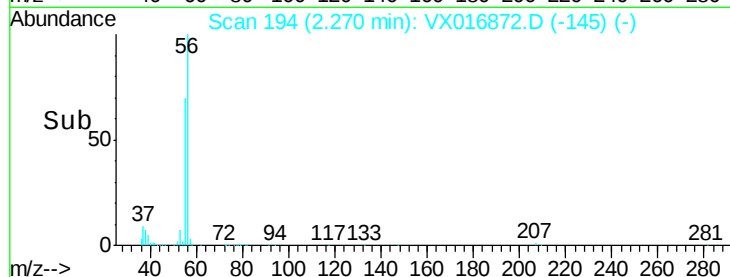
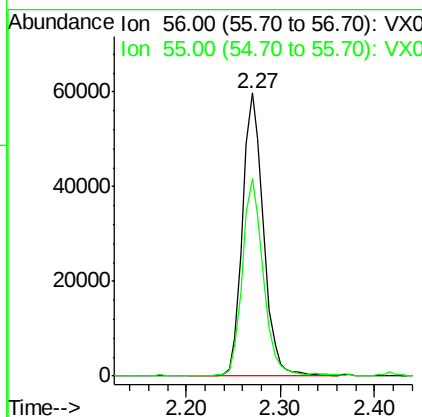
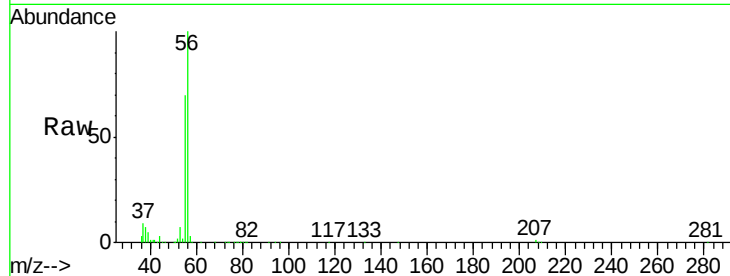
#13
Acrolein
Concen: 305.622 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.8	55.7	83.5

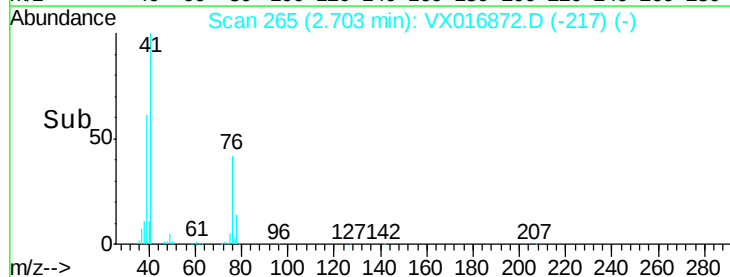
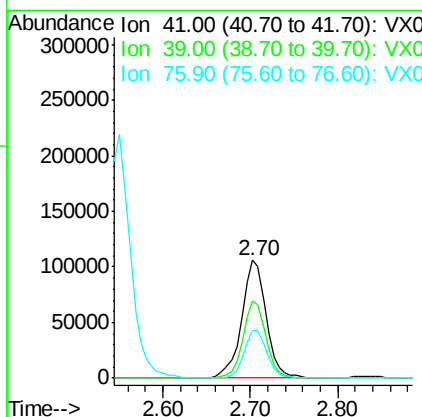
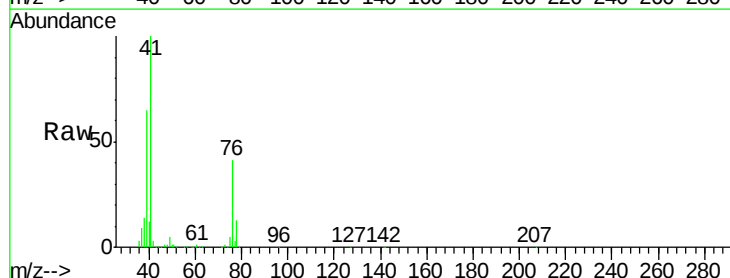
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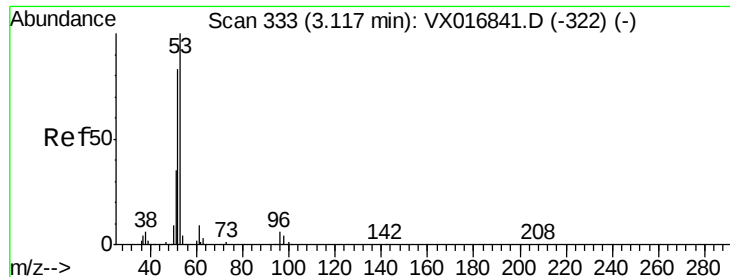
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#14
Allyl chloride
Concen: 58.918 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.3	50.7	76.1
76	37.6	30.9	46.3





#15

Acrylonitrile

Concen: 254.882 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

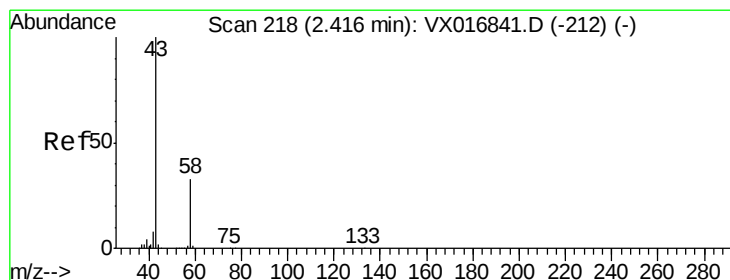
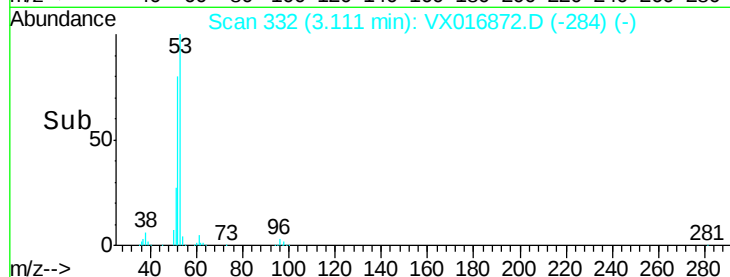
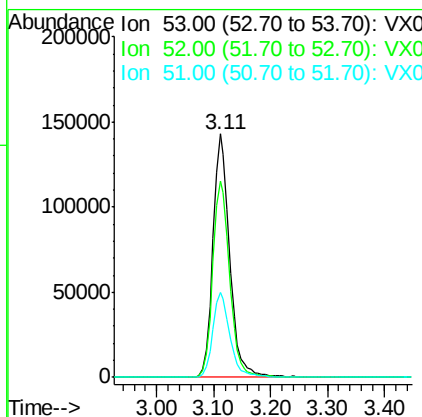
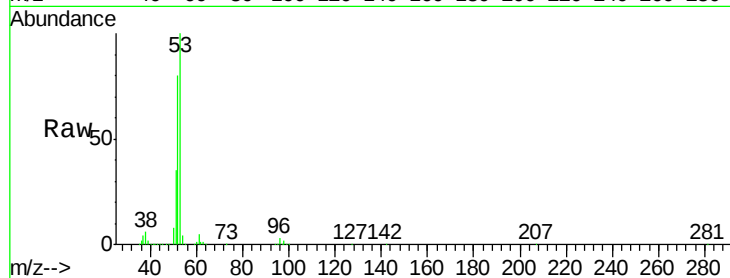
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	292934
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.2	99.2
51	35.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 288.381 ug/l

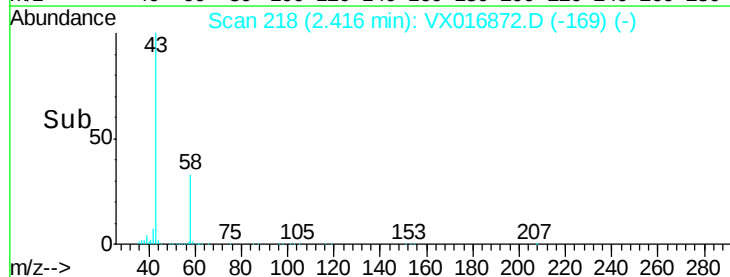
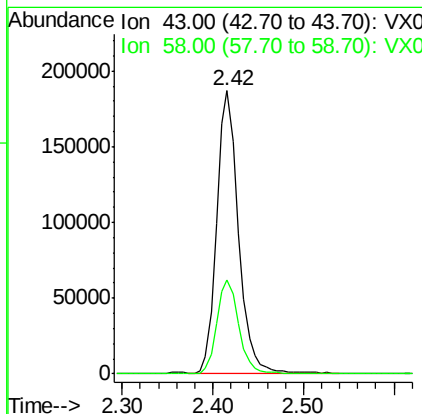
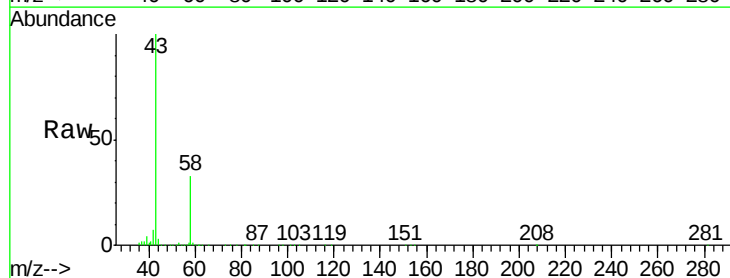
RT: 2.42 min Scan# 218

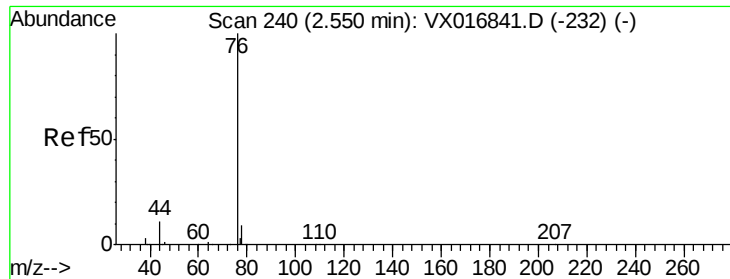
Delta R.T. 0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	43	Resp:	310576
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.6	39.8





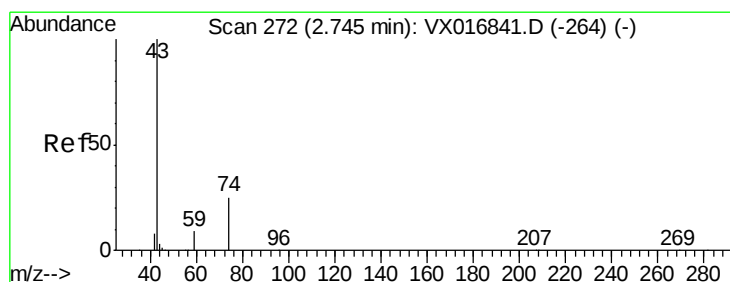
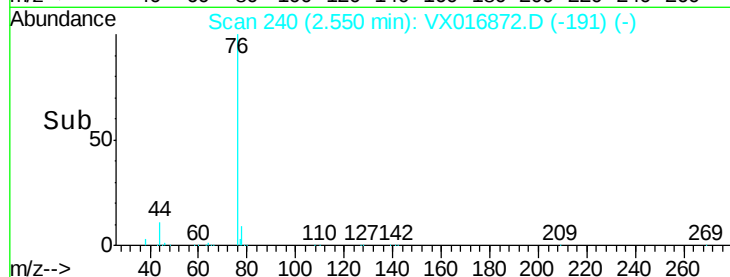
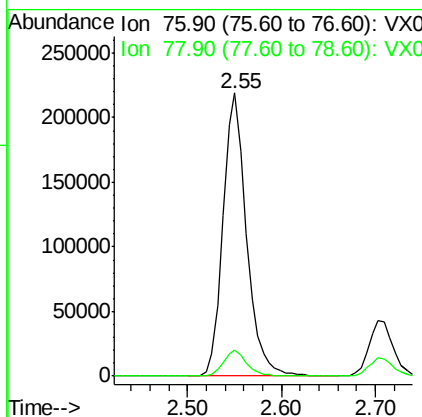
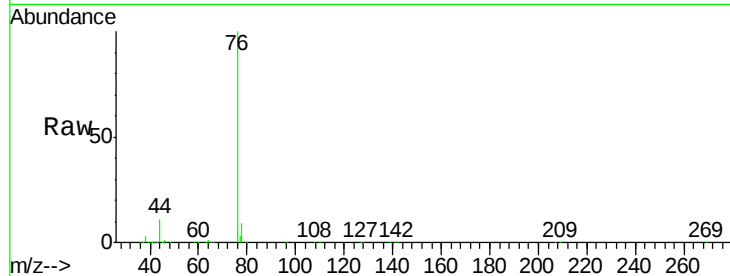
#17
Carbon Disulfide
Concen: 55.646 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

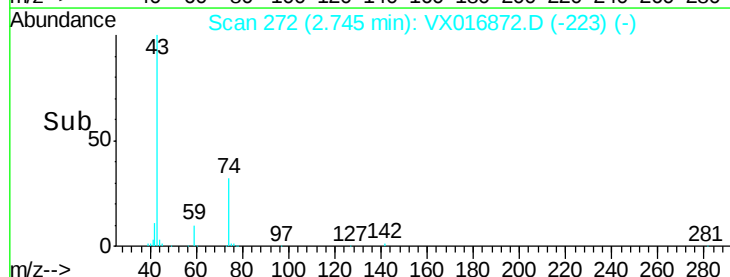
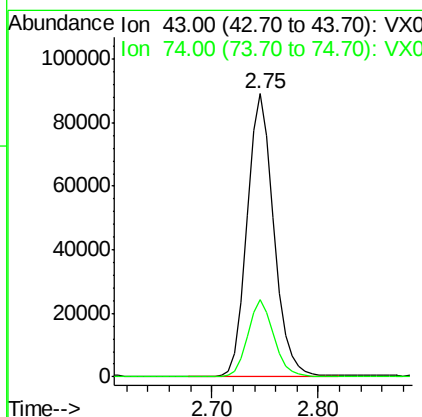
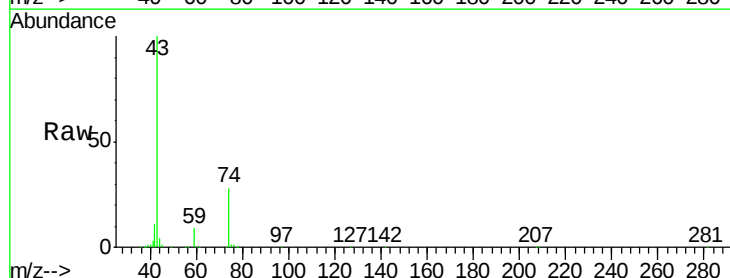
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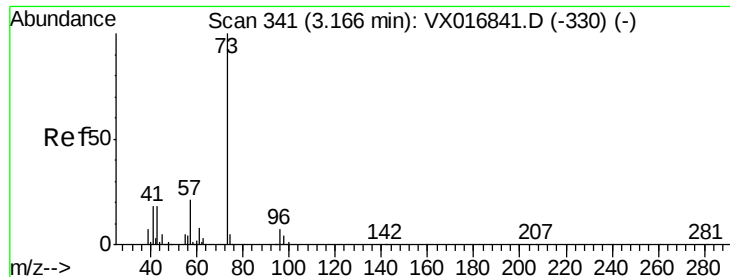
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#18
Methyl Acetate
Concen: 57.312 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	21.8	32.8





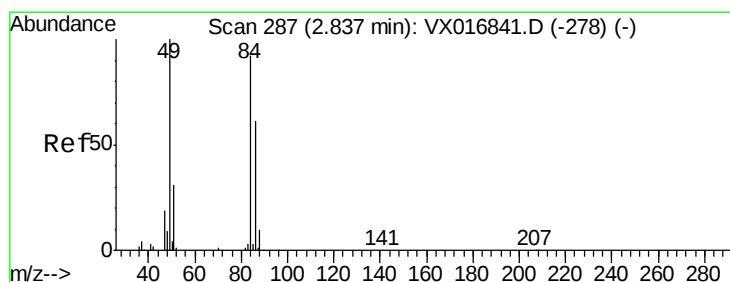
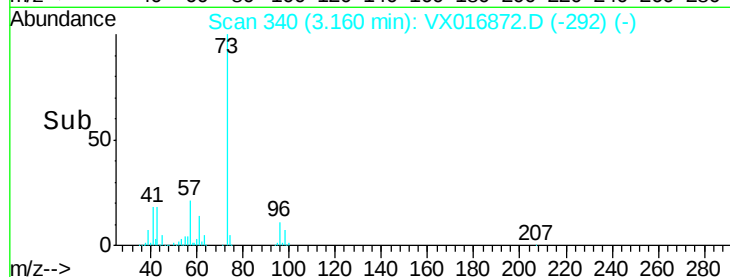
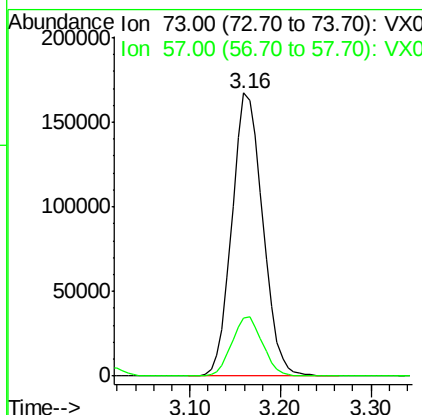
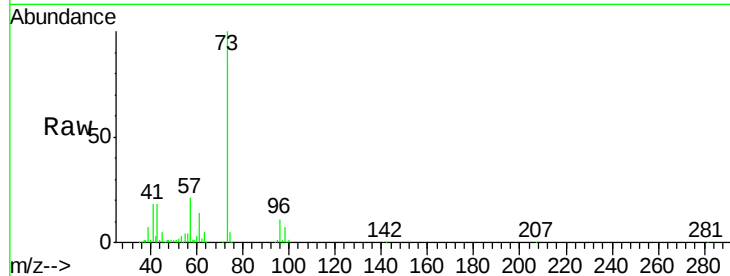
#19
Methvl tert-butvl Ether
Concen: 52.379 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.9	25.3

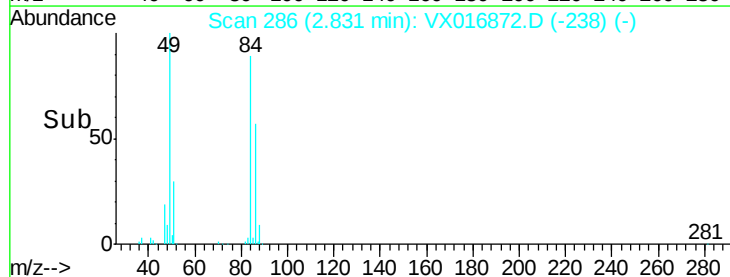
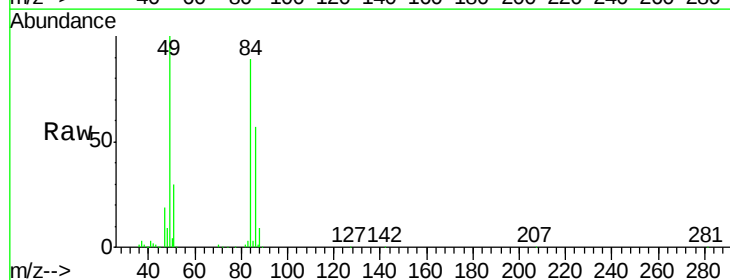
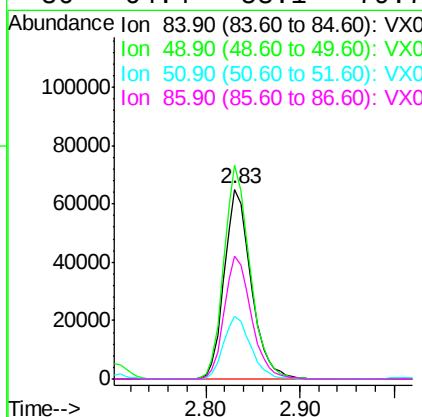
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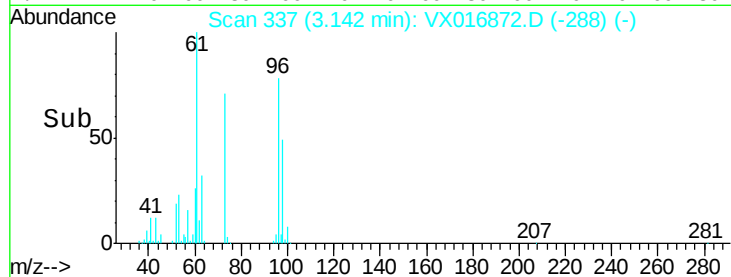
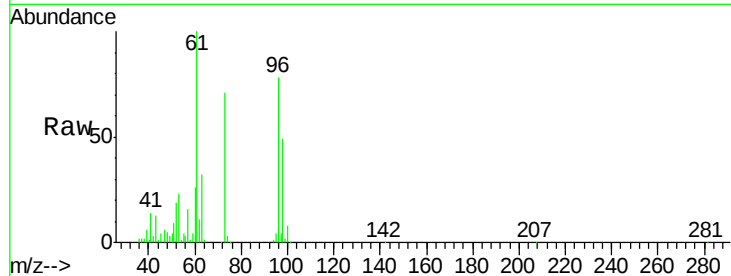
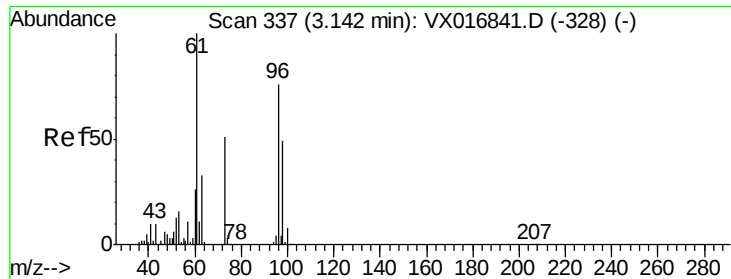
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#20
Methylene Chloride
Concen: 49.776 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.4	86.6	129.8
51	33.2	27.1	40.7
86	64.4	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 50.436 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tot Ion:	96	Resp:	125502
Ion	Ratio	Lower	Upper
96	100		
61	127.9	105.4	158.0
98	63.2	51.3	76.9

Instrument :

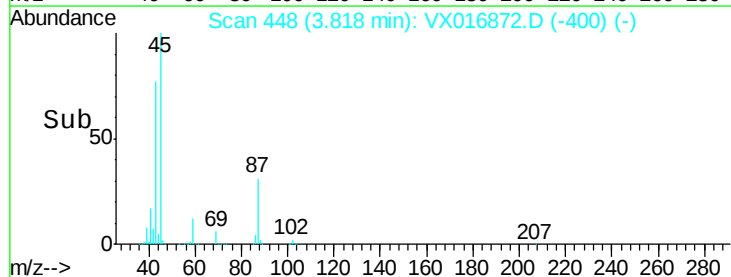
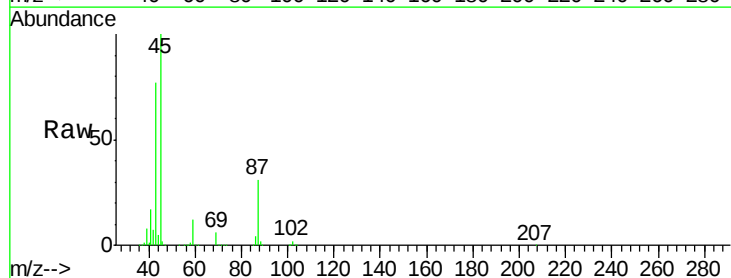
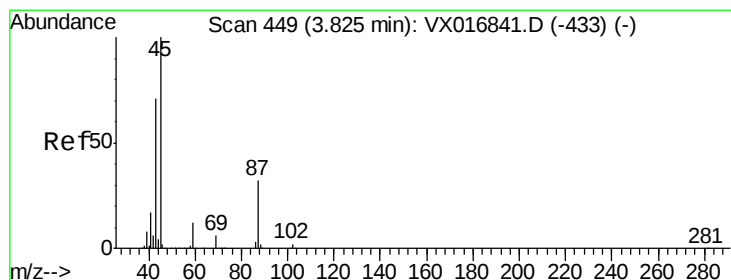
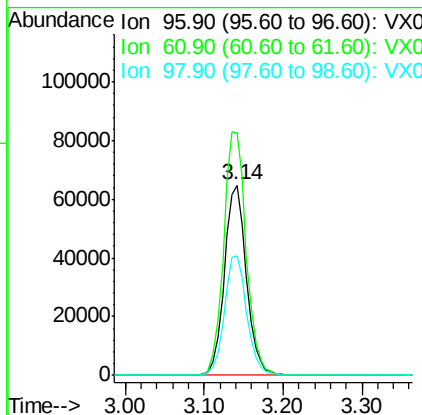
MSVOA_X

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 52.195 ug/l

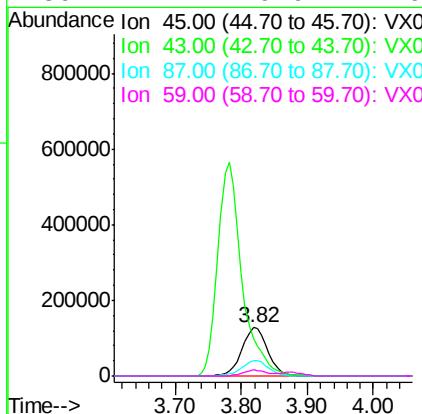
RT: 3.82 min Scan# 448

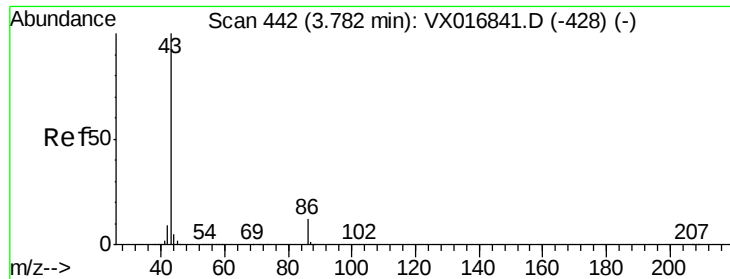
Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	45	Resp:	348692
Ion	Ratio	Lower	Upper
45	100		
43	77.1	57.0	85.4
87	31.4	25.2	37.8
59	12.2	9.9	14.9





