

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019566.D
 Acq On : 23 Nov 2020 21:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:32 PM

Quant Time: Nov 24 05:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	285586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179764	48.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.10%
35) Dibromofluoromethane	5.46	113	147814	49.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.88%
50) Toluene-d8	8.70	98	554626	47.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.48%
62) 4-Bromofluorobenzene	11.12	95	203817	48.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.52%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	135606	48.828	ug/l 100
3) Chloromethane	1.31	50	140268	44.014	ug/l 98
4) Vinyl Chloride	1.39	62	162782	47.450	ug/l 97
5) Bromomethane	1.62	94	56070	43.150	ug/l 100
6) Chloroethane	1.69	64	36949	43.676	ug/l 99
7) Trichlorofluoromethane	1.89	101	242009	48.876	ug/l 100
8) Diethyl Ether	2.17	74	99752	50.303	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134921	48.842	ug/l 99
10) Methyl Iodide	2.48	142	183428	50.545	ug/l 99
11) Tert butyl alcohol	3.06	59	179724	256.467	ug/l 100
12) 1,1-Dichloroethene	2.34	96	138429	48.824	ug/l 98
13) Acrolein	2.28	56	99155	210.496	ug/l 100
14) Allyl chloride	2.70	41	209116	47.081	ug/l 98
15) Acrylonitrile	3.12	53	409007	247.484	ug/l 99
16) Acetone	2.43	43	322938	225.521	ug/l 99
17) Carbon Disulfide	2.54	76	341469	44.830	ug/l 99
18) Methyl Acetate	2.75	43	172608	49.172	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	518214	52.950	ug/l 98
20) Methylene Chloride	2.83	84	167512	46.803	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	157489	49.026	ug/l 99
22) Diisopropyl ether	3.83	45	465412	50.652	ug/l 92
23) Vinyl Acetate	3.79	43	1990986	258.329	ug/l 99
24) 1,1-Dichloroethane	3.67	63	280354	49.884	ug/l 99
25) 2-Butanone	4.64	43	515905	239.835	ug/l 98
26) 2,2-Dichloropropane	4.54	77	216640	44.162	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	190347	51.585	ug/l 99
28) Bromochloromethane	4.98	49	118632	44.150	ug/l 96
29) Tetrahydrofuran	5.10	42	334509	243.724	ug/l 98
30) Chloroform	5.17	83	300171	51.078	ug/l 97
31) Cyclohexane	5.54	56	230453	47.851	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	261773	51.856	ug/l 99
36) 1,1-Dichloropropene	5.76	75	216994	48.598	ug/l 100
37) Ethyl Acetate	4.80	43	209313	49.934	ug/l 99
38) Carbon Tetrachloride	5.75	117	220713	51.069	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	241992	46.547	ug/l	100
40) Benzene	6.11	78	668705	48.744	ug/l	100
41) Methacrylonitrile	5.01	41	111085	48.057	ug/l	98
42) 1,2-Dichloroethane	6.16	62	232516	49.448	ug/l	99
43) Isopropyl Acetate	6.42	43	343910	48.807	ug/l	99
44) Trichloroethene	7.18	130	196953	54.808	ug/l	97
45) 1,2-Dichloropropane	7.49	63	165679	49.056	ug/l	99
46) Dibromomethane	7.63	93	115539	49.984	ug/l	99
47) Bromodichloromethane	7.87	83	226273	50.446	ug/l	96
48) Methyl methacrylate	7.74	41	166583	50.480	ug/l	99
49) 1,4-Dioxane	7.72	88	79260	1057.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1018396	247.849	ug/l	99
52) Toluene	8.76	92	413694	49.293	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	244503	50.473	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	268735	49.989	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	169035	49.455	ug/l	98
56) Ethyl methacrylate	9.16	69	255096	52.745	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283514	49.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	661599	233.456	ug/l	98
59) 2-Hexanone	9.48	43	775034	248.703	ug/l	99
60) Dibromochloromethane	9.56	129	173462	51.813	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177716	50.442	ug/l	99
64) Tetrachloroethene	9.32	164	150219	45.844	ug/l	96
65) Chlorobenzene	10.12	112	421902	49.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	162923	52.260	ug/l	98
67) Ethyl Benzene	10.23	91	773098	51.489	ug/l	100
68) m/p-Xylenes	10.34	106	576133	102.993	ug/l	99
69) o-Xylene	10.68	106	282658	52.859	ug/l	98
70) Styrene	10.70	104	476985	48.248	ug/l	100
71) Bromoform	10.84	173	123502	46.998	ug/l	98
73) Isopropylbenzene	11.00	105	732890	53.015	ug/l	99
74) N-amyl acetate	10.88	43	291412	56.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262119	53.021	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229085m	52.529	ug/l	
77) Bromobenzene	11.24	156	186887	52.956	ug/l	98
78) n-propylbenzene	11.34	91	823343	51.916	ug/l	100
79) 2-Chlorotoluene	11.40	91	504686	52.473	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	617021	53.206	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	80171	49.681	ug/l	100
82) 4-Chlorotoluene	11.49	91	589000	52.021	ug/l	100
83) tert-Butylbenzene	11.76	119	614425	54.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	636957	54.284	ug/l	99
85) sec-Butylbenzene	11.93	105	680436	50.979	ug/l	100
86) p-Isopropyltoluene	12.05	119	628002	51.823	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338383	52.210	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	328074	49.142	ug/l	97
89) n-Butylbenzene	12.37	91	531292	48.495	ug/l	98
90) Hexachloroethane	12.58	117	109217	53.860	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	335911	51.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56584	56.104	ug/l	99

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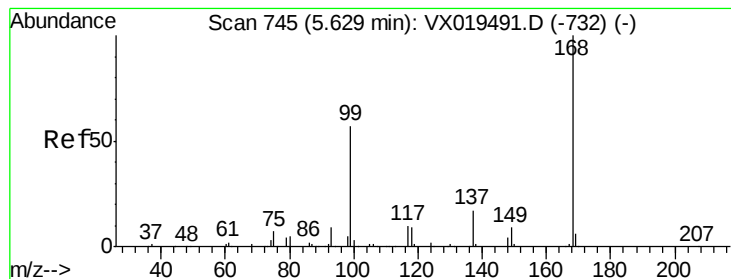
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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QLast Update : Sat Nov 21 01:57:45 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213787	51.155	ug/l	98
94) Hexachlorobutadiene	13.76	225	84930	44.611	ug/l	97
95) Naphthalene	13.82	128	752205	50.987	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211008	50.477	ug/l	98

(#) = 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: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 285586

Ion Ratio Lower Upper

168 100

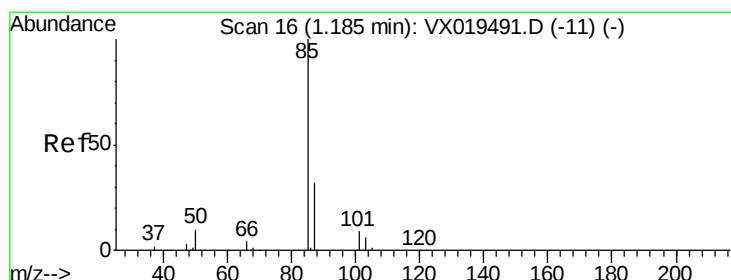
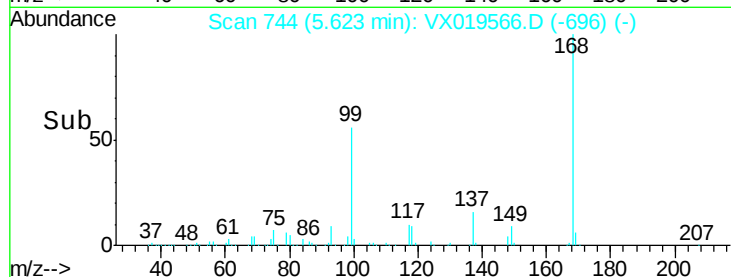
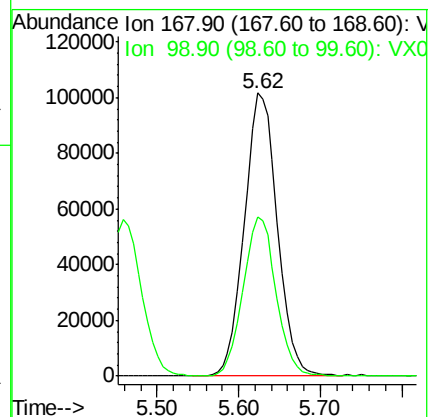
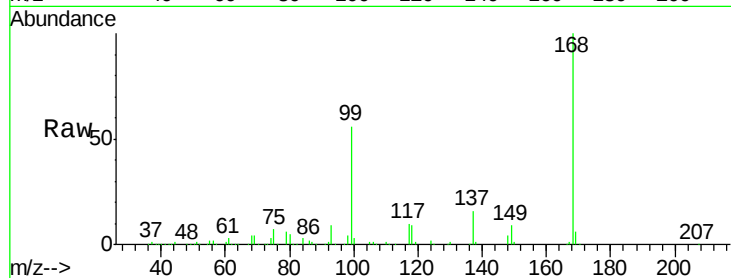
99 56.0 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.828 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019566.D

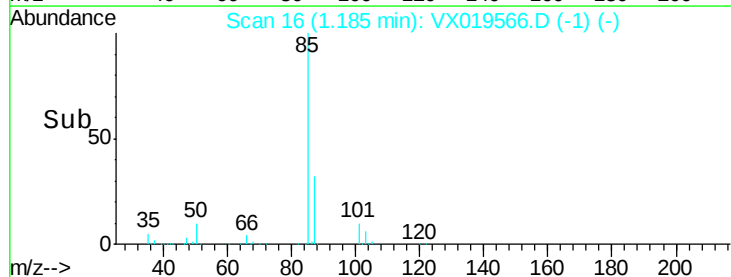
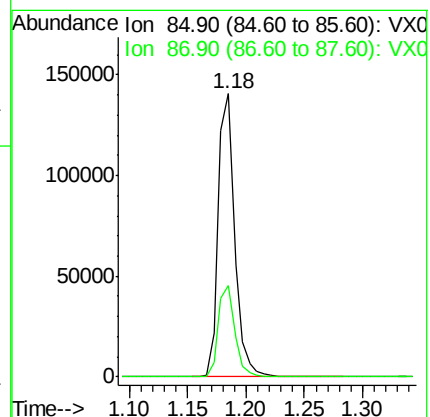
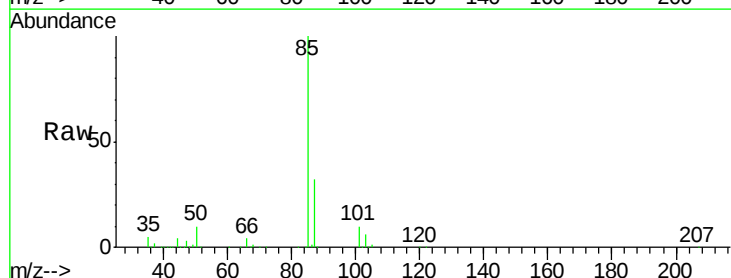
Acq: 23 Nov 2020 21:42

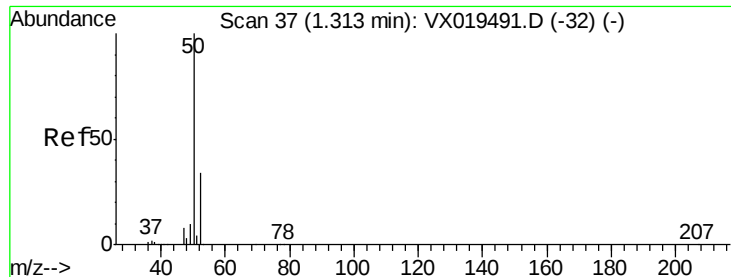
Tgt Ion: 85 Resp: 135606

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9





#3

Chloromethane

Concen: 44.014 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 140268

Ion Ratio Lower Upper

50 100

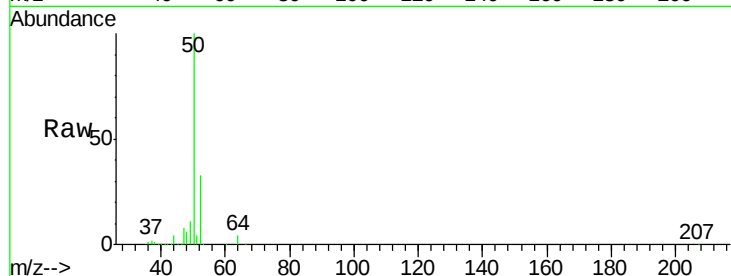
52 32.6 27.0 40.6

Manual Integrations

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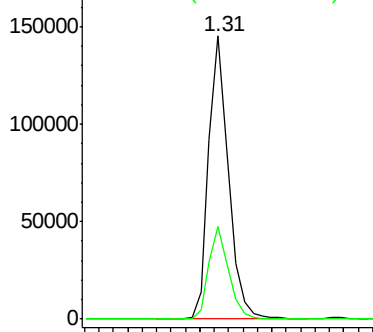
MMDadoda

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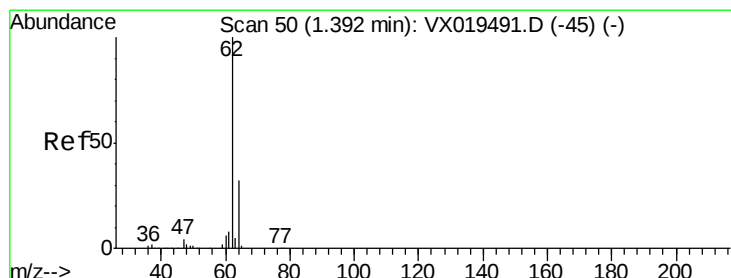
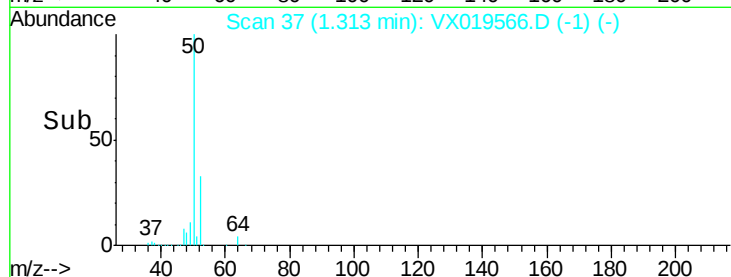


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 47.450 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019566.D

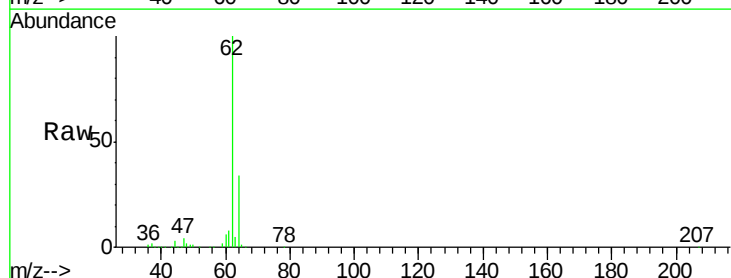
Acq: 23 Nov 2020 21:42

Tgt Ion: 62 Resp: 162782

Ion Ratio Lower Upper

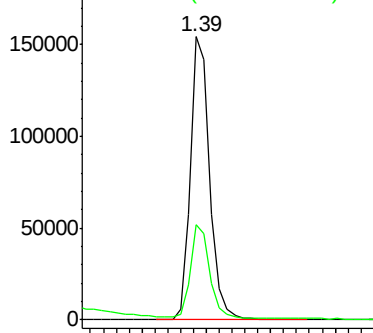
62 100

64 33.3 25.4 38.2

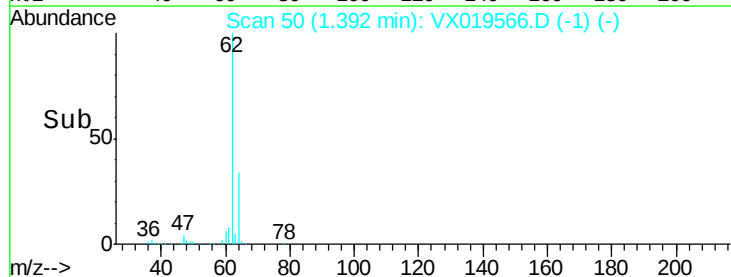


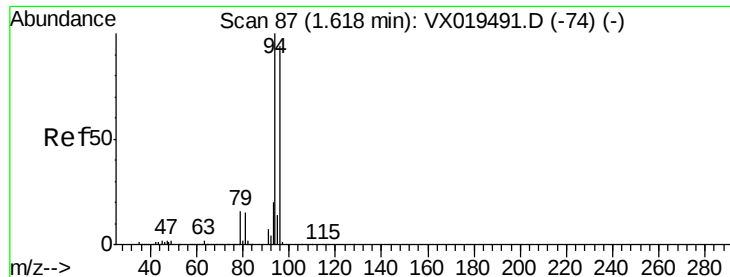
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 43.150 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 56070

Ion Ratio Lower Upper

94 100

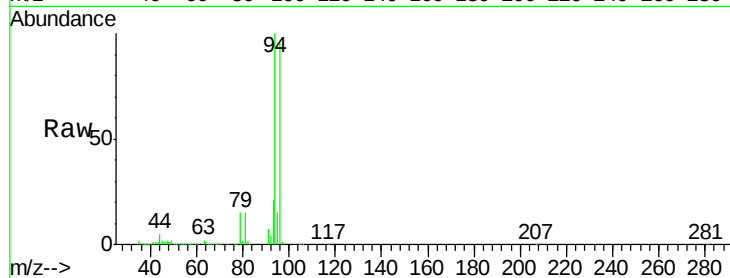
96 94.6 75.6 113.4

Manual Integrations

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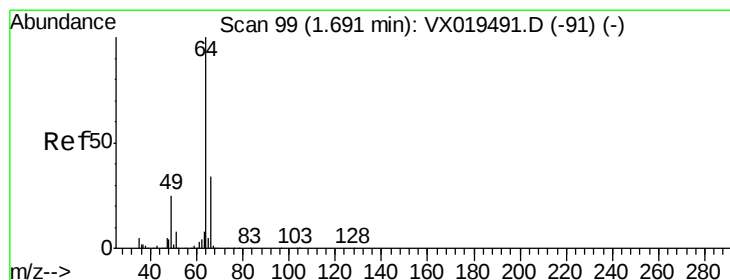
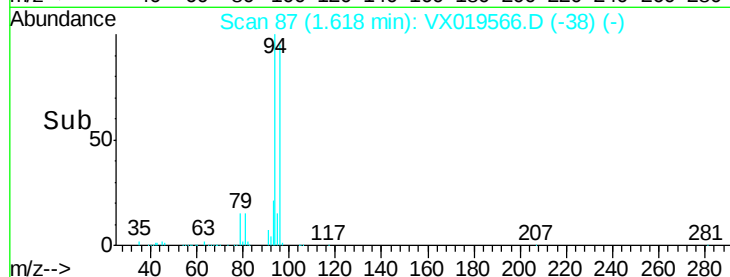
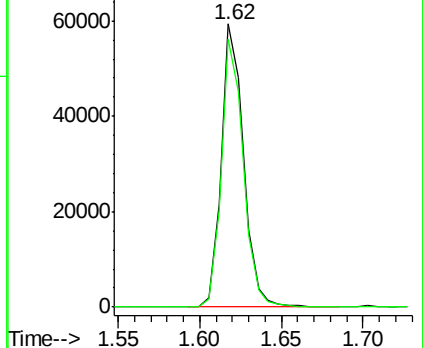
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.676 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019566.D

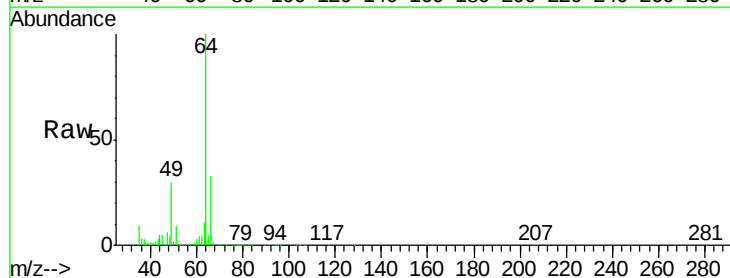
Acq: 23 Nov 2020 21:42

Tgt Ion: 64 Resp: 36949

Ion Ratio Lower Upper

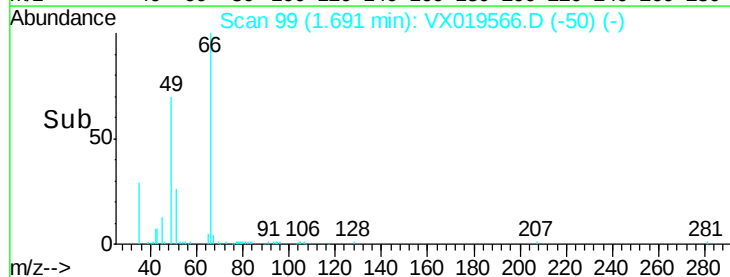
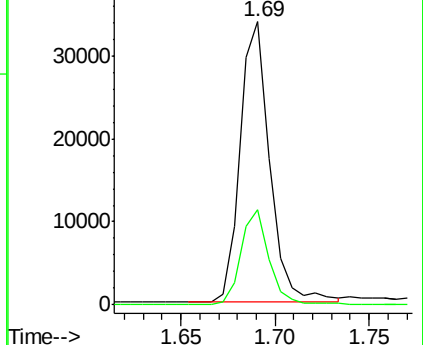
64 100

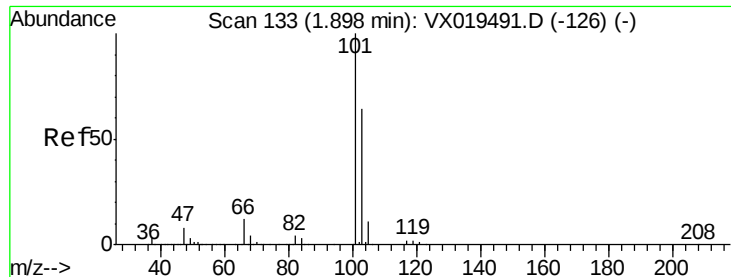
66 33.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

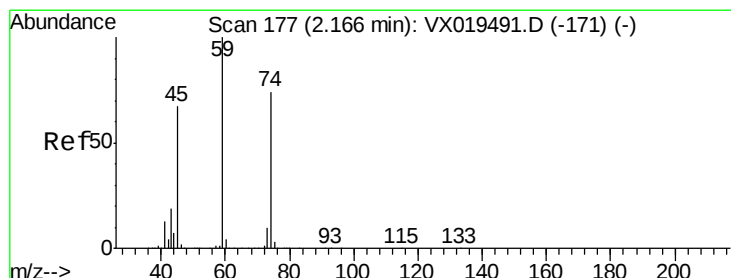
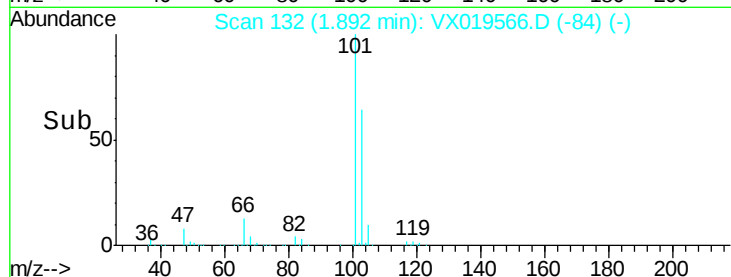
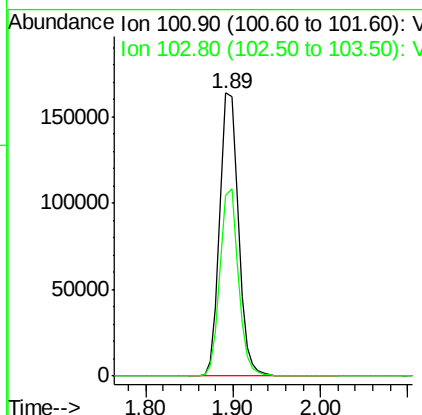
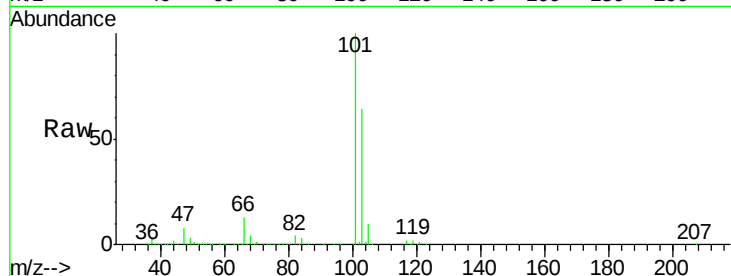
Trichlorofluoromethane
 Concen: 48.876 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

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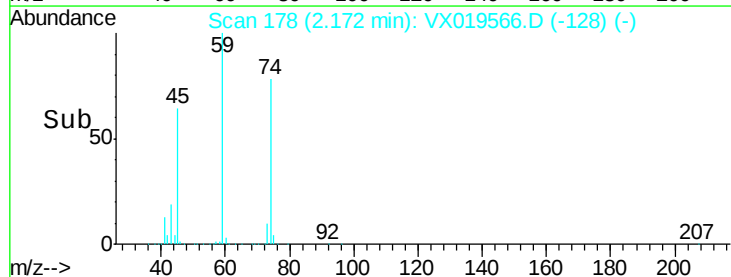
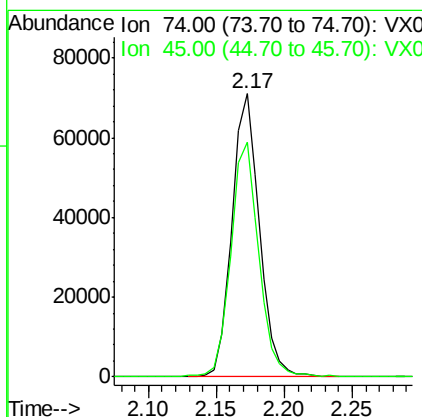
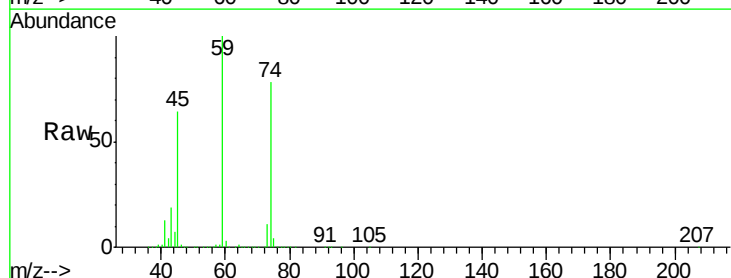
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 11/24/2020 1:09:32 PM

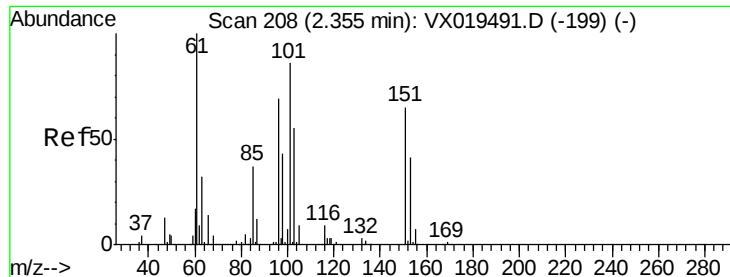


#8

Diethyl Ether
 Concen: 50.303 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.4	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.842 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

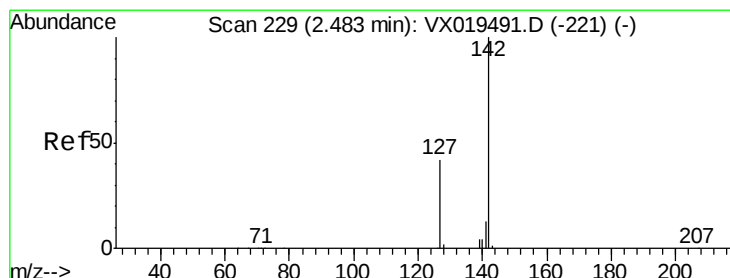
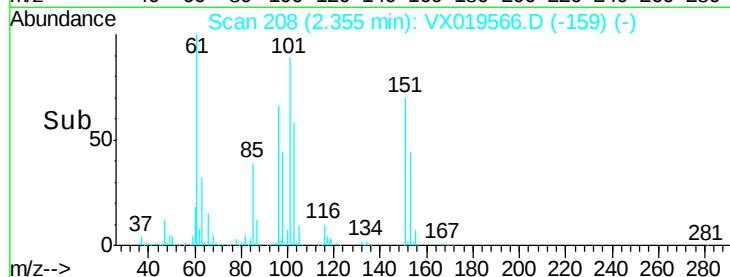
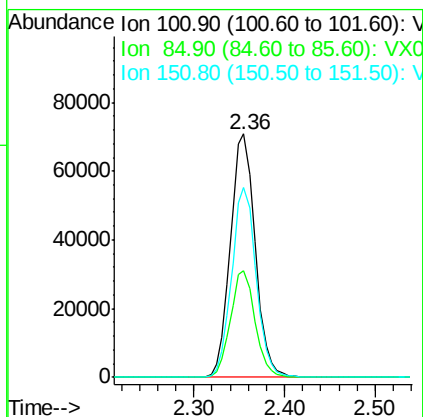
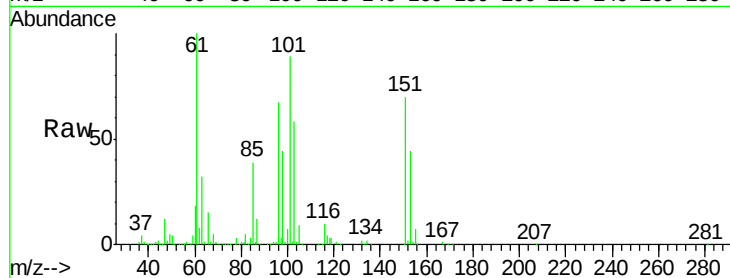
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	134921
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	76.9	60.9	91.3