#23

Vinyl Acetate

Concen: 262.161 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1444176

Ion Ratio Lower Upper

43 100

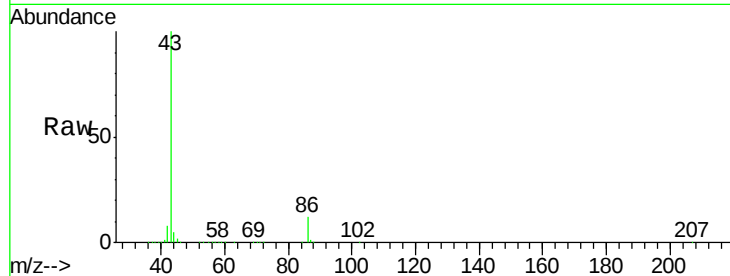
86 12.4 9.9 14.9

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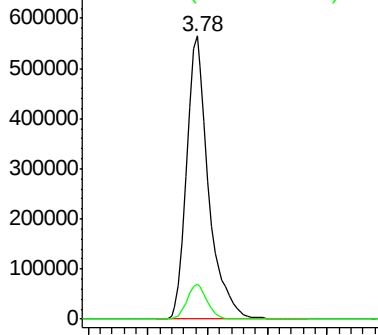
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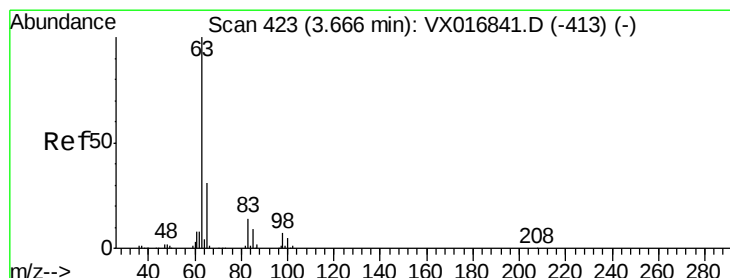
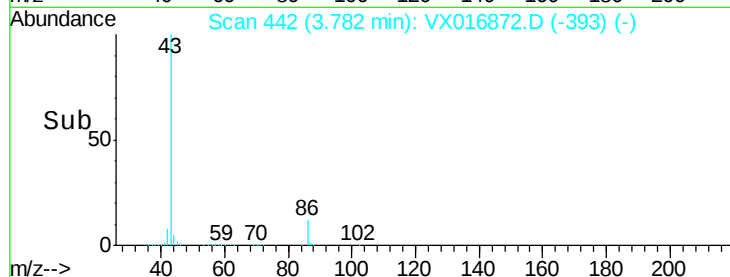


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 50.937 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

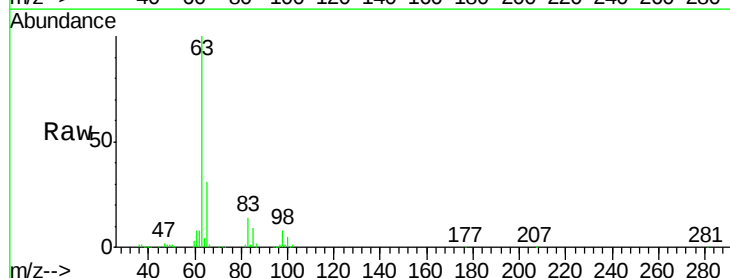
Tgt Ion: 63 Resp: 212560

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

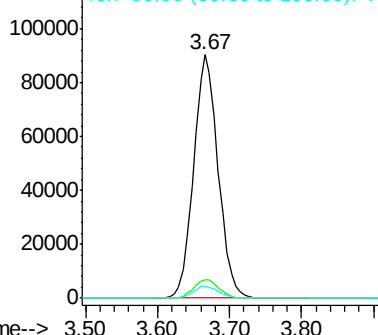
100 5.0 2.4 7.1



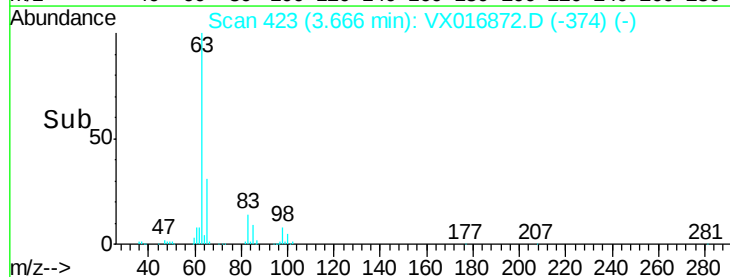
Abundance Ion 62.90 (62.60 to 63.60): VX0

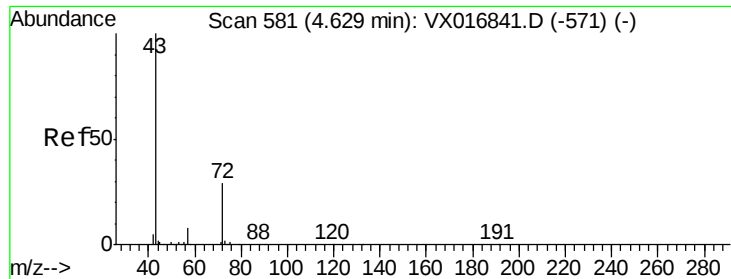
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 258.679 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 383410

Ion Ratio Lower Upper

43 100

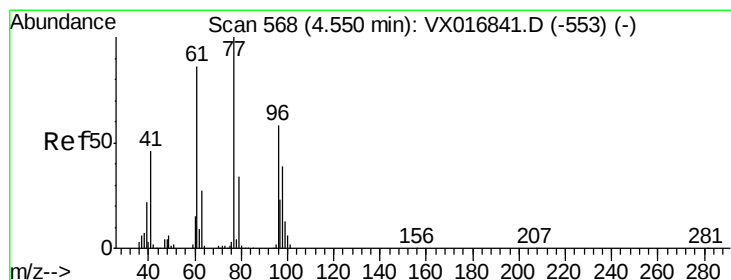
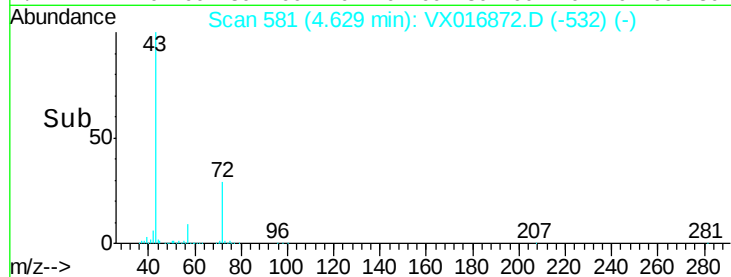
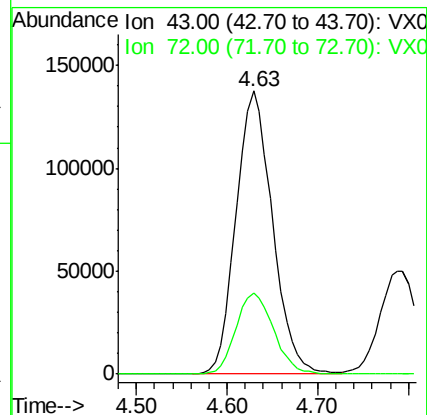
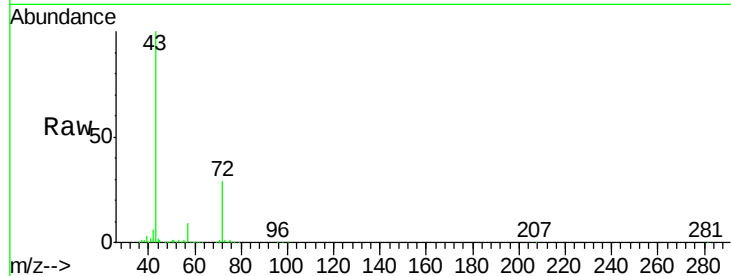
72 28.5 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.617 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016872.D

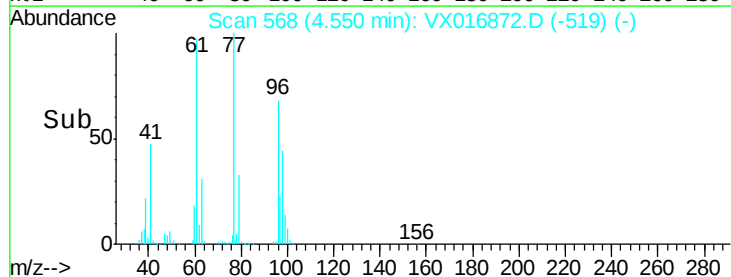
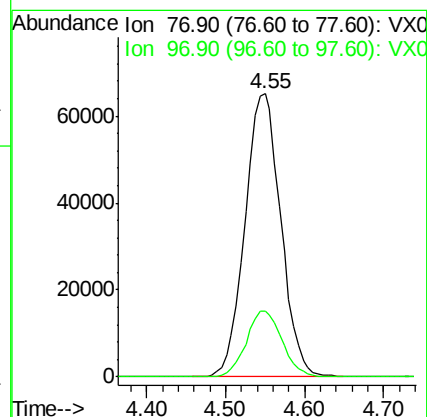
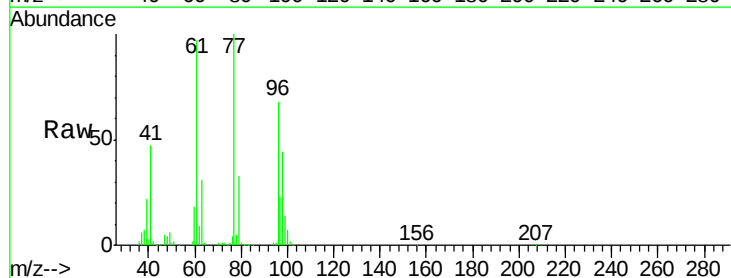
Acq: 19 Jun 2020 12:12

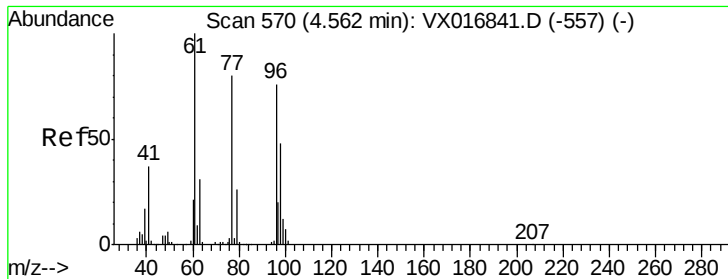
Tgt Ion: 77 Resp: 205711

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

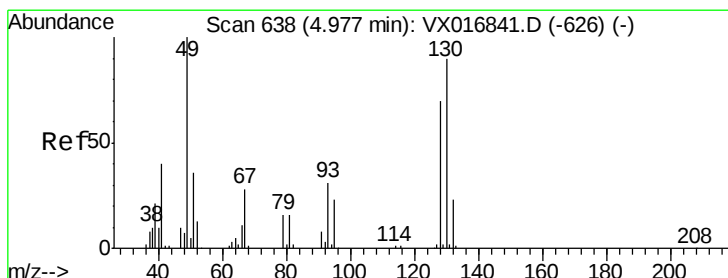
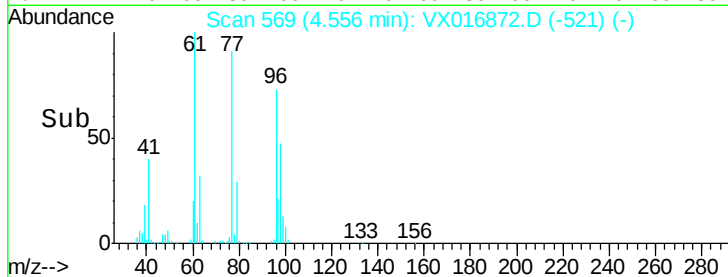
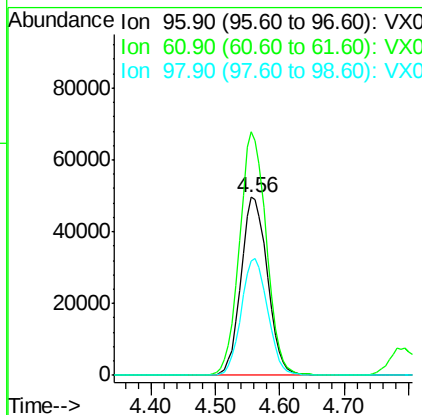
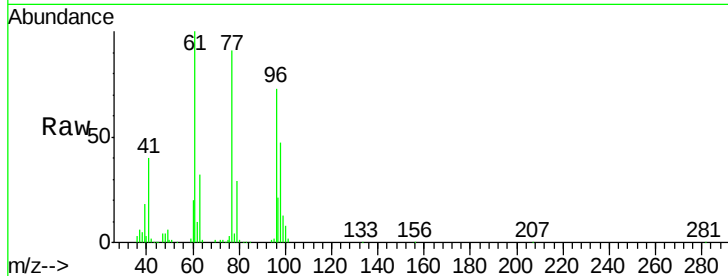
cis-1,2-Dichloroethene
Concen: 50.224 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	273.8
98	65.6	0.0	129.0

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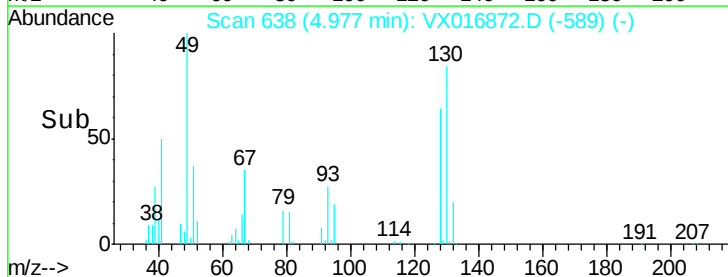
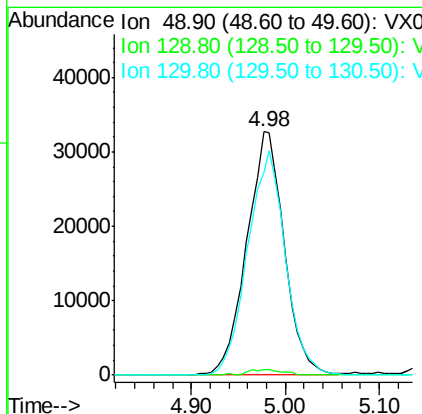
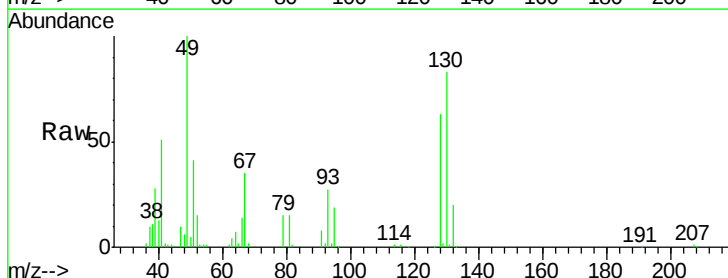
MMDadoda
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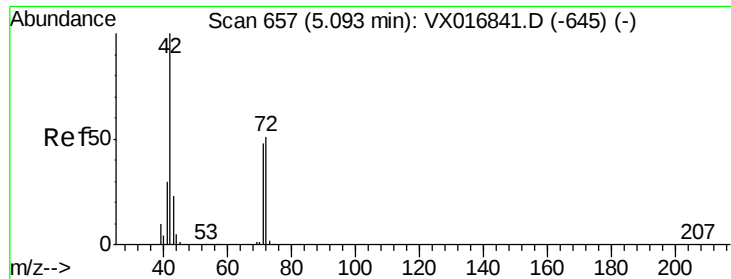


#28

Bromochloromethane
Concen: 52.731 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	92.8	76.8	115.2





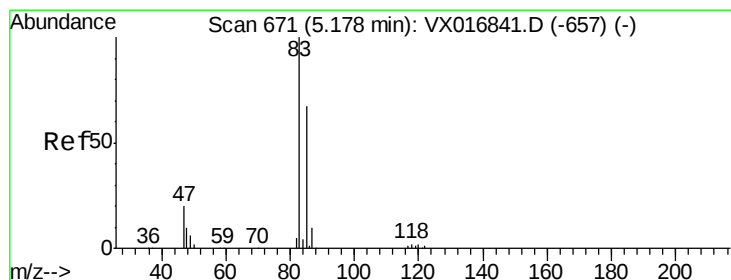
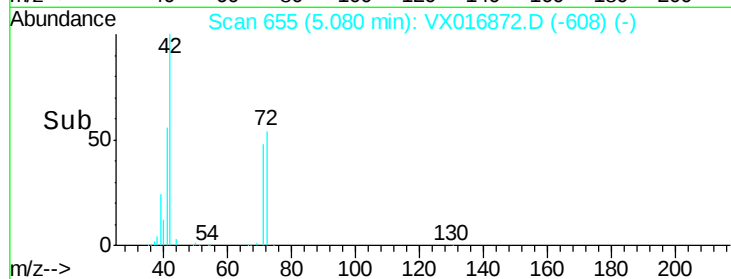
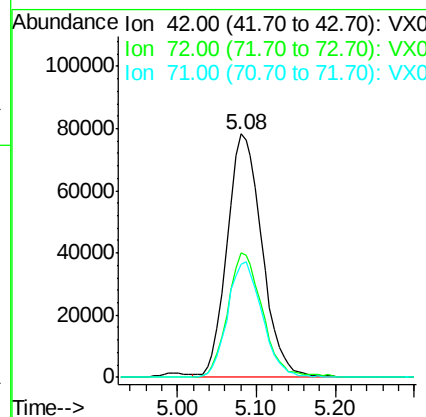
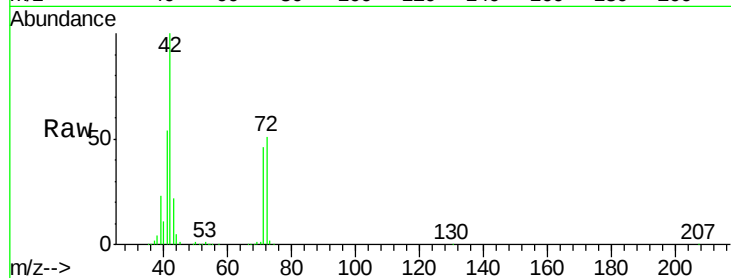
#29
Tetrahydrofuran
Concen: 256.524 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	41.1	61.7
71	47.5	38.4	57.6

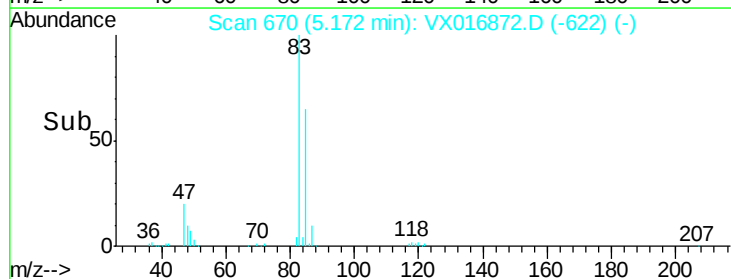
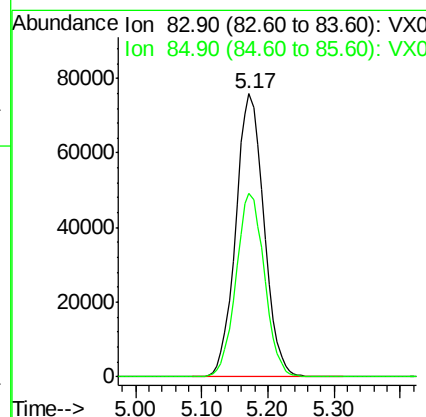
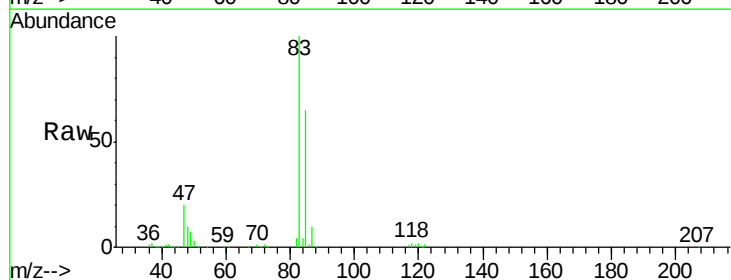
Manual Integrations
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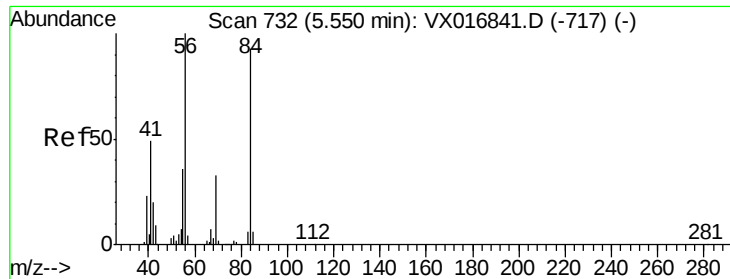
MMDadoda
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#30
Chloroform
Concen: 51.014 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0





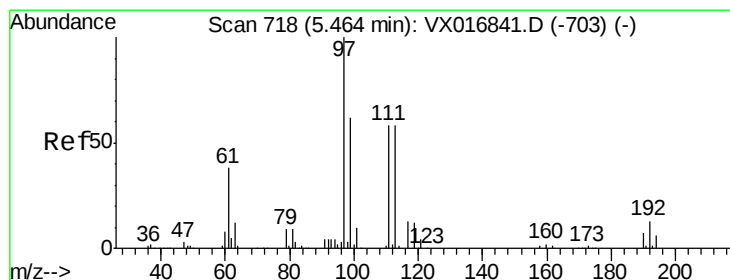
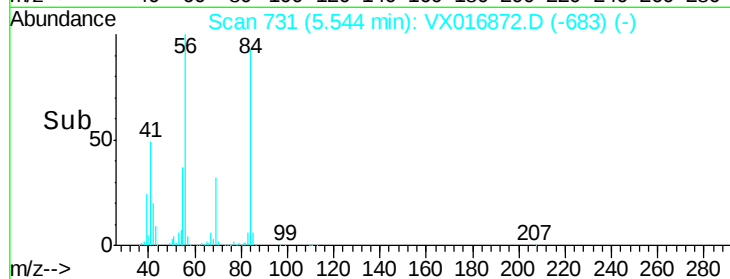
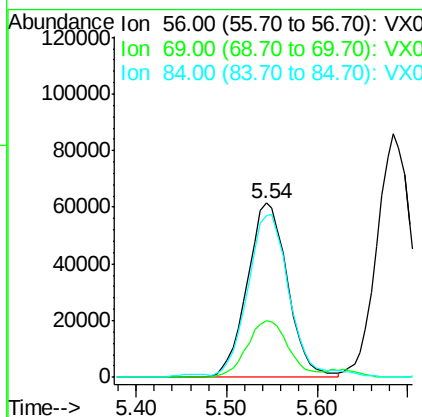
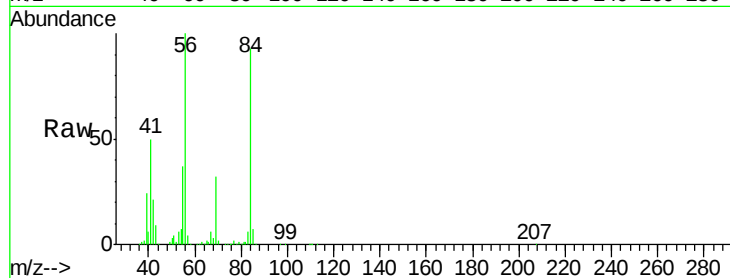
#31
Cyclohexane
Concen: 51.685 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.1	39.1
84	91.4	73.0	109.6

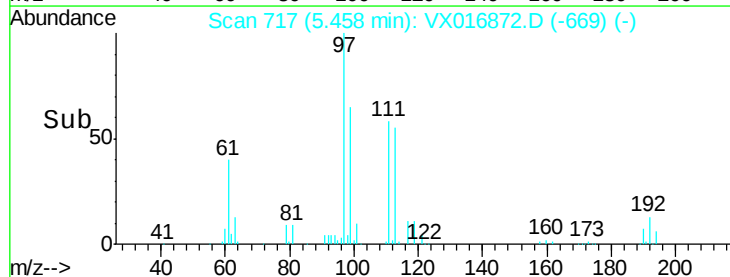
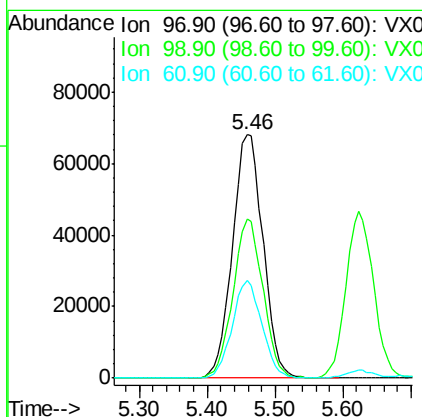
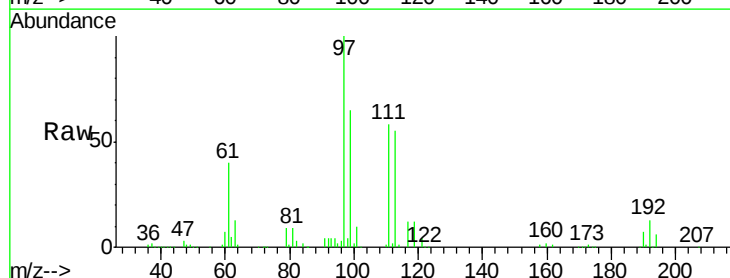
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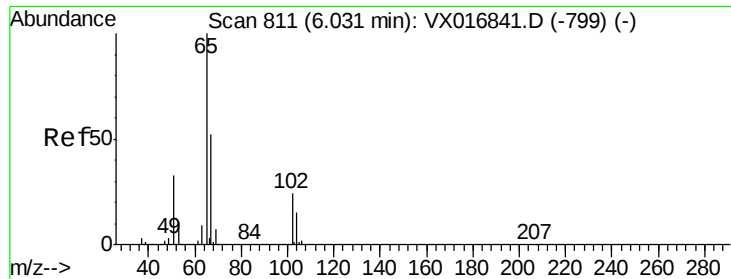
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#32
1,1,1-Trichloroethane
Concen: 50.986 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	39.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 44.874 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 133128

Ion Ratio Lower Upper

65 100

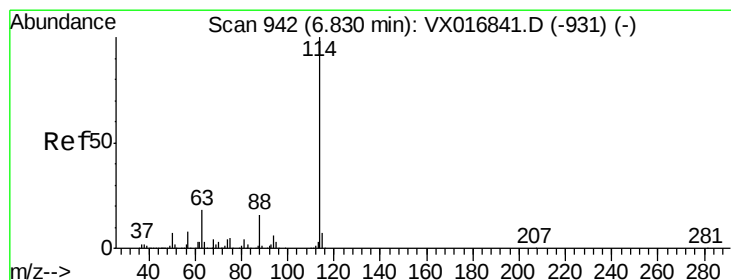
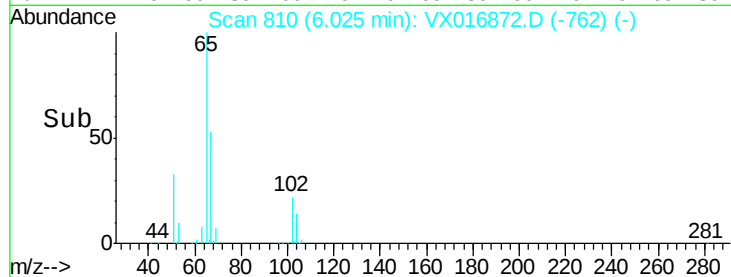
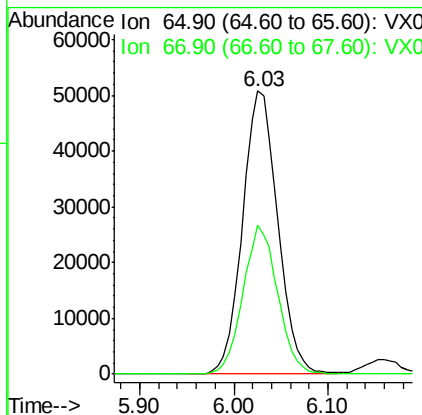
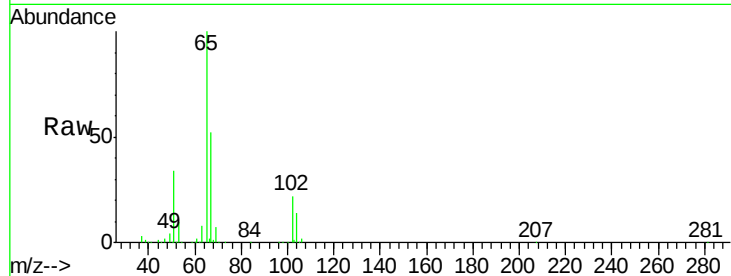
67 51.6 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

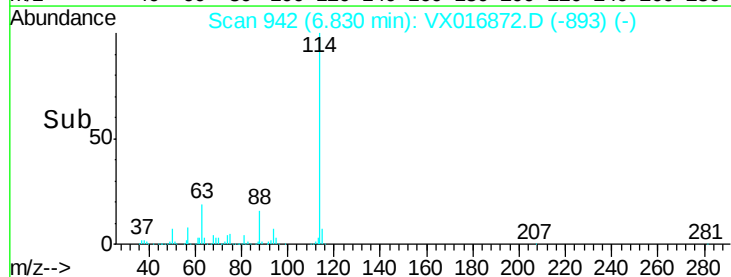
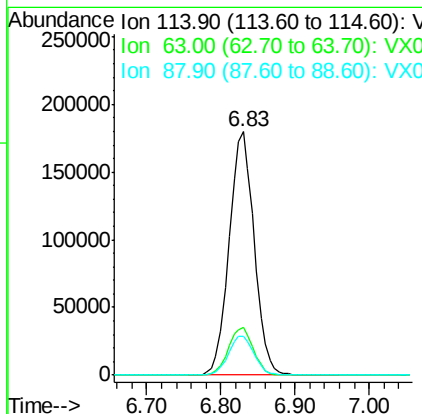
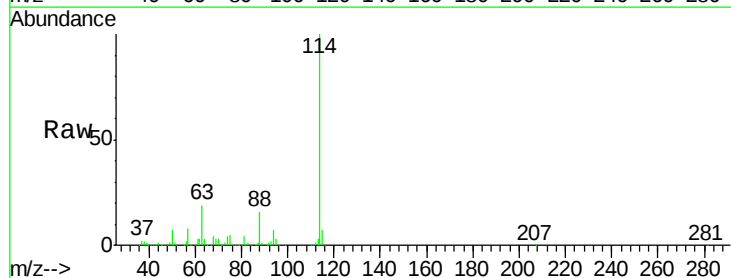
Tgt Ion: 114 Resp: 423347

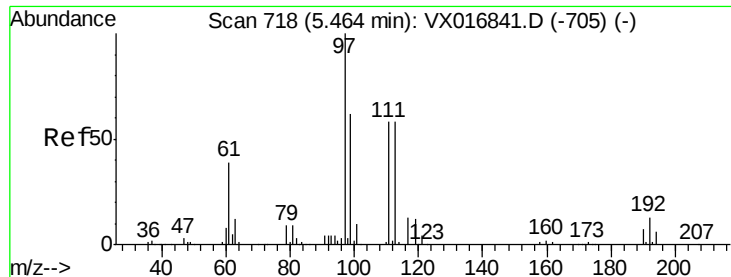
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 40.569 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

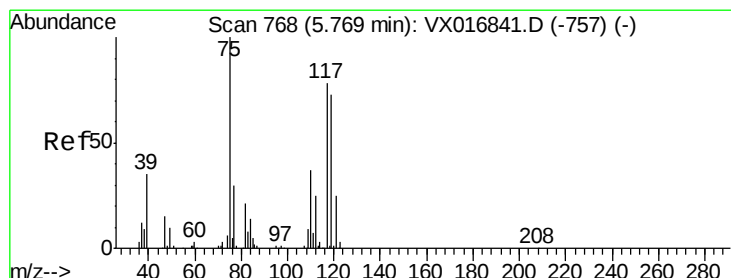
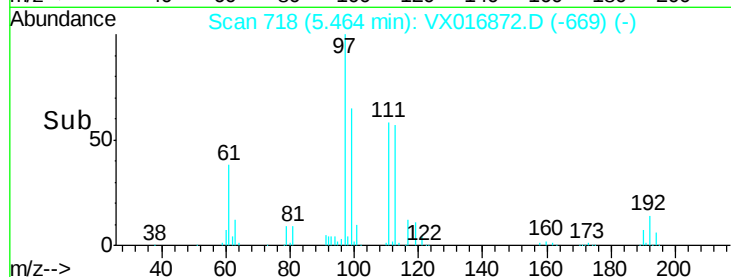
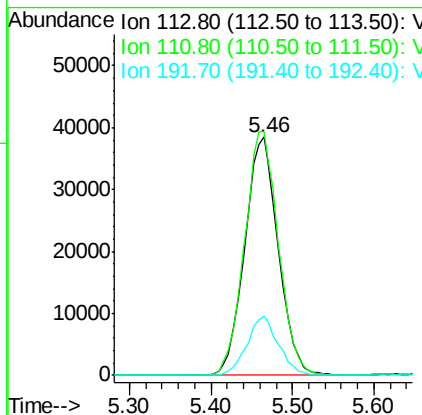
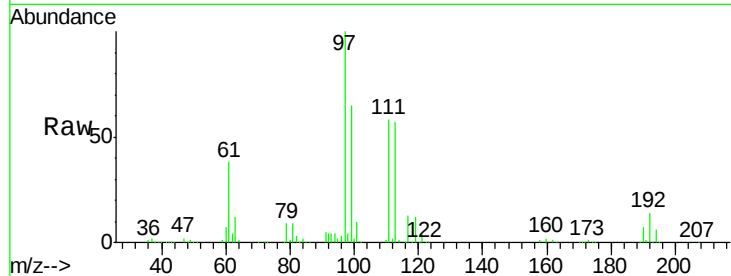
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	109866
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.0	121.4
192	23.5	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 43.910 ug/l

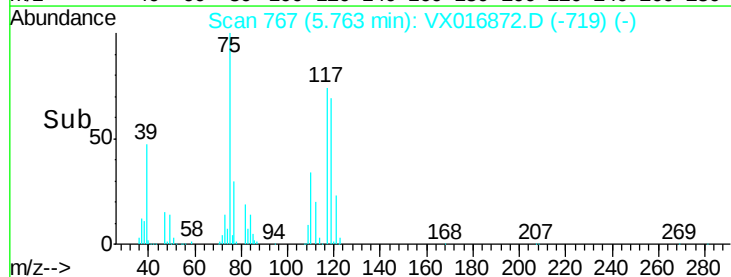
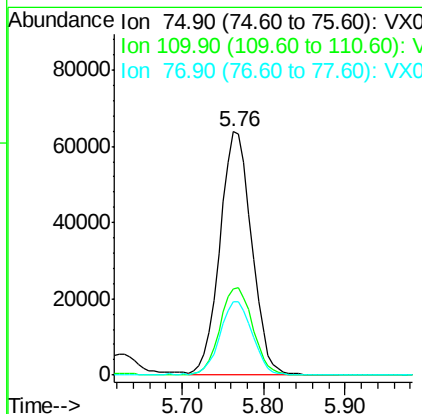
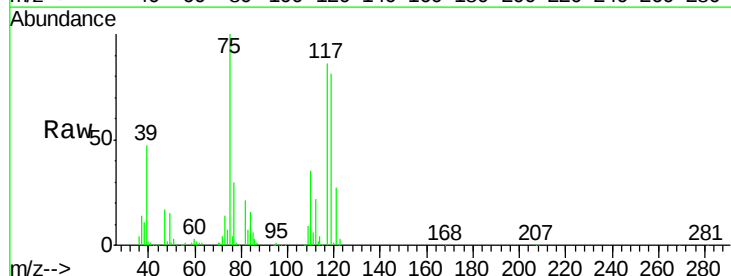
RT: 5.76 min Scan# 767

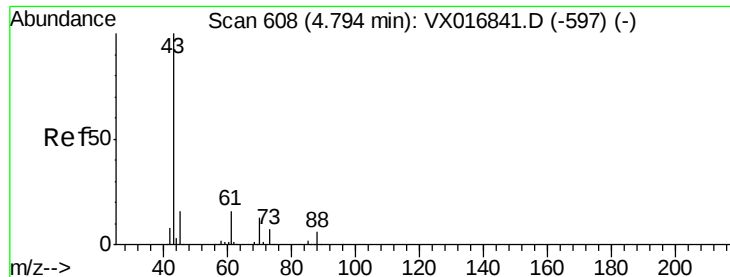
Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	75	Resp:	171640
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.9	56.9
77	30.9	25.6	38.4





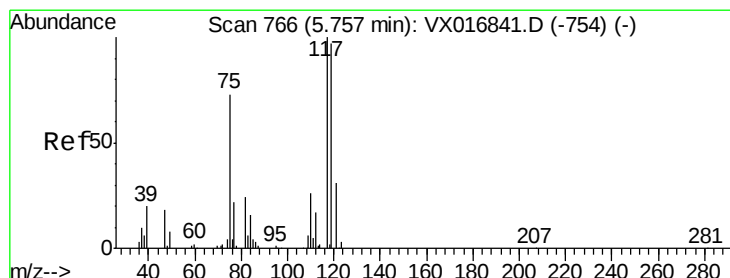
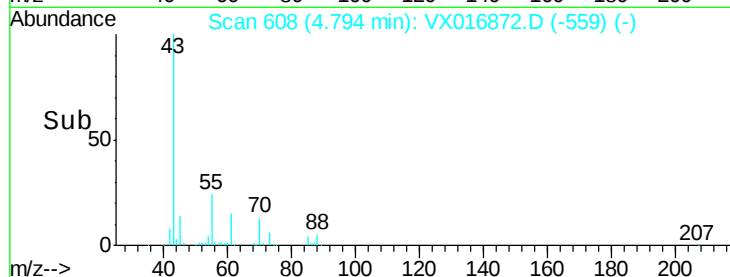
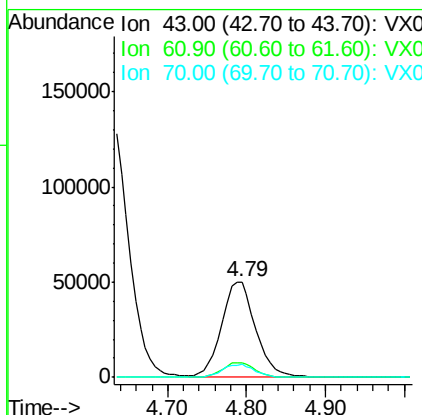
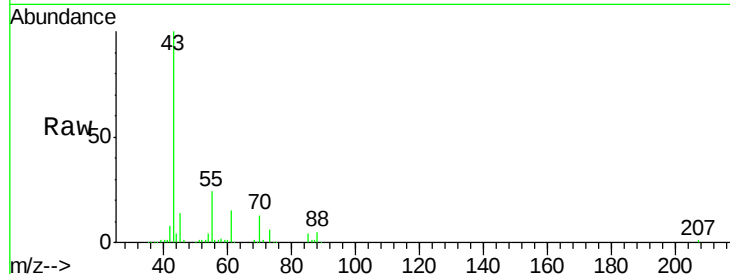
#37
Ethyl Acetate
Concen: 43.244 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.2
70	13.1	10.5	15.7

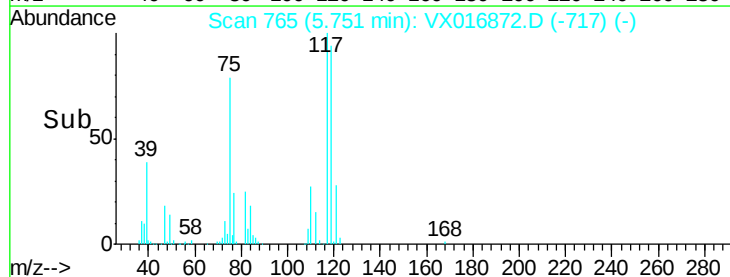
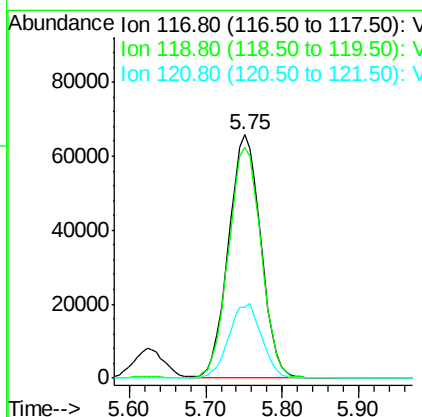
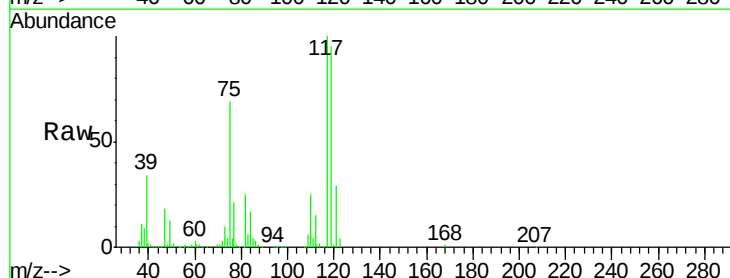
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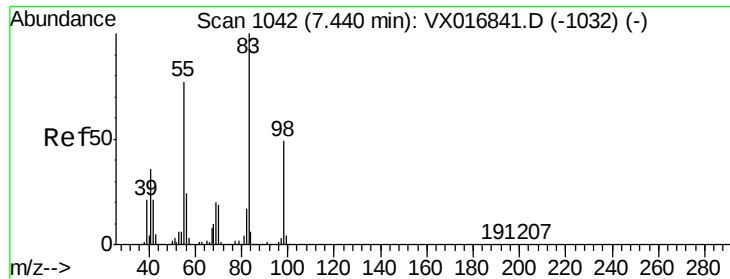
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#38
Carbon Tetrachloride
Concen: 43.901 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2
121	29.0	24.7	37.1





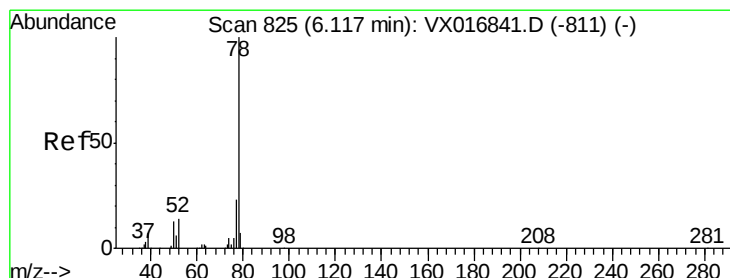
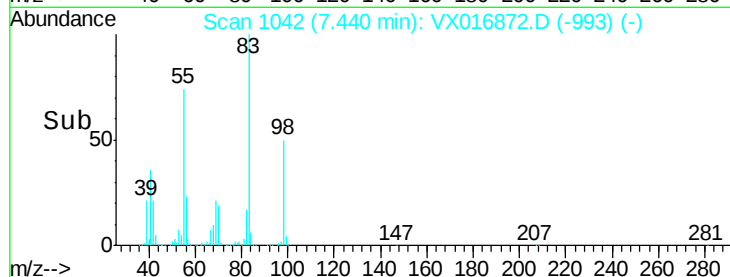
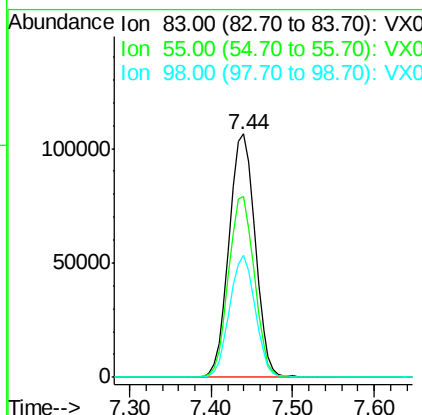
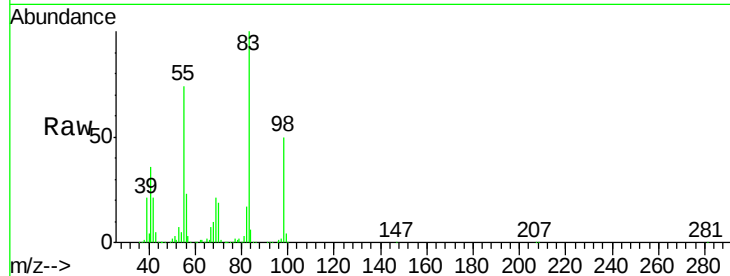
#39
Methvlcvclohexane
Concen: 51.695 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.7	92.5
98	50.0	39.0	58.6

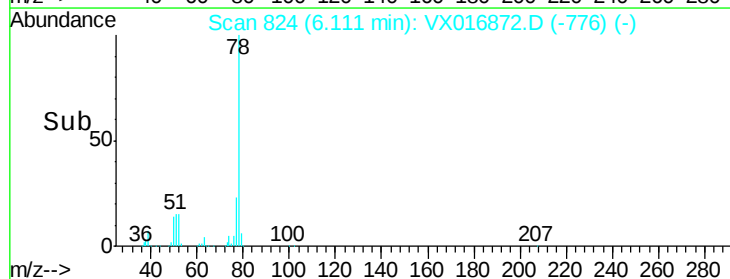
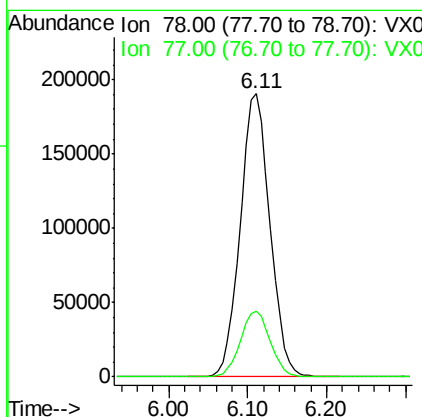
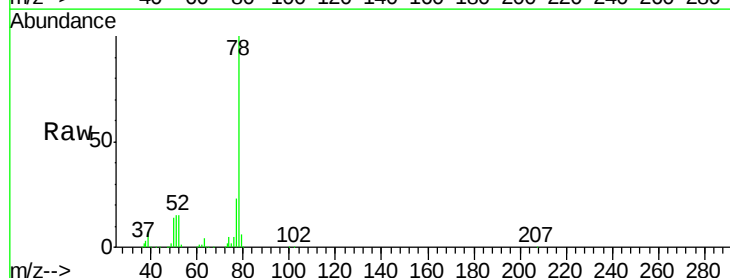
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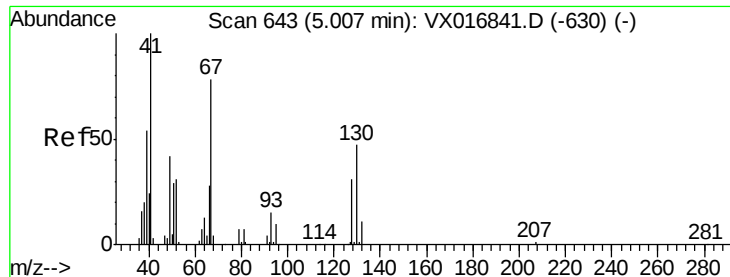
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#40
Benzene
Concen: 42.472 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8





#41

Methacrylonitrile

Concen: 47.160 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 88425

Ion Ratio Lower Upper

41 100

39 53.6 42.6 64.0

67 80.8 64.2 96.2

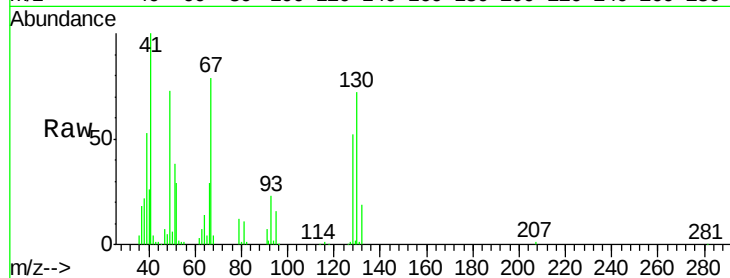
52 31.0 25.6 38.4

Manual Integrations

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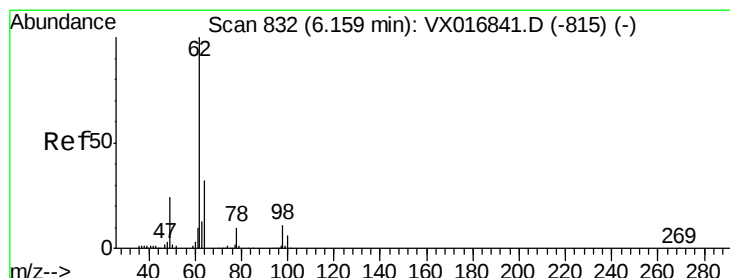
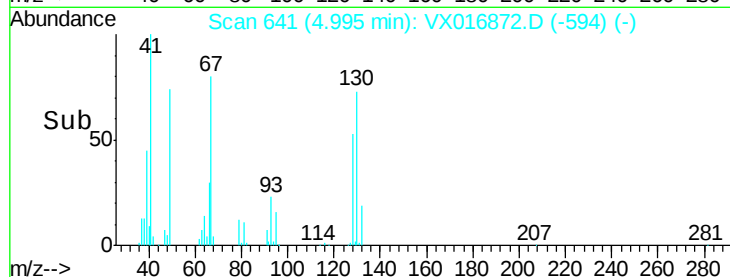
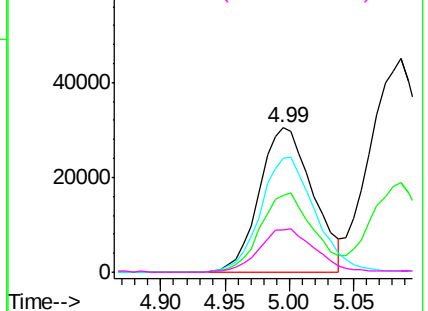


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 41.765 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX016872.D

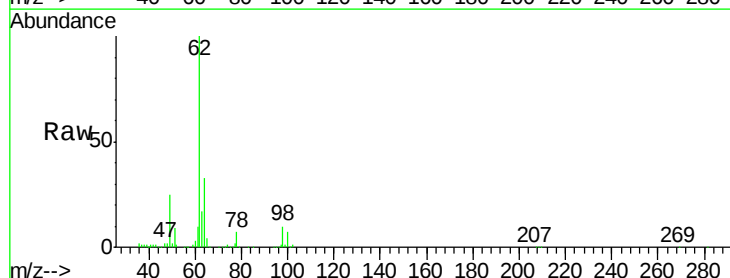
Acq: 19 Jun 2020 12:12

Tgt Ion: 62 Resp: 174314

Ion Ratio Lower Upper

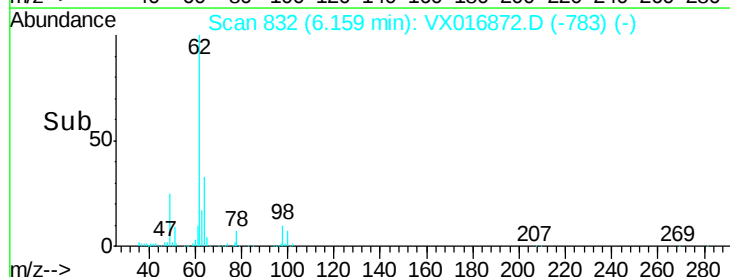
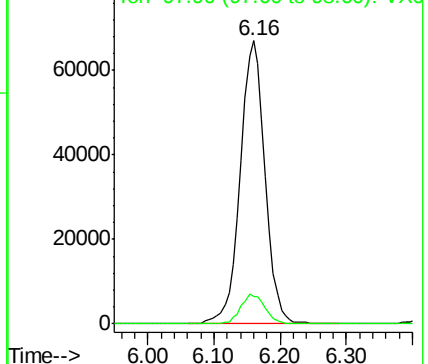
62 100

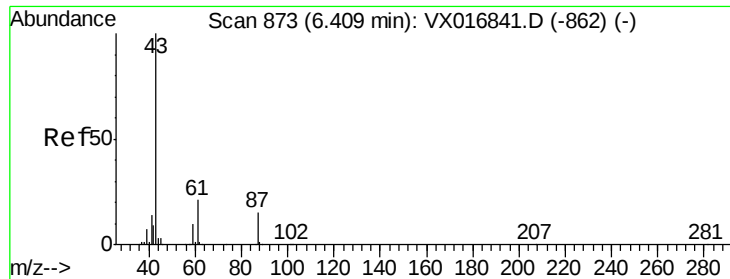
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

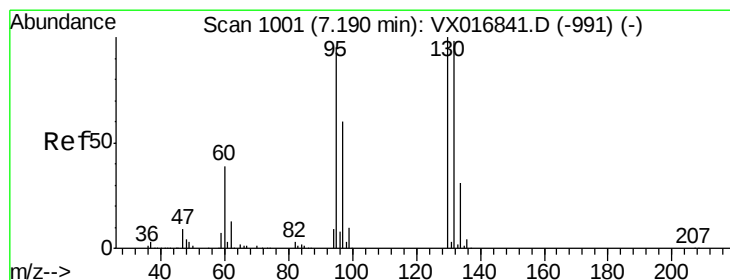
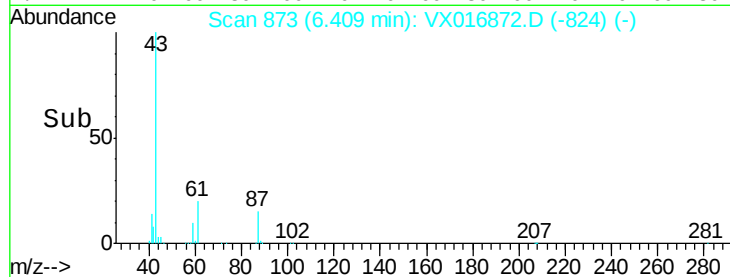
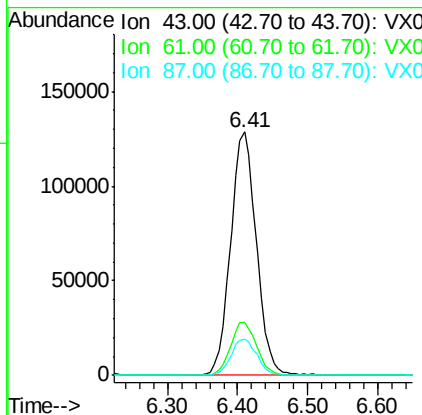
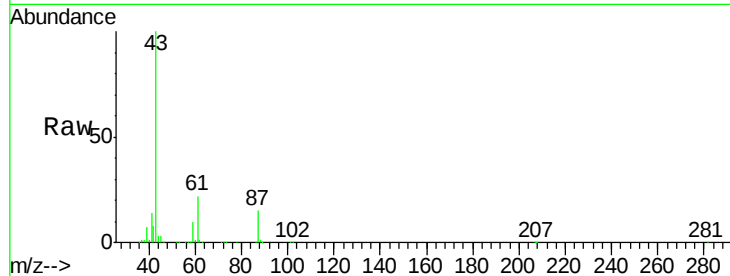
Isopropyl Acetate
 Concen: 54.262 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.9	26.9
87	14.9	12.4	18.6