Manual Integrations
APPROVED

MMDadoda
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#10

Methyl Iodide

Concen: 50.545 ug/l

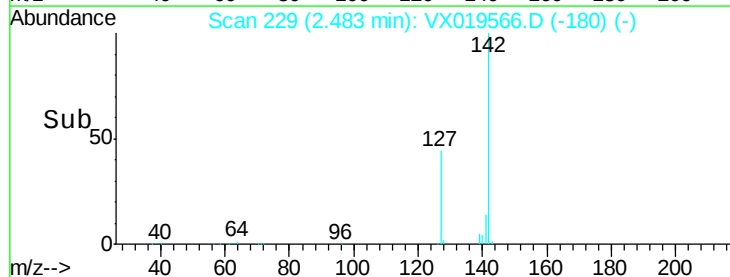
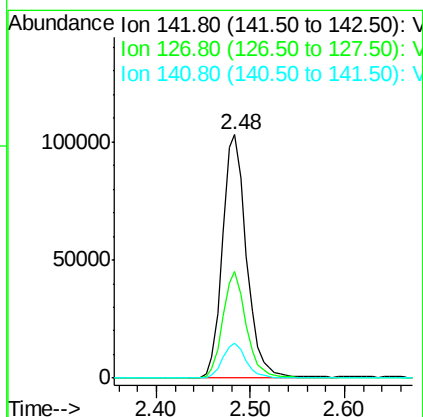
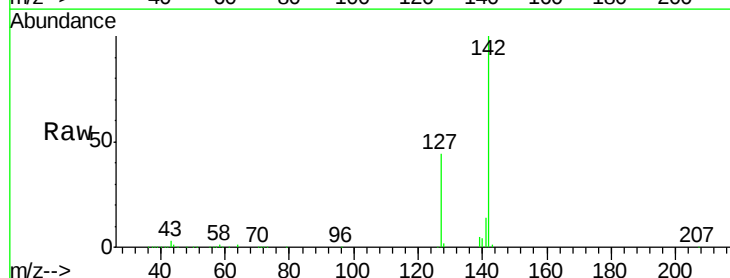
RT: 2.48 min Scan# 229

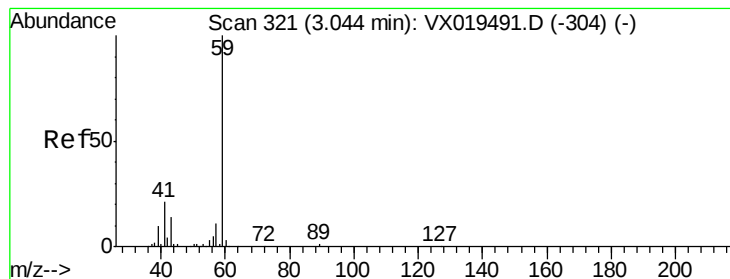
Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion:	142	Resp:	183428
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.8	50.6
141	14.1	11.0	16.6





#11

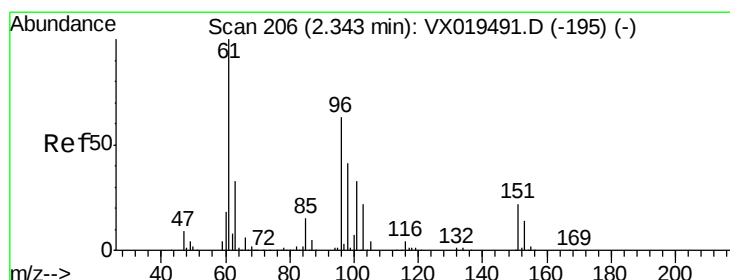
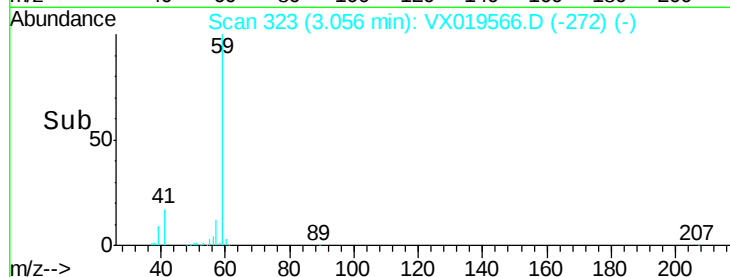
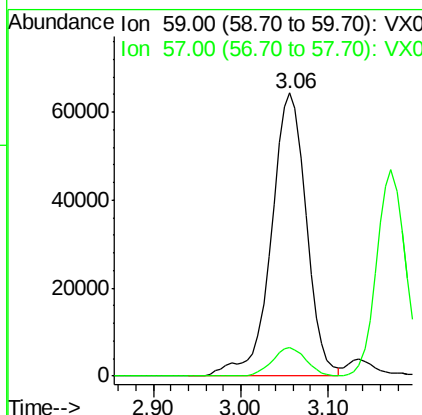
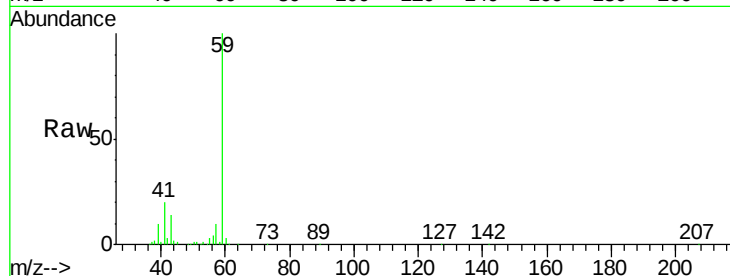
Tert butyl alcohol
Concen: 256.467 ug/l
RT: 3.06 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	179724
Ion Ratio	100	Lower	Upper
57	10.0	7.9	11.9

Manual Integrations
APPROVED

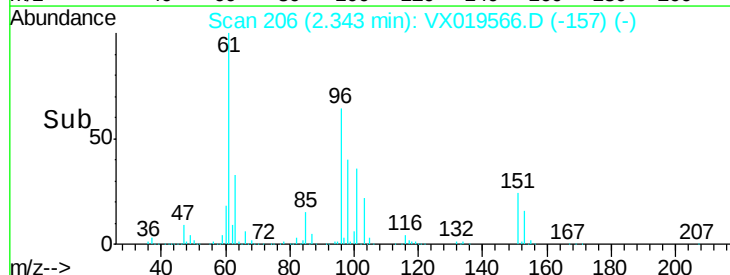
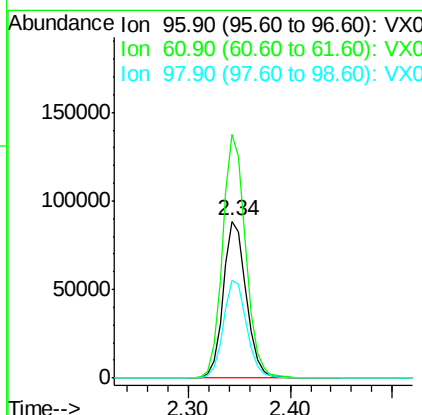
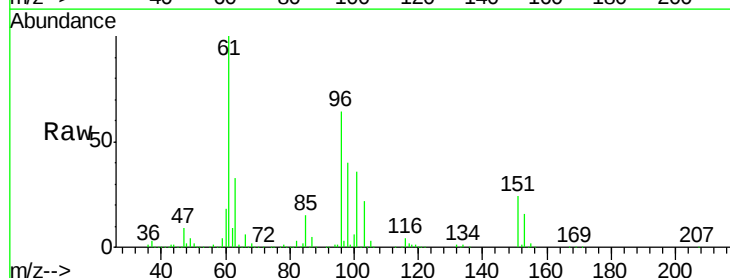
MMDadoda
11/24/2020 1:09:32 PM

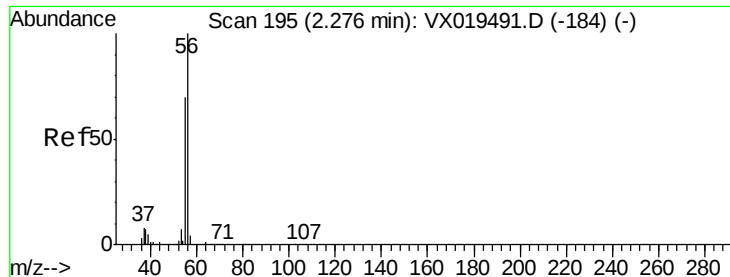


#12

1,1-Dichloroethene
Concen: 48.824 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	96	Resp	138429
Ion Ratio	100	Lower	Upper
61	155.4	126.0	189.0
98	62.0	52.0	78.0





#13

Acrolein

Concen: 210.496 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 99155

Ion Ratio Lower Upper

56 100

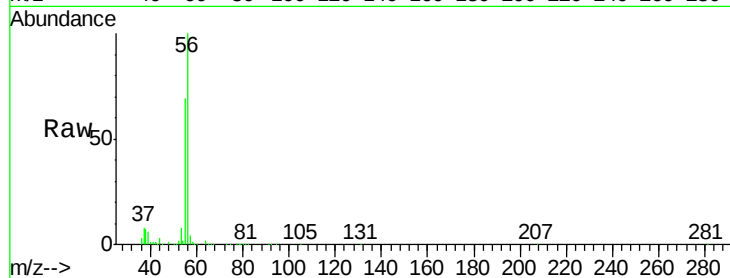
55 69.8 55.5 83.3

Manual Integrations

APPROVED

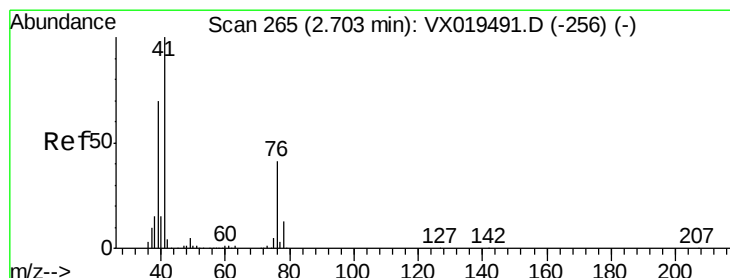
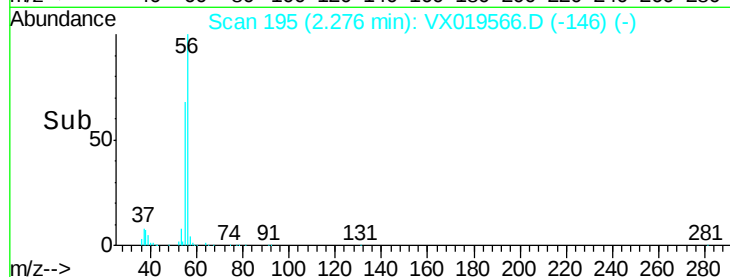
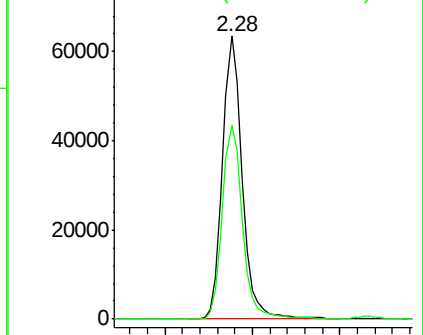
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.081 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

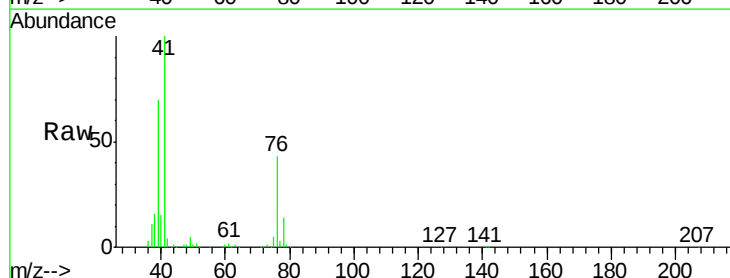
Tgt Ion: 41 Resp: 209116

Ion Ratio Lower Upper

41 100

39 68.2 53.0 79.4

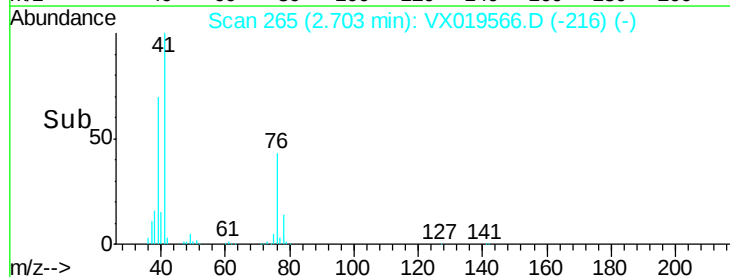
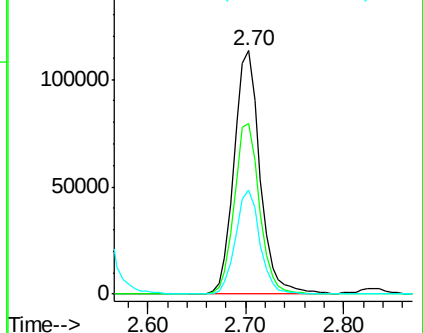
76 40.1 31.0 46.6

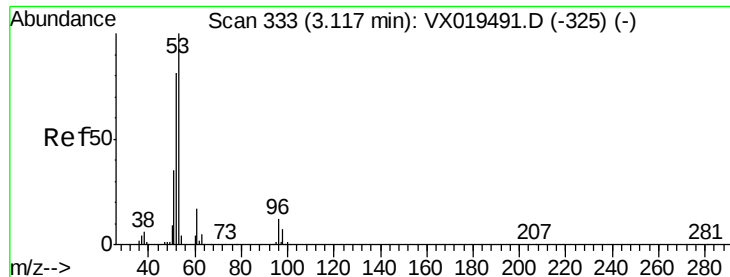


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 247.484 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

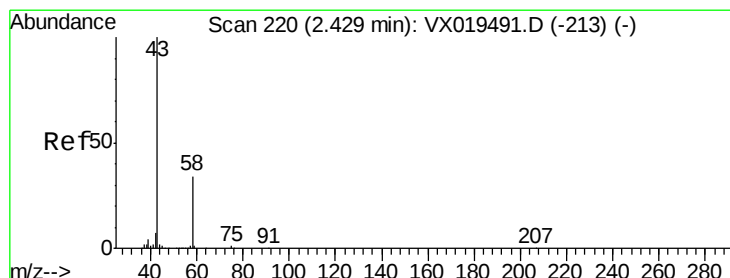
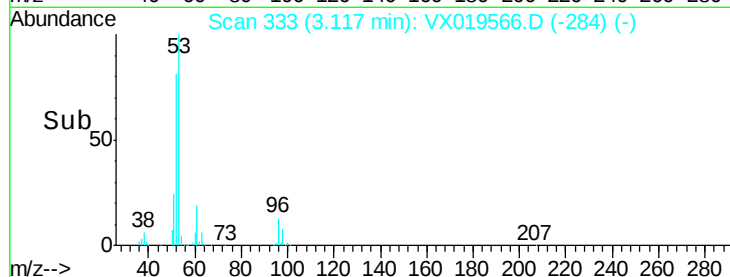
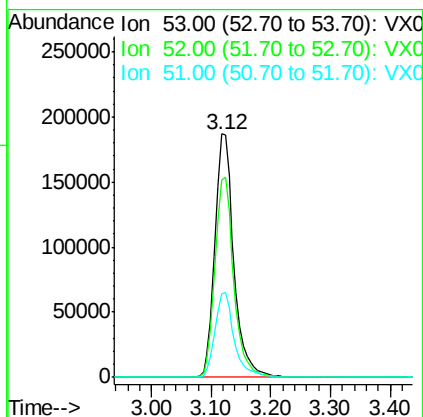
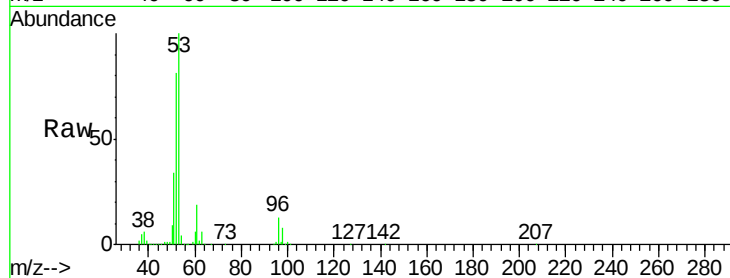
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	409007
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.2	99.2
51	35.2	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
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#16

Acetone

Concen: 225.521 ug/l

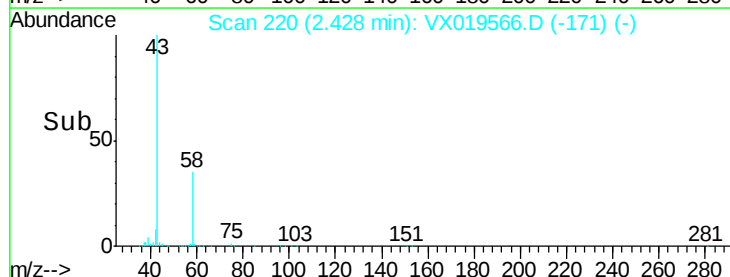
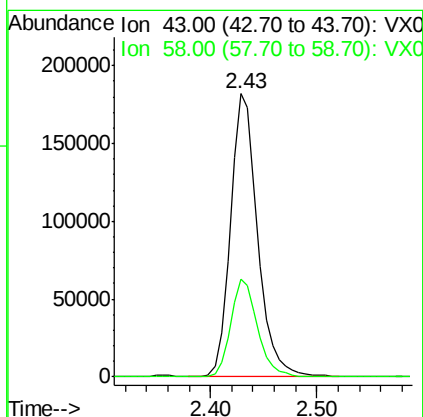
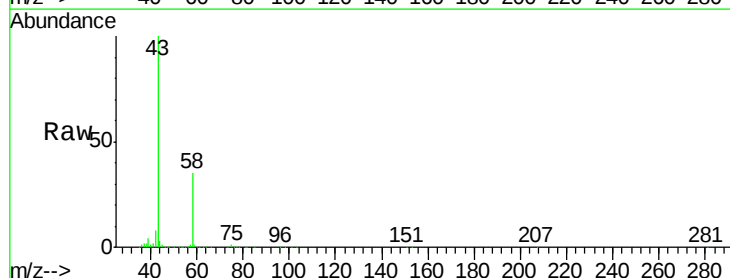
RT: 2.43 min Scan# 220

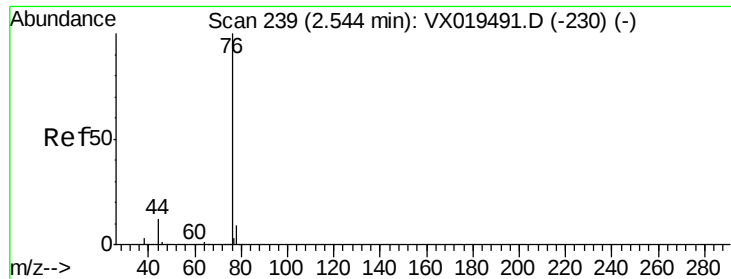
Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion:	43	Resp:	322938
Ion Ratio	Lower	Upper	
43	100		
58	34.7	27.4	41.2





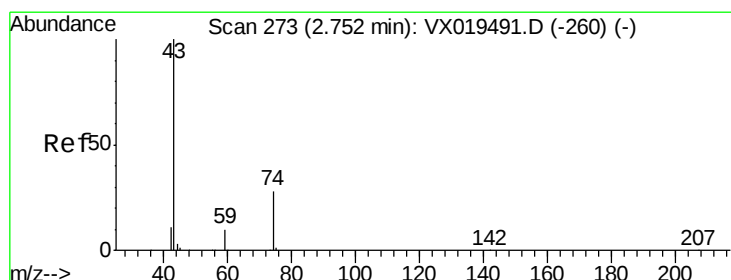
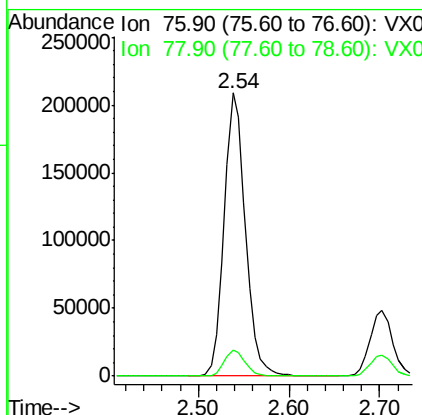
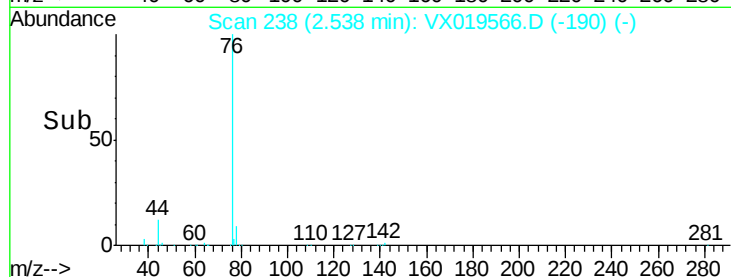
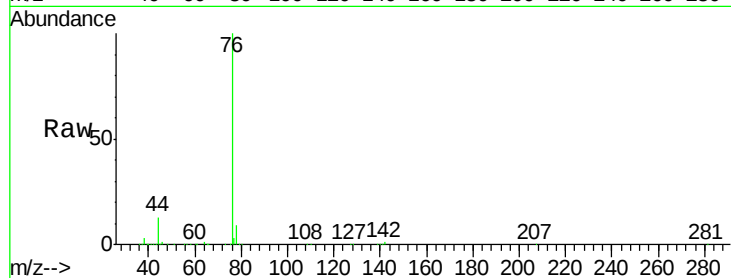
#17
Carbon Disulfide
Concen: 44.830 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

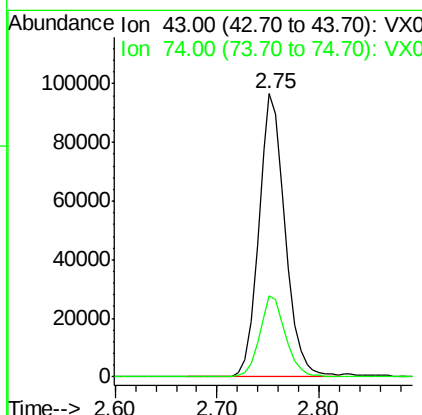
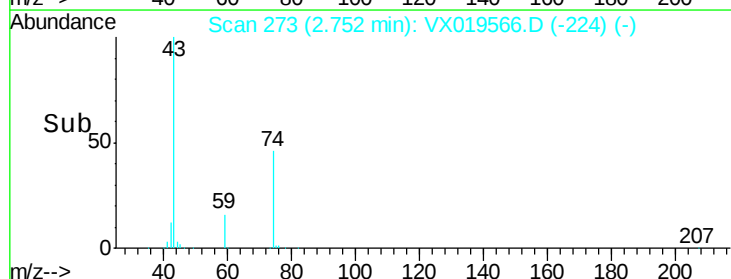
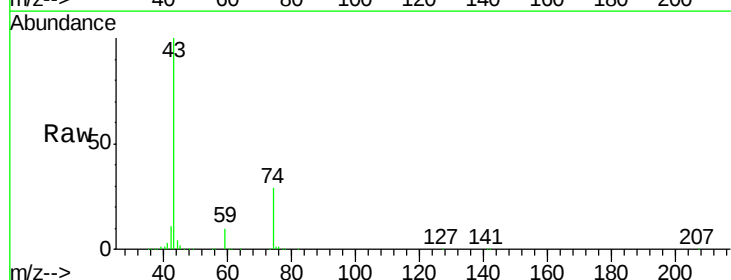
Manual Integrations
APPROVED

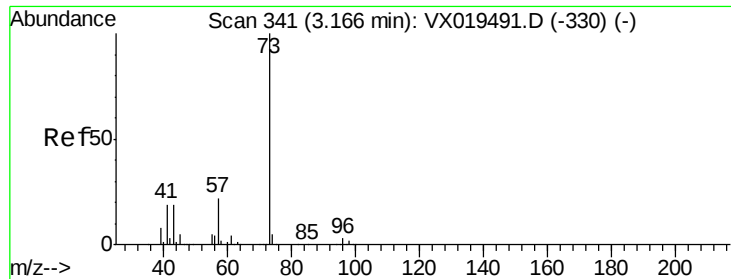
MMDadoda
11/24/2020 1:09:32 PM



#18
Methyl Acetate
Concen: 49.172 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	22.2	33.4





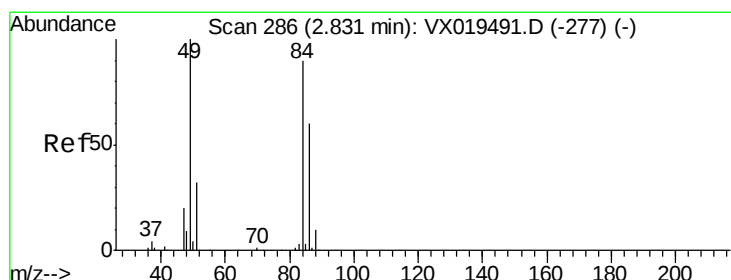
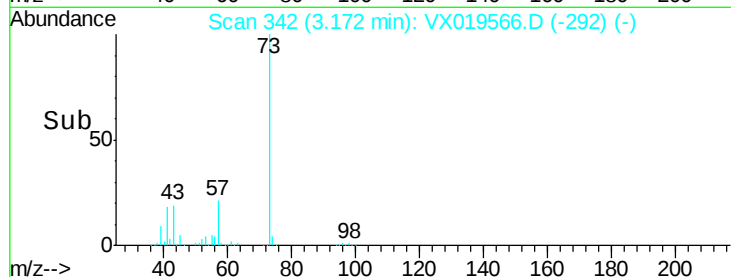
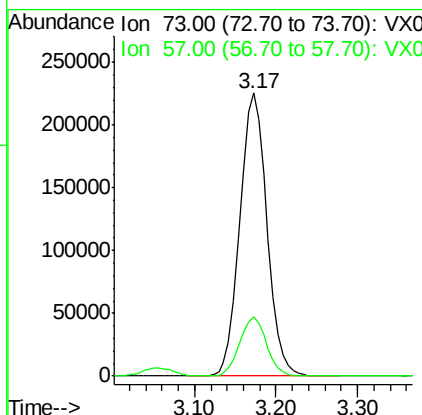
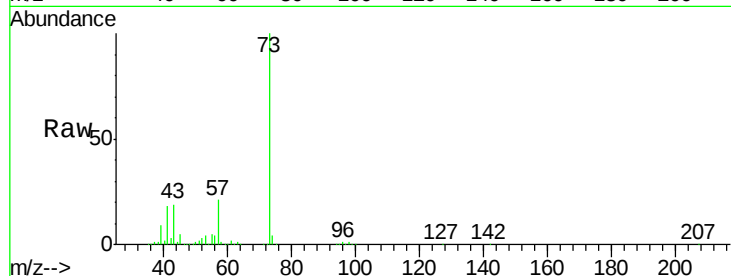
#19
Methvl tert-butvl Ether
Concen: 52.950 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 518214
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

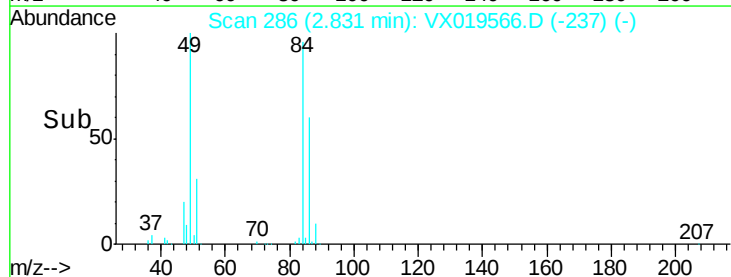
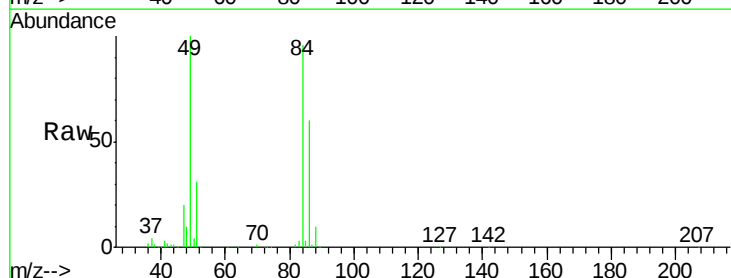
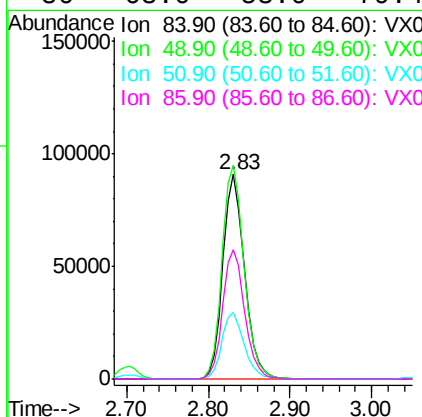
Manual Integrations
APPROVED