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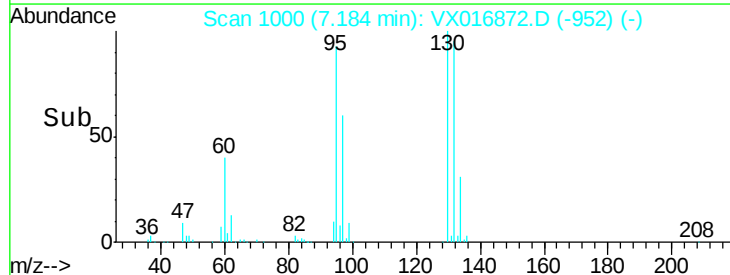
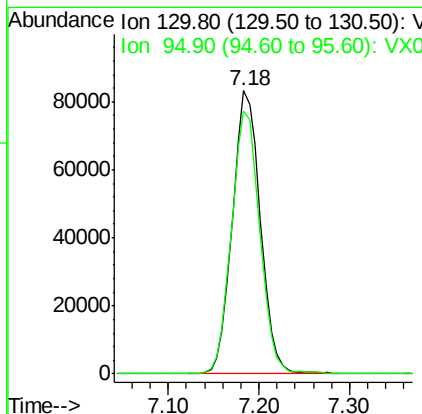
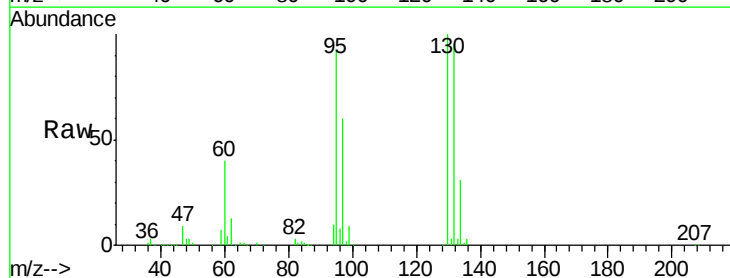
MMDadoda
 6/22/2020 10:48:02 AM

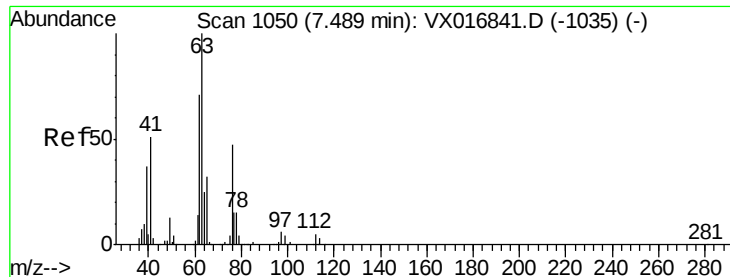


#44

Trichloroethene
 Concen: 49.577 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	190.8





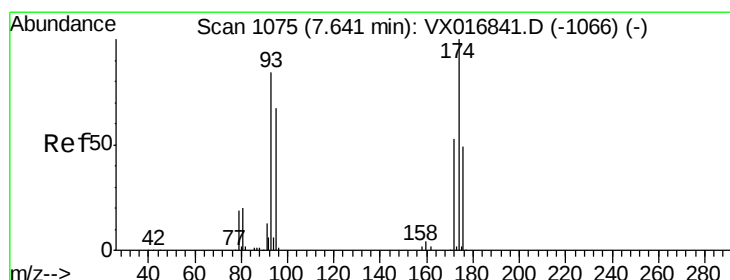
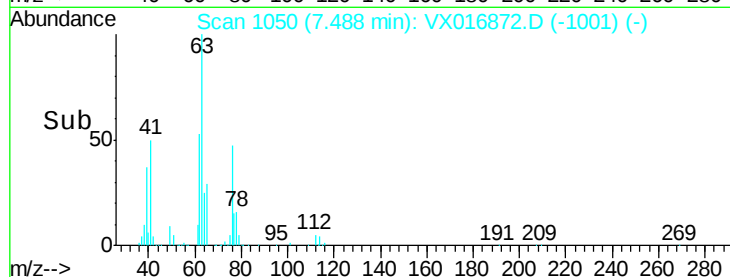
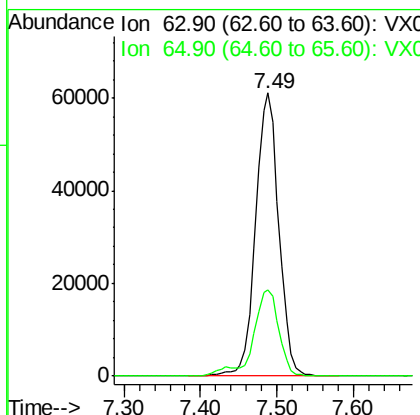
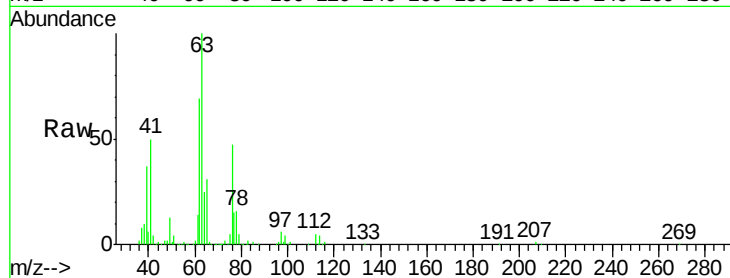
#45
 1,2-Dichloropropane
 Concen: 43.875 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.8	38.8

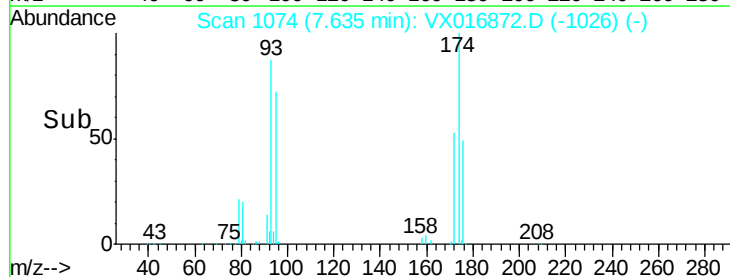
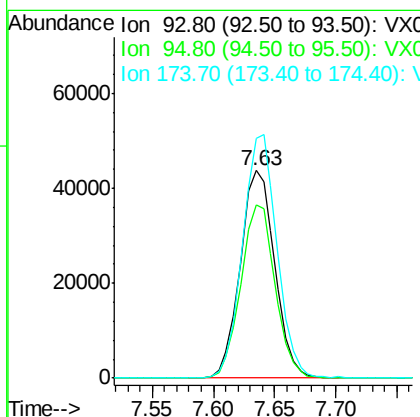
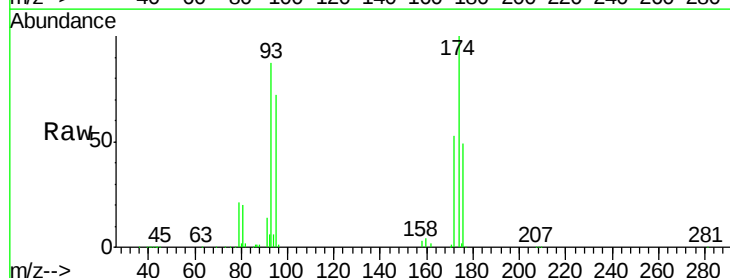
Manual Integrations
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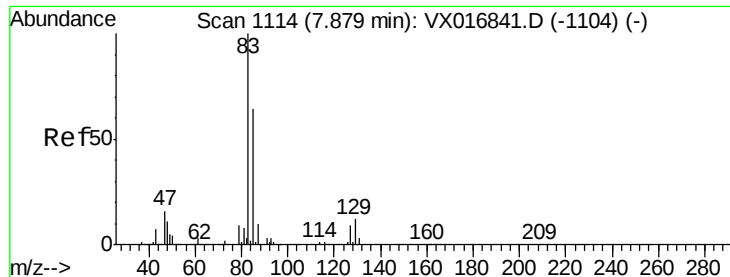
MMDadoda
 6/22/2020 10:48:02 AM



#46
 Dibromomethane
 Concen: 42.835 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.7	98.5
174	117.3	92.8	139.2





#47

Bromodichloromethane

Concen: 43.044 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

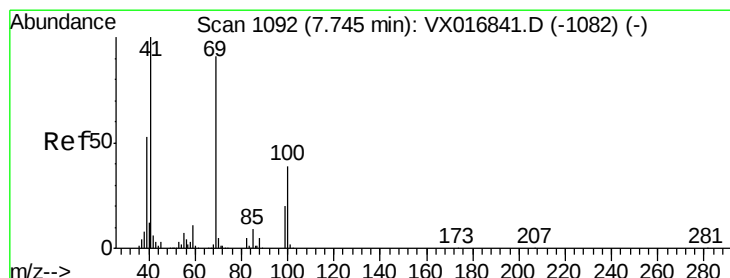
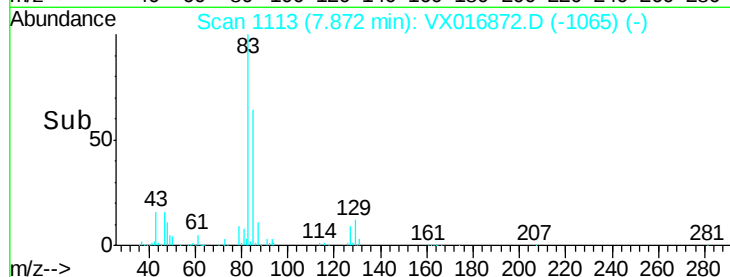
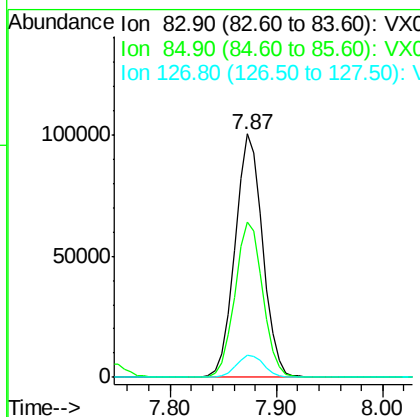
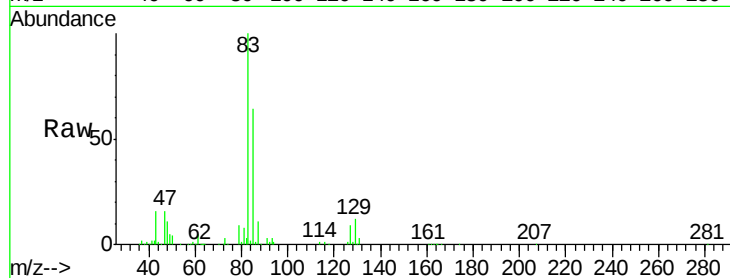
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183054
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.9	76.3
127	9.3	7.4	11.0

Manual Integrations
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6/22/2020 10:48:02 AM



#48

Methyl methacrylate

Concen: 43.067 ug/l

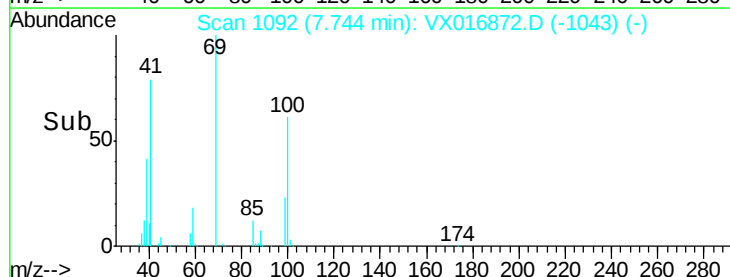
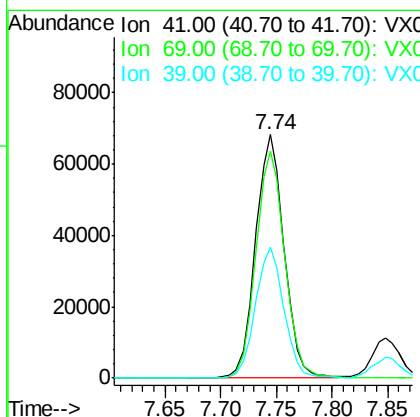
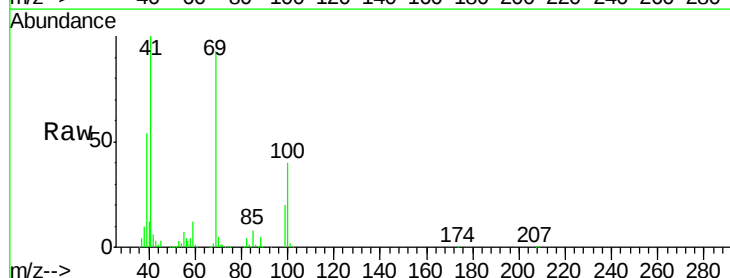
RT: 7.74 min Scan# 1092

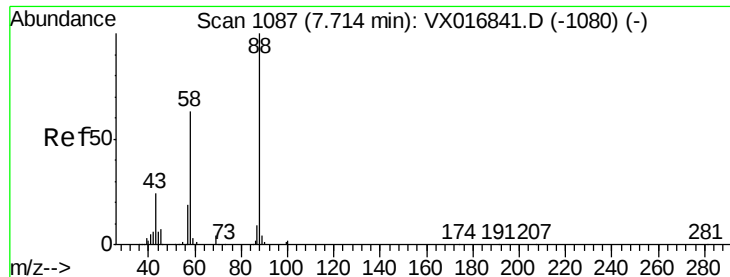
Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	41	Resp:	122311
Ion Ratio	Lower	Upper	
41	100		
69	93.9	73.3	109.9
39	53.9	42.4	63.6





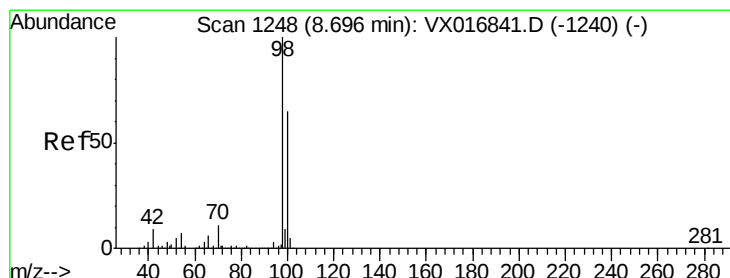
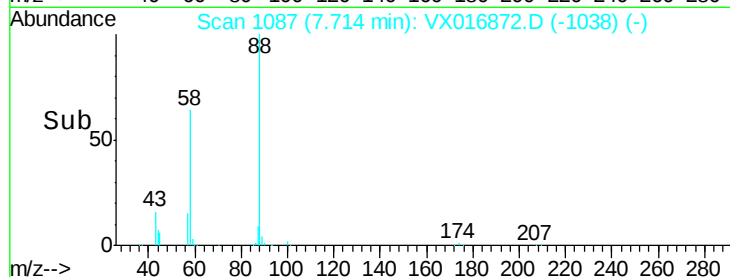
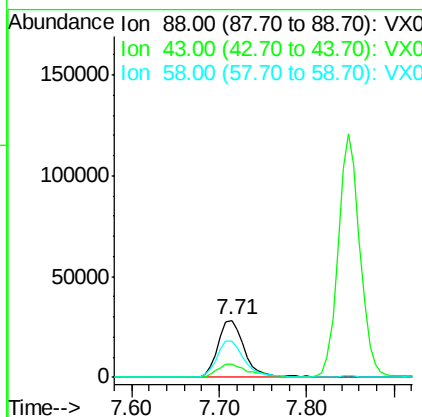
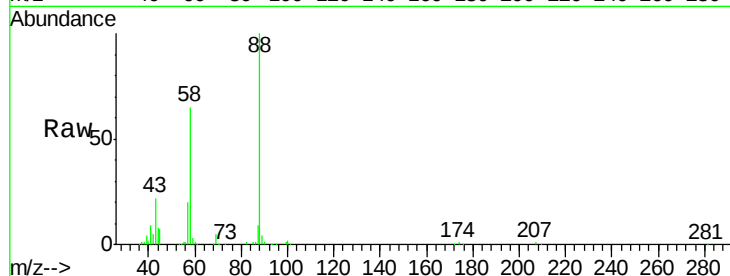
#49
1,4-Dioxane
Concen: 944.015 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	22.7	34.1
58	66.5	53.1	79.7

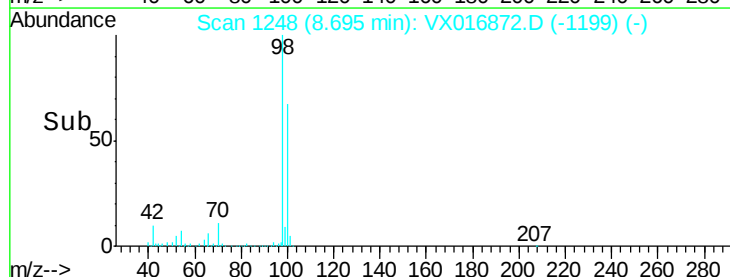
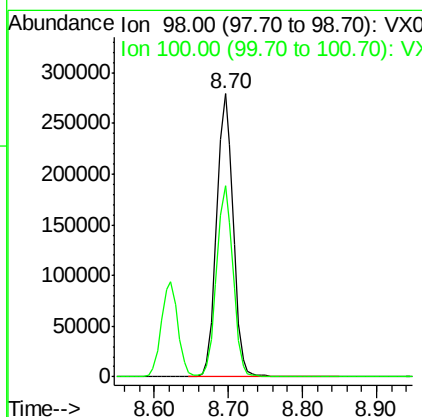
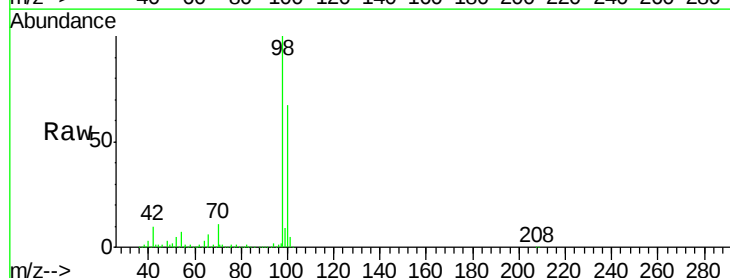
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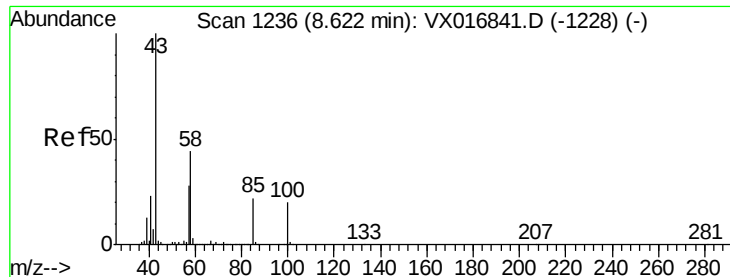
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#50
Toluene-d8
Concen: 39.385 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	54.0	81.0





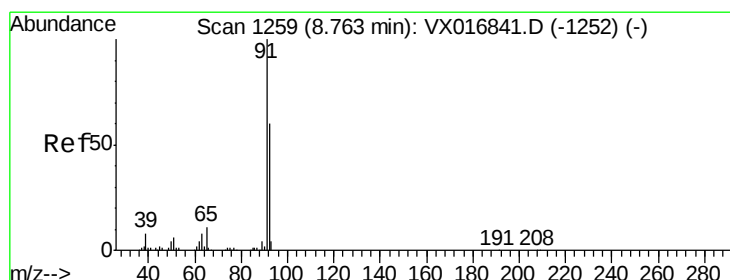
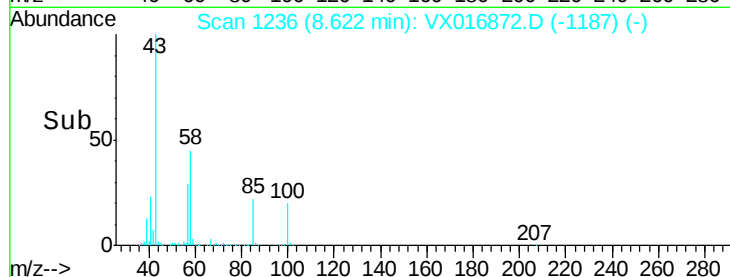
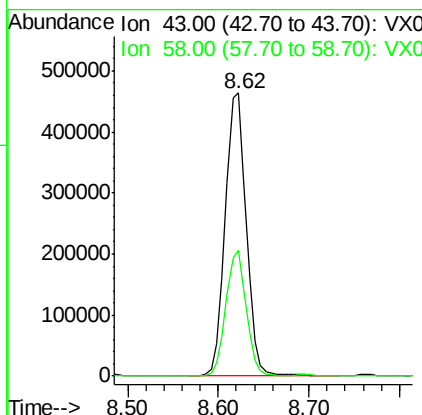
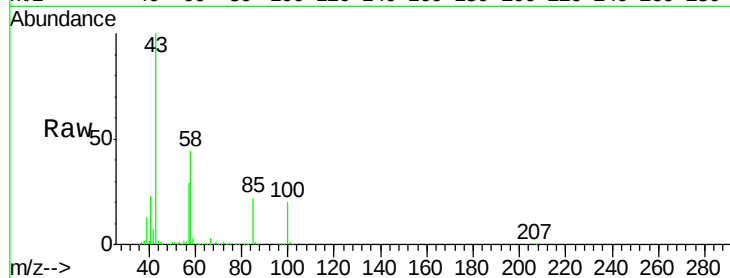
#51
4-Methyl-2-Pentanone
Concen: 206.825 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.0	34.3	51.5

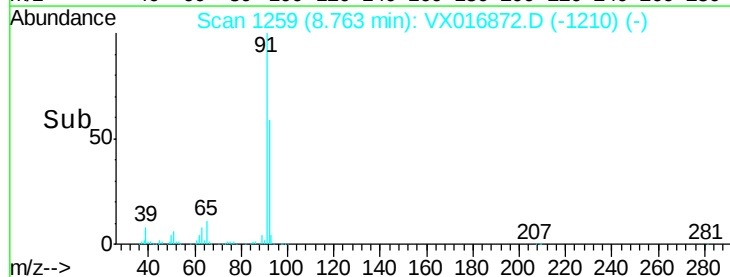
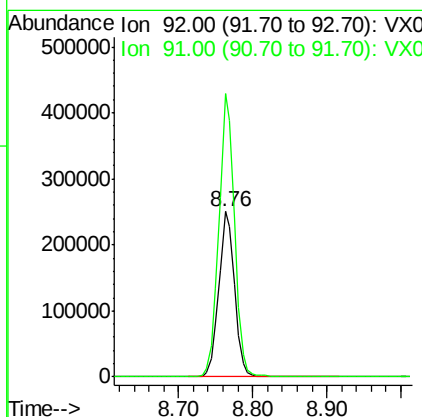
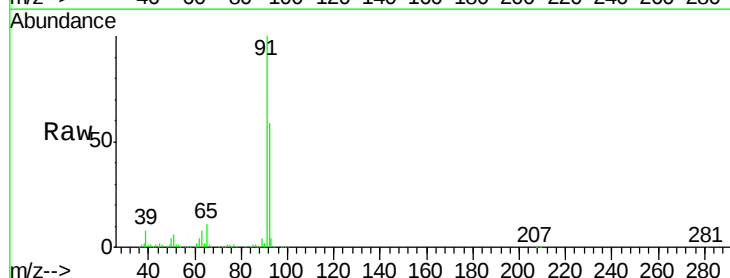
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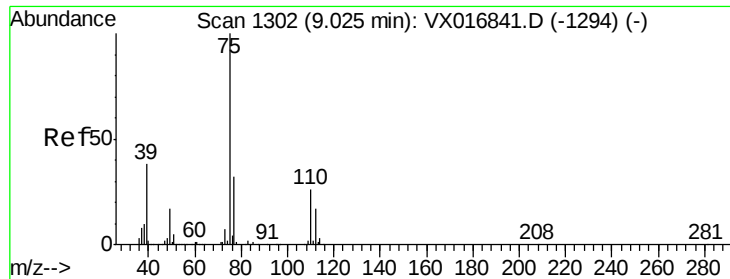
MMDadoda
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#52
Toluene
Concen: 46.945 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.7	134.2	201.2





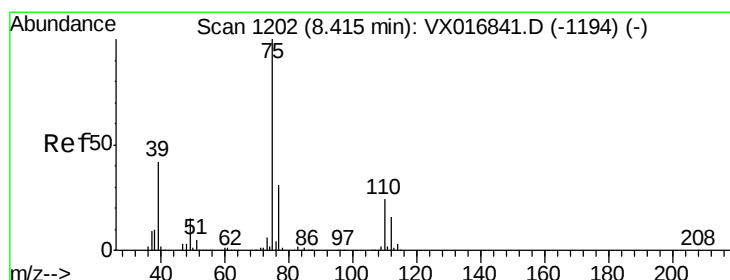
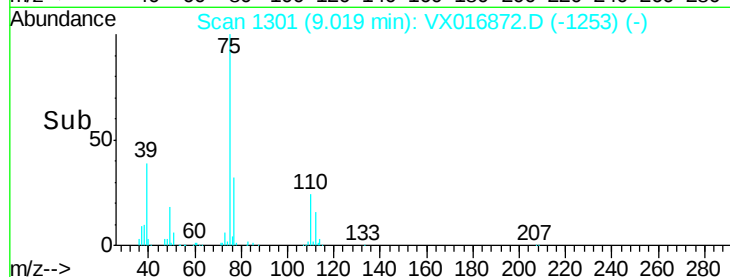
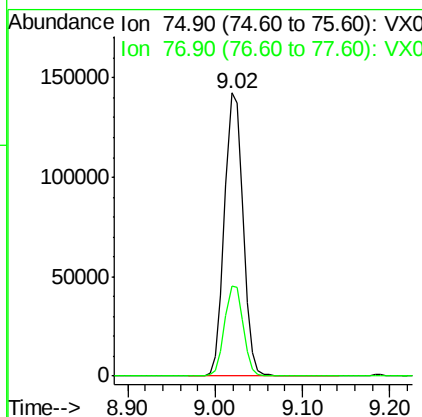
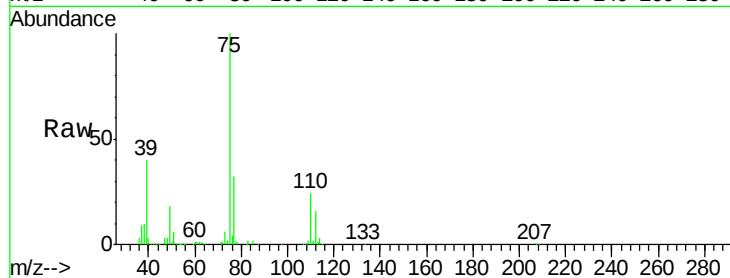
#53
t-1,3-Dichloropropene
Concen: 44.854 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9

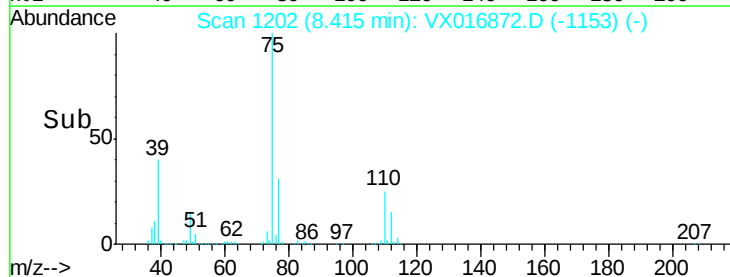
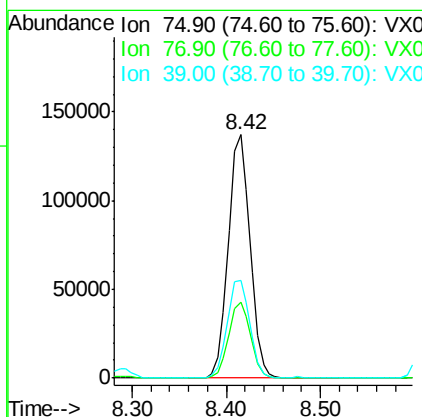
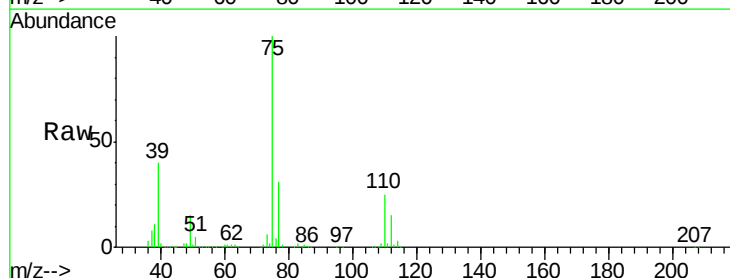
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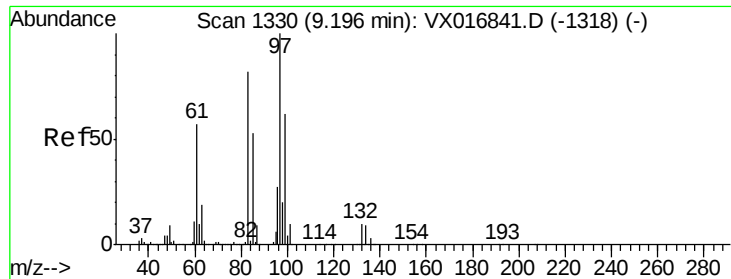
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#54
cis-1,3-Dichloropropene
Concen: 44.121 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.9	37.3
39	40.4	33.4	50.0





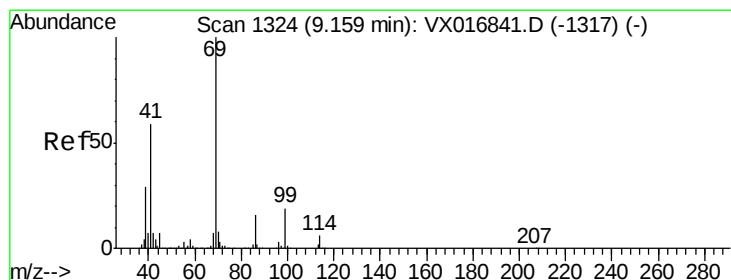
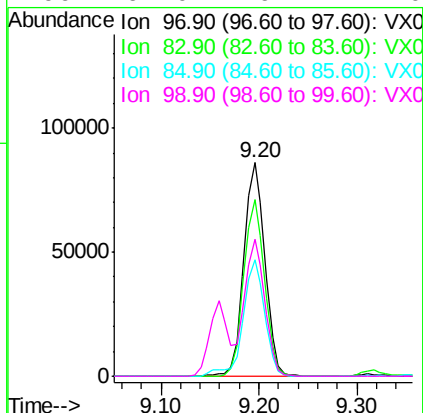
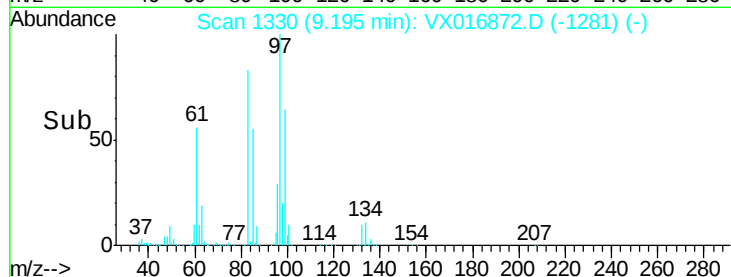
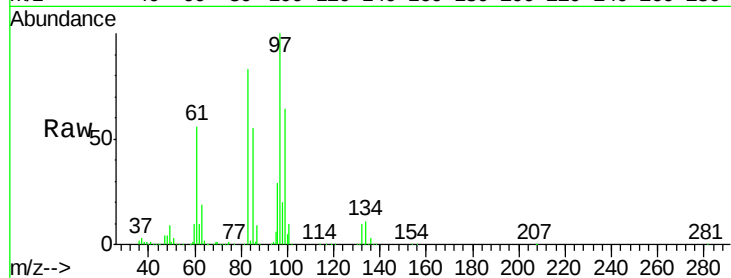
#55
 1,1,2-Trichloroethane
 Concen: 43.588 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128049		
83	82.8	65.5	98.3		
85	54.8	42.6	63.8		
99	64.0	49.4	74.0		

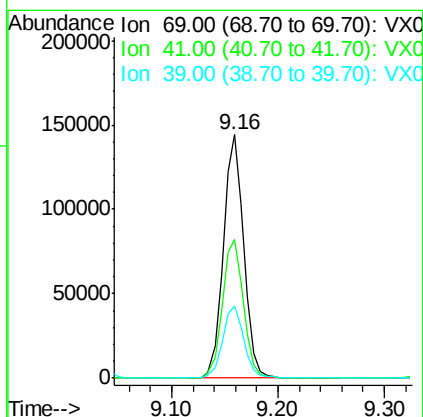
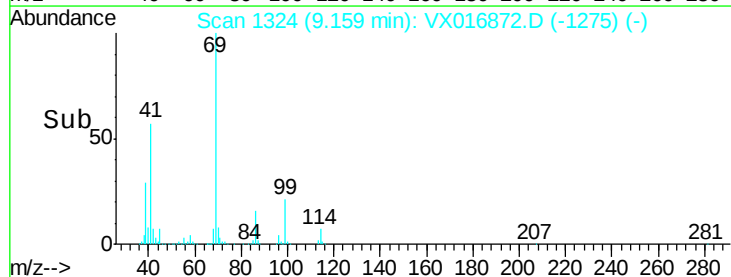
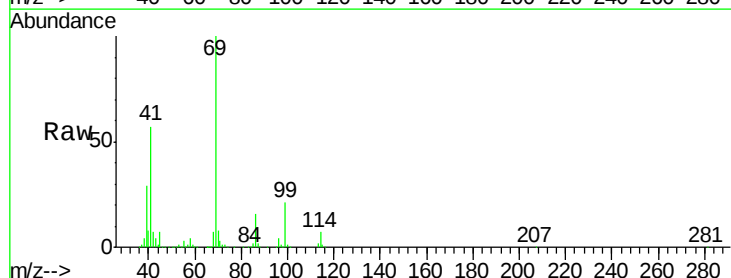
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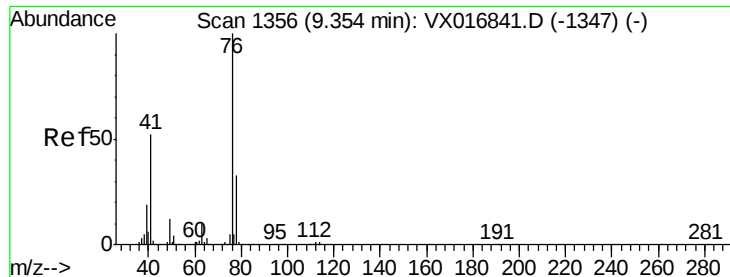
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#56
 Ethyl methacrylate
 Concen: 45.347 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		192853		
41	59.0	47.9	71.9		
39	30.6	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 42.793 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 213119

Ion Ratio Lower Upper

76 100

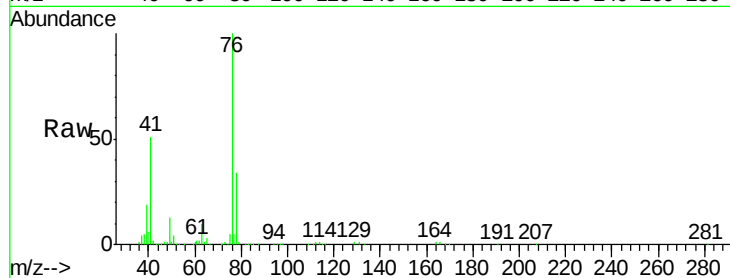
78 32.8 25.8 38.6

Manual Integrations

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6/22/2020 10:48:02 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

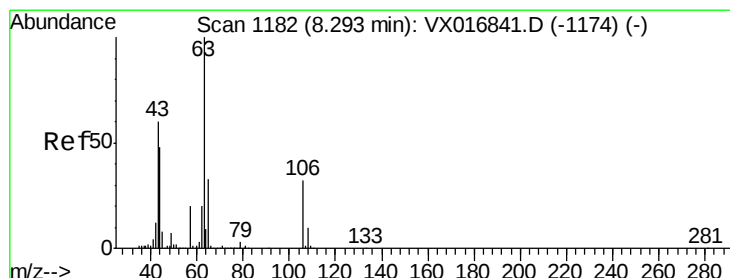
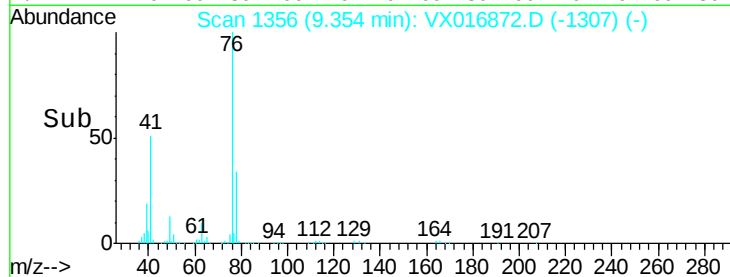
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.688 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016872.D

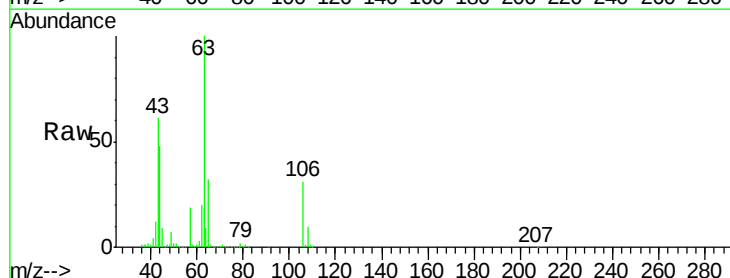
Acq: 19 Jun 2020 12:12

Tgt Ion: 63 Resp: 466396

Ion Ratio Lower Upper

63 100

106 32.3 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

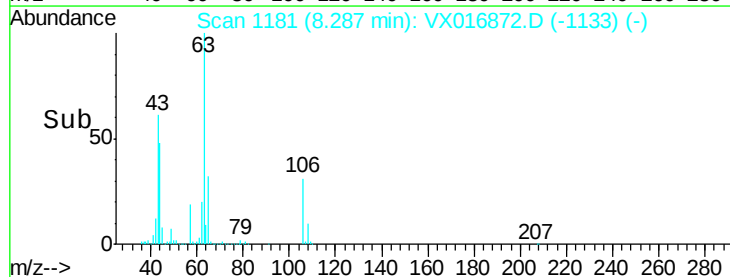
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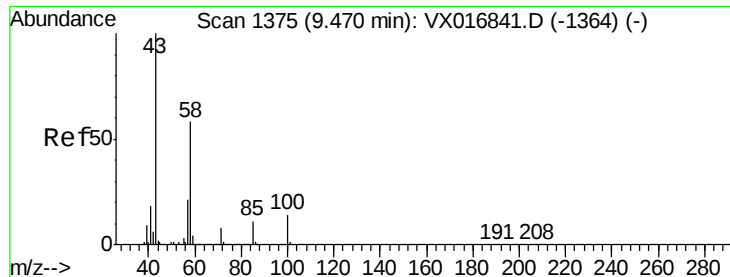
200000

100000

0

Time-->





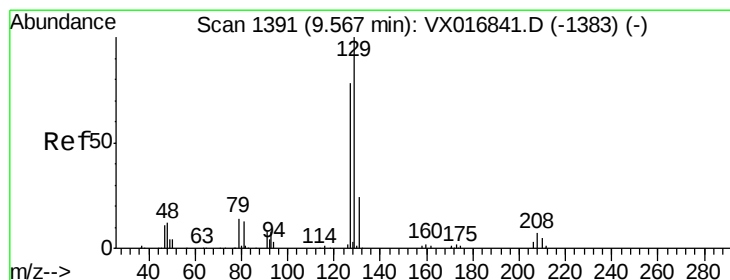
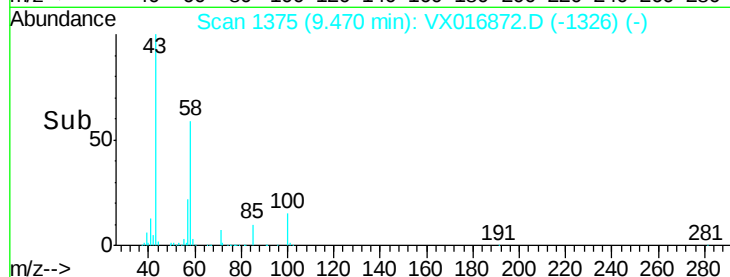
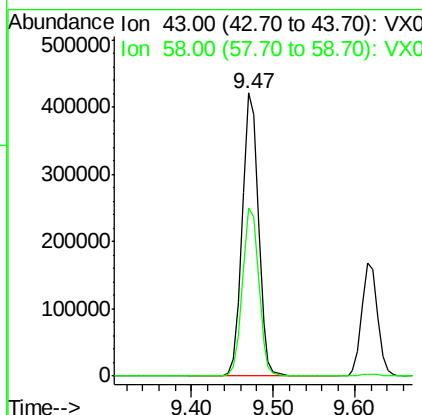
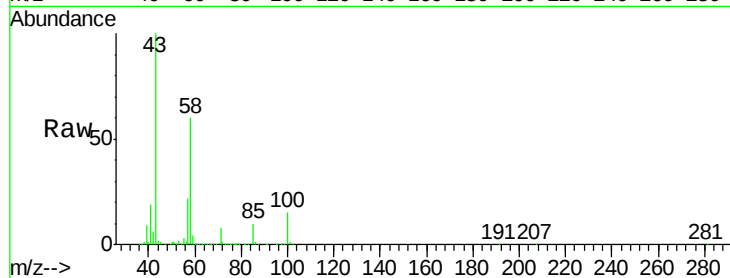
#59
2-Hexanone
Concen: 218.404 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 573734
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.4

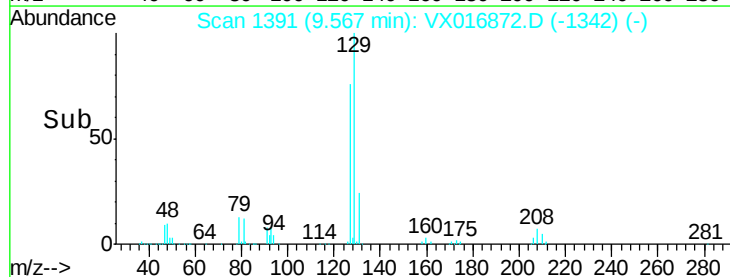
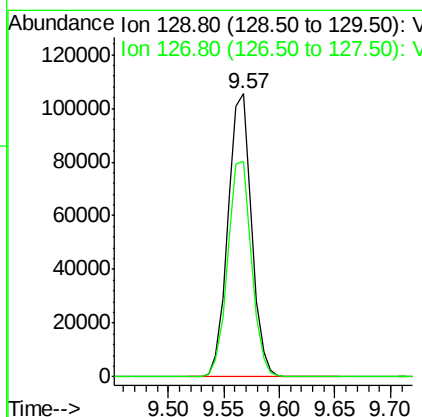
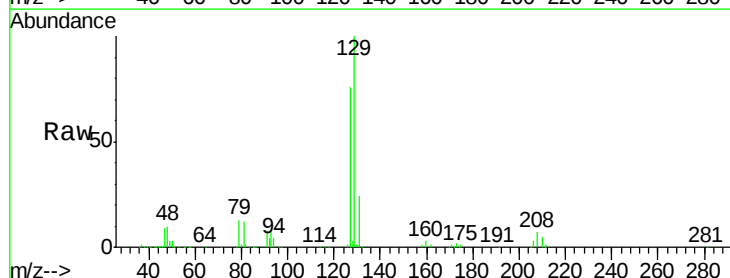
Manual Integrations
APPROVED

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#60
Dibromochloromethane
Concen: 43.695 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 129 Resp: 153989
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 43.620 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 139065

Ion Ratio Lower Upper

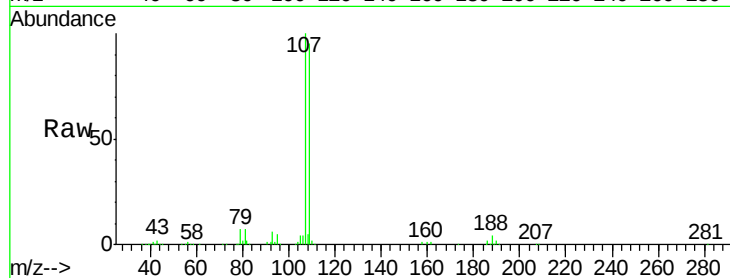
107 100

109 94.0 75.4 113.0

Manual Integrations
APPROVED

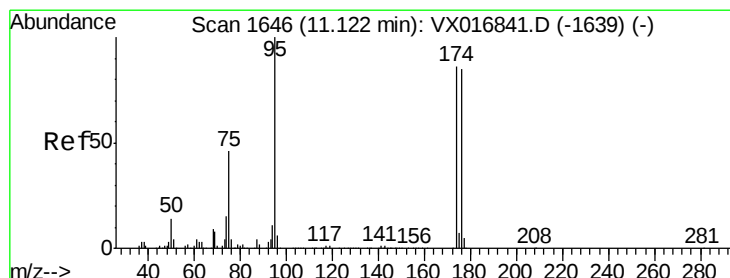
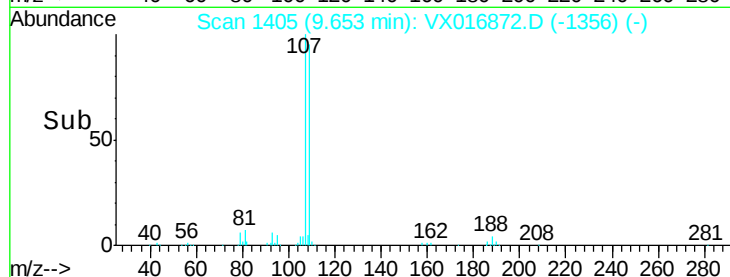
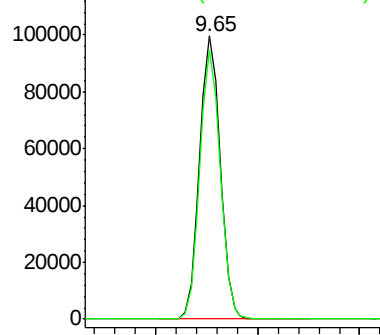
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.659 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

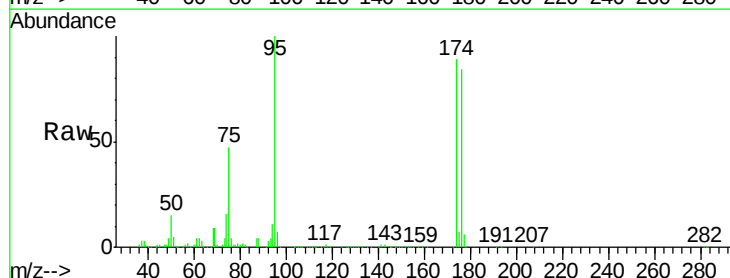
Tgt Ion: 95 Resp: 168788

Ion Ratio Lower Upper

95 100

174 87.1 0.0 174.2

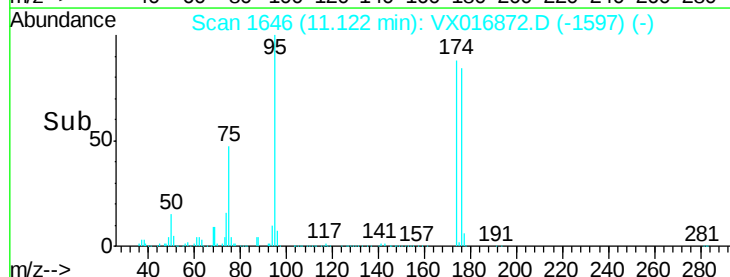
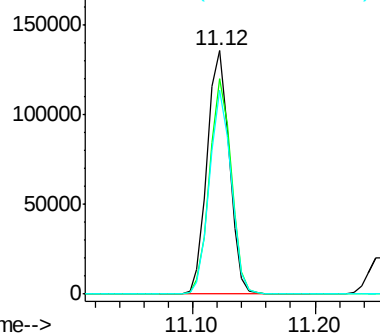
176 82.6 0.0 170.0

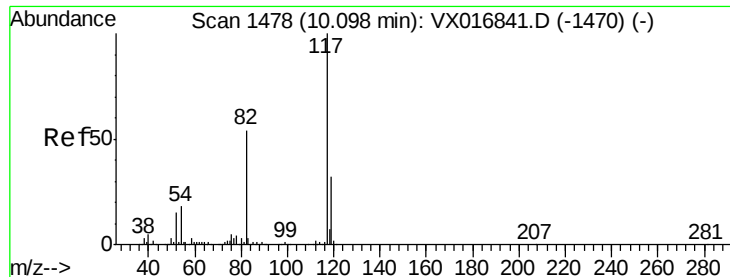


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





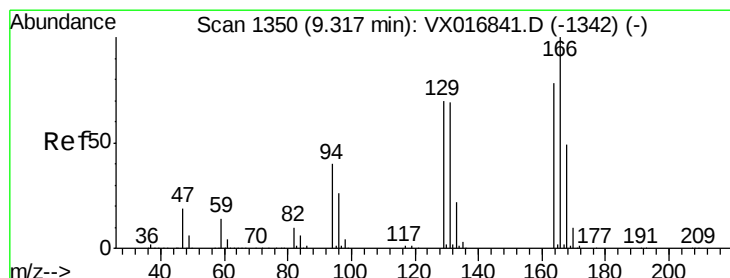
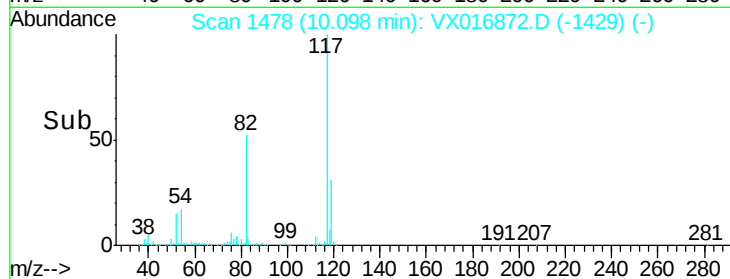
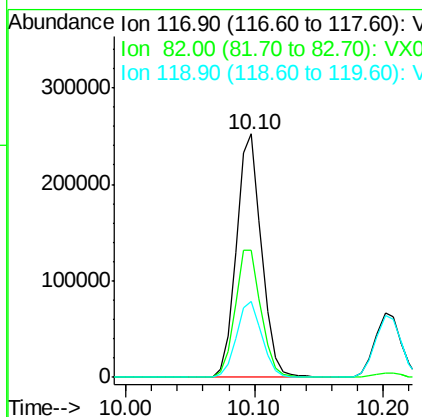
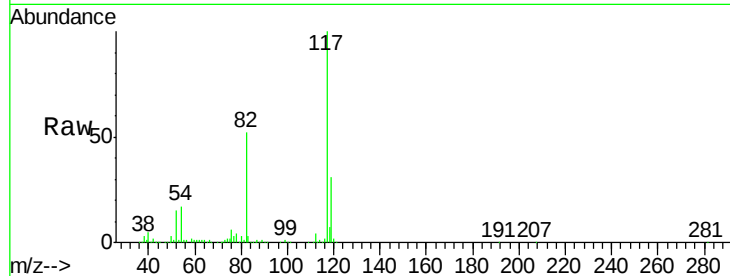
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	340351		
82	52.1	43.4	65.0	
119	31.4	25.7	38.5	

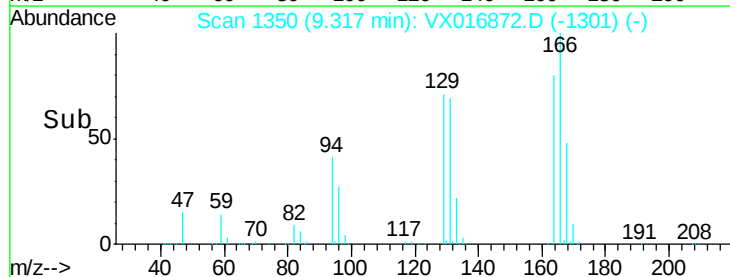
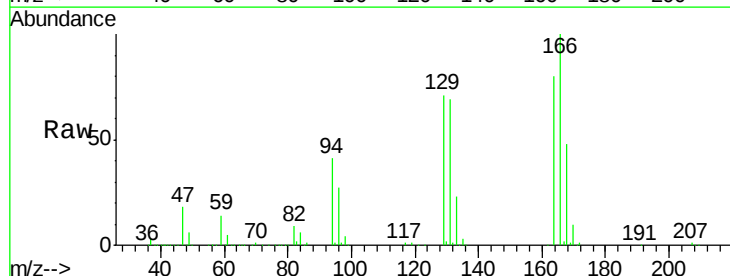
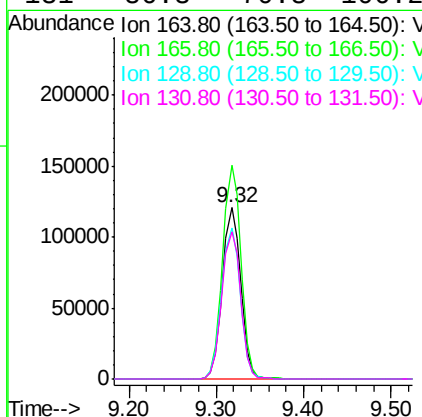
Manual Integrations
APPROVED

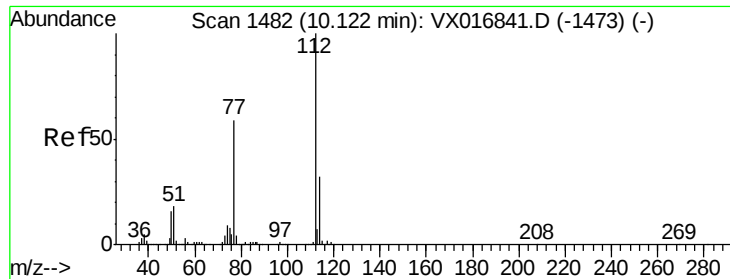
MMDadoda
6/22/2020 10:48:02 AM



#64
Tetrachloroethene
Concen: 55.740 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	175674		
166	124.6	102.6	153.8	
129	88.2	72.2	108.2	
131	86.3	70.8	106.2	