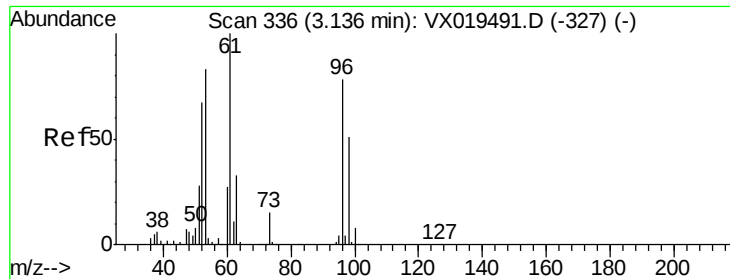
MMDadoda
11/24/2020 1:09:32 PM



#20
Methylene Chloride
Concen: 46.803 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 84 Resp: 167512
Ion Ratio Lower Upper
84 100
49 104.5 88.5 132.7
51 32.9 28.0 42.0
86 63.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.026 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 157489

Ion Ratio Lower Upper

96 100

61 127.8 102.9 154.3

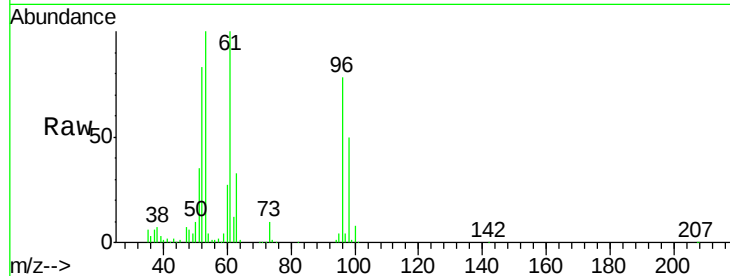
98 64.6 52.1 78.1

Manual Integrations

APPROVED

MMDadoda

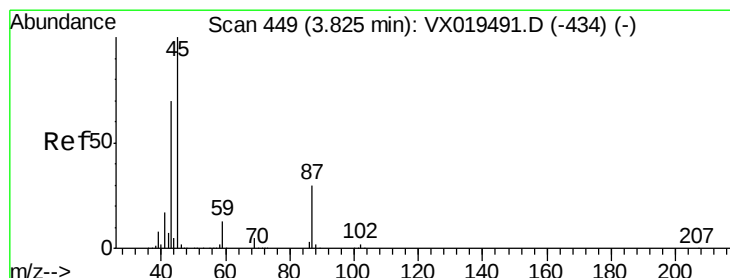
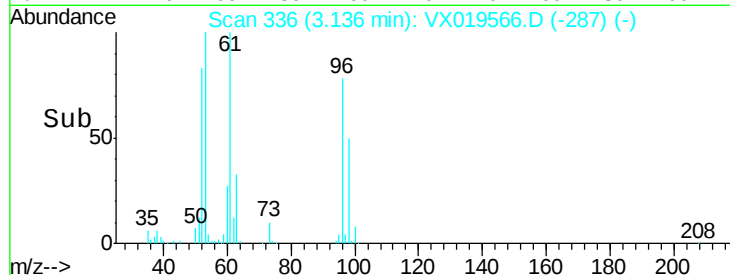
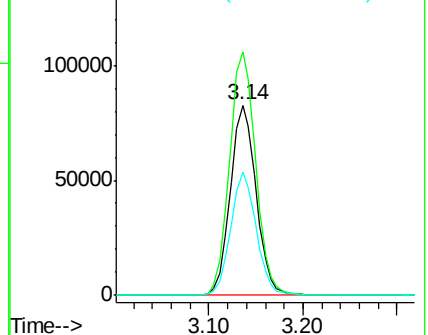
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.652 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion: 45 Resp: 465412

Ion Ratio Lower Upper

45 100

43 61.6 56.1 84.1

87 32.9 24.2 36.2

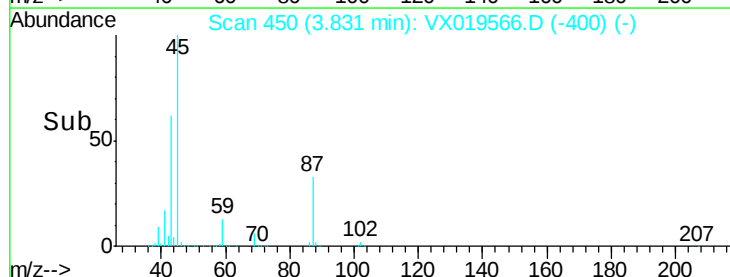
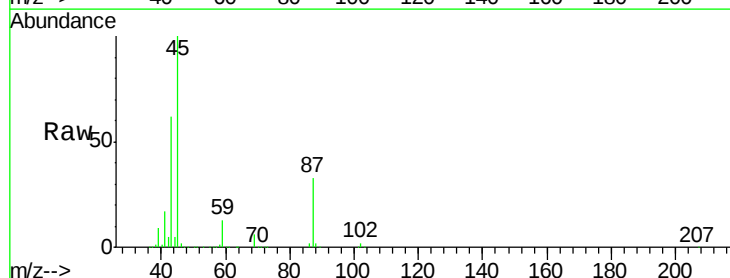
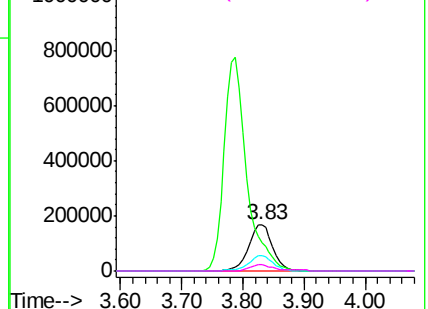
59 13.1 10.2 15.2

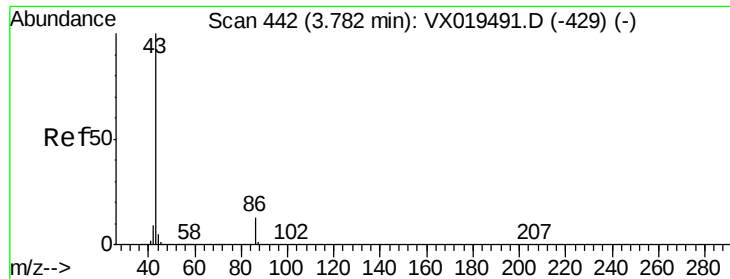
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.329 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1990986

Ion Ratio Lower Upper

43 100

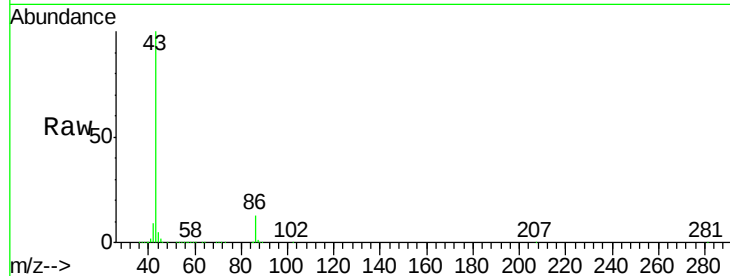
86 13.2 10.2 15.2

Manual Integrations

APPROVED

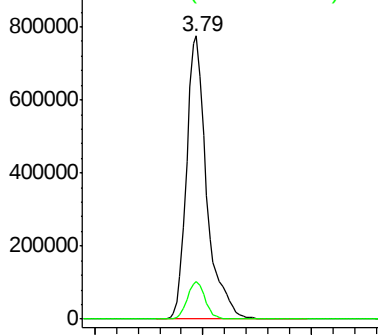
MMDadoda

11/24/2020 1:09:32 PM

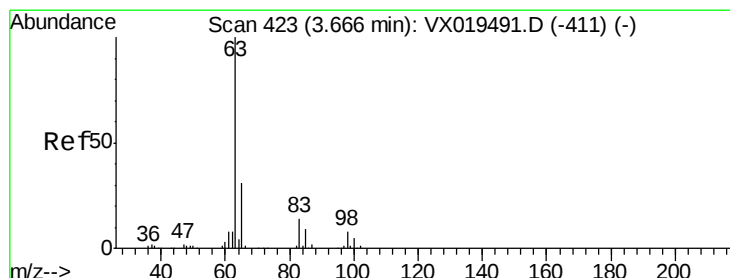
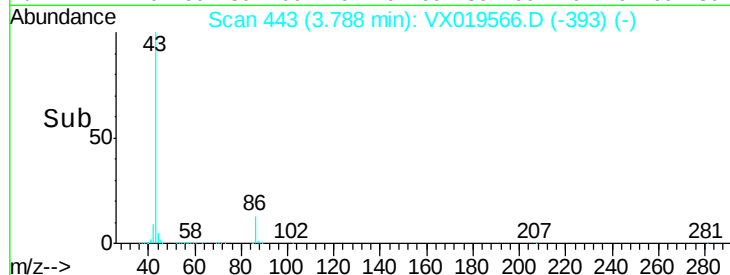


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.884 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

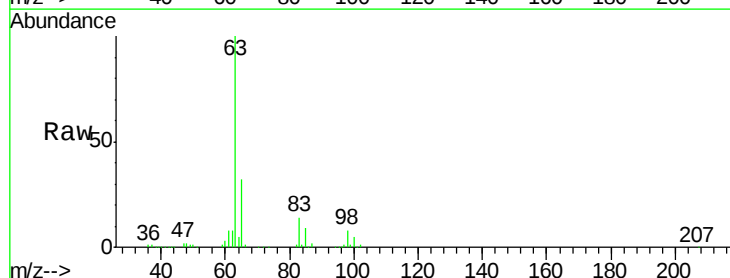
Tgt Ion: 63 Resp: 280354

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

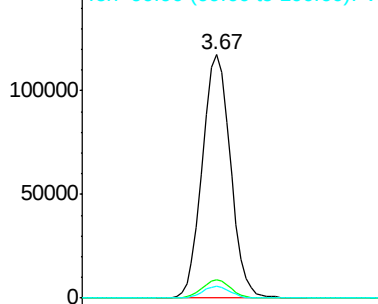
100 4.9 2.4 7.1



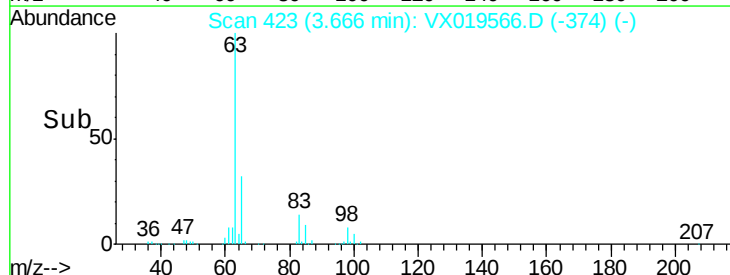
Abundance Ion 62.90 (62.60 to 63.60): VX0

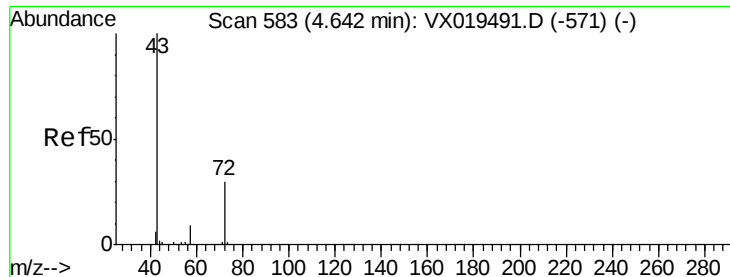
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 239.835 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 515905

Ion Ratio Lower Upper

43 100

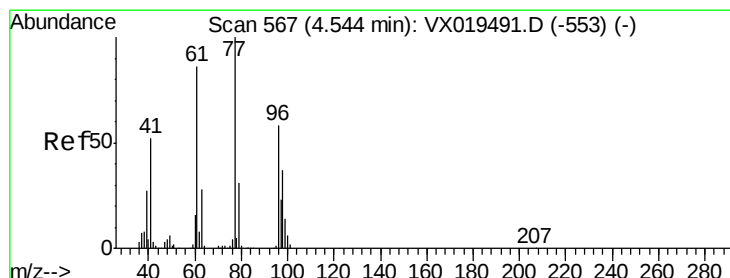
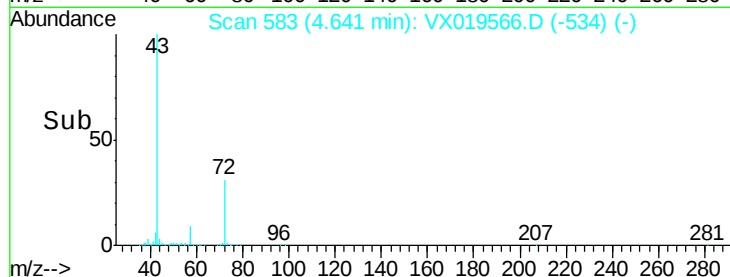
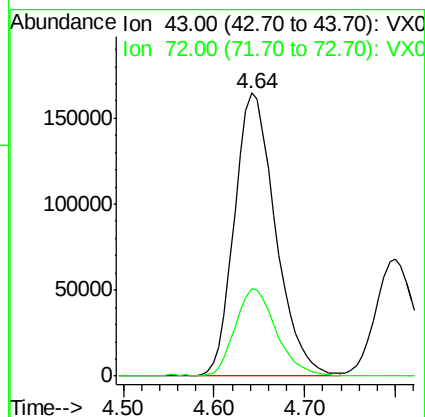
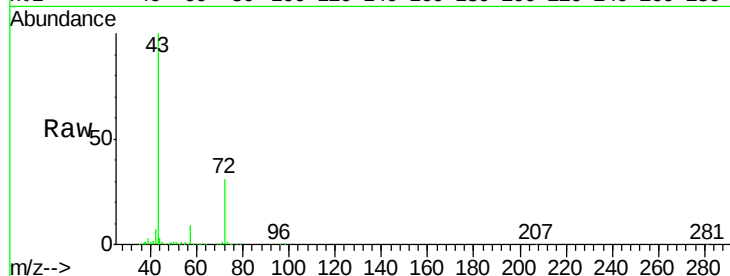
72 30.9 24.0 36.0

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#26

2,2-Dichloropropane

Concen: 44.162 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019566.D

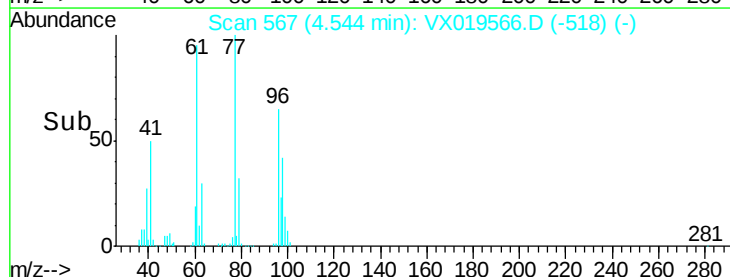
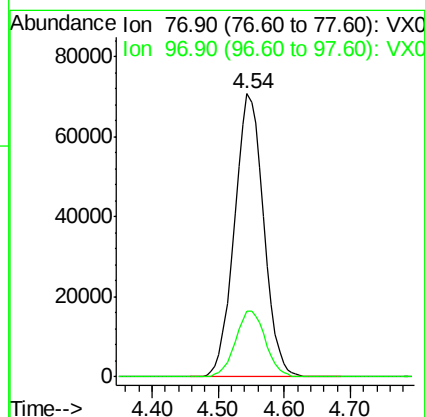
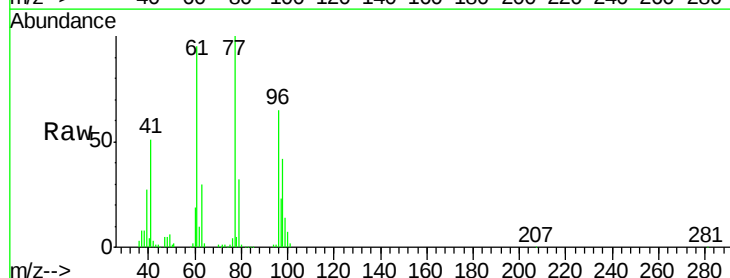
Acq: 23 Nov 2020 21:42

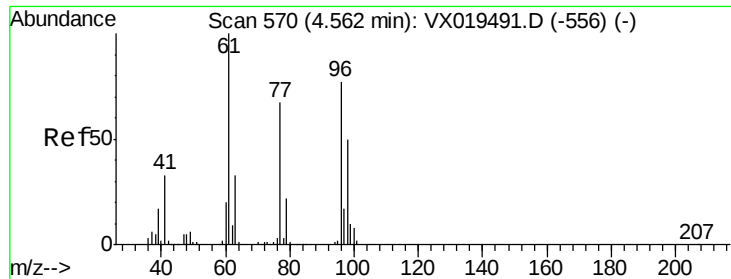
Tgt Ion: 77 Resp: 216640

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

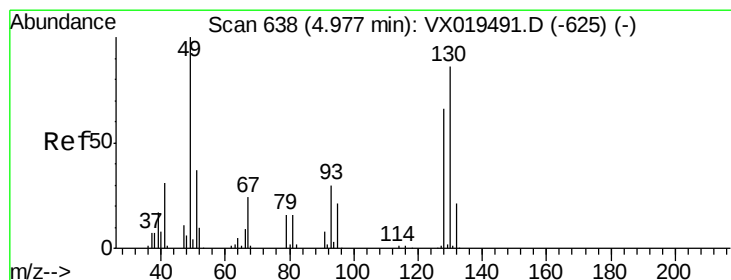
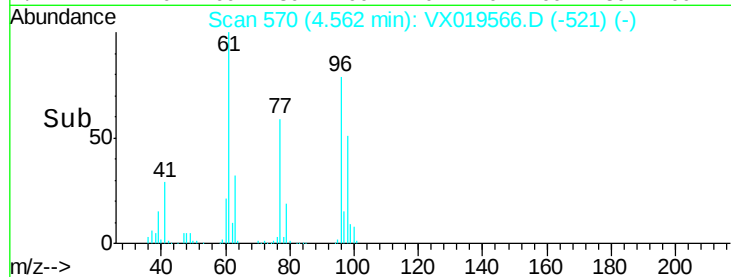
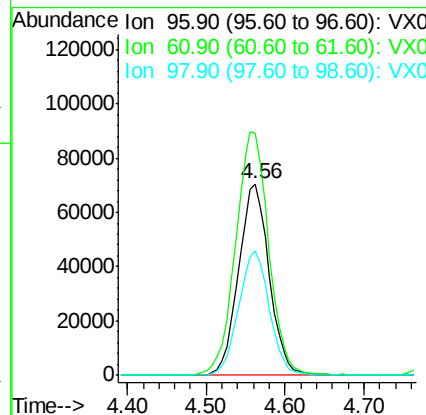
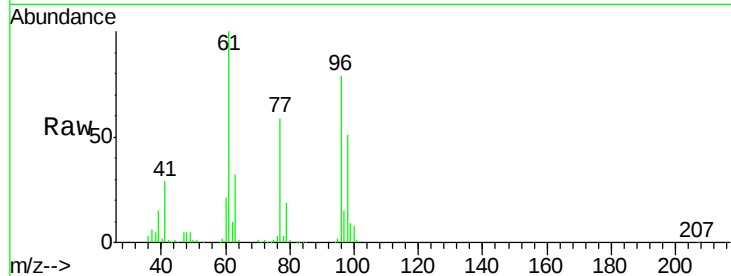
cis-1,2-Dichloroethene
Concen: 51.585 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190347		
61	137.5	0.0	279.2	
98	65.3	0.0	129.8	

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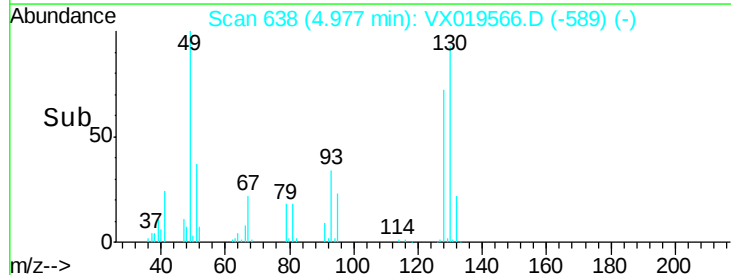
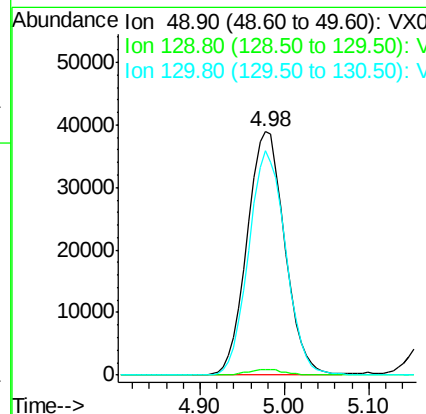
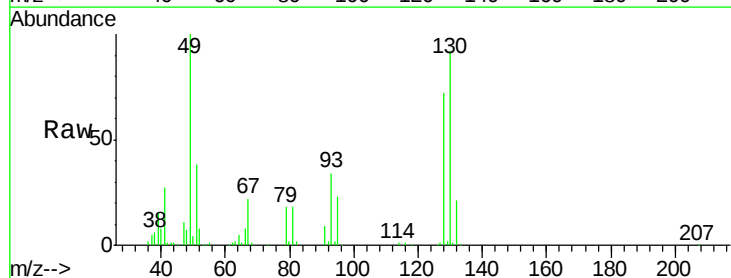
MMDadoda
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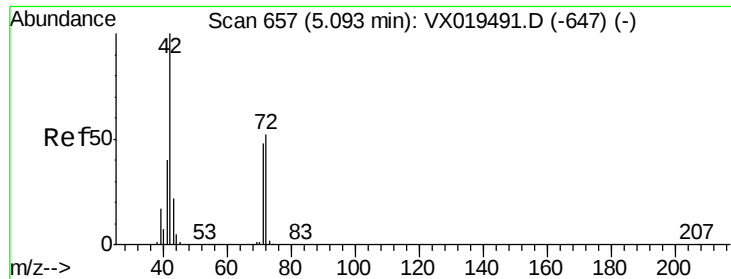


#28

Bromochloromethane
Concen: 44.150 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	118632		
129	2.3	0.0	4.2	
130	90.4	69.0	103.6	





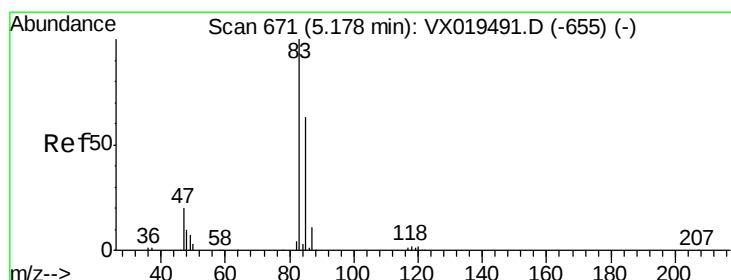
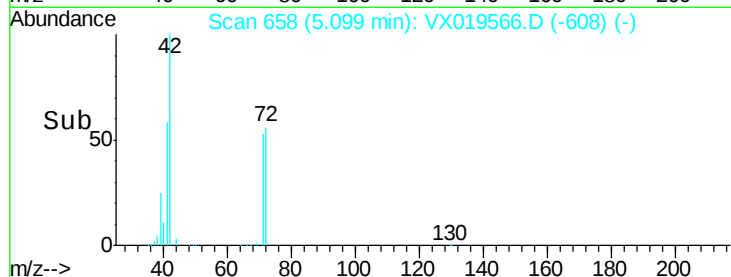
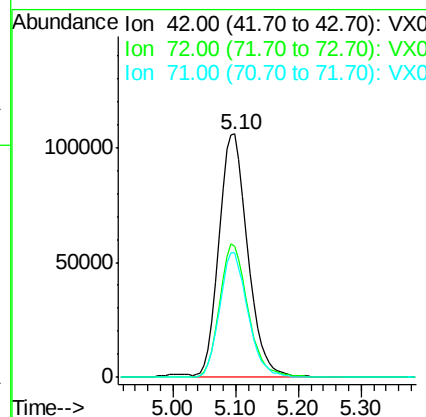
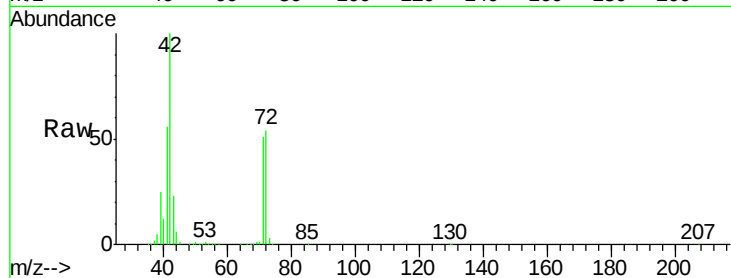
#29
Tetrahydrofuran
Concen: 243.724 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.5	42.6	63.8
71	50.6	39.0	58.6

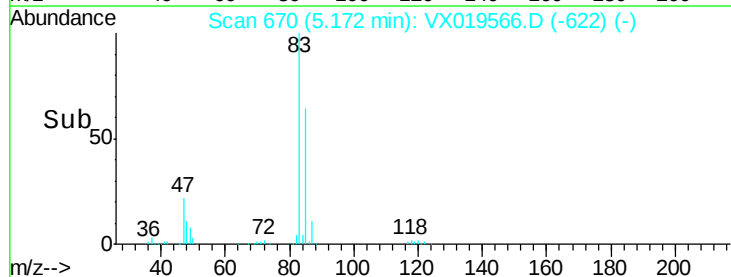
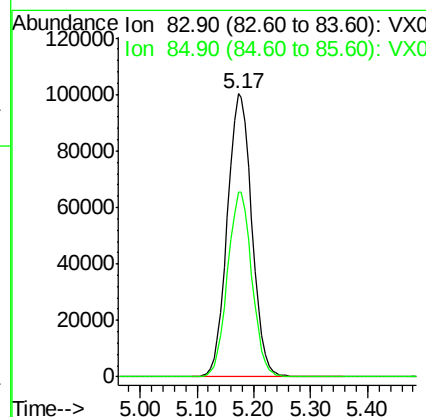
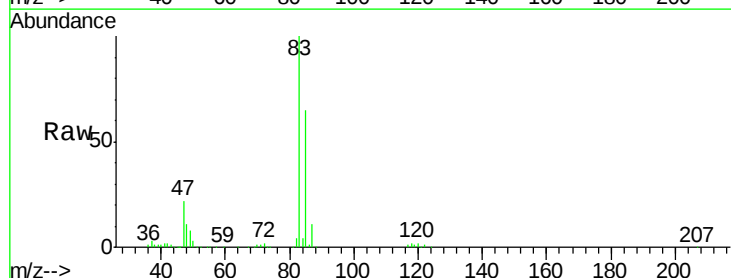
Manual Integrations
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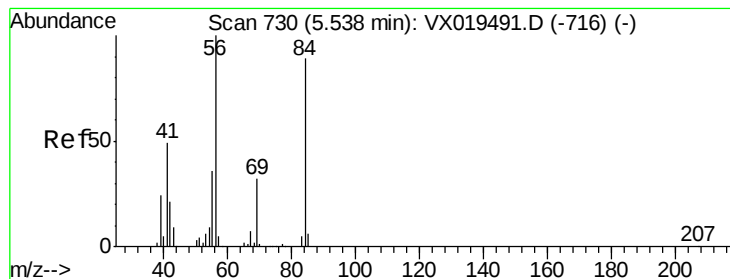
MMDadoda
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#30
Chloroform
Concen: 51.078 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.5	75.7