#65

Chlorobenzene

Concen: 52.685 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 363107

Ion Ratio Lower Upper

112 100

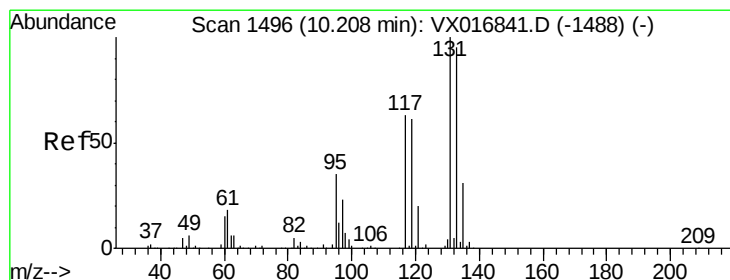
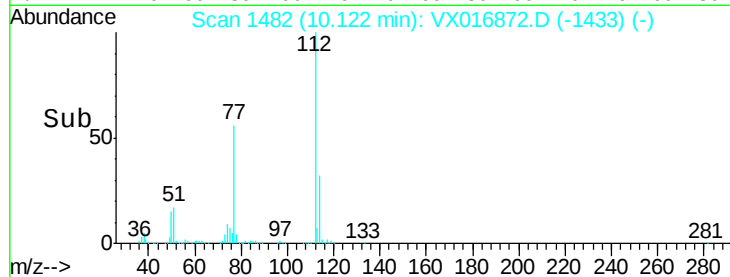
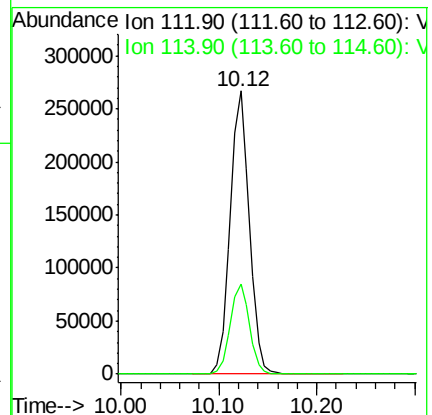
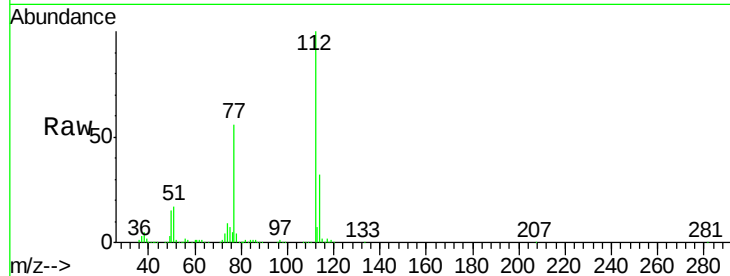
114 31.7 25.5 38.3

Manual Integrations

APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.443 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

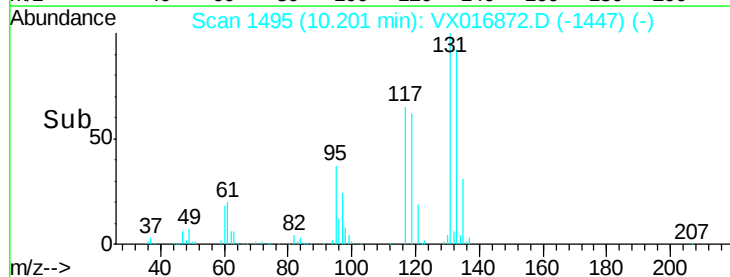
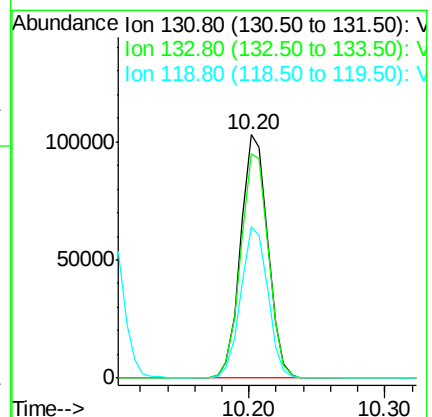
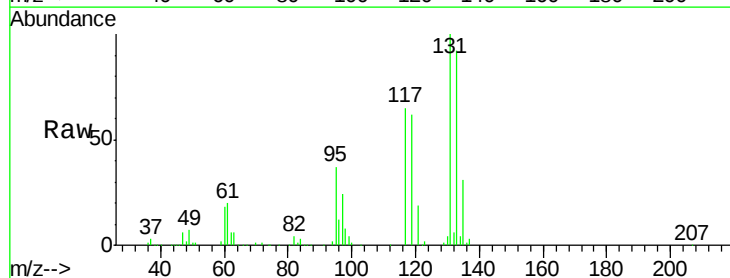
Tgt Ion:131 Resp: 142751

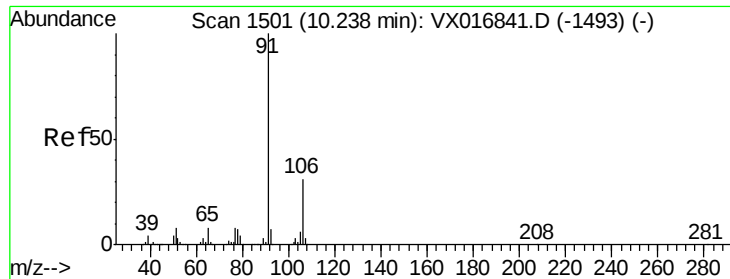
Ion Ratio Lower Upper

131 100

133 94.5 47.7 143.1

119 62.4 30.8 92.4





#67

Ethyl Benzene

Concen: 54.300 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 631429

Ion Ratio Lower Upper

91 100

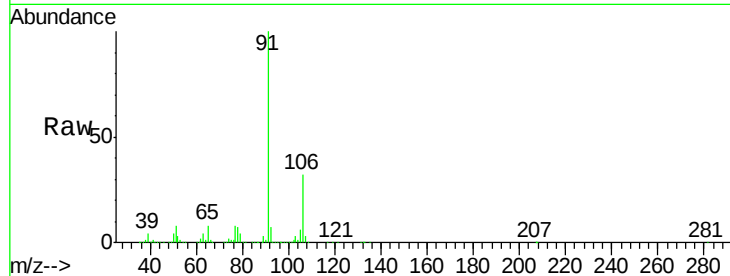
106 32.1 25.1 37.7

Manual Integrations

APPROVED

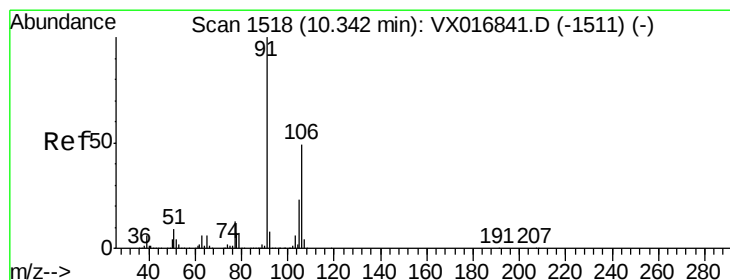
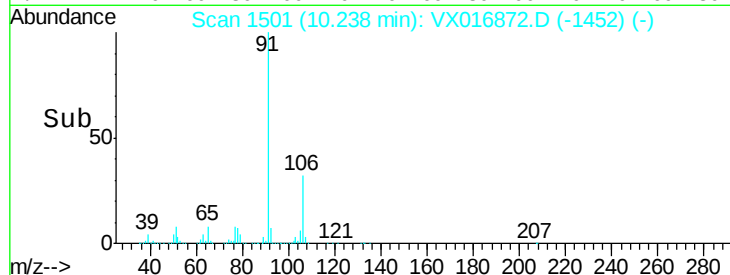
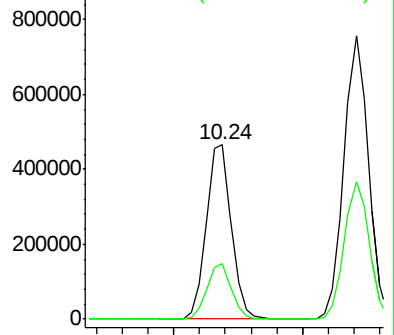
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 108.160 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016872.D

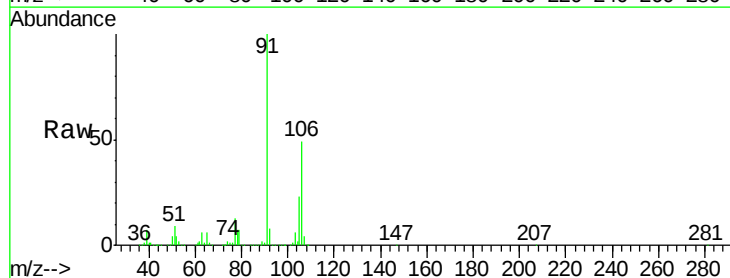
Acq: 19 Jun 2020 12:12

Tgt Ion: 106 Resp: 489427

Ion Ratio Lower Upper

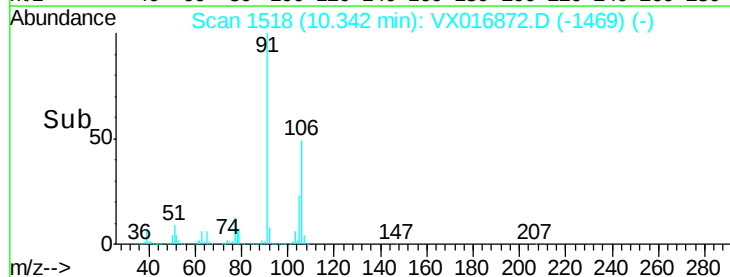
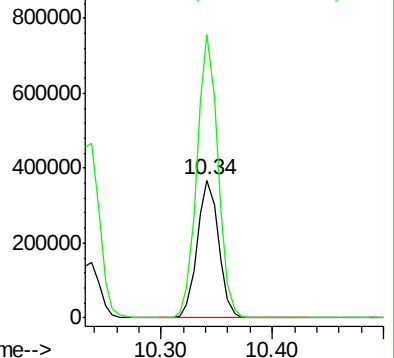
106 100

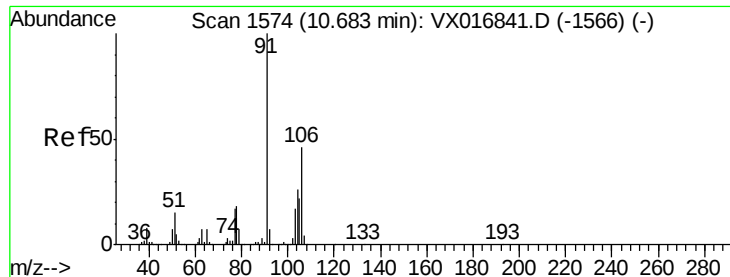
91 201.8 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





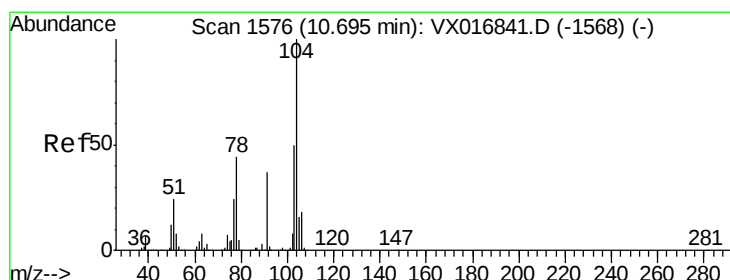
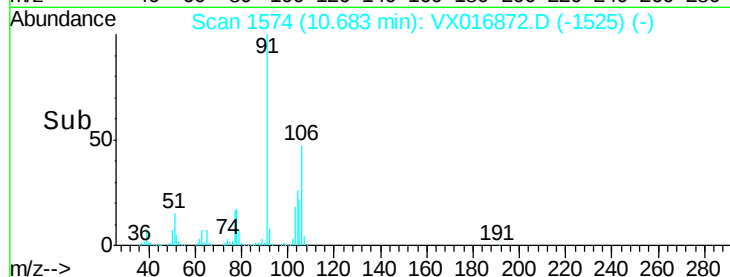
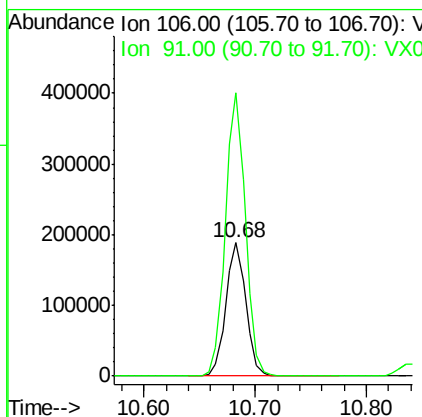
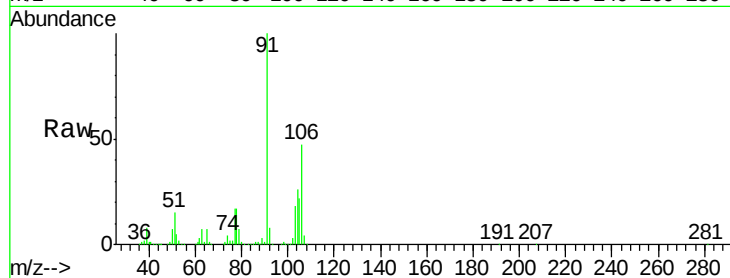
#69
o-Xylene
Concen: 55.816 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.1	107.9	233538		323.7

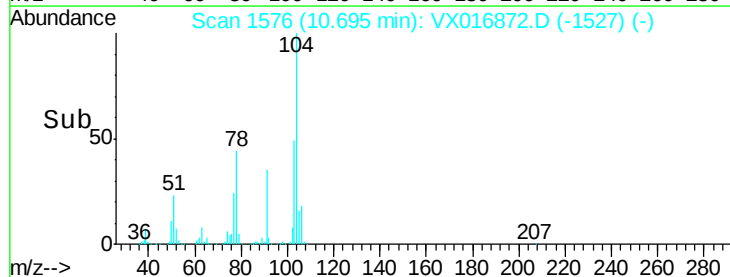
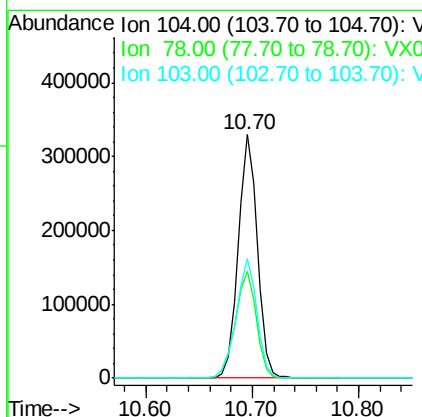
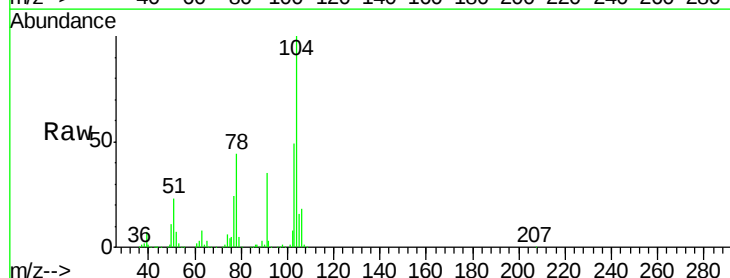
Manual Integrations
APPROVED

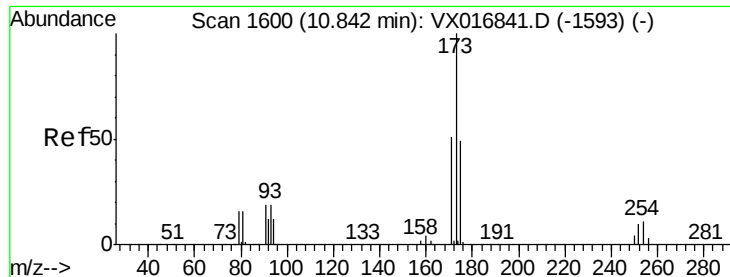
MMDadoda
6/22/2020 10:48:02 AM



#70
Styrene
Concen: 58.611 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.5	39.6	416678		59.4
103	53.1	43.3			64.9





#71

Bromoform

Concen: 54.982 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

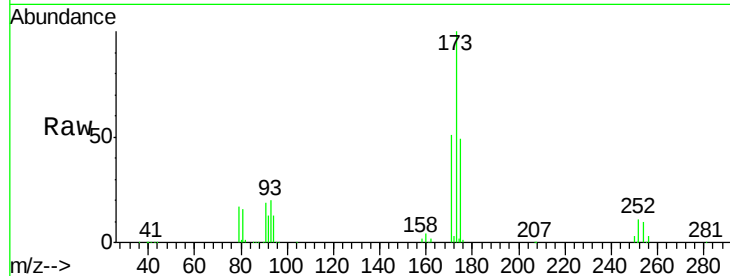
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	123475		
175	49.3	24.3	73.0	
254	0.2	0.1	0.1#	

Manual Integrations
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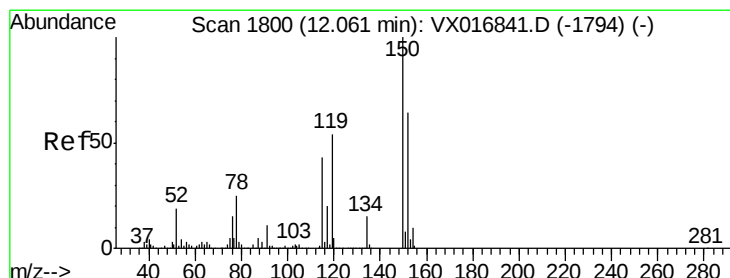
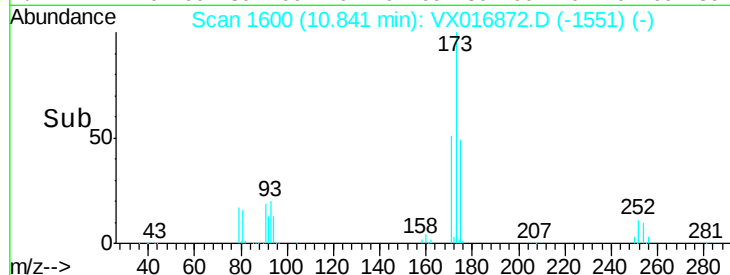
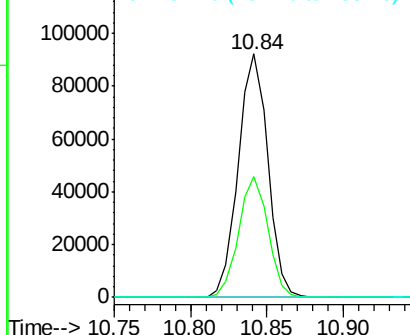


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

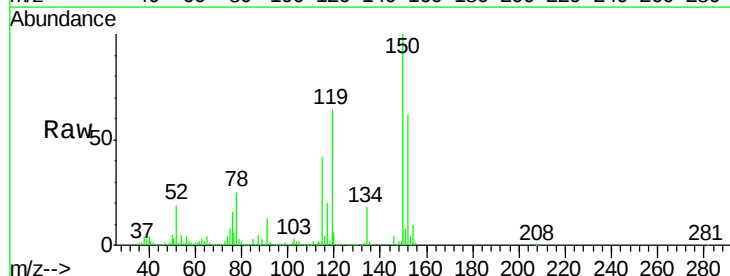
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	223645		
115	82.2	40.9	122.8	
150	171.9	0.0	344.2	

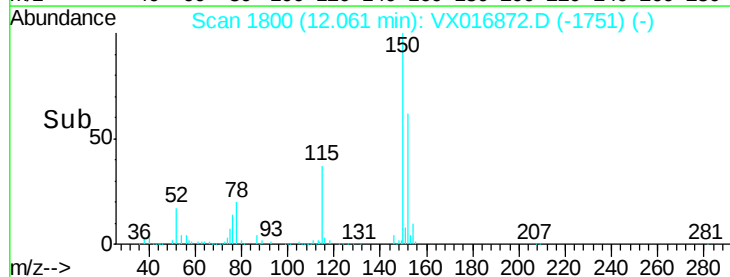
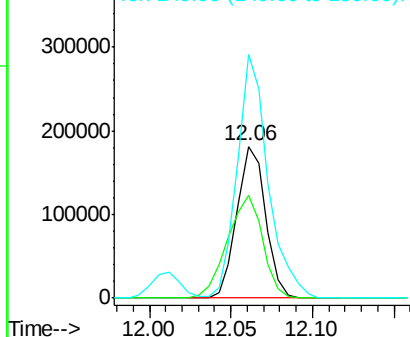


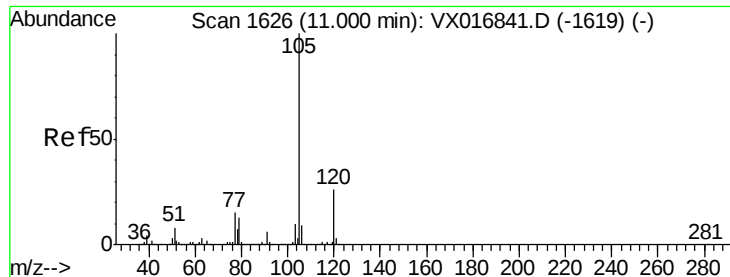
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.674 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 643276

Ion Ratio Lower Upper

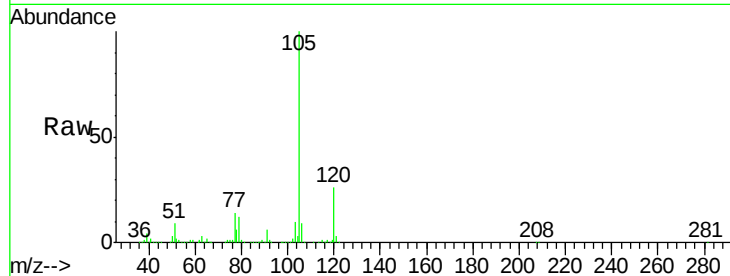
105 100

120 26.5 13.2 39.6

Manual Integrations
APPROVED

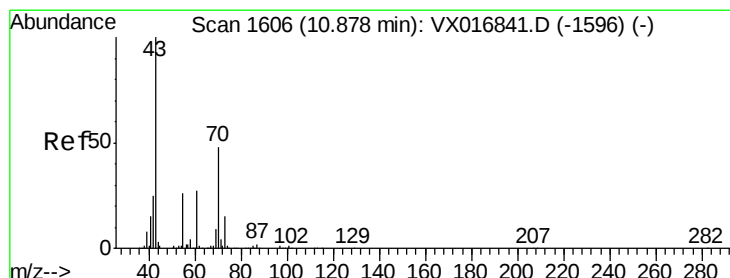
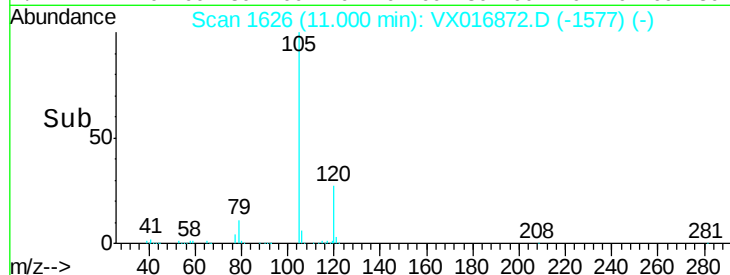
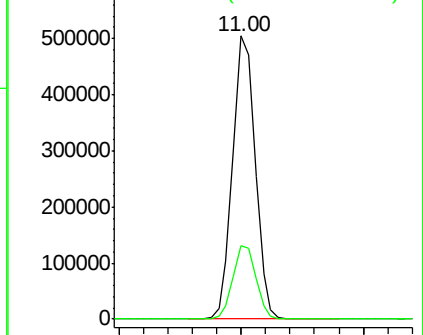
MMDadoda

6/22/2020 10:48:02 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.009 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion: 43 Resp: 231342

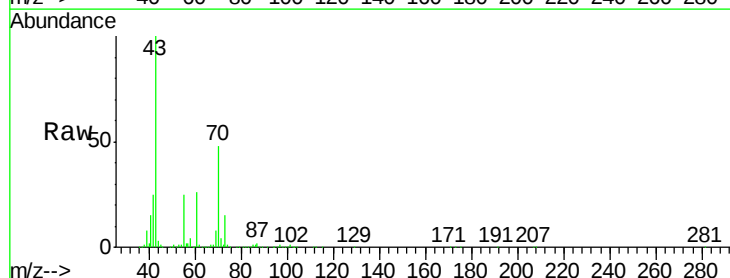
Ion Ratio Lower Upper

43 100

70 49.5 39.9 59.9

55 26.3 21.8 32.6

61 26.5 22.2 33.4

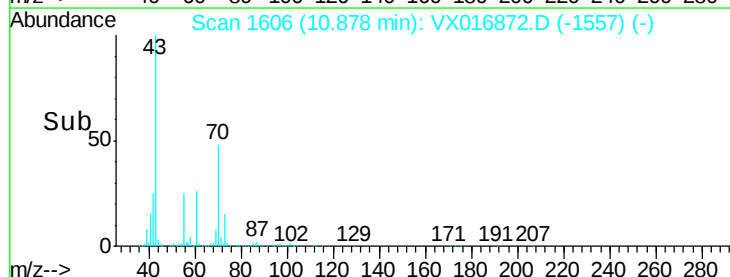
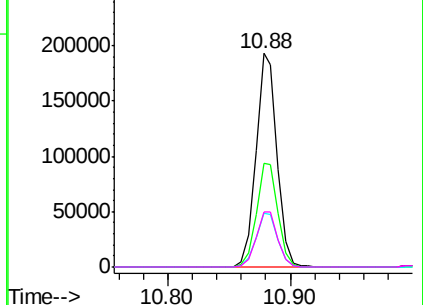


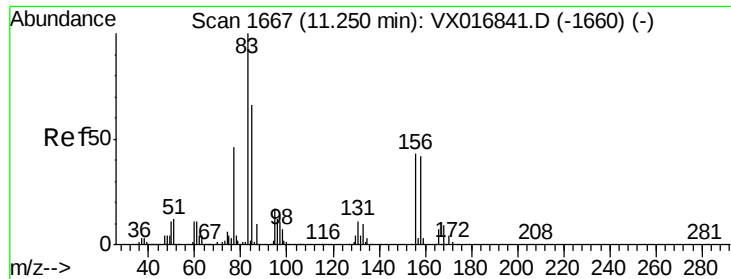
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 40.778 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

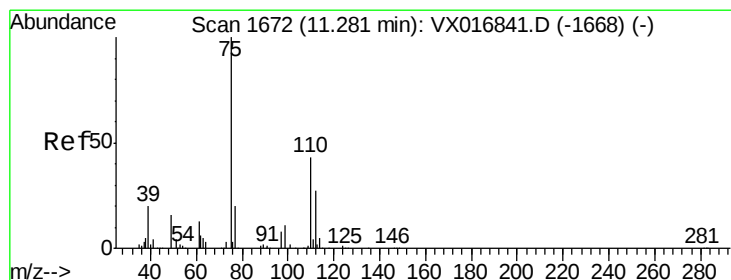
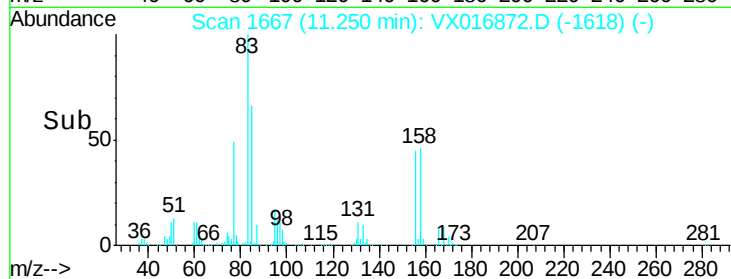
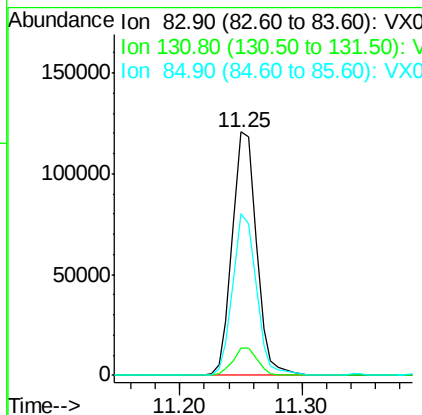
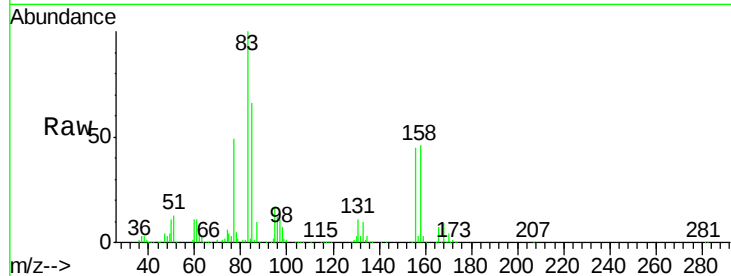
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165802
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	64.6	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 42.123 ug/l m

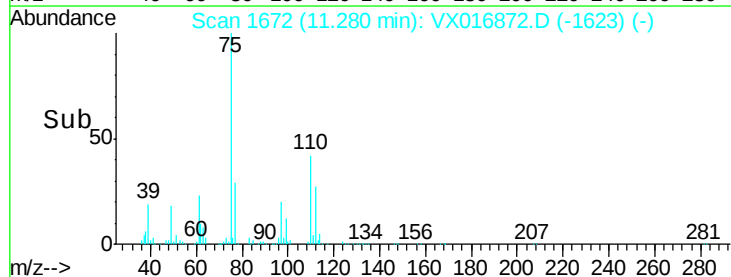
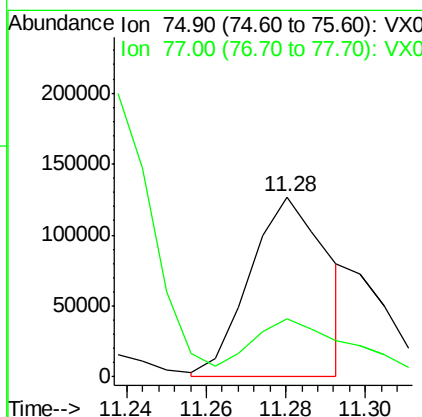
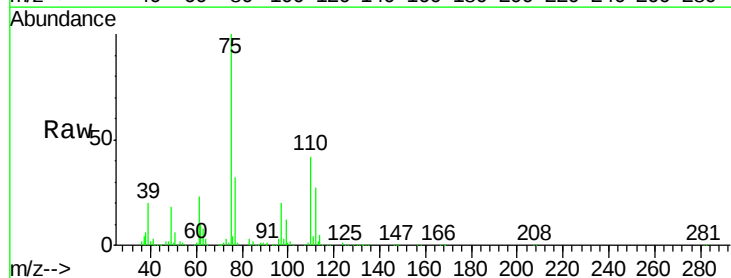
RT: 11.28 min Scan# 1672

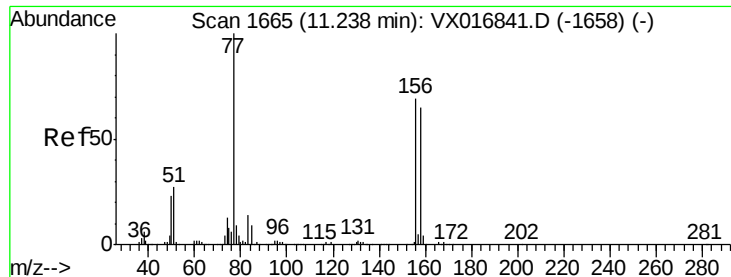
Delta R.T. 0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	75	Resp:	172053
Ion Ratio	Lower	Upper	
75	100		
77	41.7	20.5	61.5





#77

Bromobenzene

Concen: 42.923 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

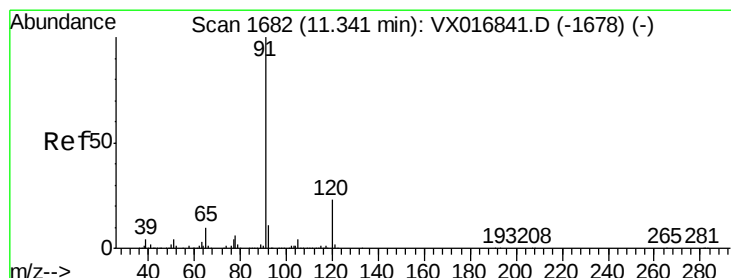
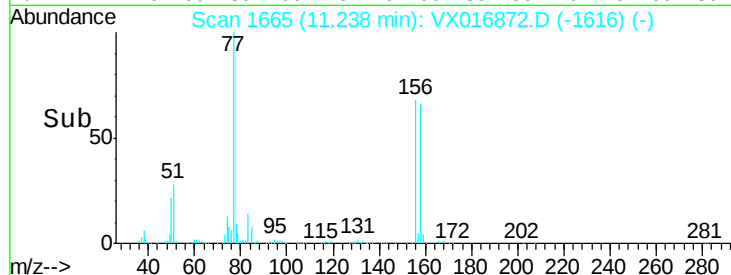
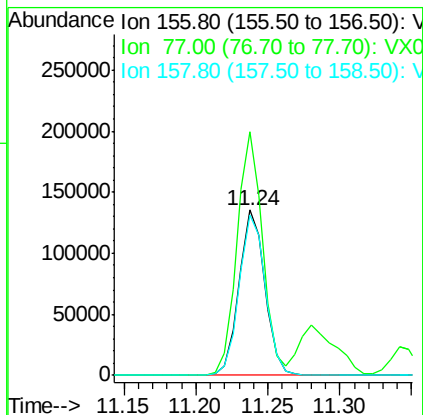
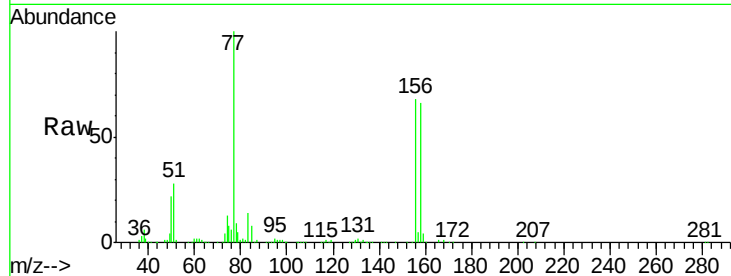
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	168562
Ion Ratio	Lower	Upper	
156	100		
77	146.4	73.4	220.2
158	98.3	48.8	146.3

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#78

n-propylbenzene

Concen: 44.718 ug/l

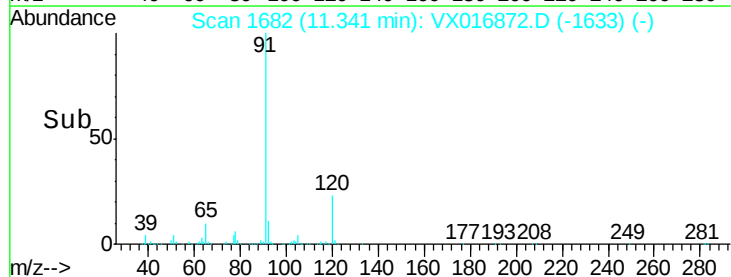
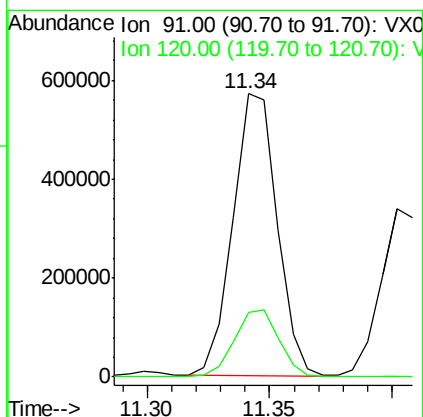
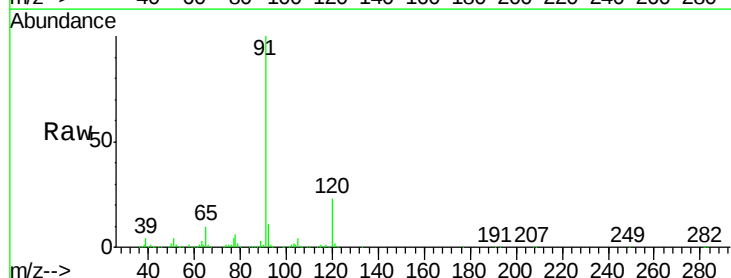
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Tgt Ion:	91	Resp:	718619
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.5





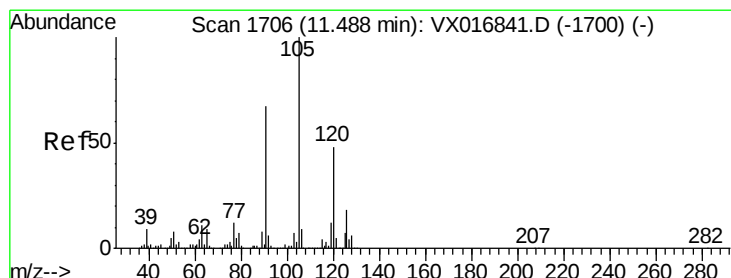
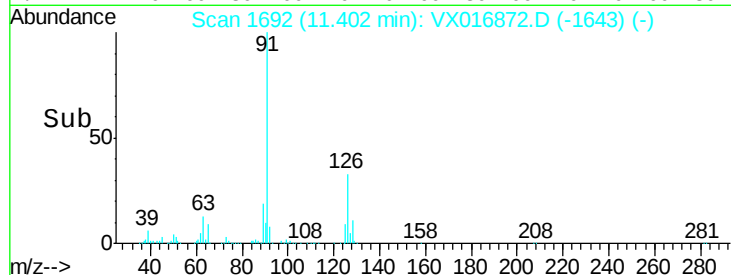
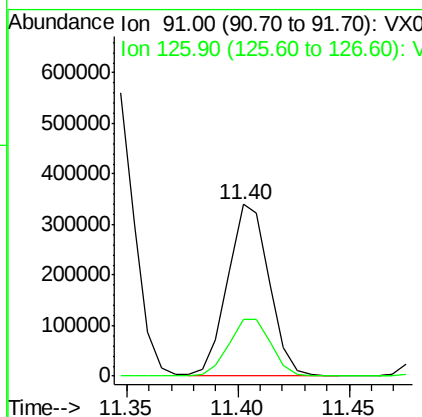
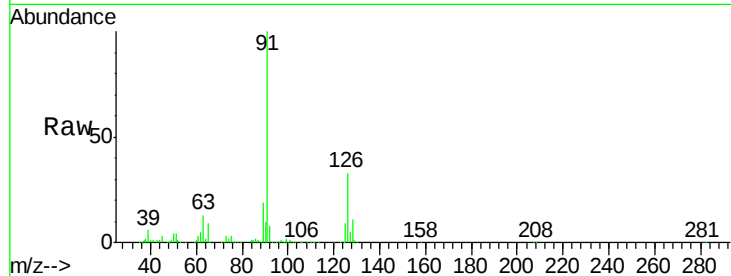
#79
2-Chlorotoluene
Concen: 44.496 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 437495
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

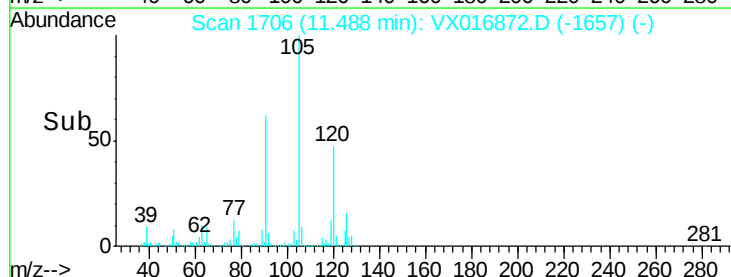
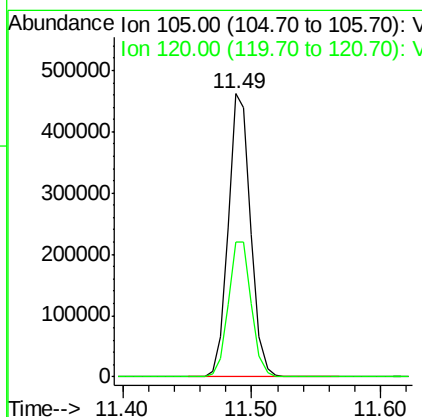
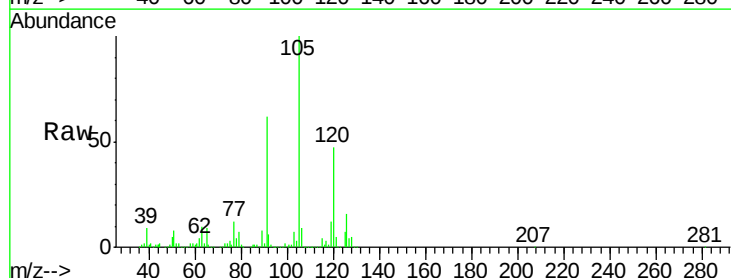
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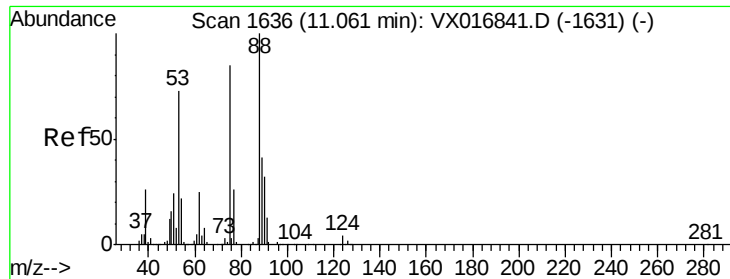
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 45.298 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion: 105 Resp: 562778
Ion Ratio Lower Upper
105 100
120 49.0 24.6 74.0





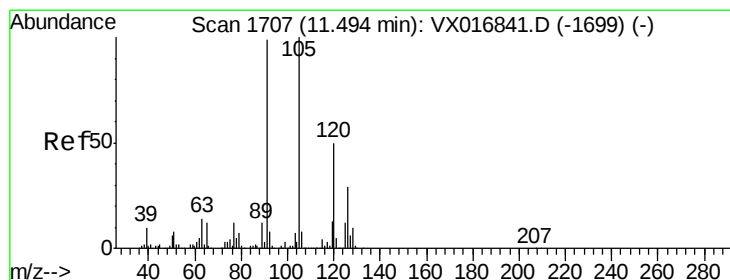
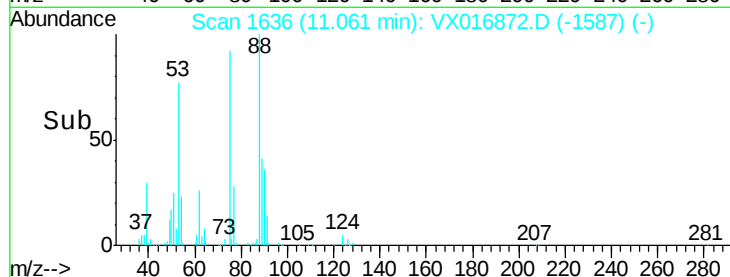
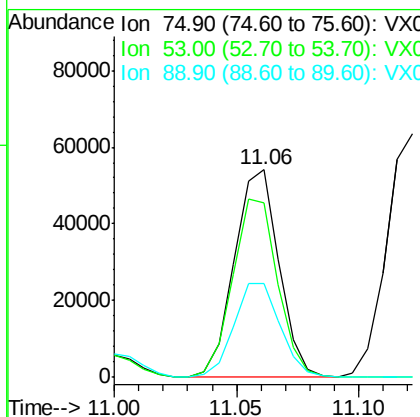
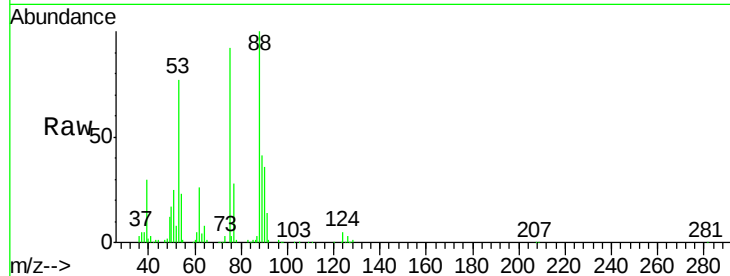
#81
trans-1,4-Dichloro-2-butene
Concen: 40.875 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.7	69.8	104.8
89	47.7	38.3	57.5

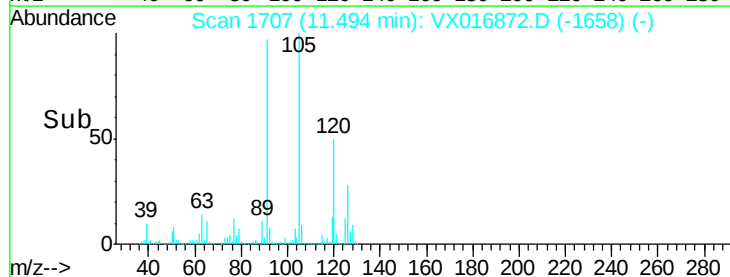
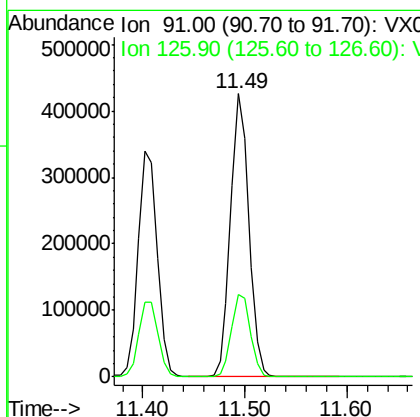
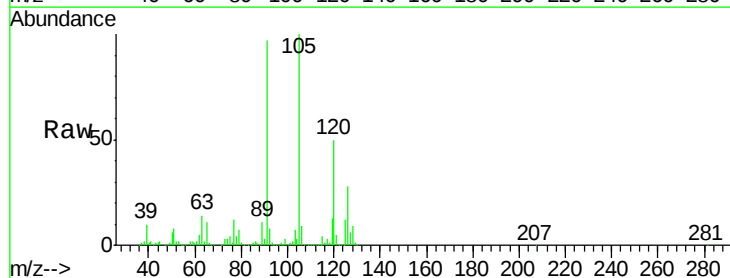
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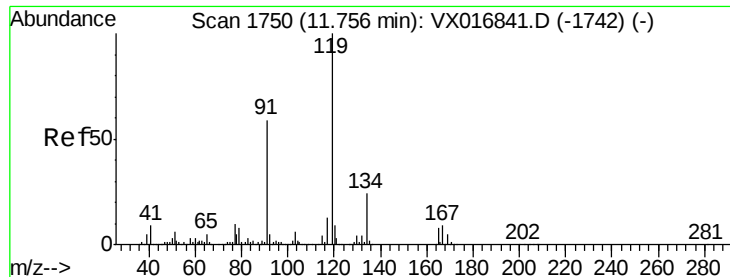
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#82
4-Chlorotoluene
Concen: 44.702 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





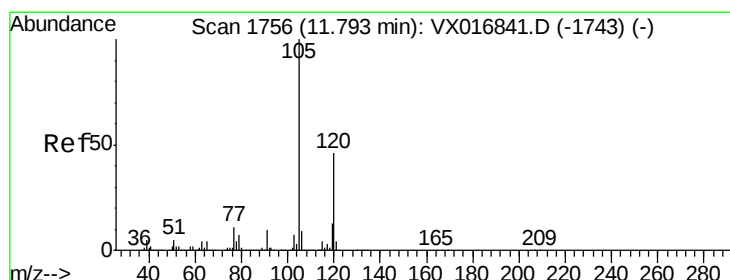
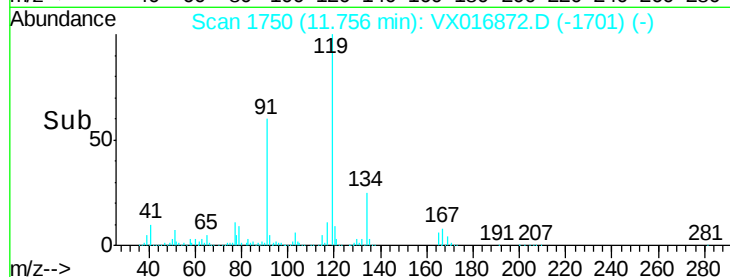
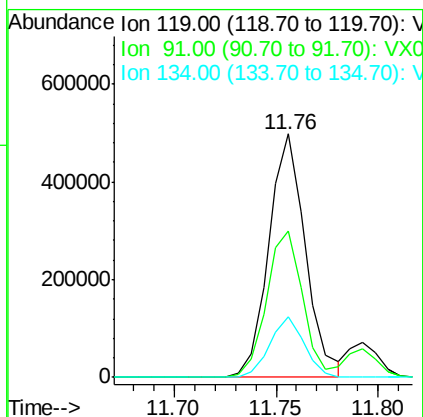
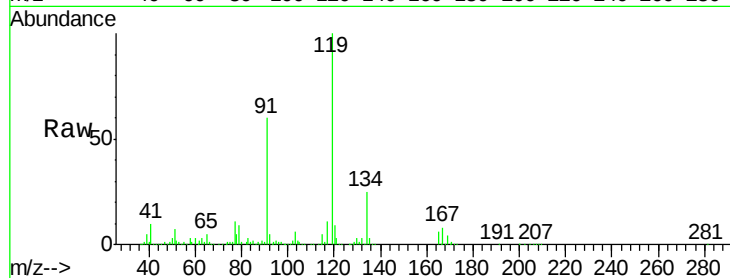
#83
tert-Butylbenzene
Concen: 50.469 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	28.5	85.5
134	23.6	11.7	35.1

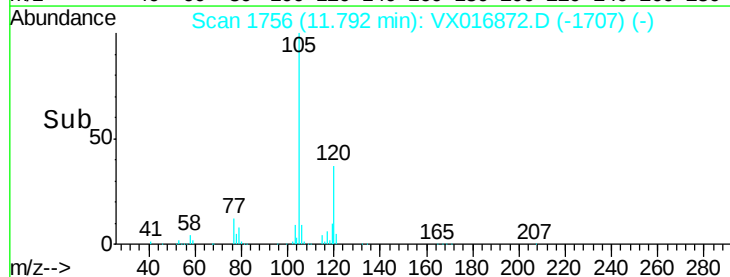
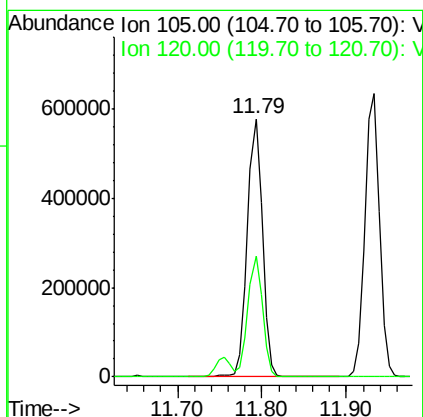
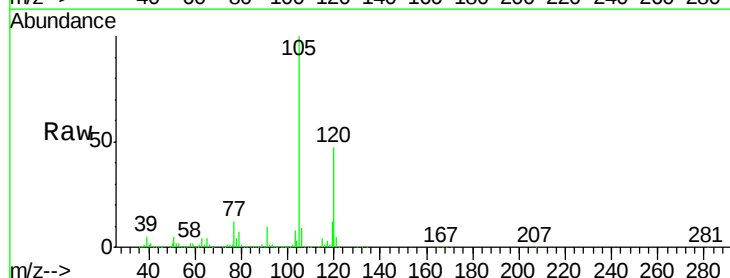
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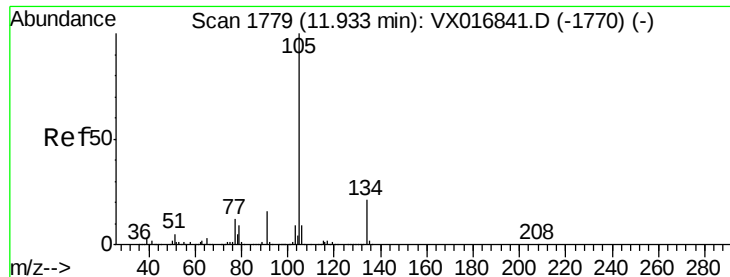
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.580 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9





#85

sec-Butylbenzene

Concen: 53.613 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 765397

Ion Ratio Lower Upper

105 100

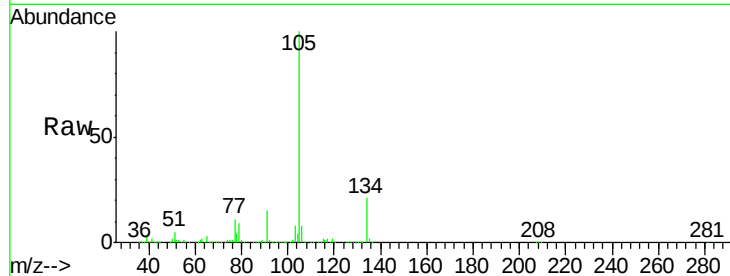
134 20.6 10.4 31.2

Manual Integrations

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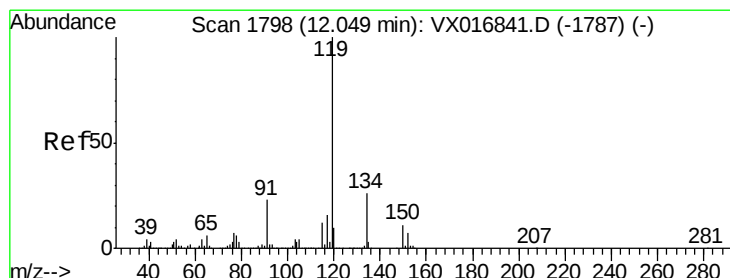
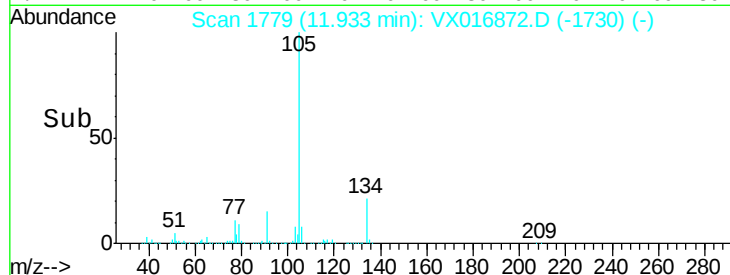
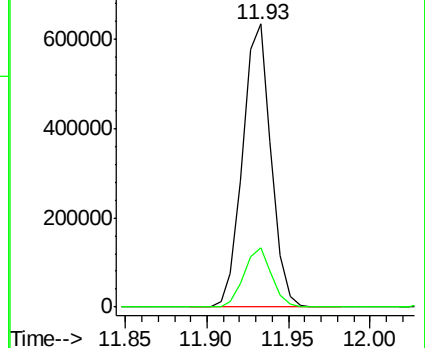
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.371 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016872.D