#31

Cyclohexane

Concen: 47.851 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

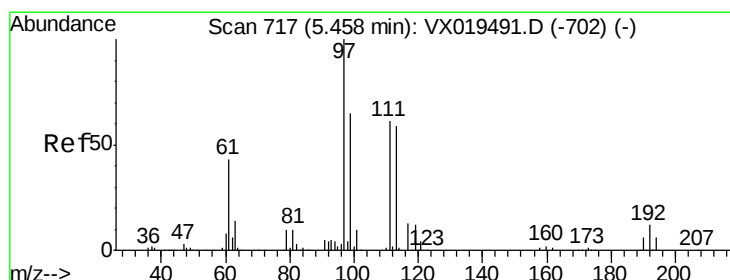
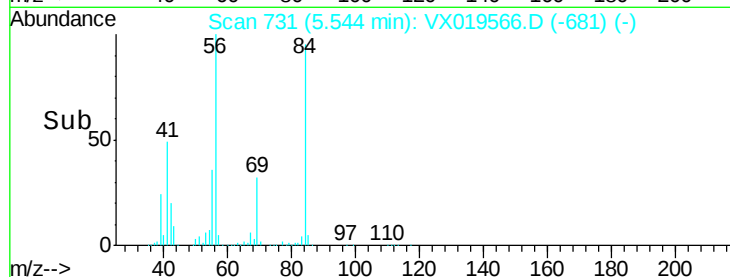
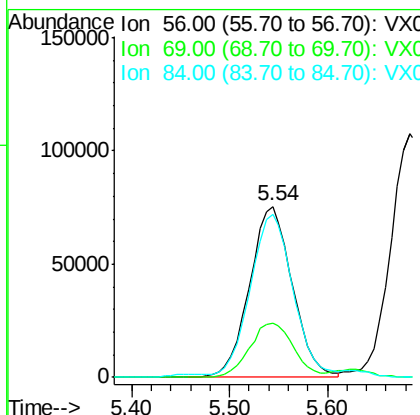
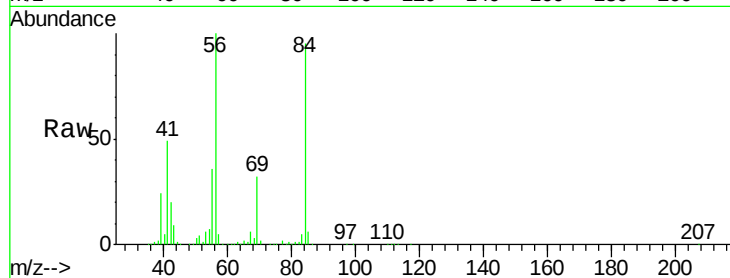
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	230453
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.5	38.3
84	93.0	71.1	106.7

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#32

1,1,1-Trichloroethane

Concen: 51.856 ug/l

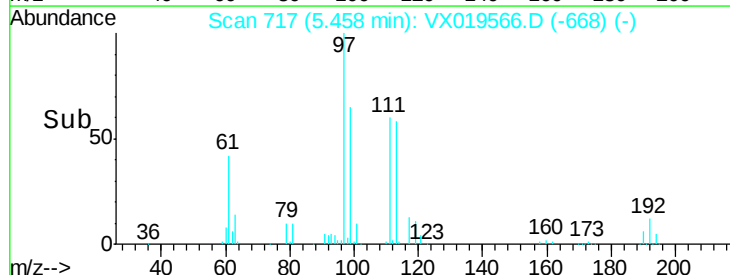
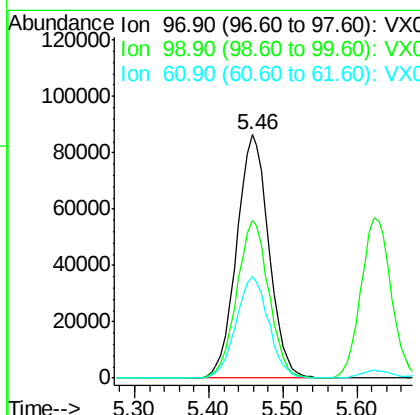
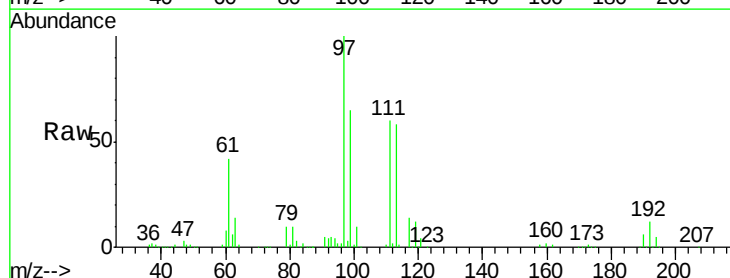
RT: 5.46 min Scan# 717

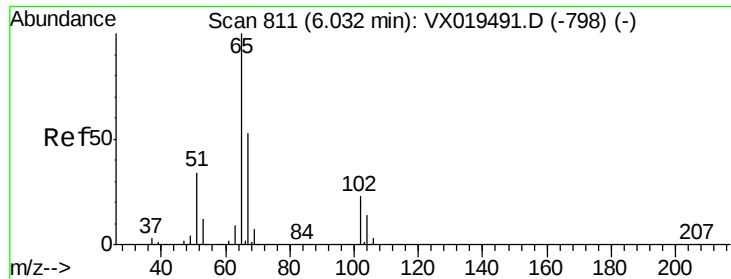
Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion:	97	Resp:	261773
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.2	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 48.547 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 179764

Ion Ratio Lower Upper

65 100

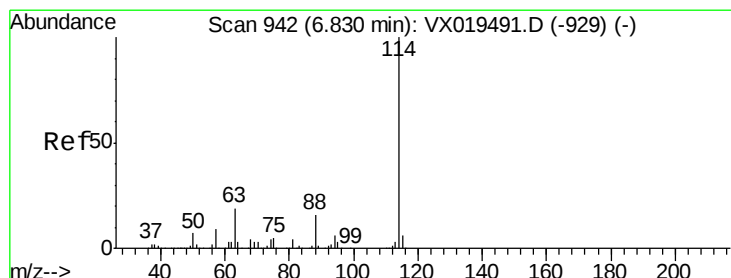
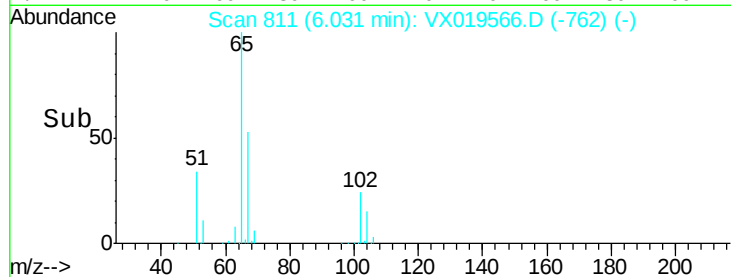
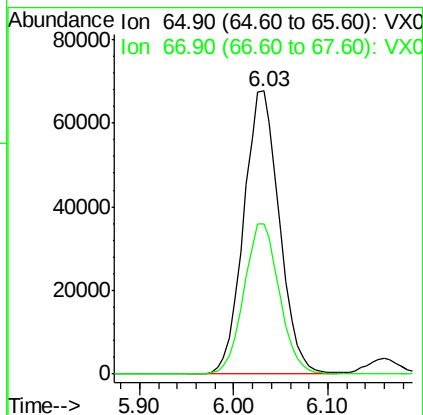
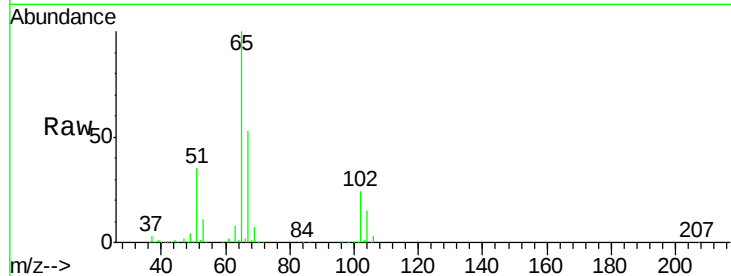
67 53.1 0.0 105.0

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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: VX019566.D

Acq: 23 Nov 2020 21:42

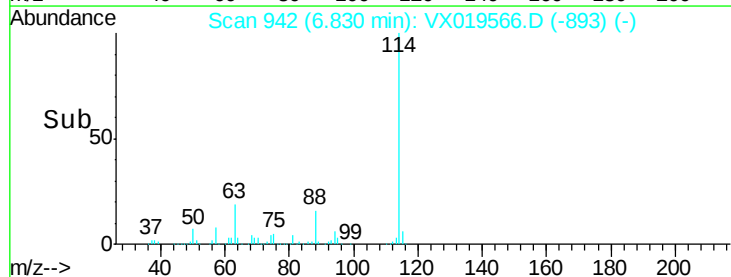
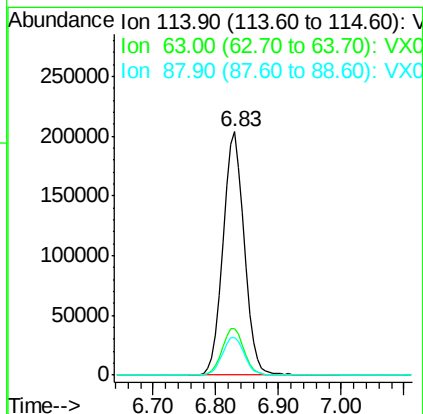
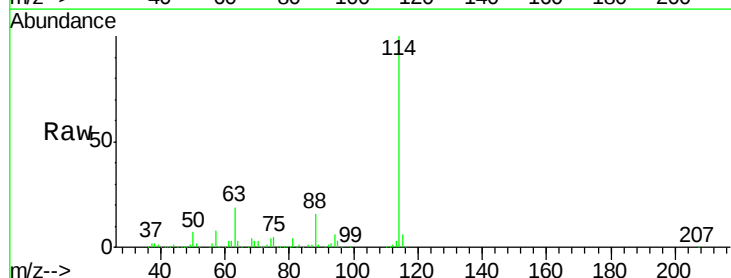
Tgt Ion: 114 Resp: 476270

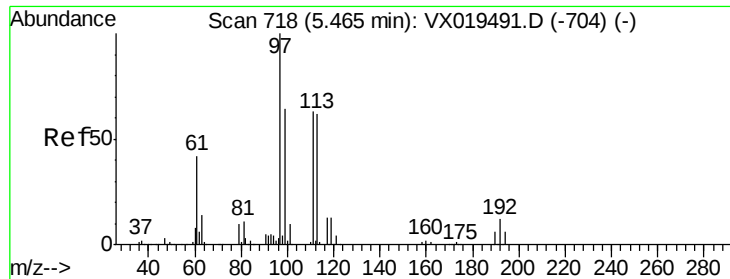
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 15.6 0.0 31.6





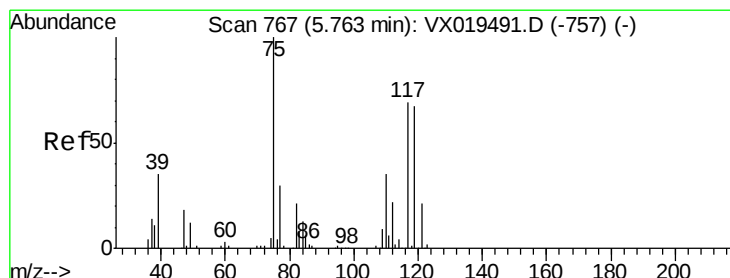
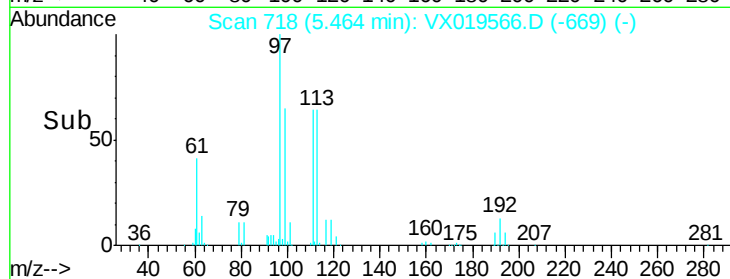
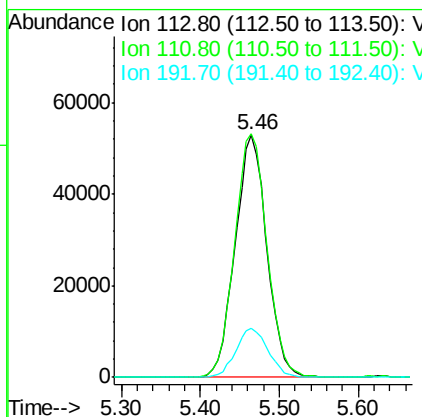
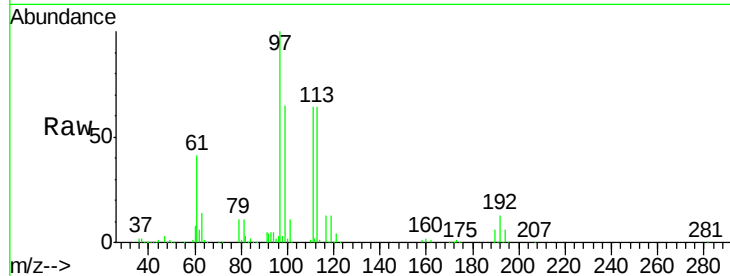
#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.5	122.3
192	20.6	16.2	24.2

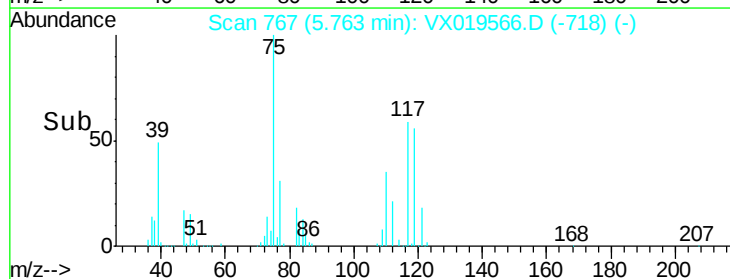
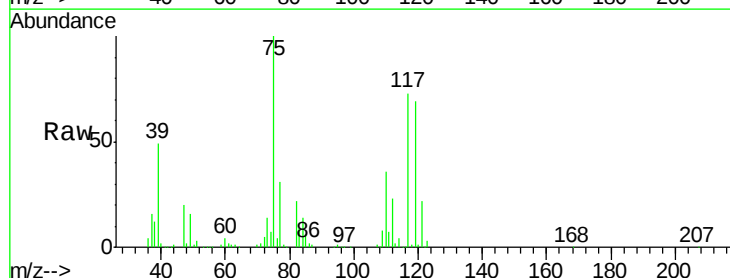
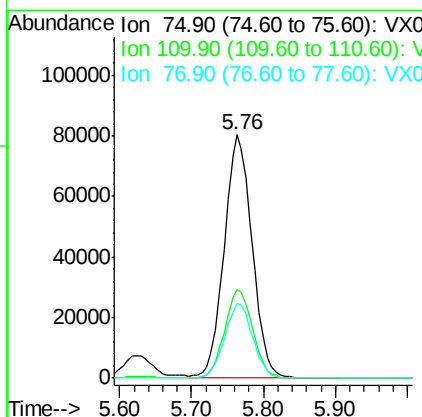
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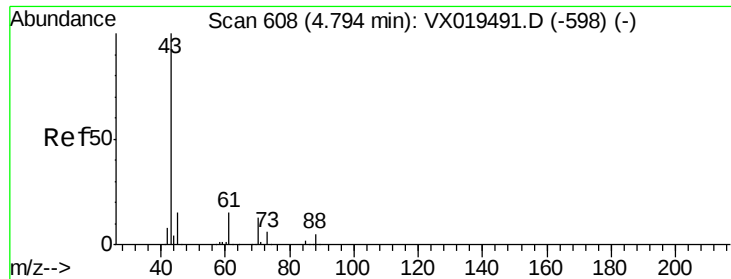
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#36
1,1-Dichloropropene
Concen: 48.598 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.3
77	30.7	24.2	36.4





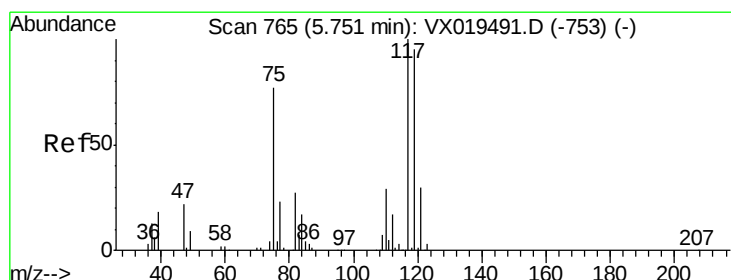
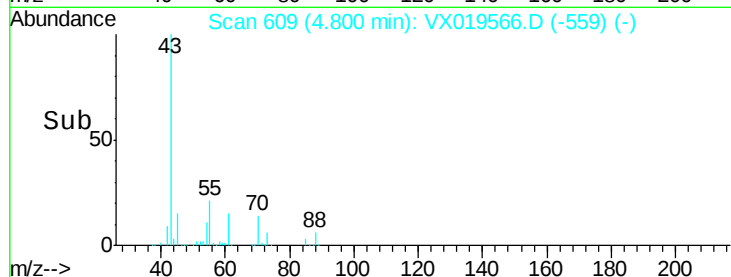
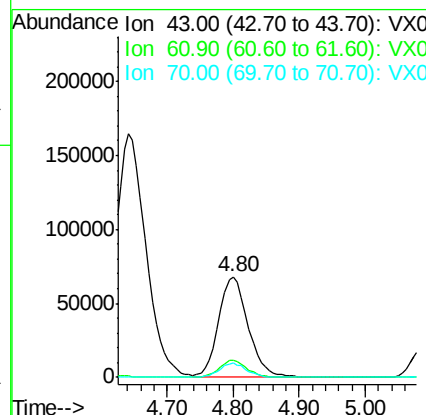
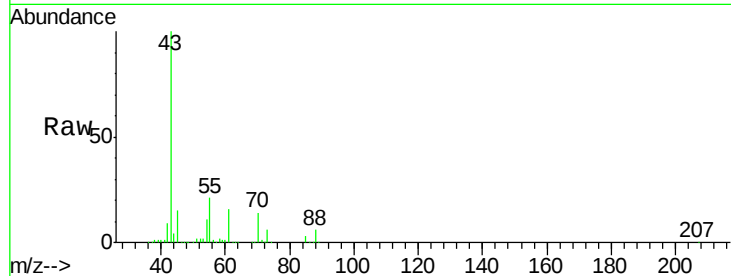
#37
Ethyl Acetate
Concen: 49.934 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.7	19.1
70	13.2	10.2	15.2

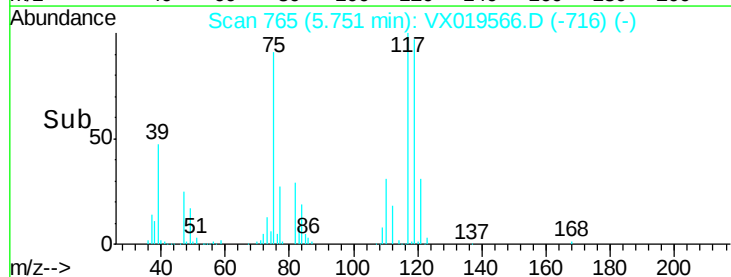
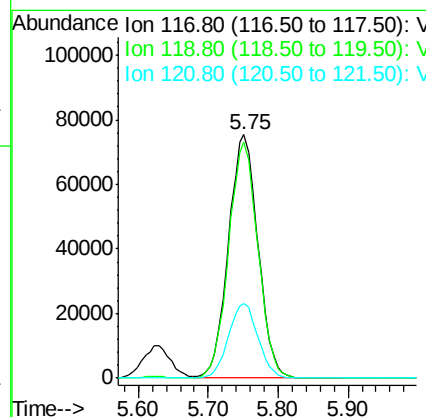
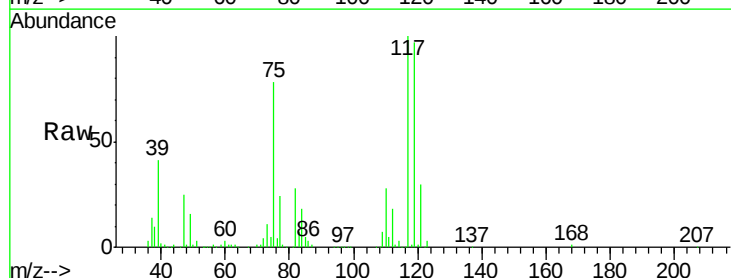
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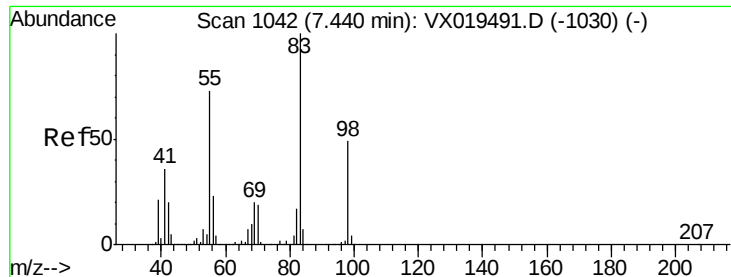
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#38
Carbon Tetrachloride
Concen: 51.069 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.9	113.9
121	30.4	24.0	36.0





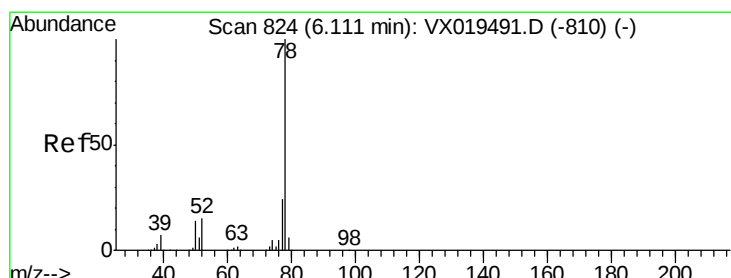
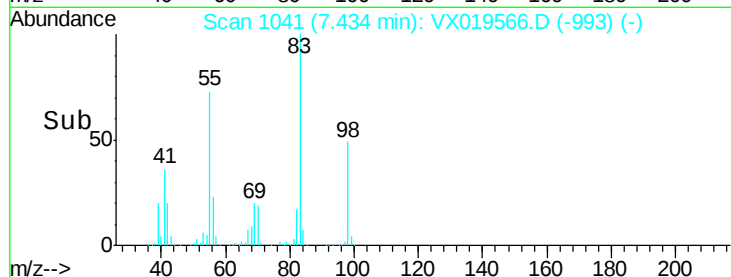
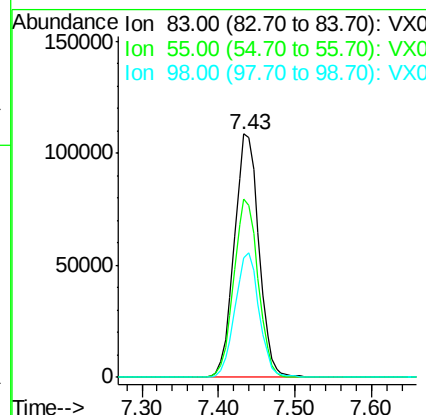
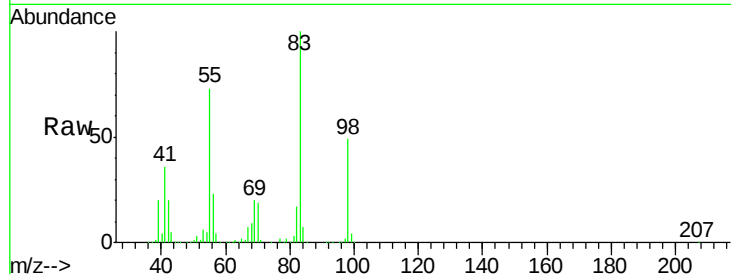
#39
Methvlcvclohexane
Concen: 46.547 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	241992		
55	73.1		58.3	87.5
98	48.8		38.9	58.3

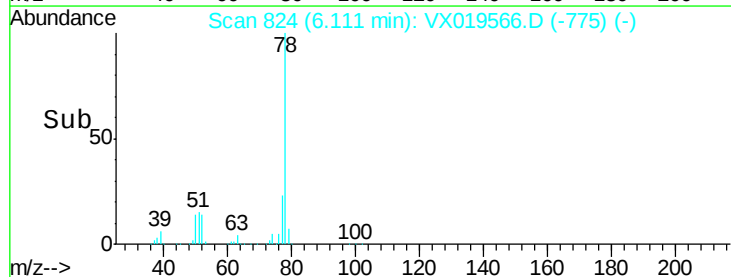
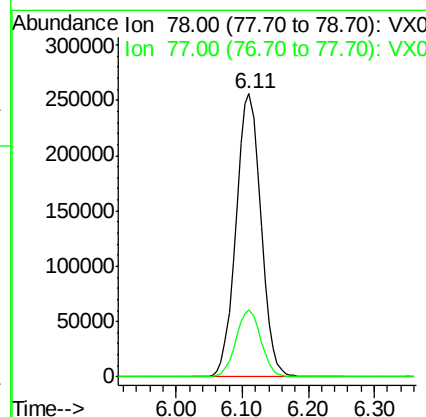
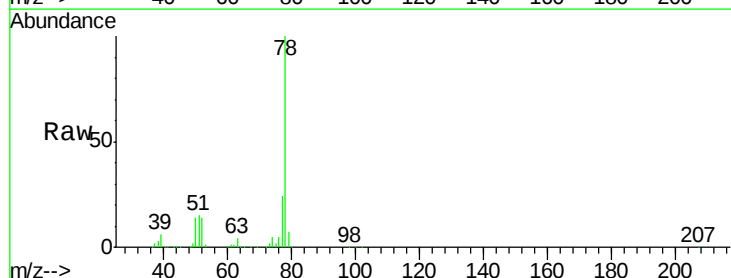
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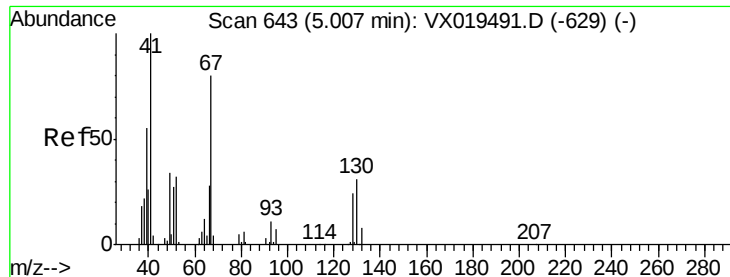
MMDadoda
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#40
Benzene
Concen: 48.744 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	668705		
77	23.7		18.9	28.3





#41

Methacrylonitrile

Concen: 48.057 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 111085

Ion Ratio Lower Upper

41 100

39 54.1 43.3 64.9

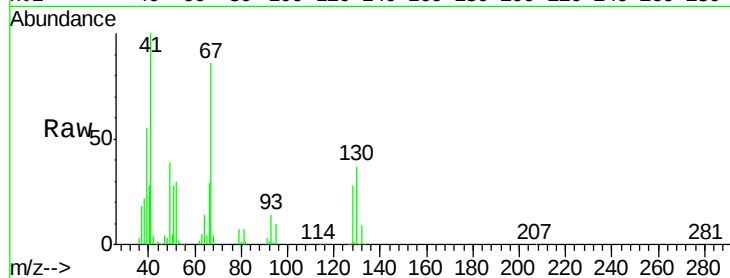
67 85.3 66.0 99.0

52 32.9 25.4 38.2

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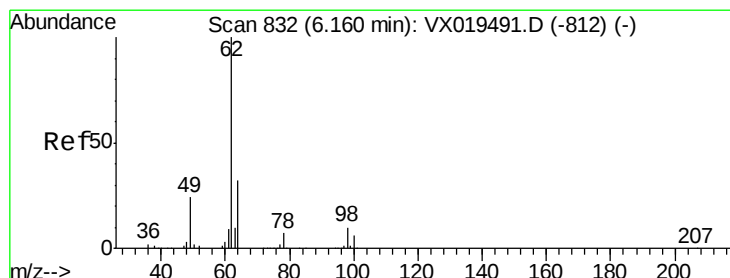
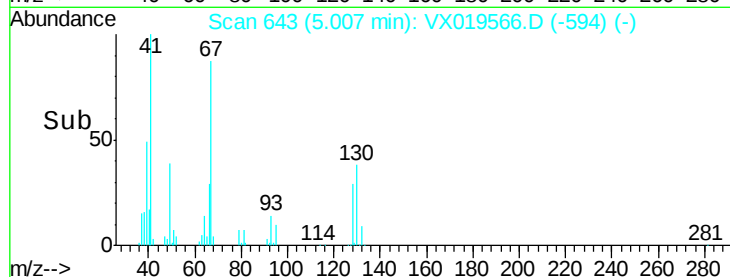
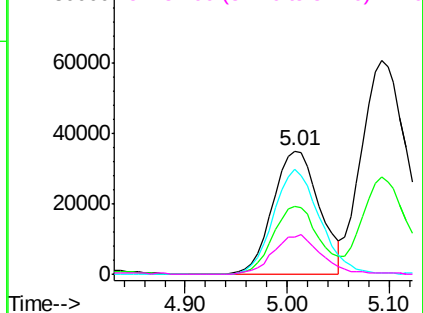


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.448 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019566.D