Acq: 19 Jun 2020 12:12

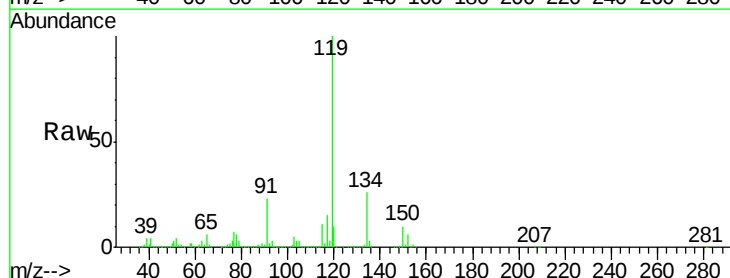
Tgt Ion:119 Resp: 750444

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

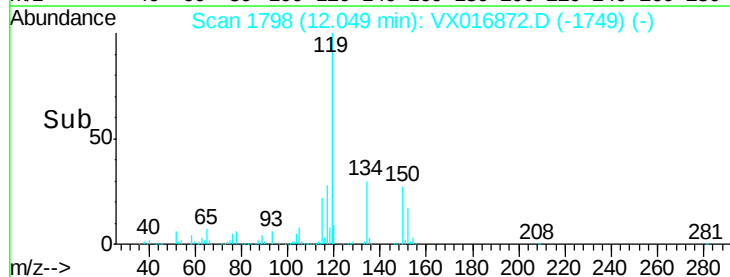
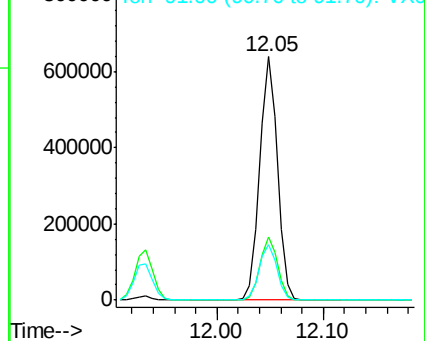
91 22.9 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





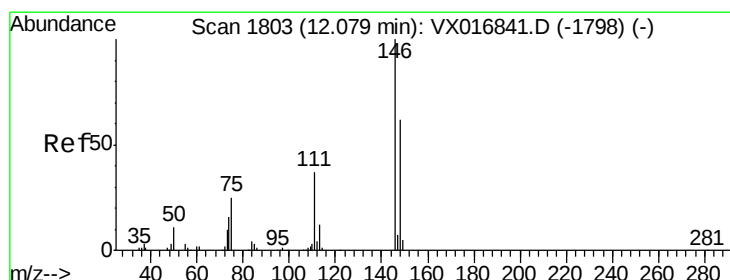
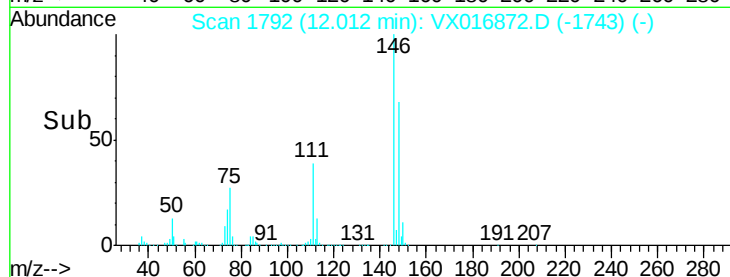
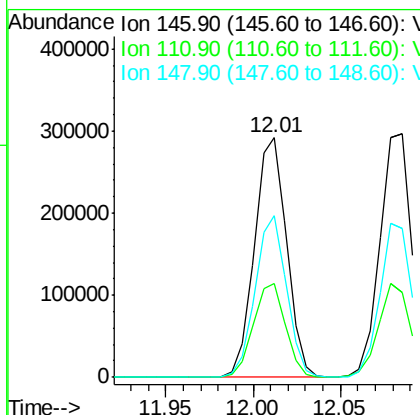
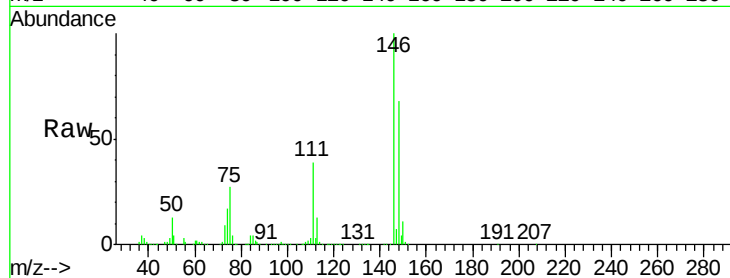
#87
 1,3-Dichlorobenzene
 Concen: 51.955 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	65.5	31.8	95.3

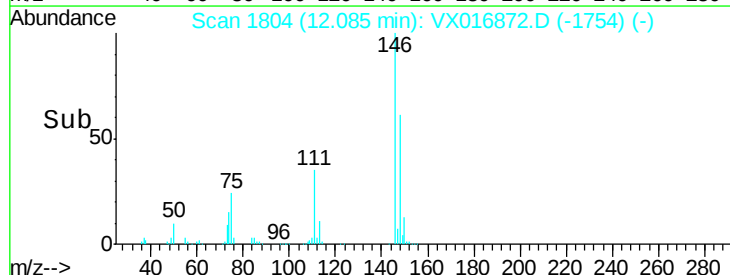
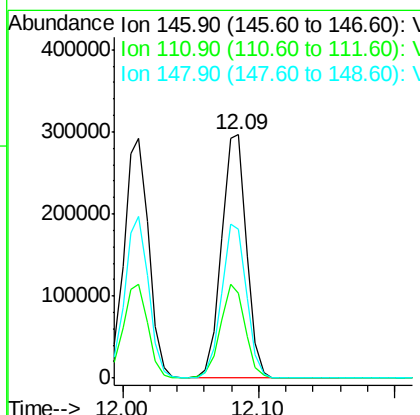
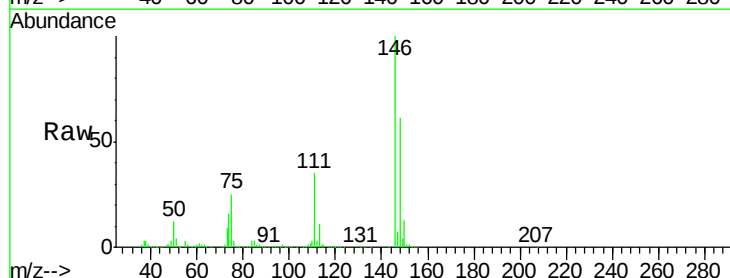
Manual Integrations
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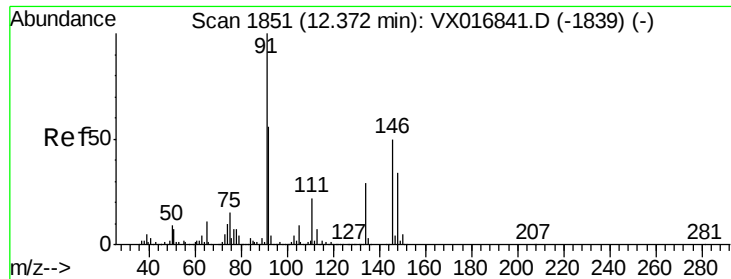
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#88
 1,4-Dichlorobenzene
 Concen: 51.782 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	62.9	31.6	95.0





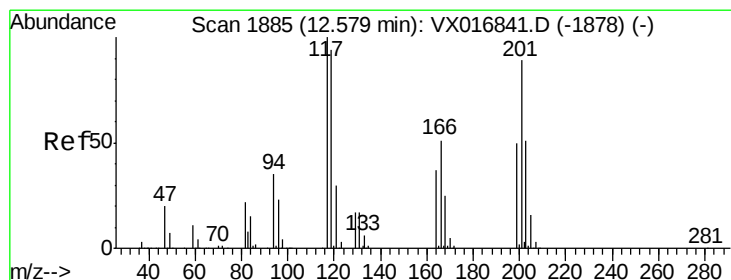
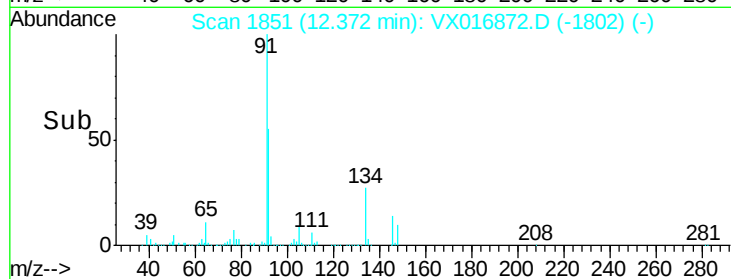
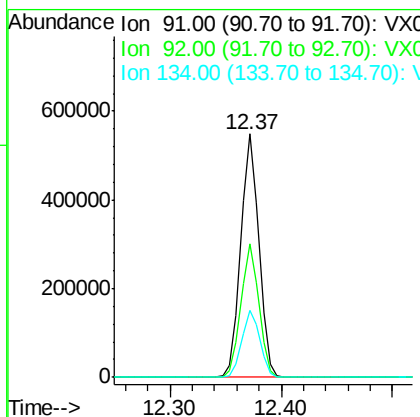
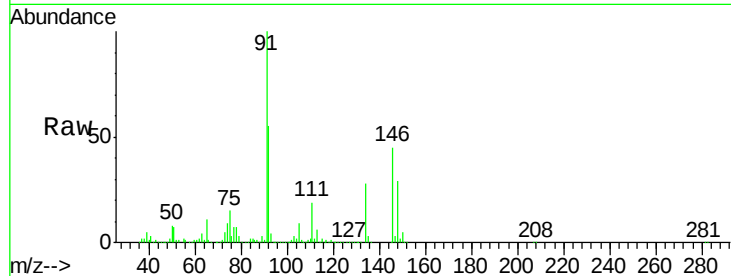
#89
n-Butylbenzene
Concen: 55.035 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	27.5	13.9	41.6

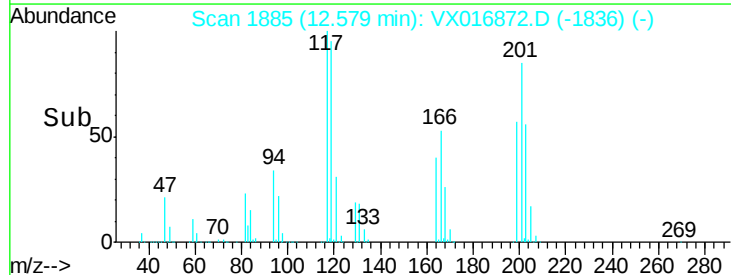
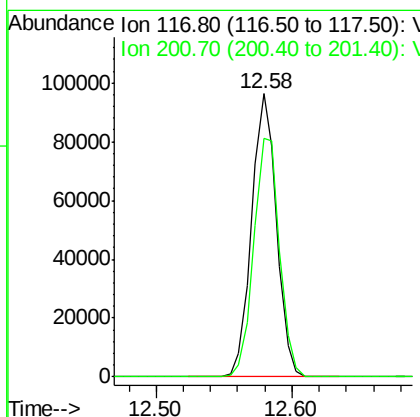
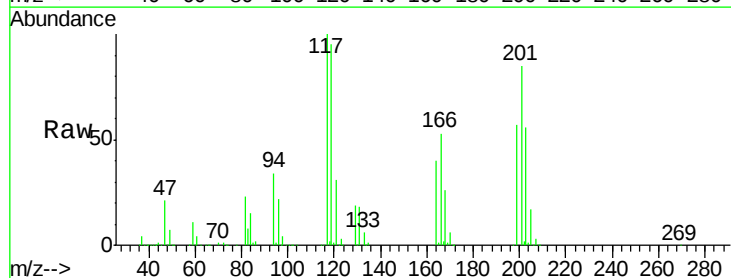
Manual Integrations
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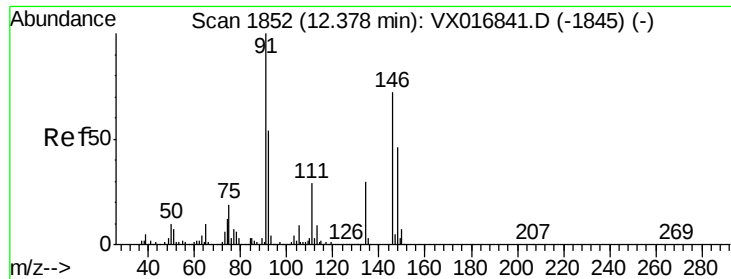
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#90
Hexachloroethane
Concen: 52.493 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.9	134.5





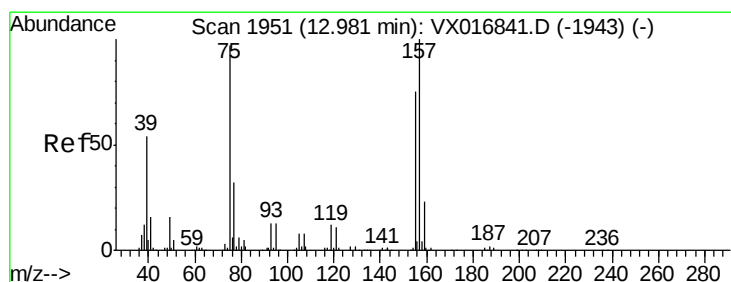
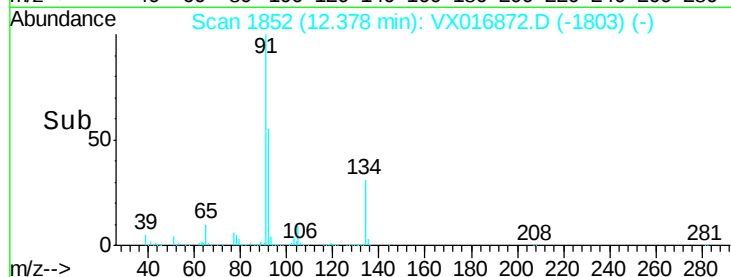
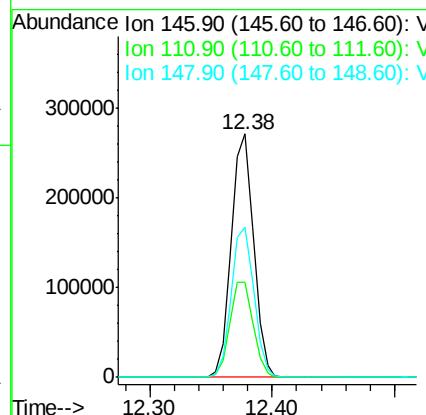
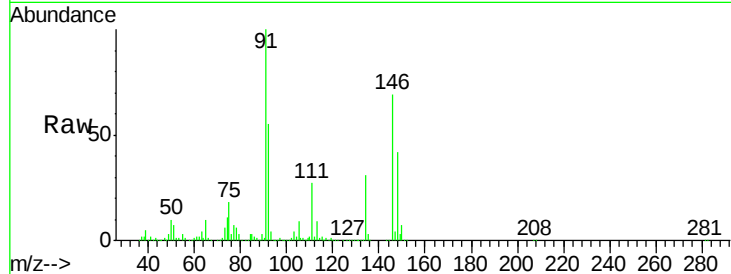
#91
 1,2-Dichlorobenzene
 Concen: 49.265 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	341225		
111	40.9	20.9	62.7	
148	62.5	32.9	98.6	

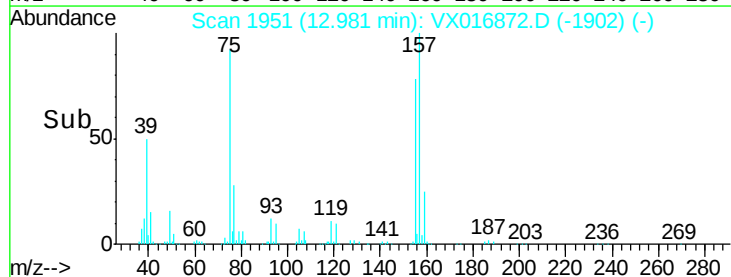
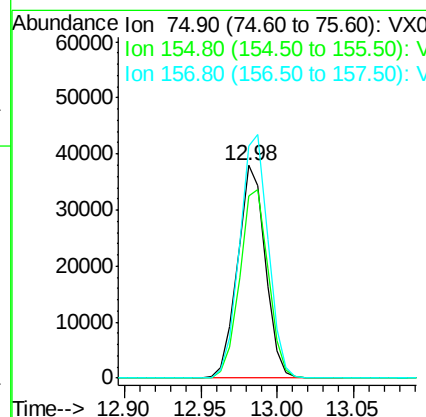
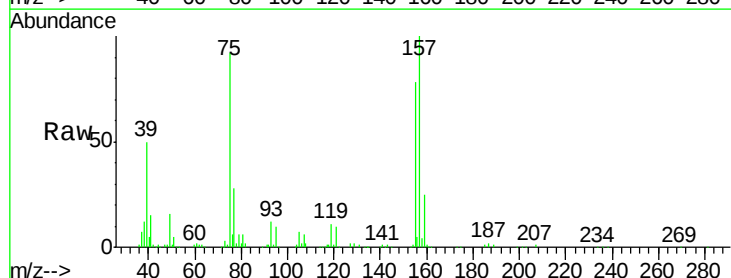
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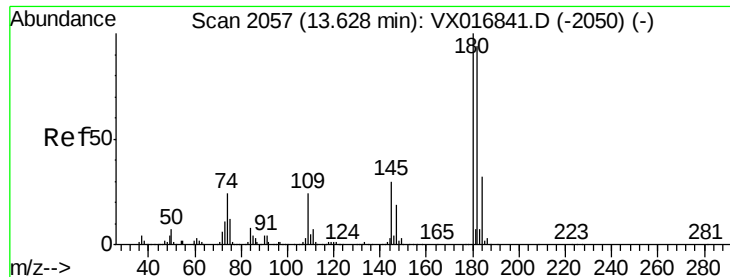
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.394 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47620		
155	91.0	46.4	139.1	
157	117.9	58.6	175.8	





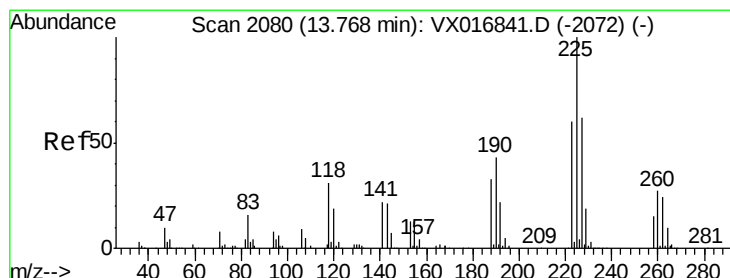
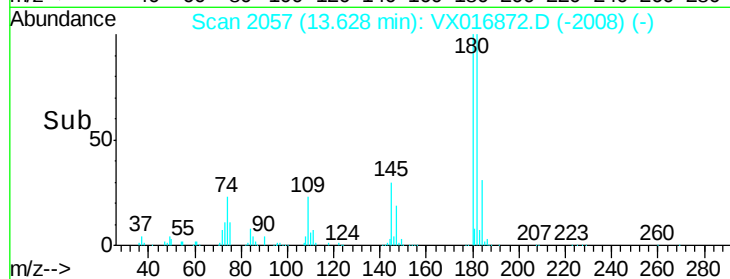
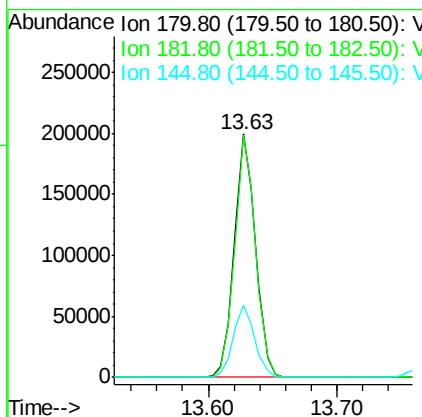
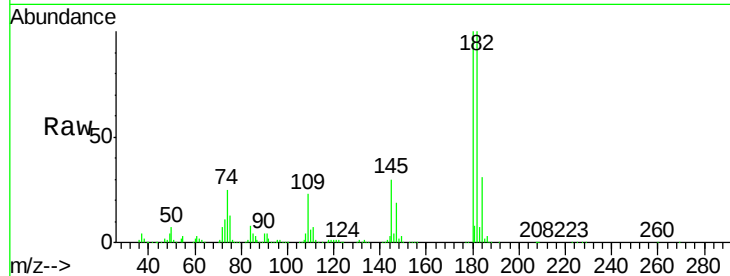
#93
 1,2,4-Trichlorobenzene
 Concen: 49.251 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	229066		
182	97.9	47.7	143.1	
145	30.1	15.0	45.1	

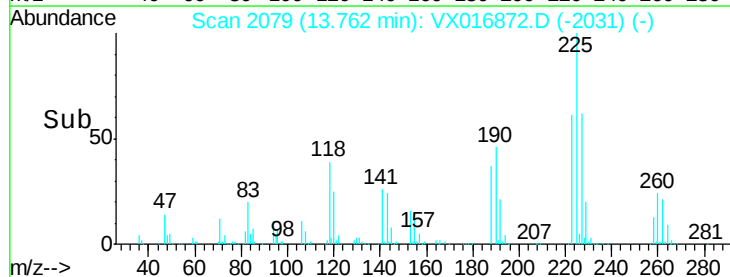
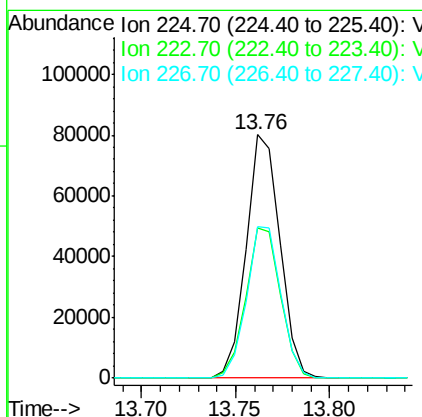
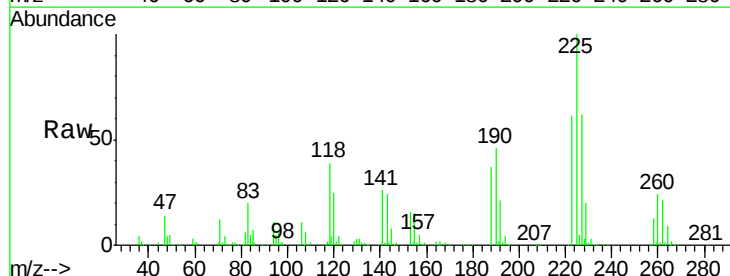
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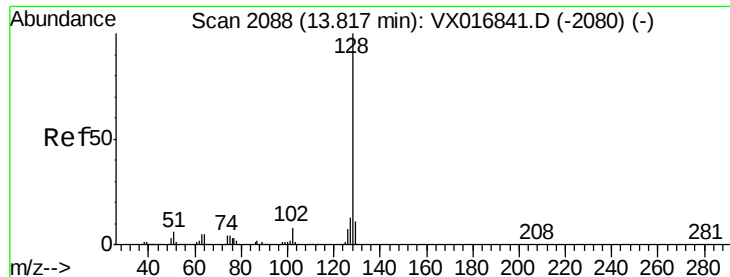
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#94
 Hexachlorobutadiene
 Concen: 47.349 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016872.D
 Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99374		
223	63.2	32.1	96.5	
227	63.4	32.3	96.8	





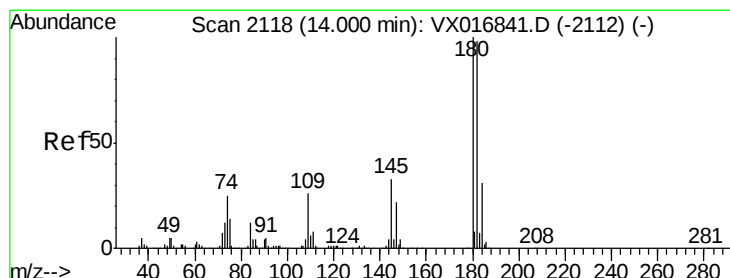
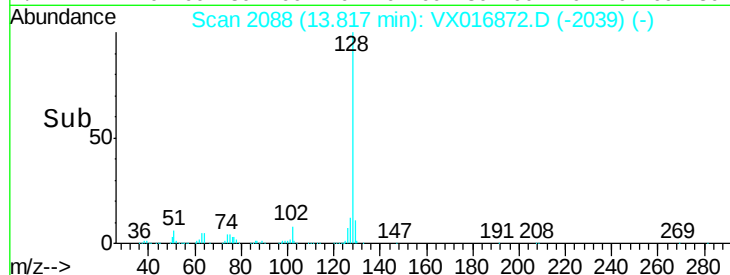
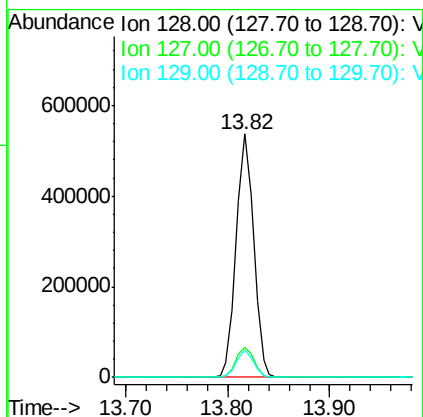
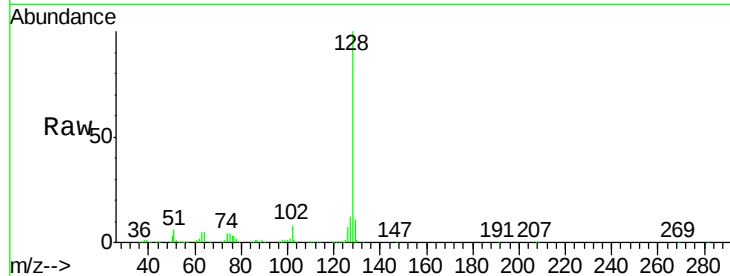
#95
Naphthalene
Concen: 46.395 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.586 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016872.D
Acq: 19 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.3
145	32.3	16.0	48.0