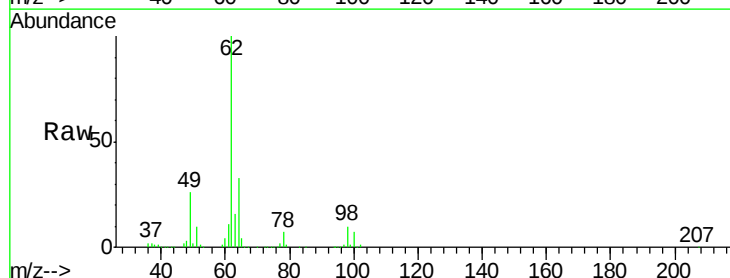
Acq: 23 Nov 2020 21:42

Tgt Ion: 62 Resp: 232516

Ion Ratio Lower Upper

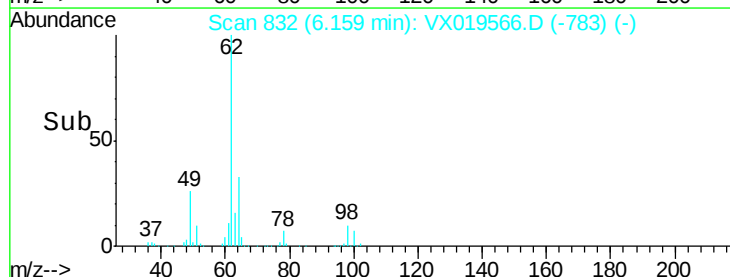
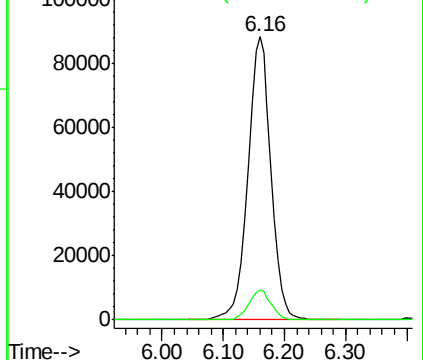
62 100

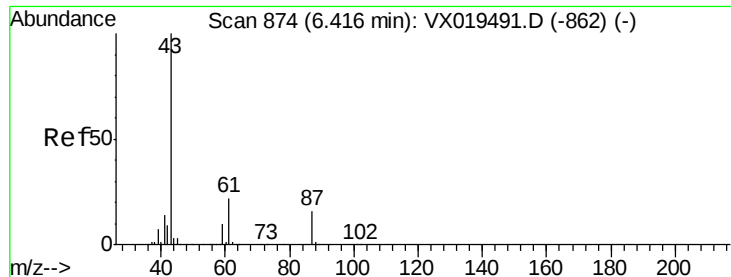
98 10.2 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

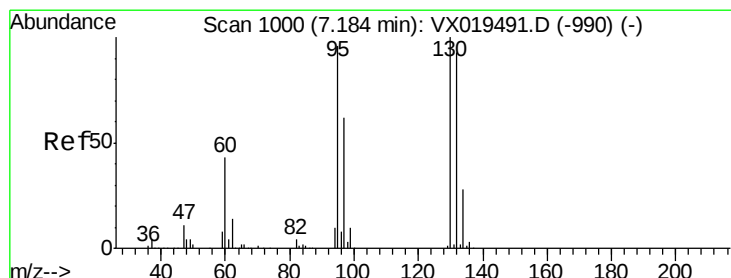
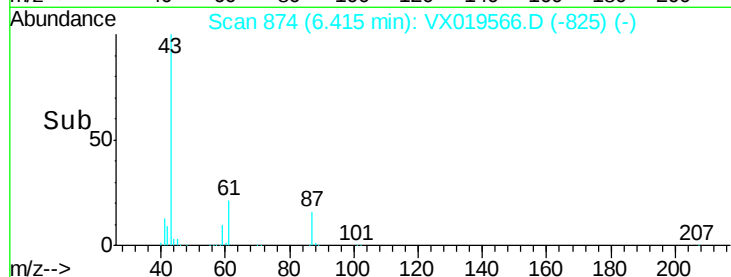
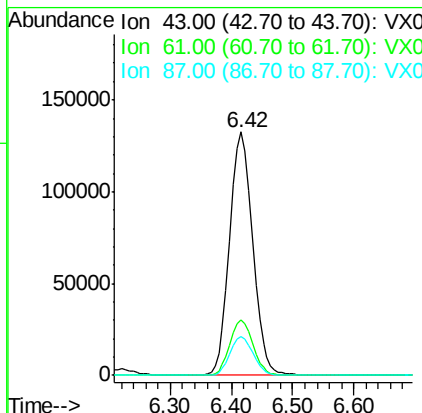
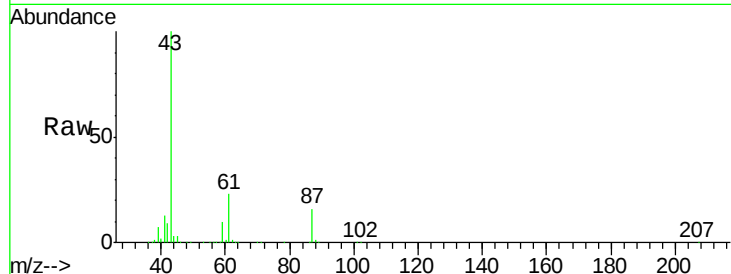
Isopropyl Acetate
 Concen: 48.807 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	16.2	12.6	18.8

Manual Integrations
 APPROVED

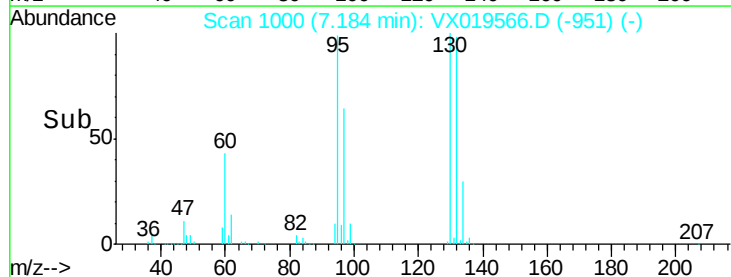
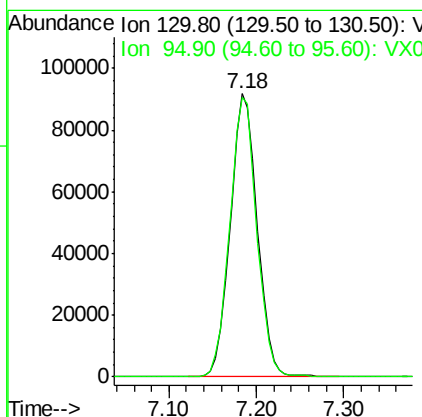
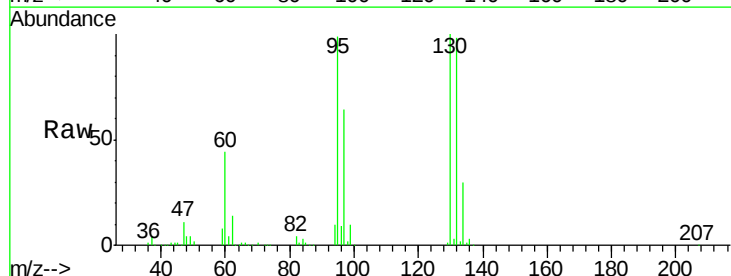
MMDadoda
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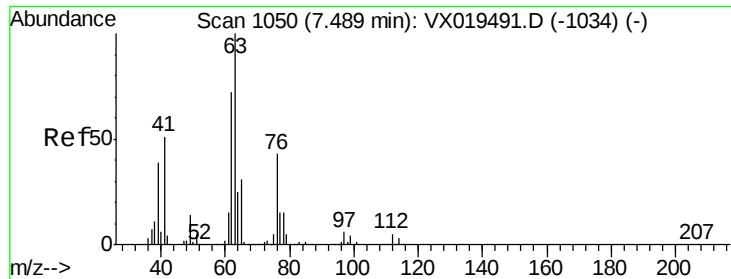


#44

Trichloroethene
 Concen: 54.808 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 49.056 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 165679

Ion Ratio Lower Upper

63 100

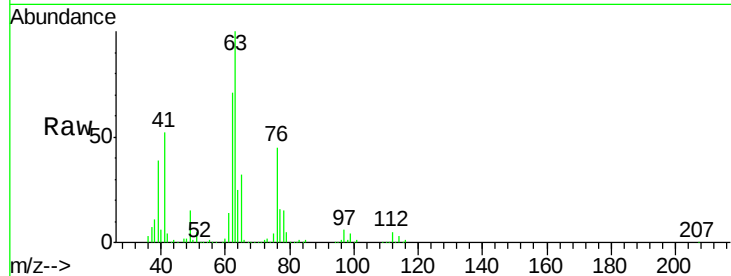
65 32.0 25.0 37.4

Manual Integrations

APPROVED

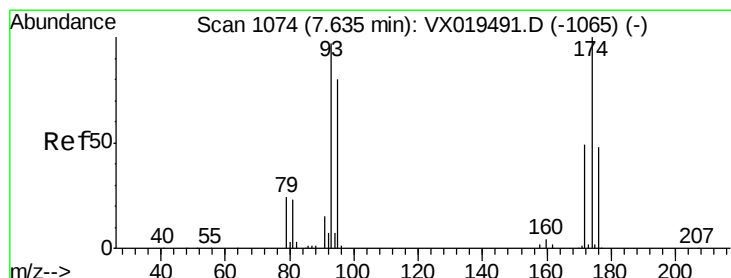
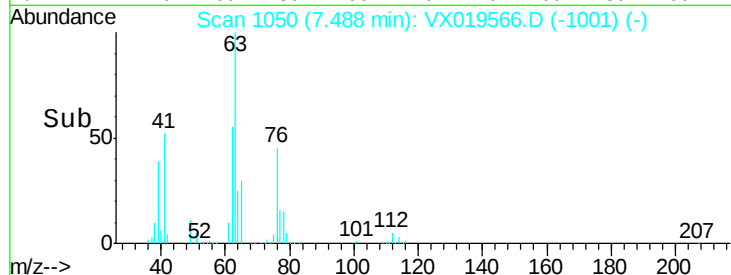
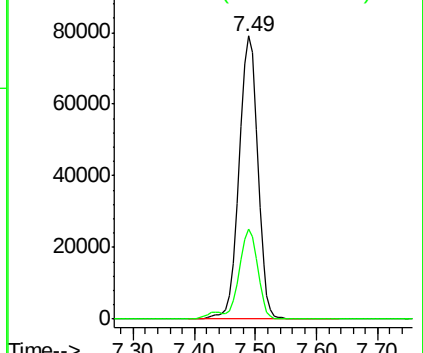
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.984 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

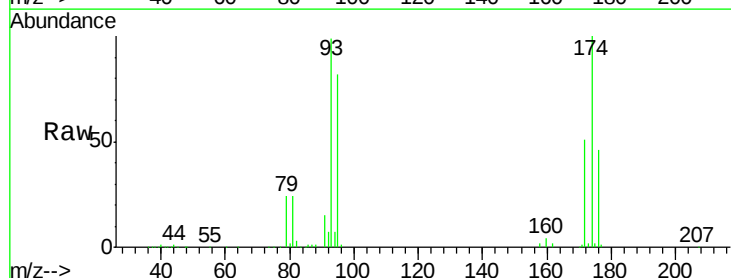
Tgt Ion: 93 Resp: 115539

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

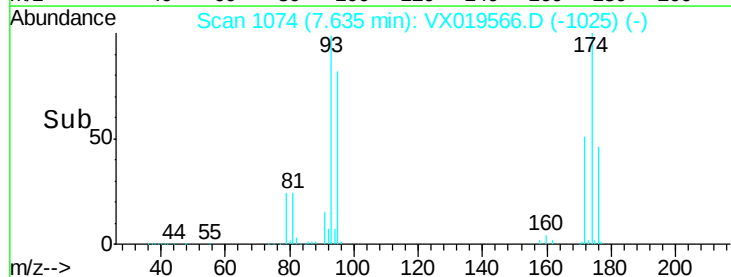
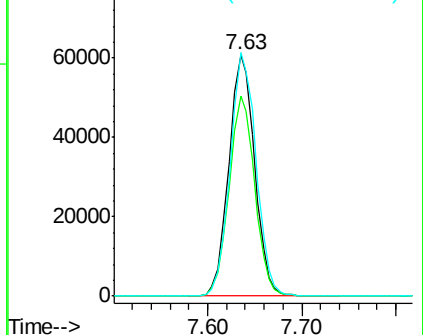
174 101.8 83.0 124.4

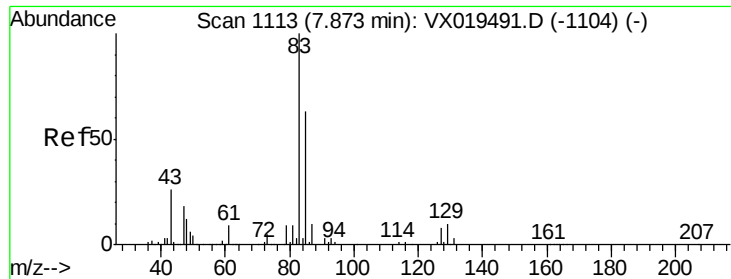


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.446 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

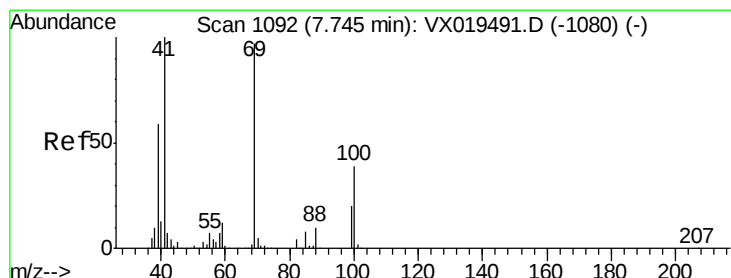
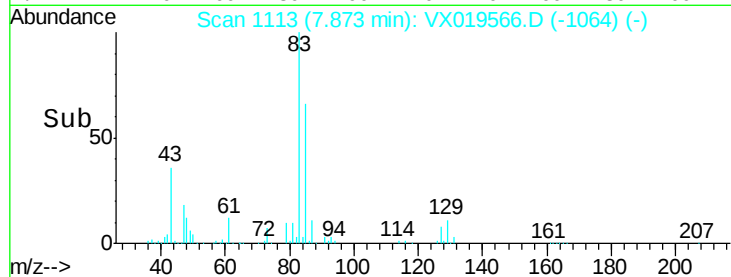
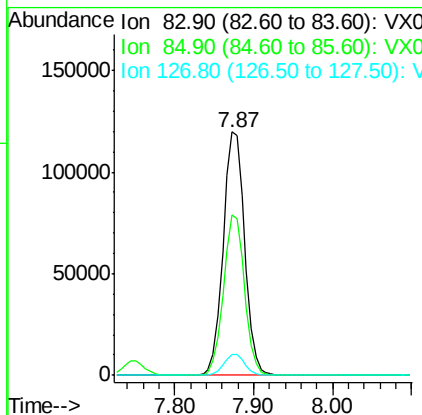
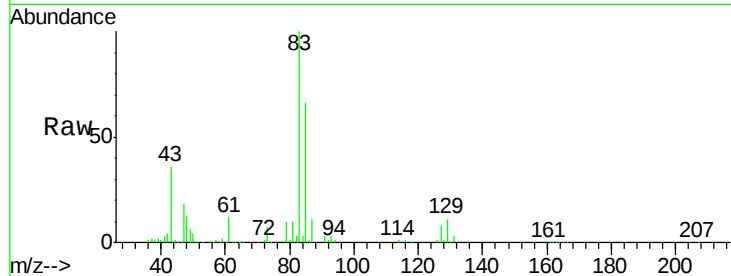
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	226273
Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.2	75.2
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.480 ug/l

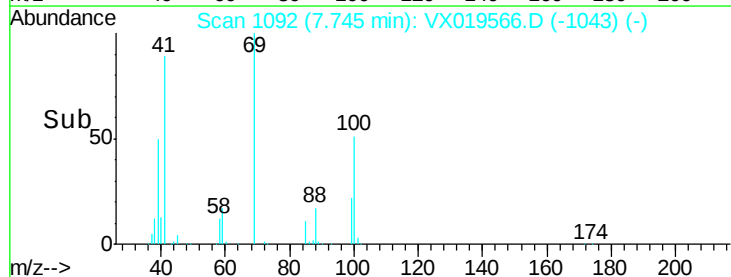
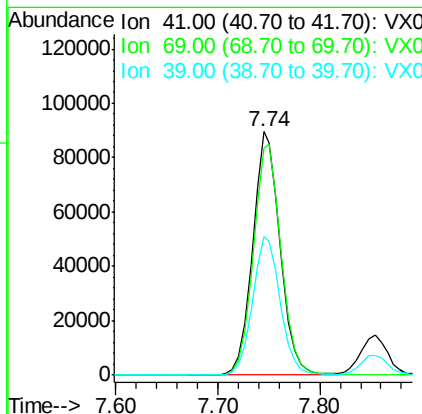
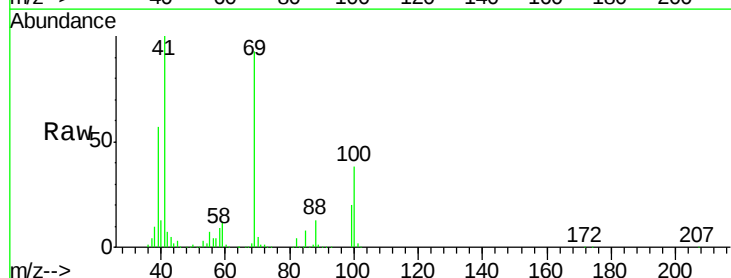
RT: 7.74 min Scan# 1092

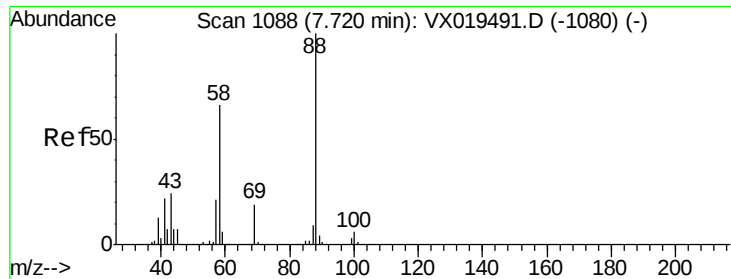
Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion:	41	Resp:	166583
Ion	Ratio	Lower	Upper
41	100		
69	96.8	77.0	115.6
39	58.2	45.6	68.4





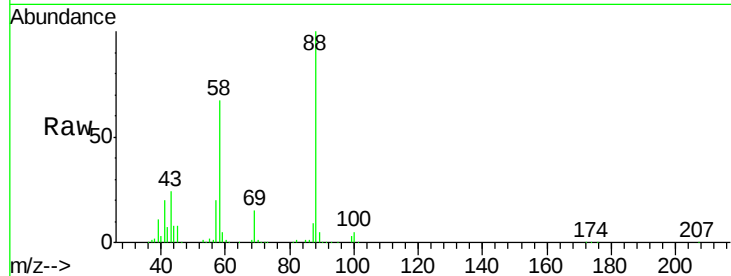
#49
1,4-Dioxane
Concen: 1057.826 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.8	35.6
58	66.3	54.2	81.2

Manual Integrations
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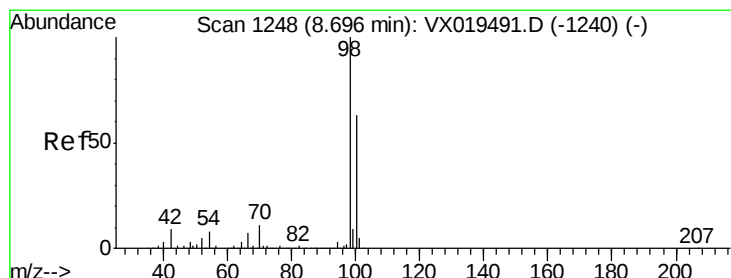
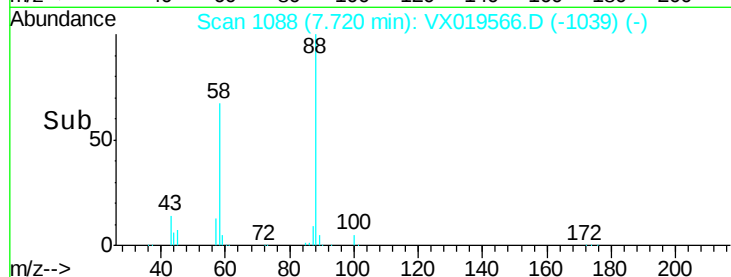
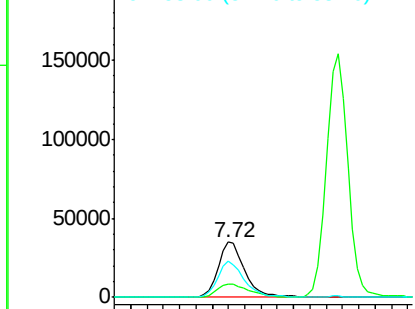


Abundance

Ion 88.00 (87.70 to 88.70): VX0

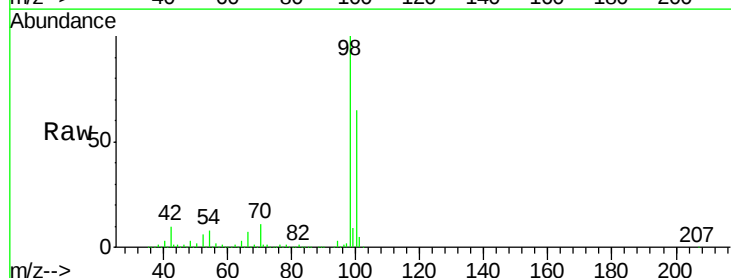
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.742 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

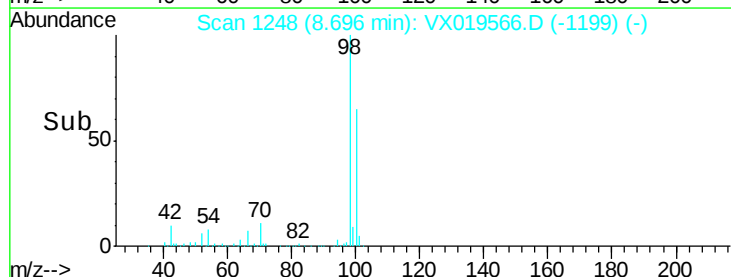
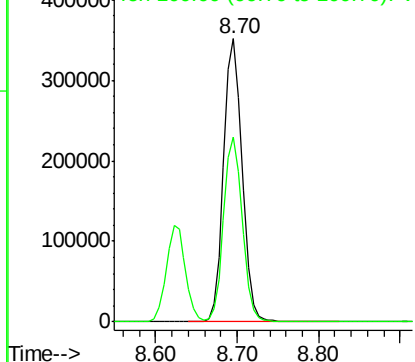
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6

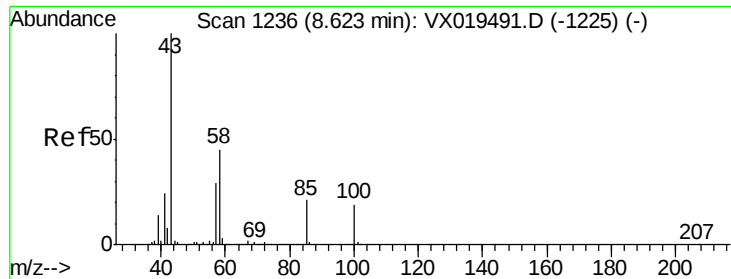


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





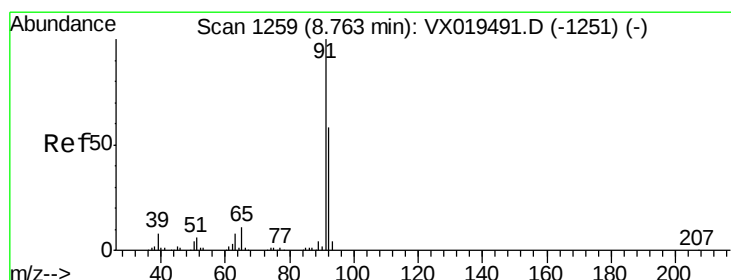
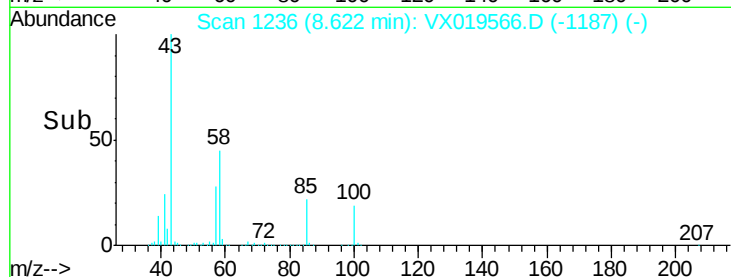
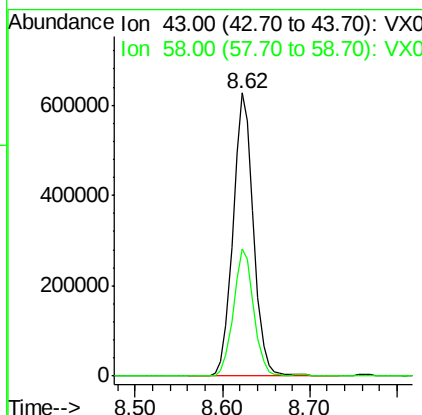
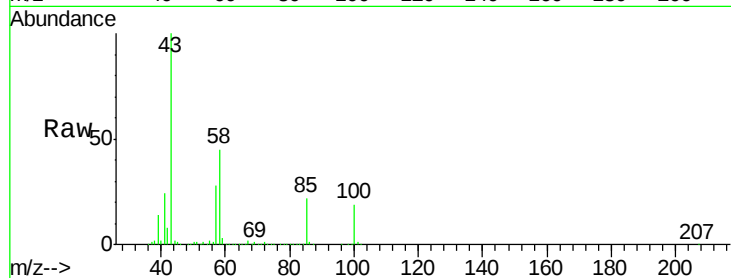
#51
4-Methyl-2-Pentanone
Concen: 247.849 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1018396
Ion Ratio Lower Upper
43 100
58 44.6 35.1 52.7

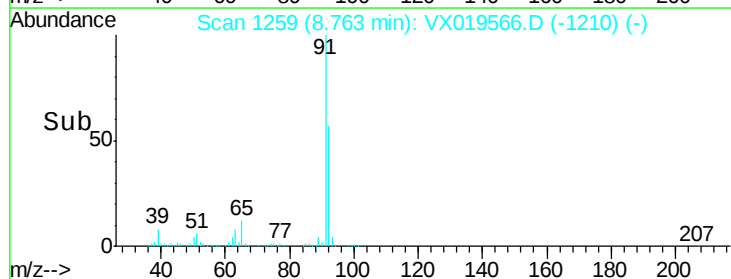
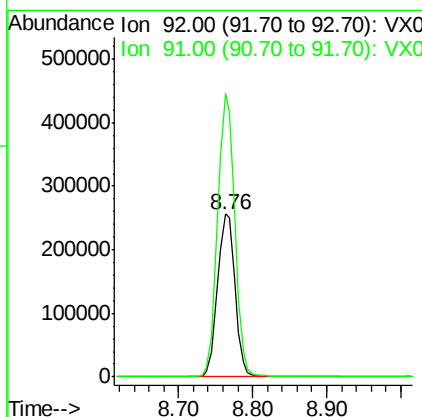
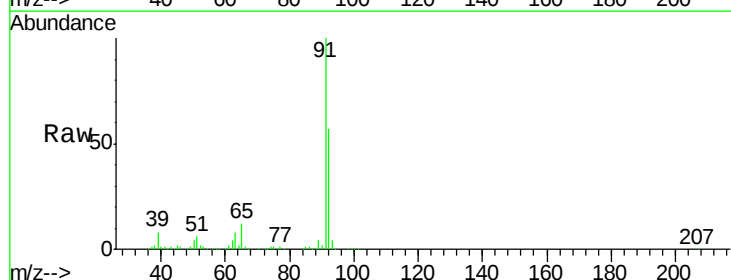
Manual Integrations
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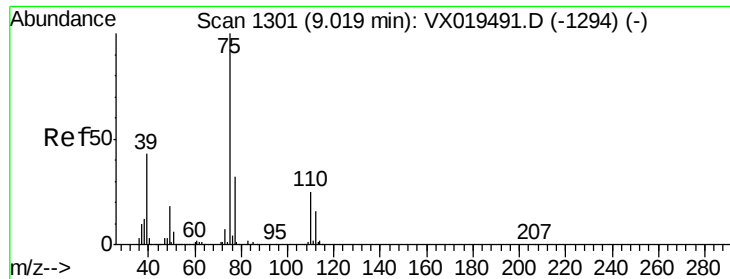
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#52
Toluene
Concen: 49.293 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion: 92 Resp: 413694
Ion Ratio Lower Upper
92 100
91 170.9 138.1 207.1





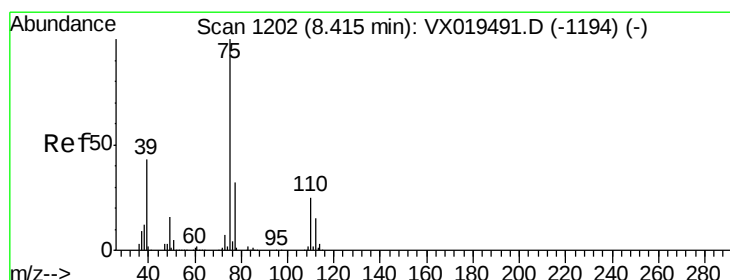
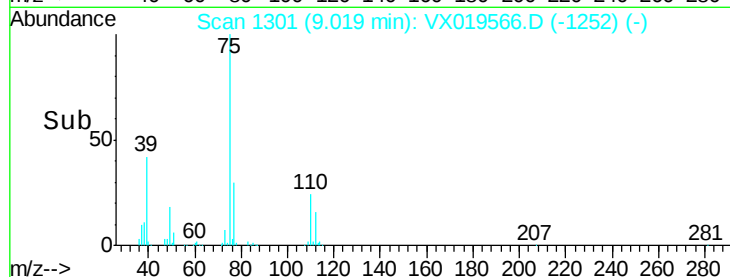
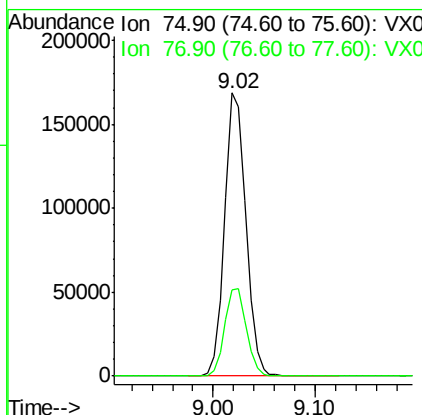
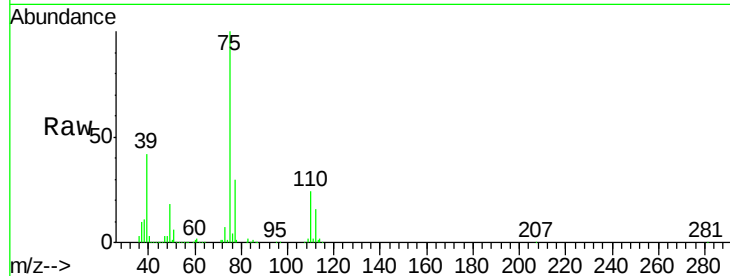
#53
t-1,3-Dichloropropene
Concen: 50.473 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.3	37.9

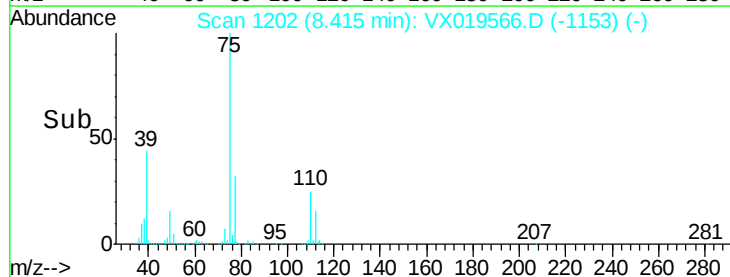
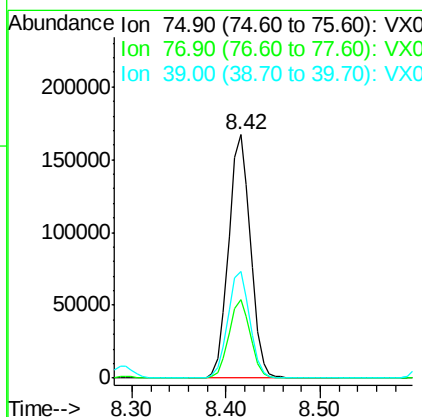
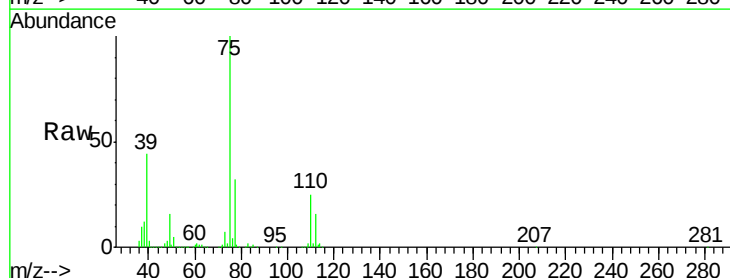
Manual Integrations
APPROVED

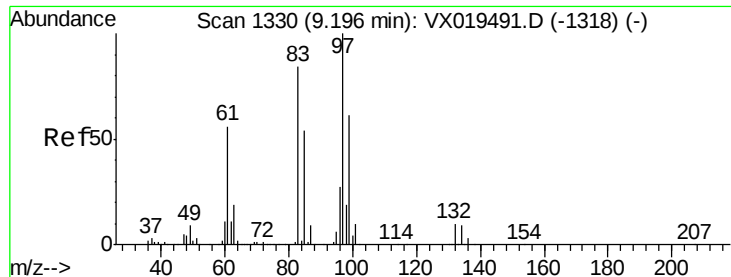
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.989 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	43.6	34.6	51.8





#55

1,1,2-Trichloroethane

Concen: 49.455 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

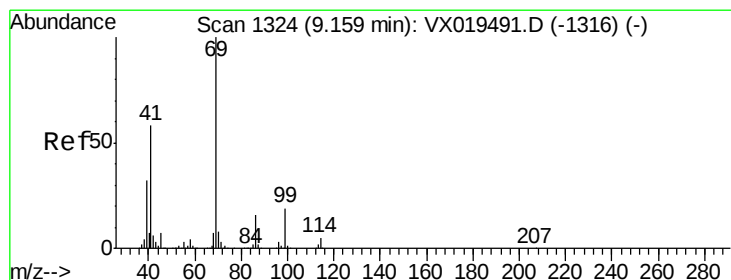
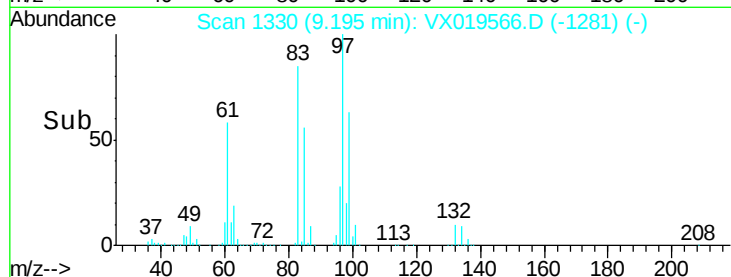
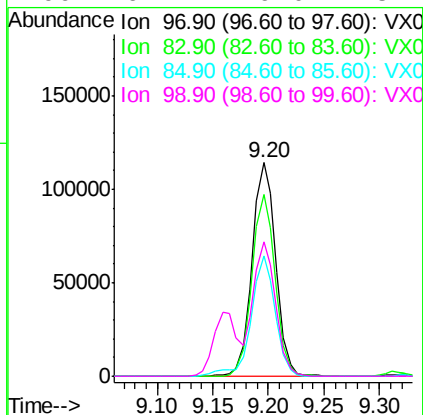
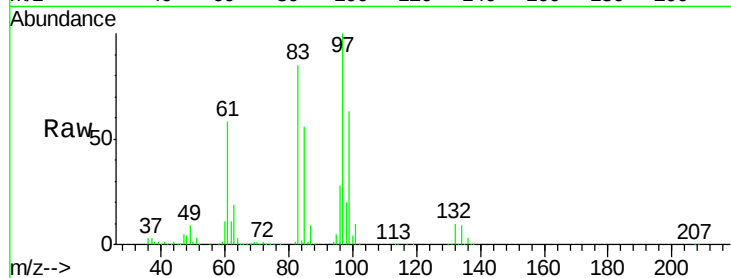
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	169035		
83	84.9	67.0	100.6	
85	56.1	43.4	65.0	
99	62.7	49.0	73.4	

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.745 ug/l

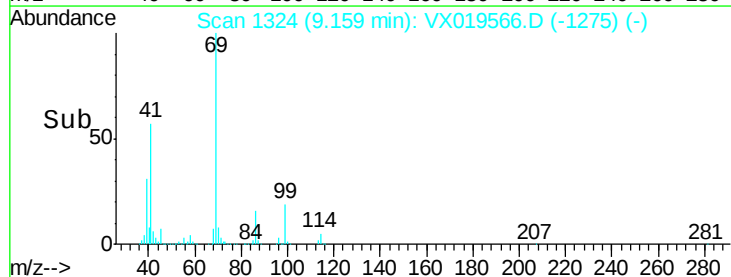
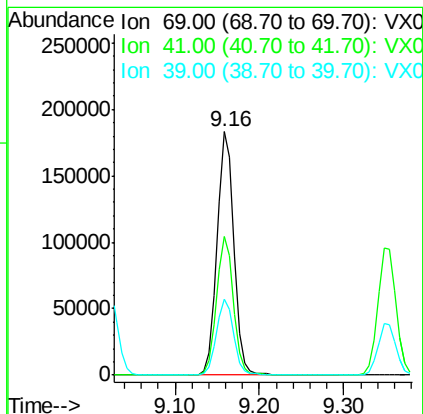
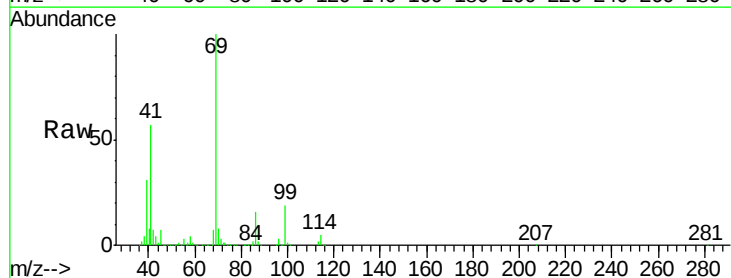
RT: 9.16 min Scan# 1324

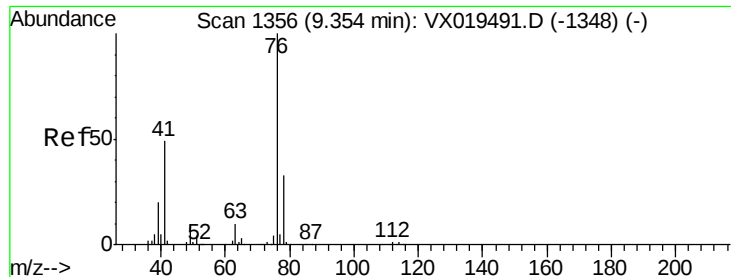
Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	255096		
41	56.9	46.2	69.2	
39	32.0	25.5	38.3	





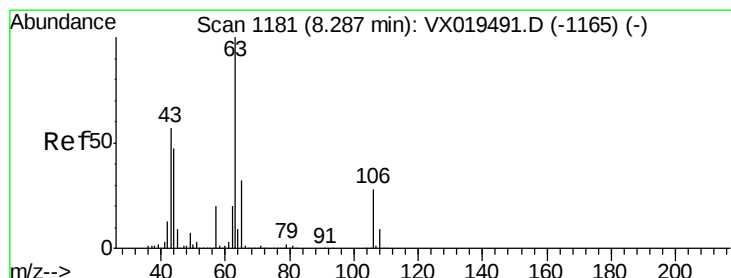
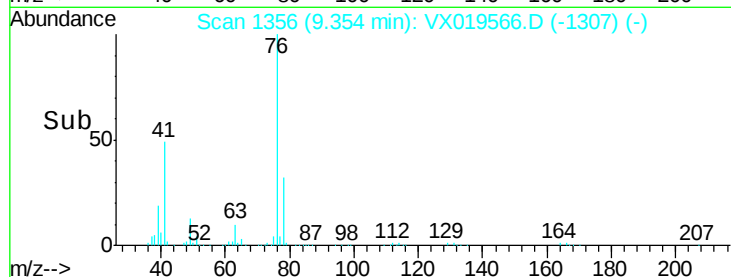
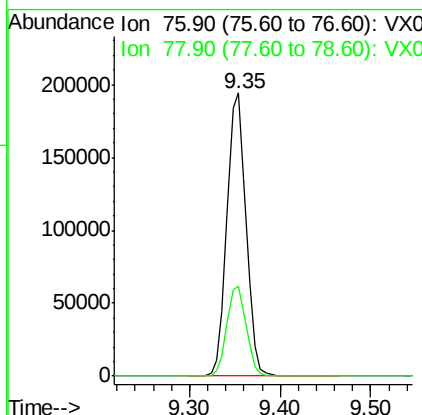
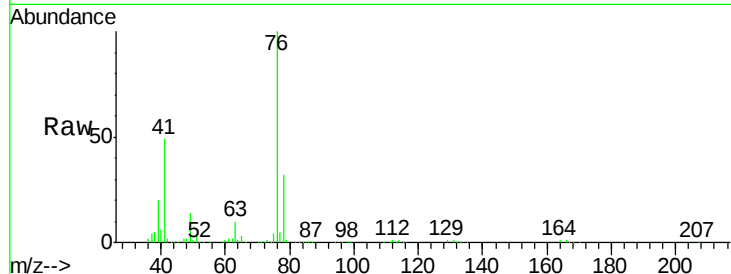
#57
 1,3-Dichloropropane
 Concen: 49.545 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

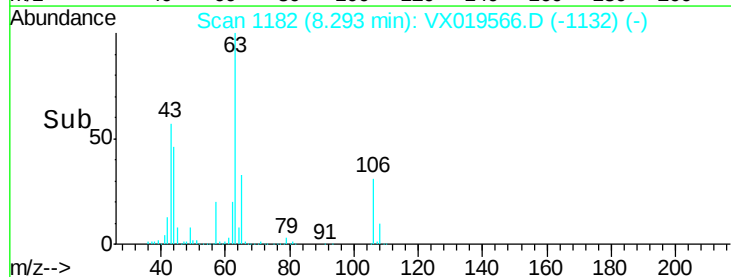
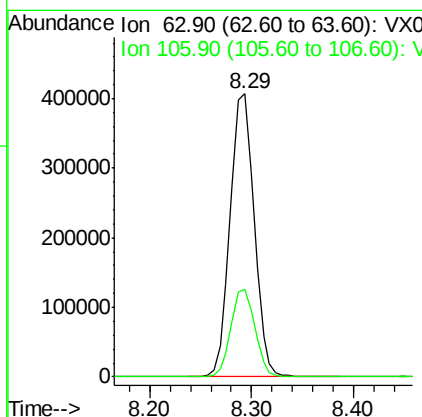
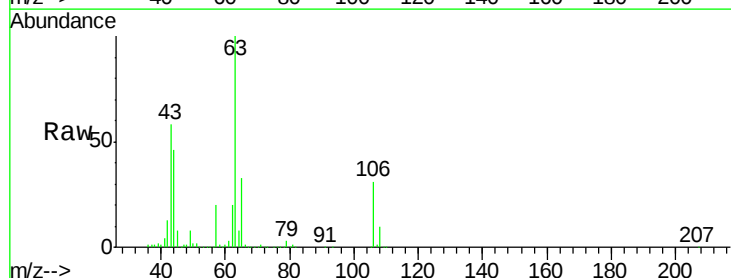
Manual Integrations
 APPROVED

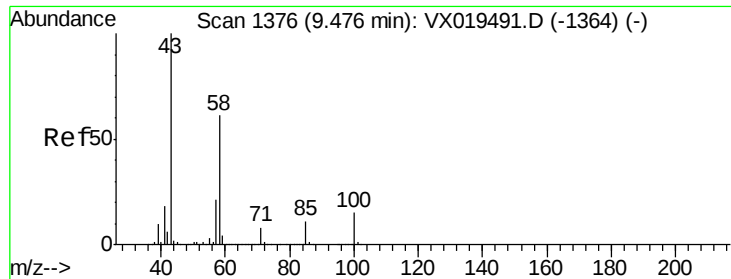
MMDadoda
 11/24/2020 1:09:32 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.456 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	23.7	35.5





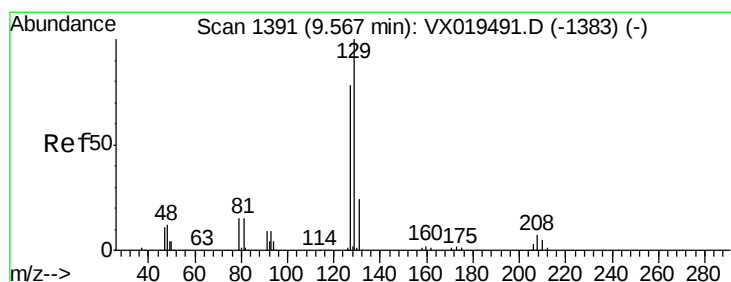
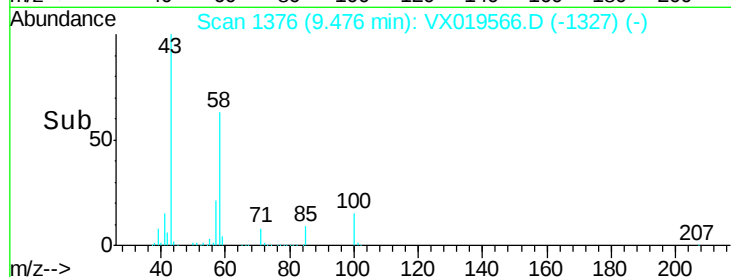
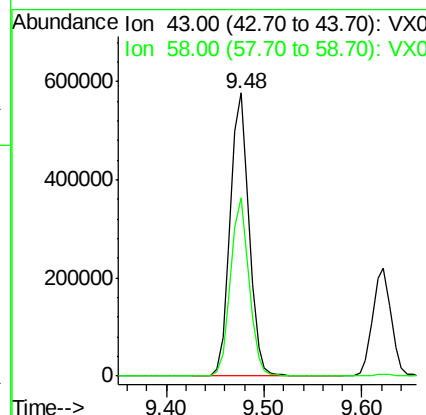
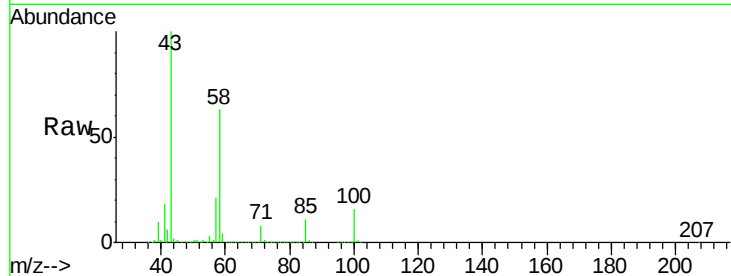
#59
2-Hexanone
Concen: 248.703 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.9	30.6	91.6

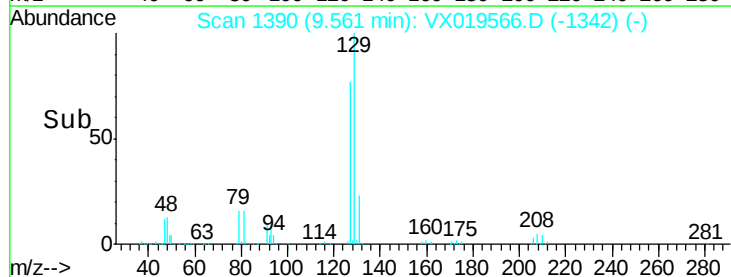
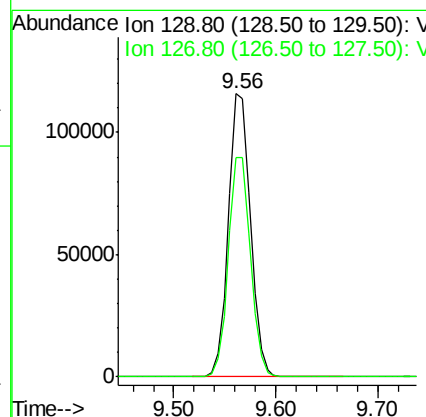
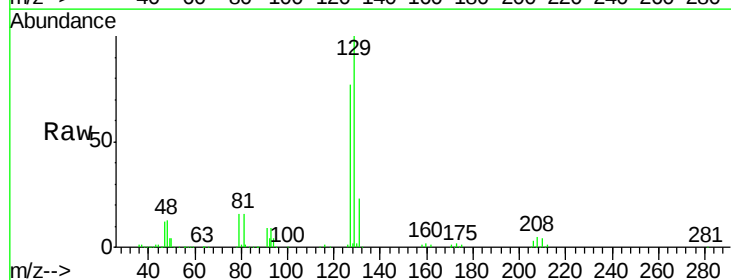
Manual Integrations
APPROVED

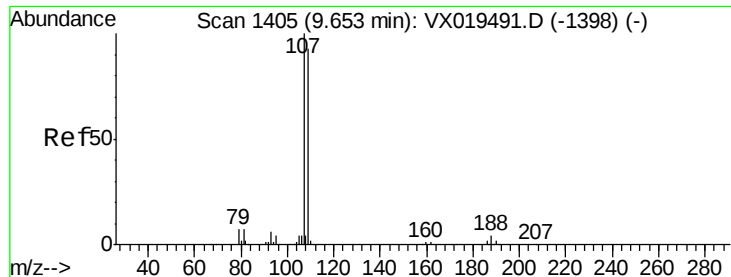
MMDadoda
11/24/2020 1:09:32 PM



#60
Dibromochloromethane
Concen: 51.813 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.0	116.9





#61

1,2-Dibromoethane

Concen: 50.442 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 177716

Ion Ratio Lower Upper

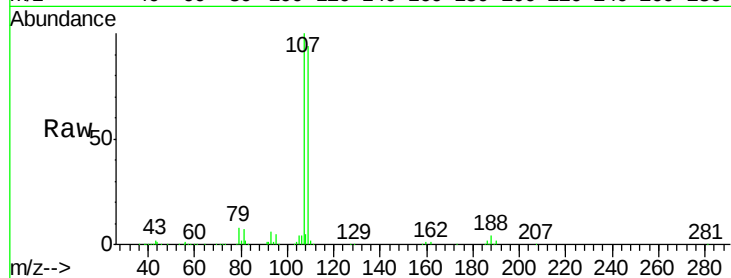
107 100

109 94.2 74.8 112.2

Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

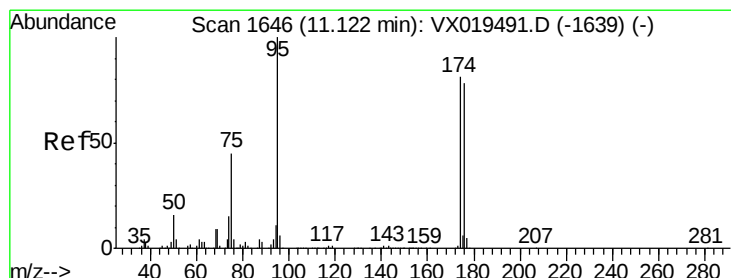
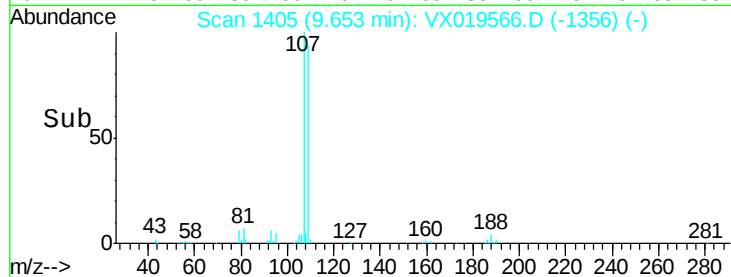
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.764 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

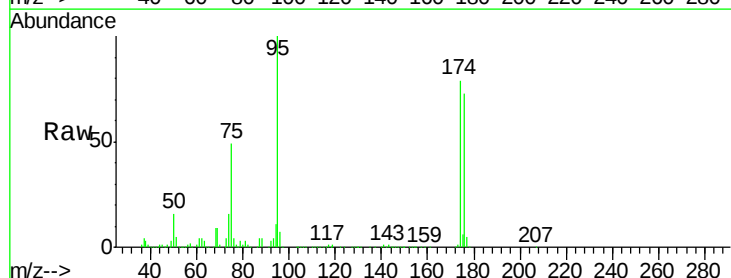
Tgt Ion: 95 Resp: 203817

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.2

176 75.8 0.0 151.4



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

11.12

200000

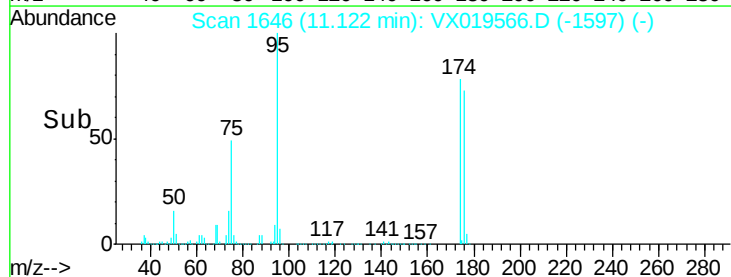
150000

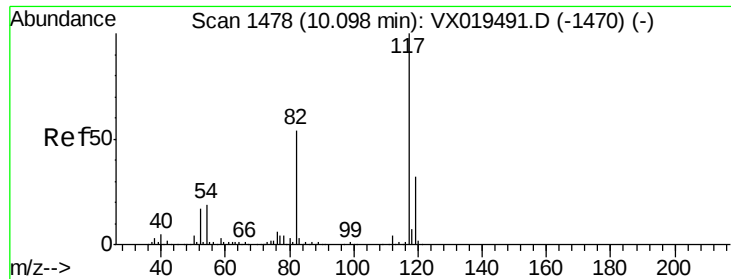
100000

50000

0

Time-->





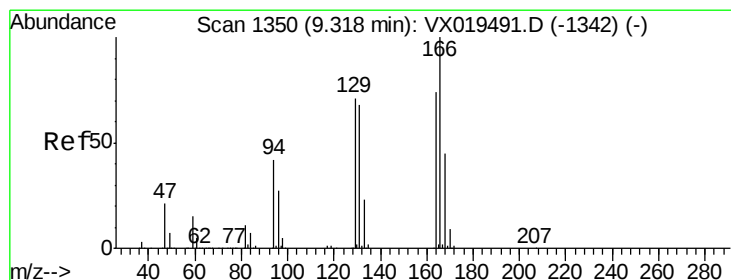
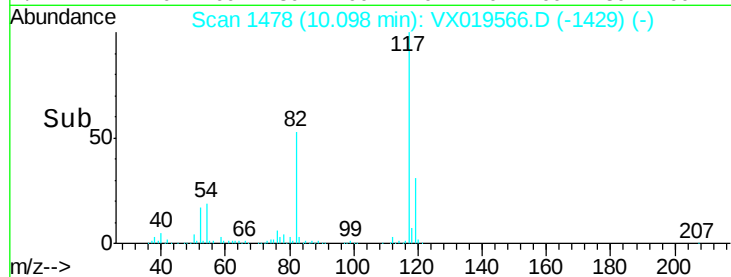
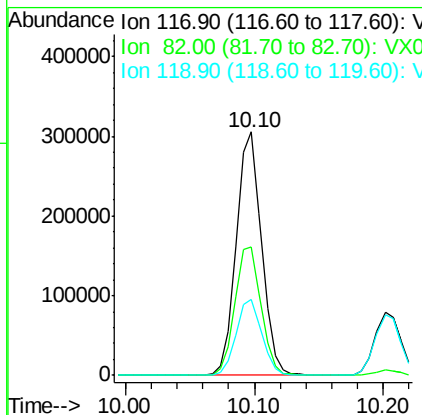
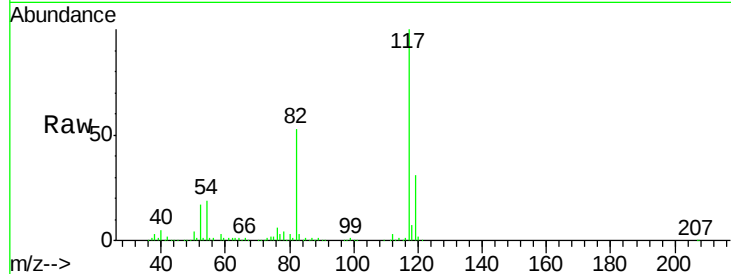
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	416863		
82	52.6	43.0	64.4	
119	31.0	25.6	38.4	

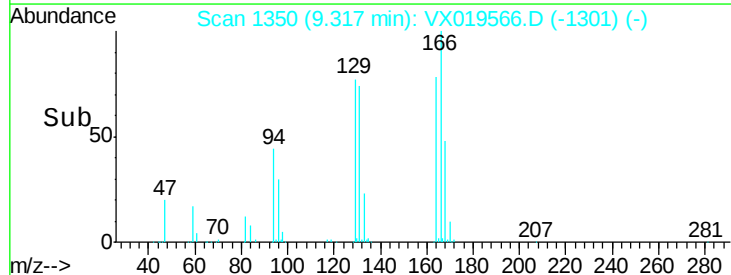
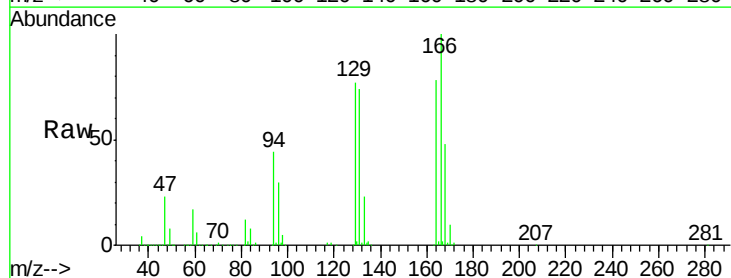
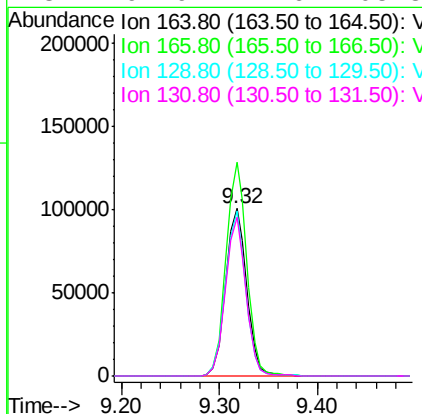
Manual Integrations
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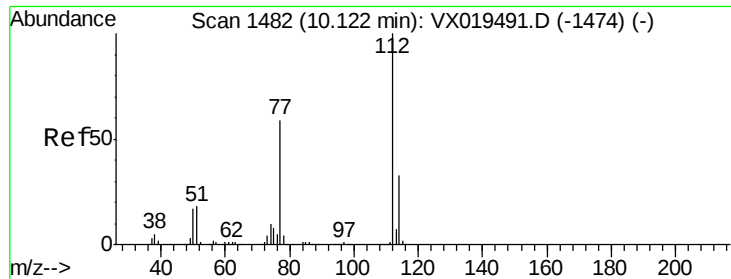
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#64
Tetrachloroethene
Concen: 45.844 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150219		
166	127.8	107.4	161.0	
129	98.6	76.6	114.8	
131	94.9	72.6	108.8	





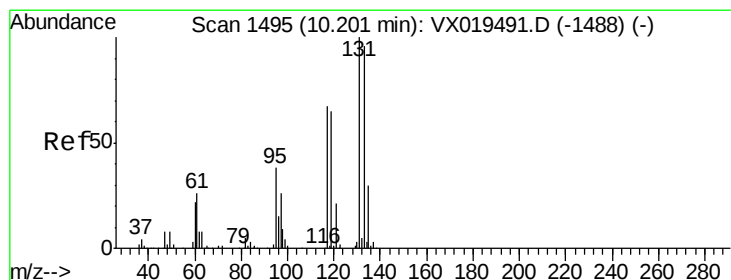
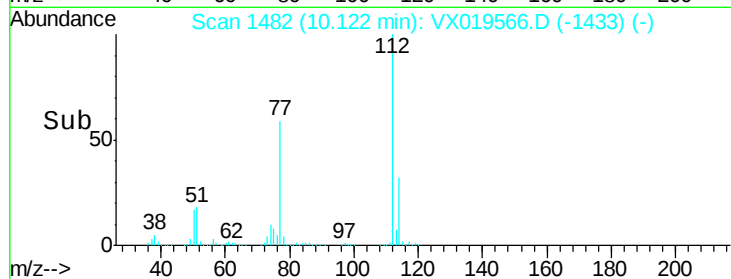
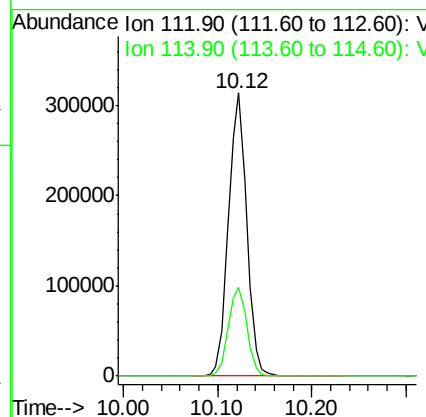
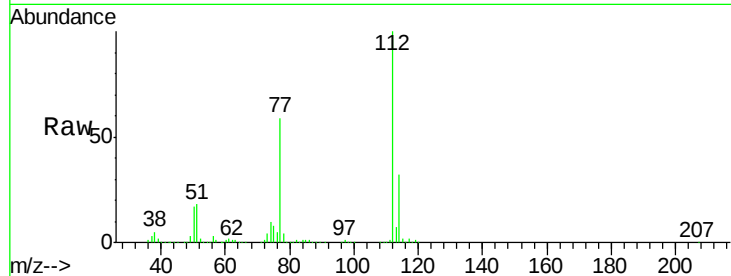
#65
Chlorobenzene
Concen: 49.226 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 421902
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0

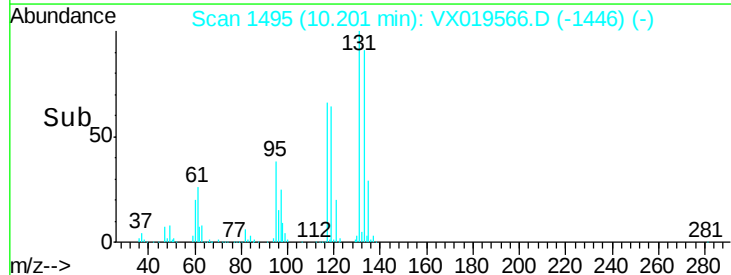
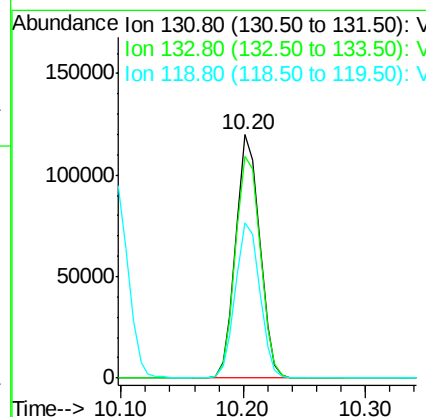
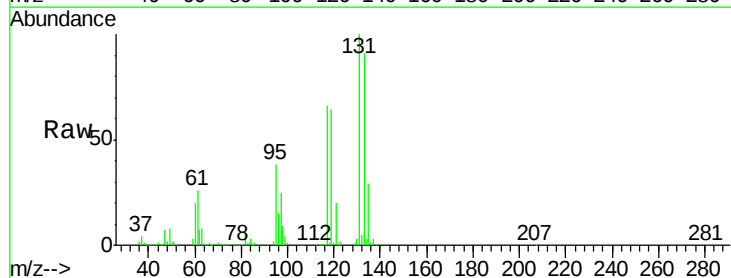
Manual Integrations
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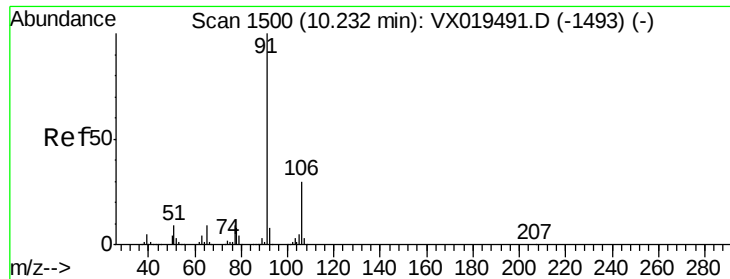
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.260 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion:131 Resp: 162923
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.5
119 65.0 33.0 99.0





#67

Ethyl Benzene

Concen: 51.489 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 773098

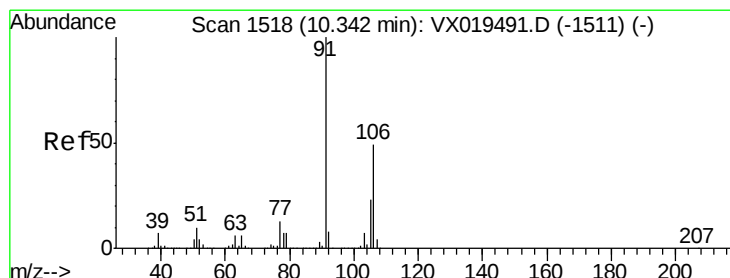
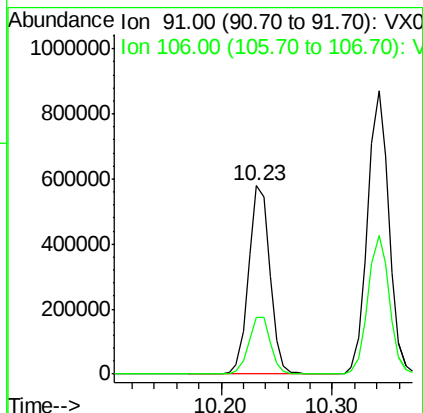
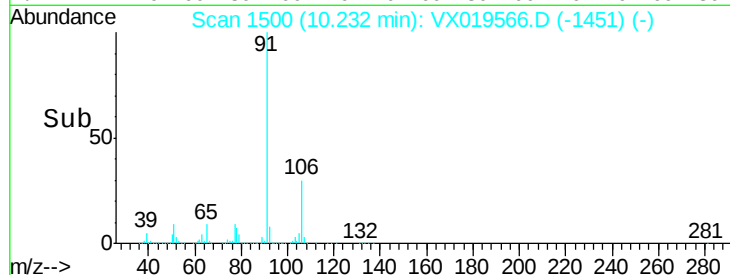
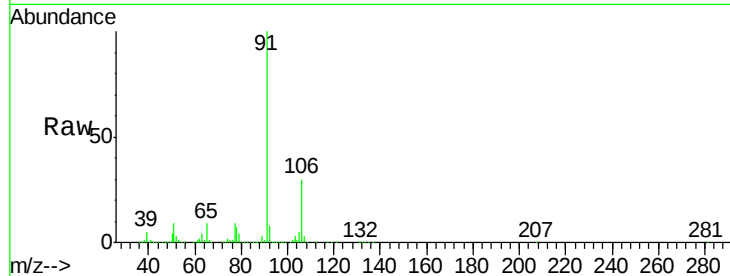
Ion Ratio Lower Upper

91 100

106 30.3 24.0 36.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 102.993 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019566.D

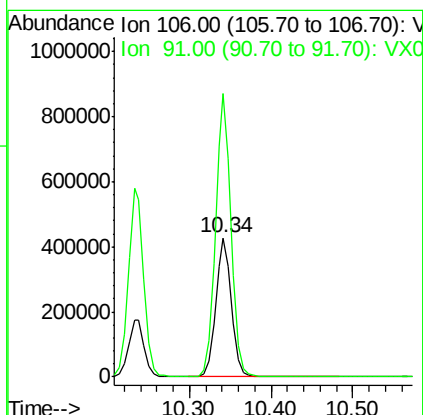
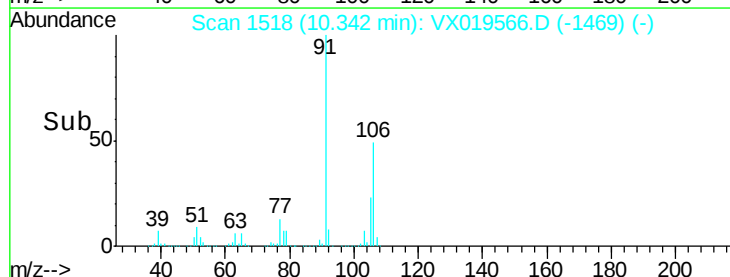
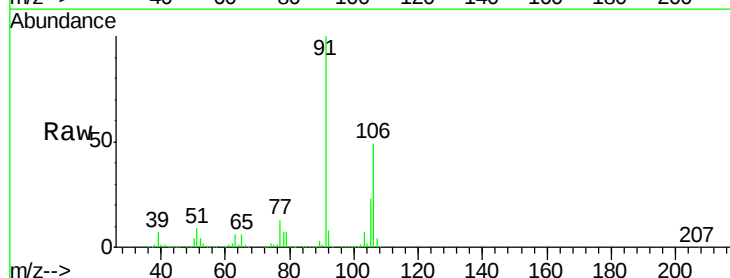
Acq: 23 Nov 2020 21:42

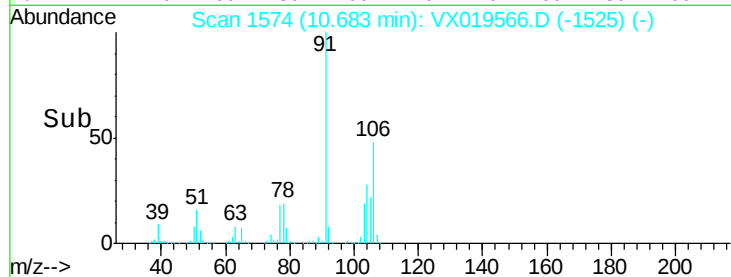
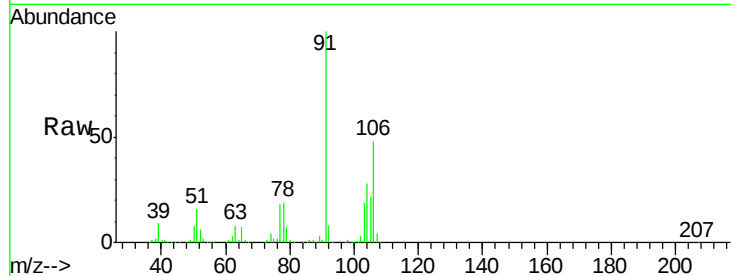
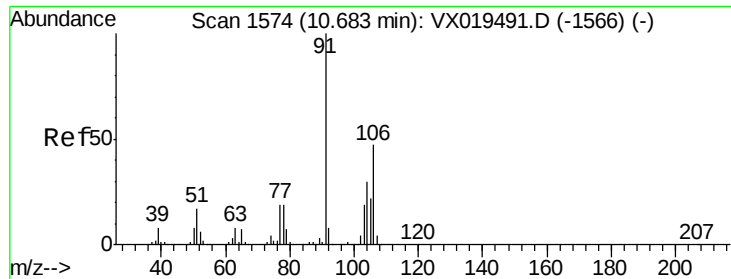
Tgt Ion: 106 Resp: 576133

Ion Ratio Lower Upper

106 100

91 202.4 163.3 244.9





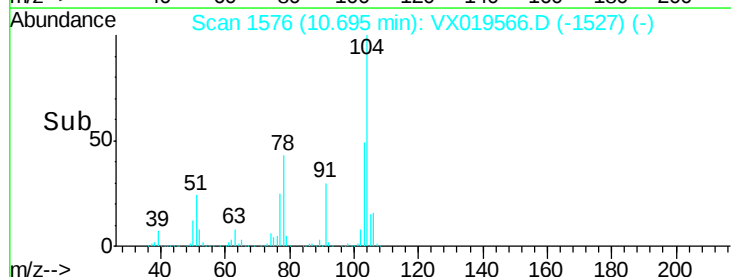
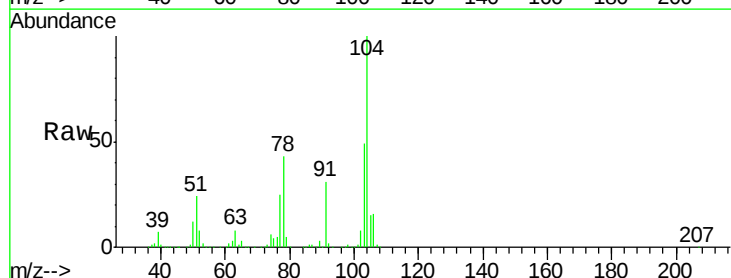
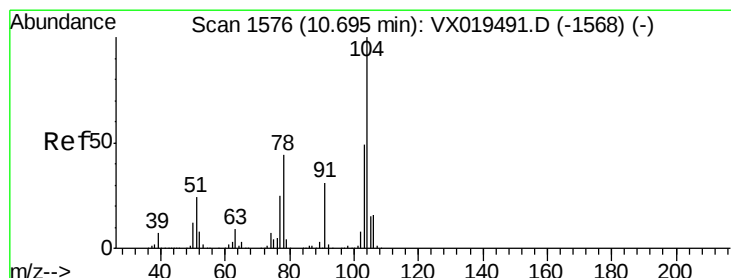
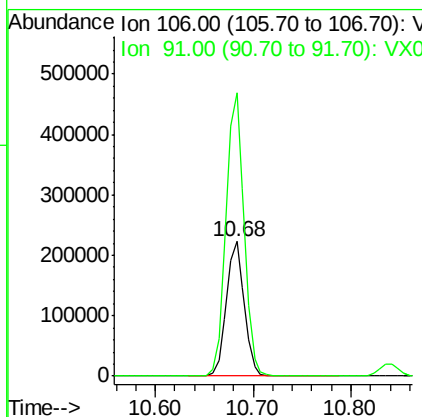
#69
o-Xylene
Concen: 52.859 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tot Ion:106 Resp: 282658
Ion Ratio Lower Upper
106 100
91 212.2 108.0 324.0

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

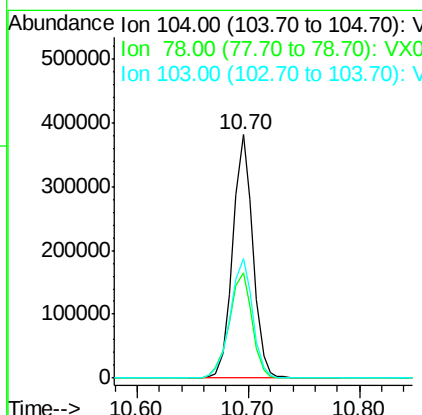
Manual Integrations
APPROVED

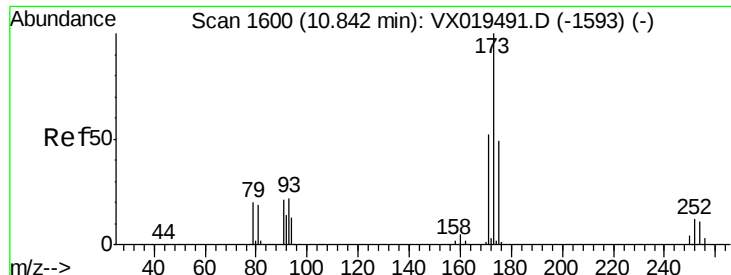
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#70
Styrene
Concen: 48.248 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion:104 Resp: 476985
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.4 43.6 65.4





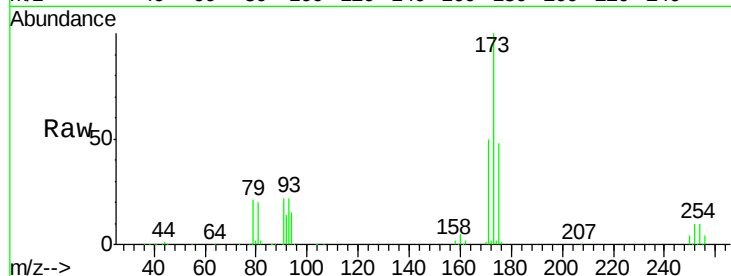
#71
Bromoform
Concen: 46.998 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.8
254	0.1	0.1	0.1

Manual Integrations
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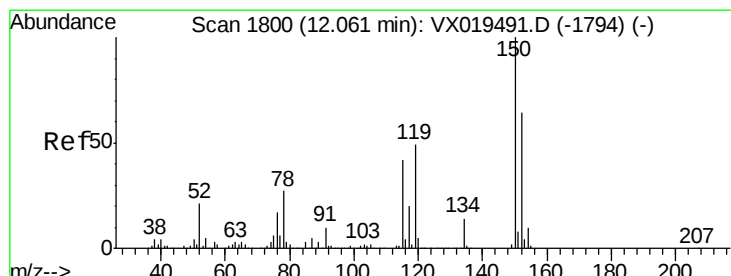
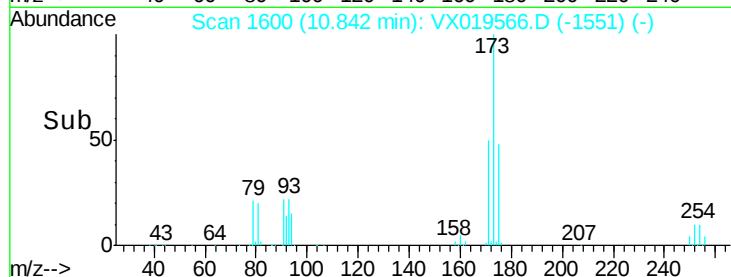
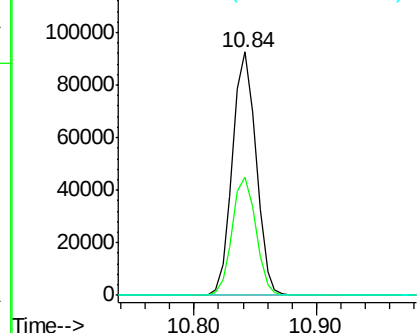


Abundance

Ion 172.70 (172.40 to 173.40): V

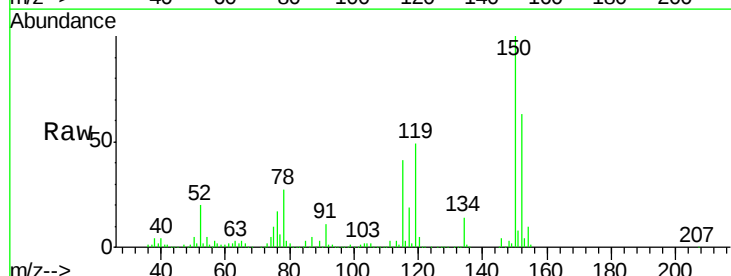
Ion 174.70 (174.40 to 175.40): V

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: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.9	41.8	125.4
150	176.8	0.0	348.2

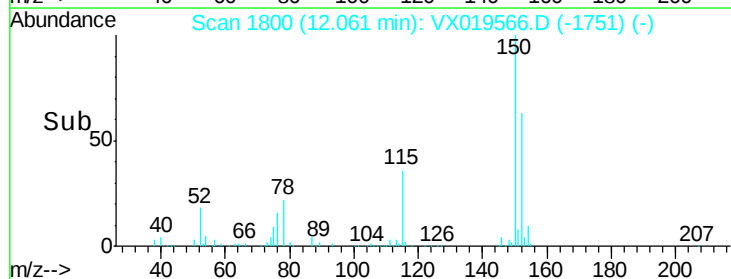
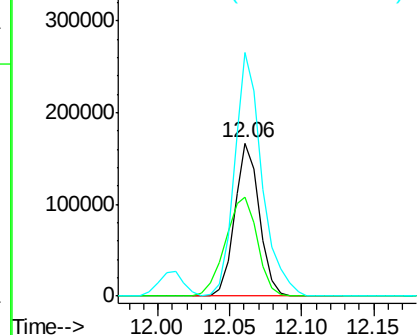


Abundance

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: 53.015 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 732890

Ion Ratio Lower Upper

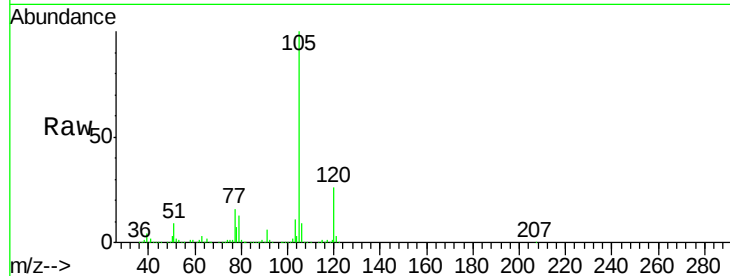
105 100

120 26.4 13.0 39.0

Manual Integrations
APPROVED

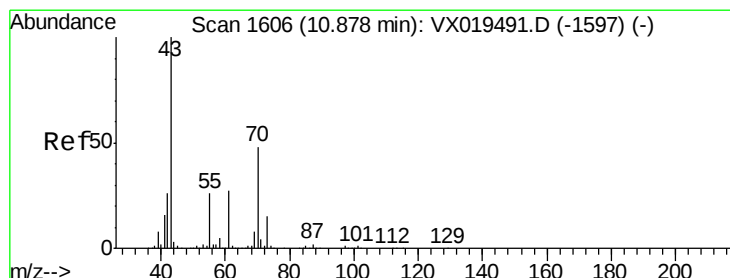
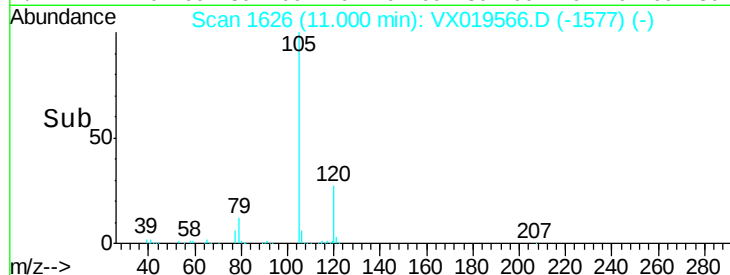
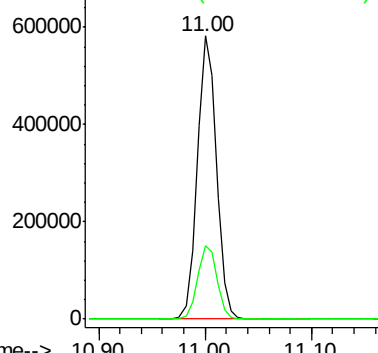
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.255 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion: 43 Resp: 291412

Ion Ratio Lower Upper

43 100

70 49.9 39.7 59.5

55 26.4 21.8 32.6

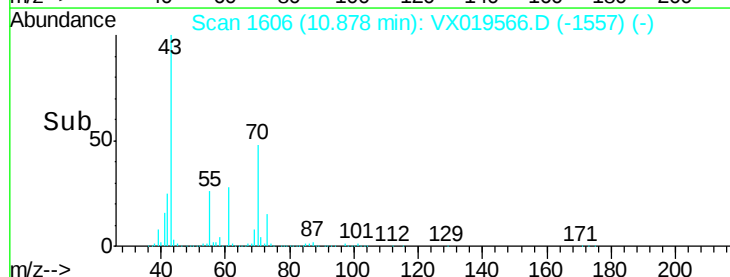
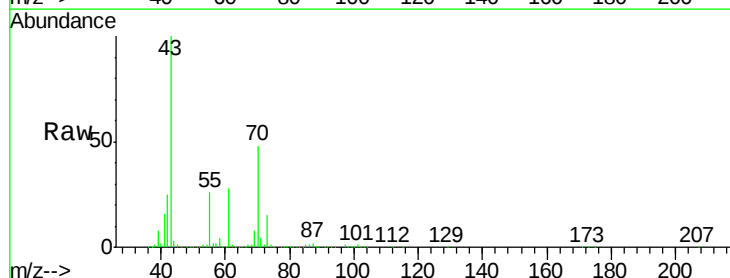
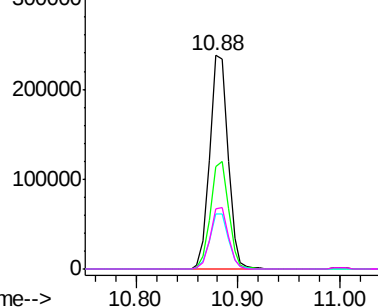
61 28.3 22.2 33.4

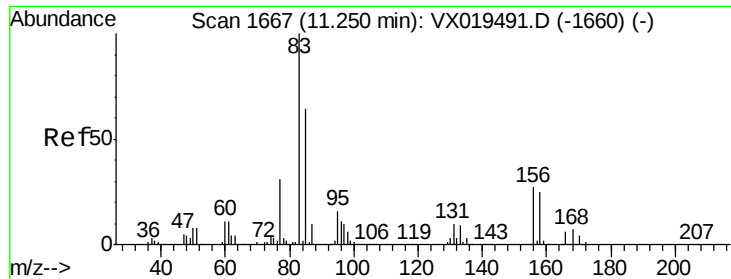
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.021 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

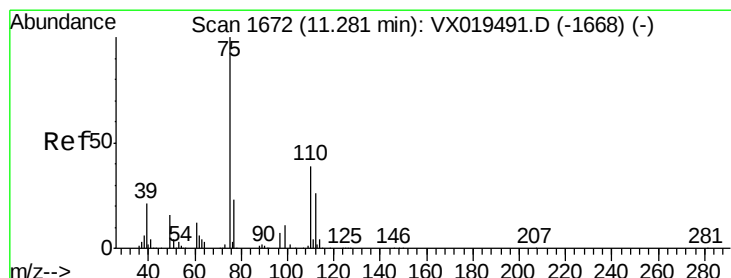
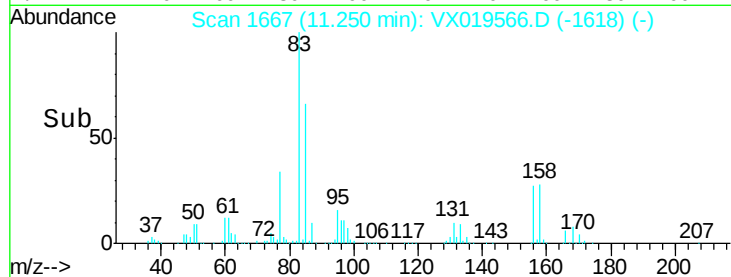
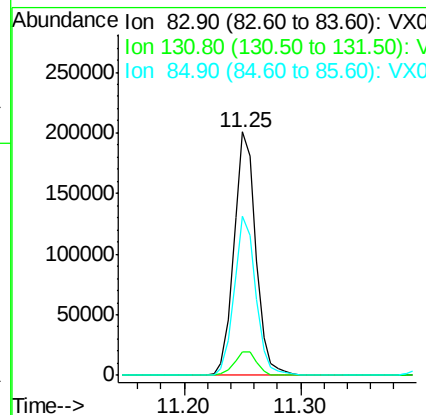
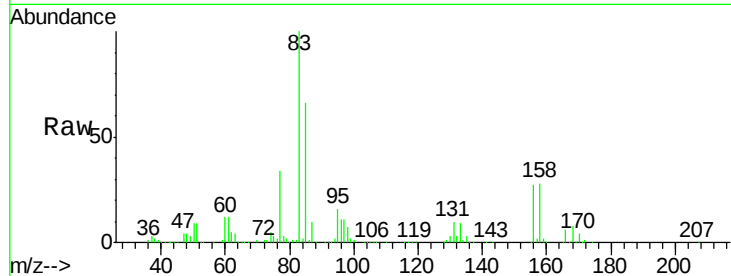
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	64.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.529 ug/l m

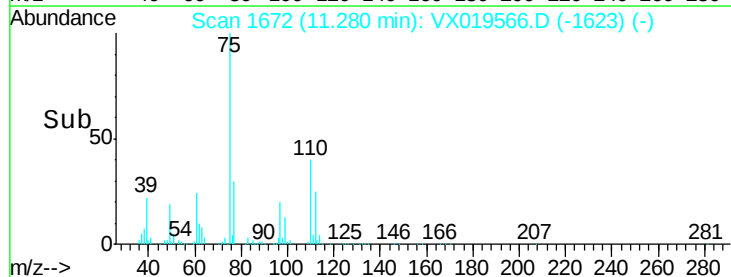
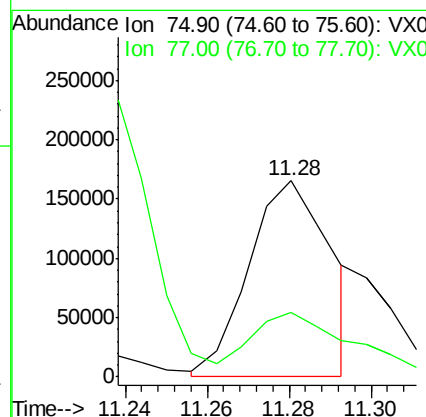
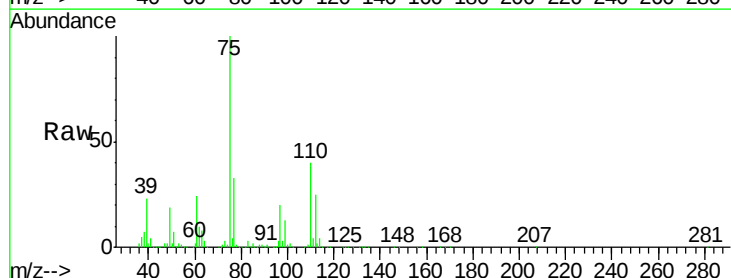
RT: 11.28 min Scan# 1672

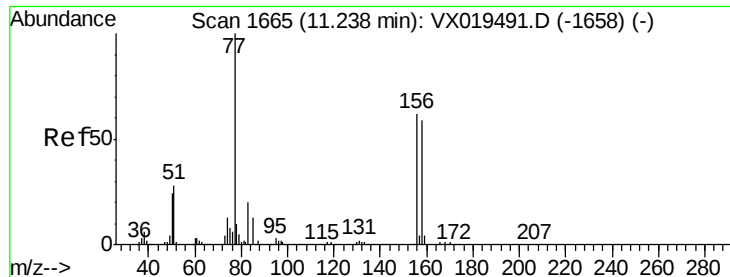
Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.9	20.0	60.0





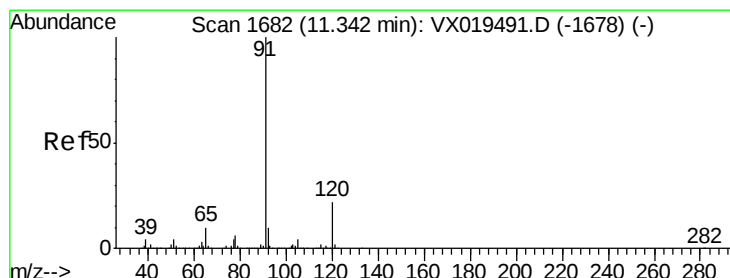
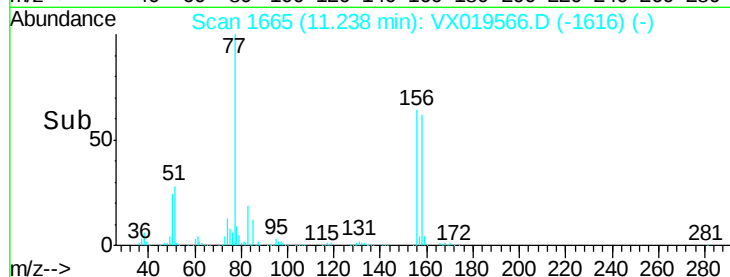
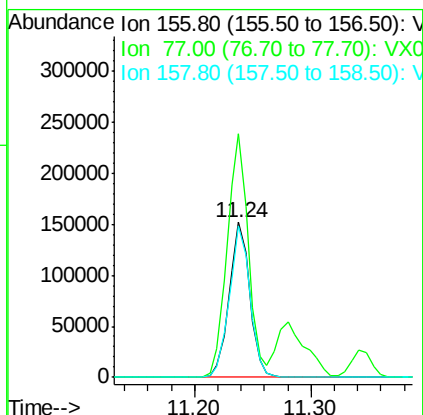
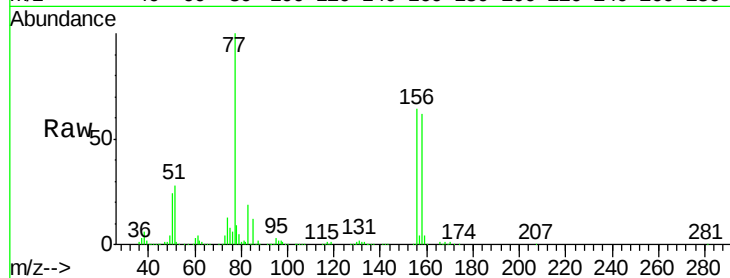
#77
Bromobenzene
Concen: 52.956 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.8	82.5	247.3
158	97.8	48.9	146.7

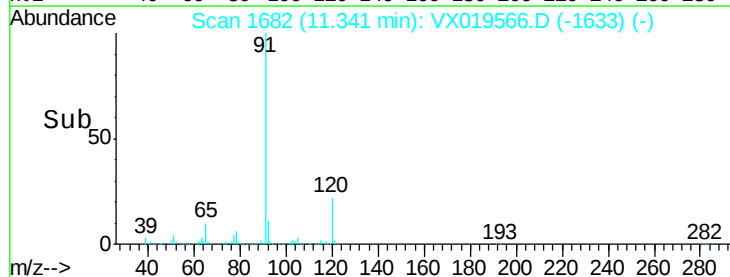
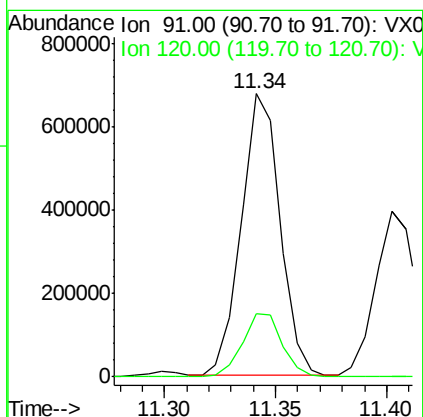
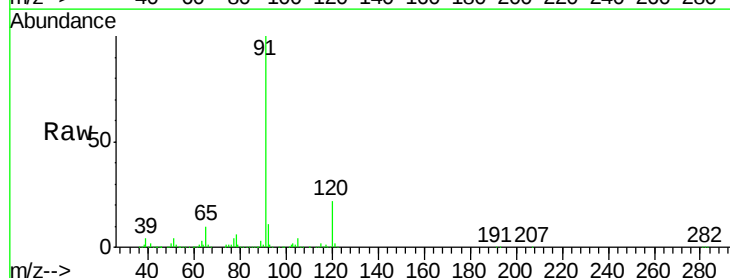
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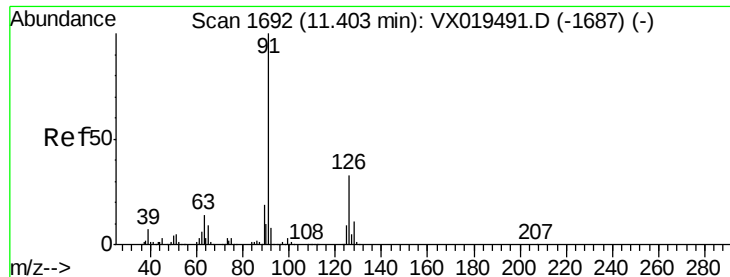
MMDadoda
11/24/2020 1:09:32 PM



#78
n-propylbenzene
Concen: 51.916 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 52.473 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019566.D

Acq: 23 Nov 2020 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 504686

Ion Ratio Lower Upper

91 100

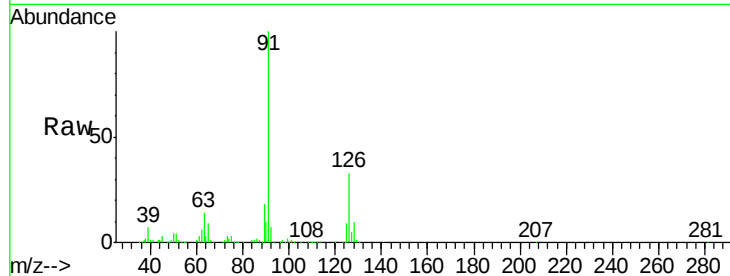
126 33.8 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

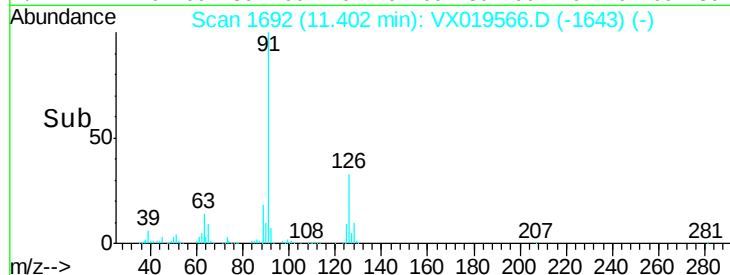
600000

400000

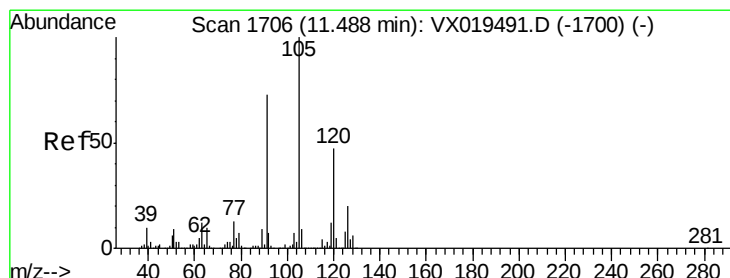
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.206 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019566.D

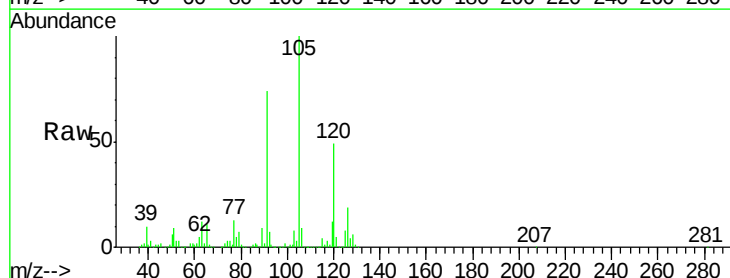
Acq: 23 Nov 2020 21:42

Tgt Ion: 105 Resp: 617021

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

500000

400000

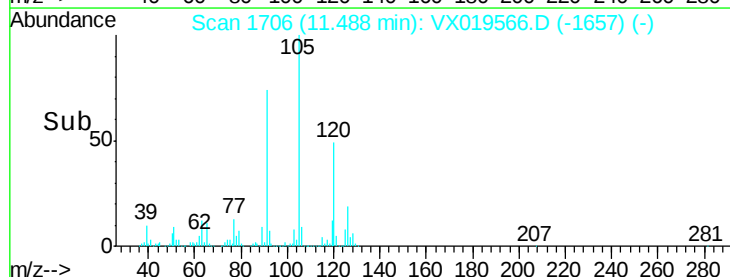
300000

200000

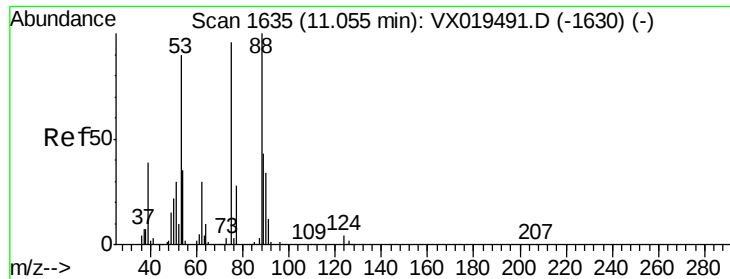
100000

0

11.40 11.50 11.60



Time-->



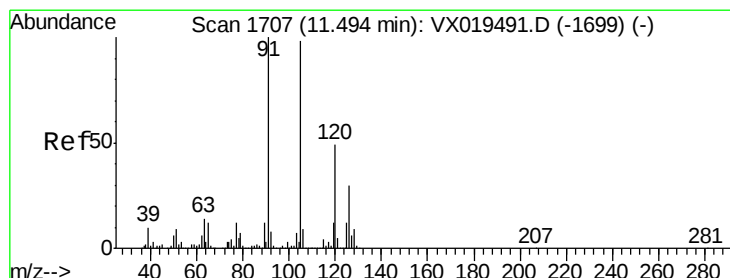
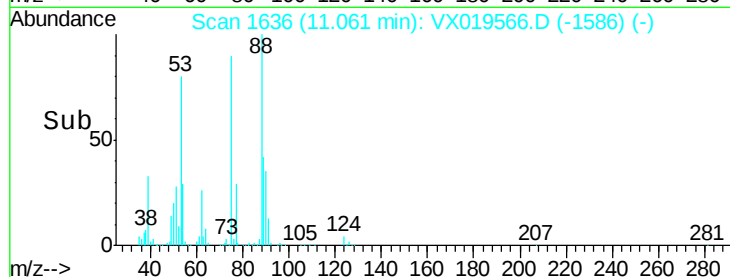
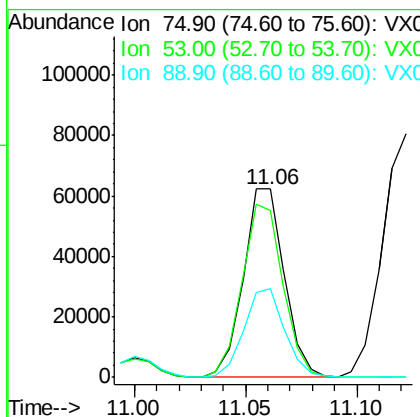
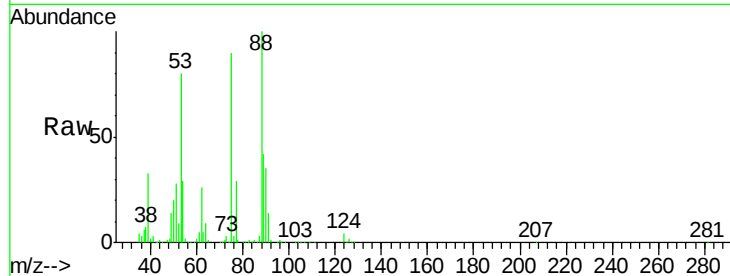
#81
trans-1,4-Dichloro-2-butene
Concen: 49.681 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	73.9	110.9
89	46.7	37.3	55.9

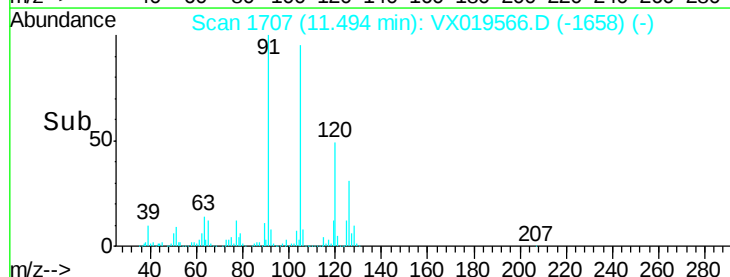
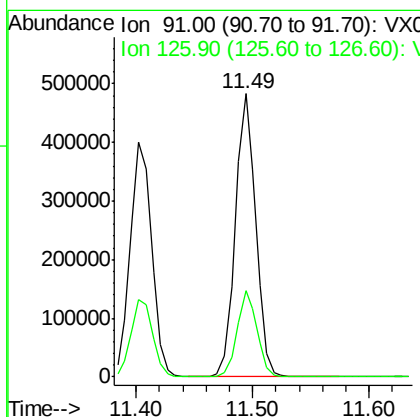
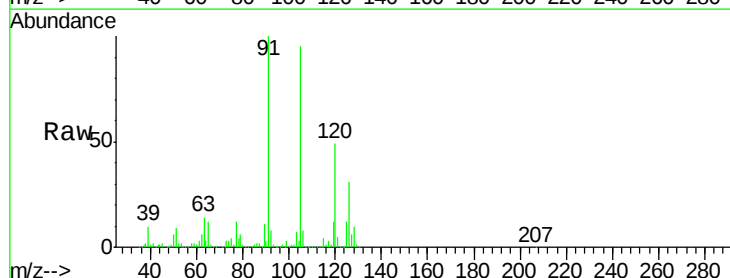
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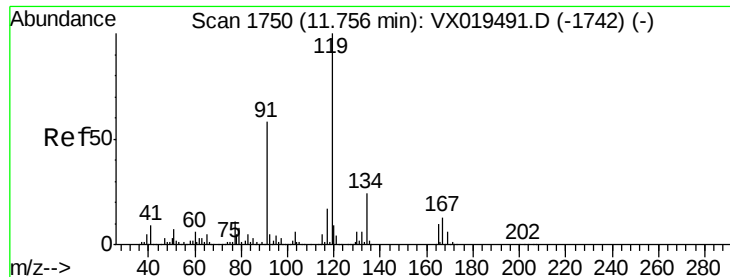
MMDadoda
11/24/2020 1:09:32 PM



#82
4-Chlorotoluene
Concen: 52.021 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.7





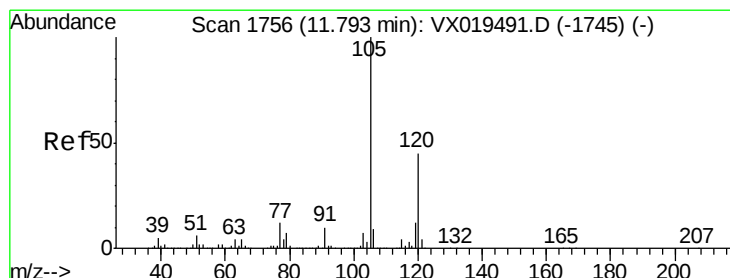
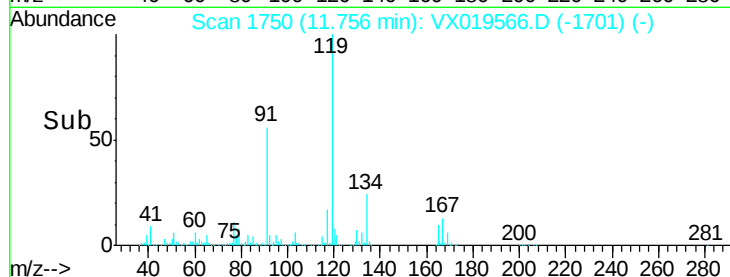
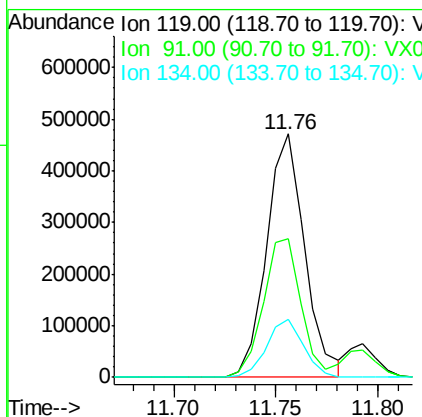
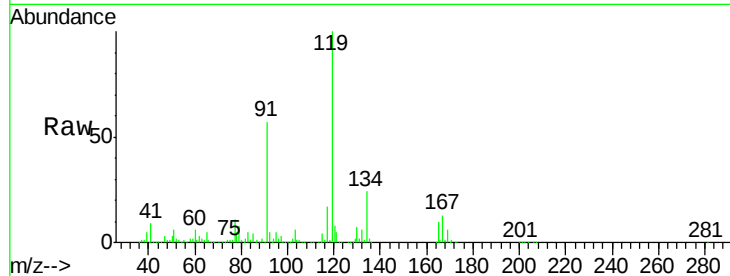
#83
 tert-Butylbenzene
 Concen: 54.765 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	28.9	86.8
134	23.0	11.7	35.0

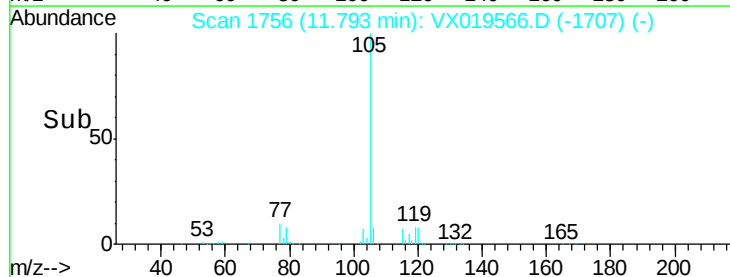
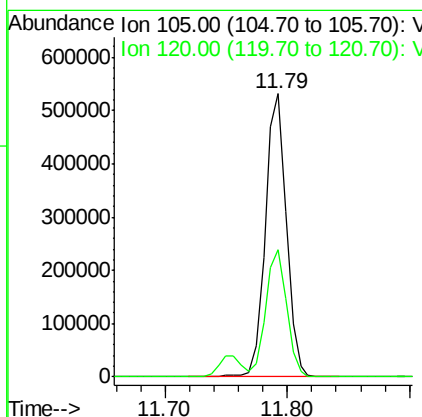
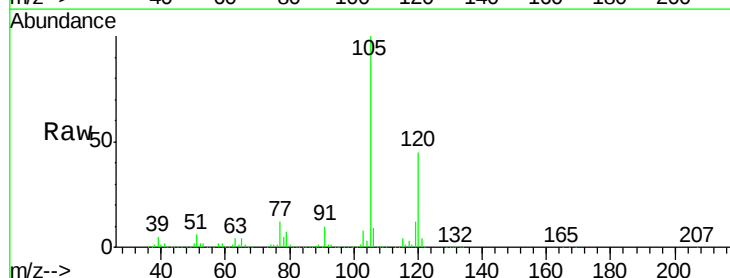
Manual Integrations
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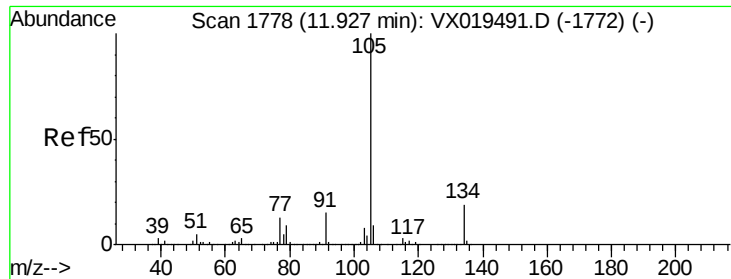
MMDadoda
 11/24/2020 1:09:32 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 54.284 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.2	66.6





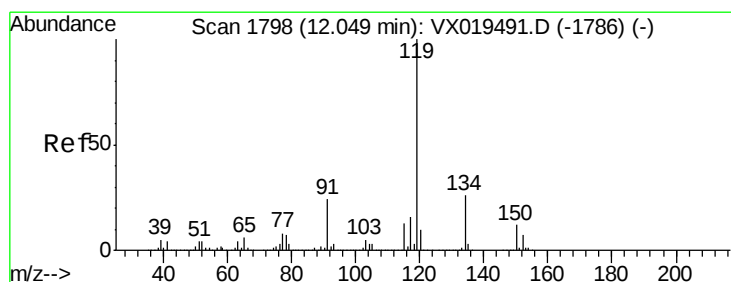
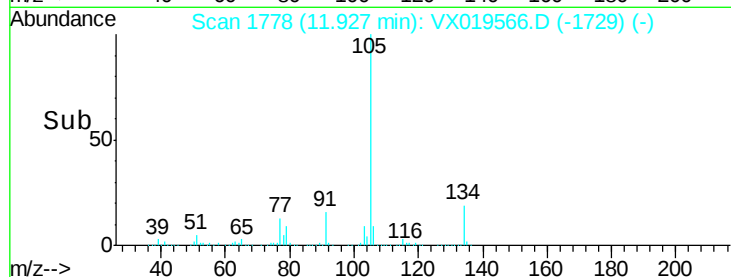
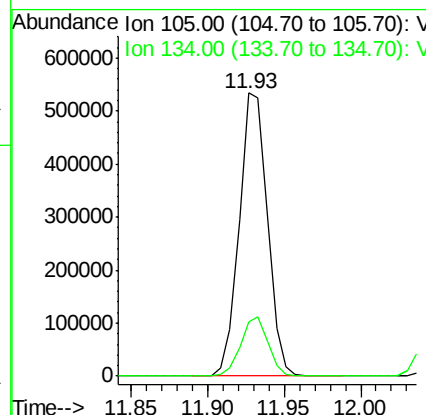
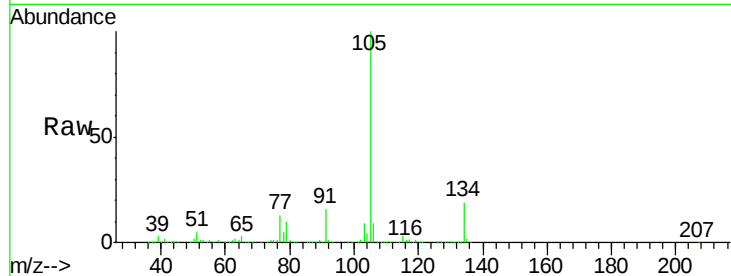
#85
 sec-Butylbenzene
 Concen: 50.979 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

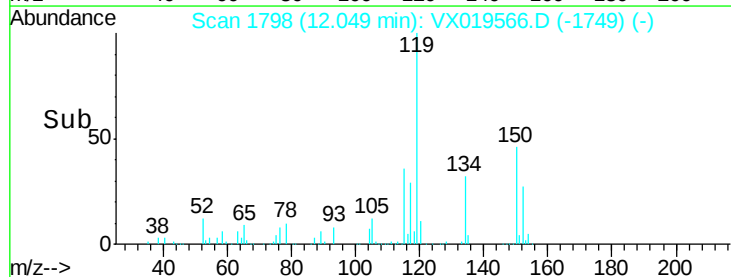
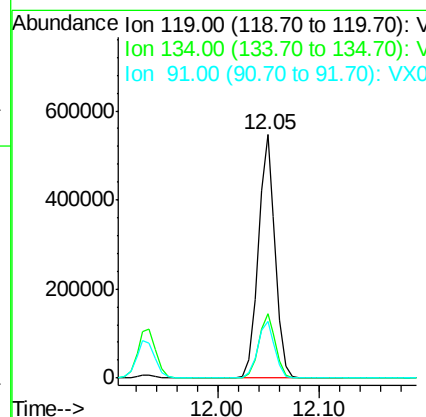
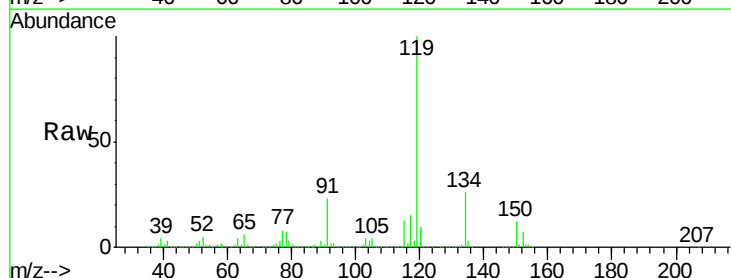
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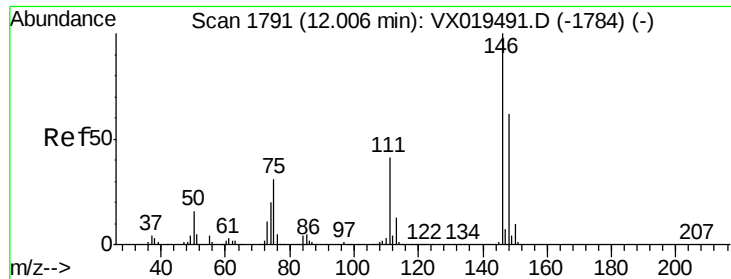
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 51.823 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	23.7	11.8	35.4





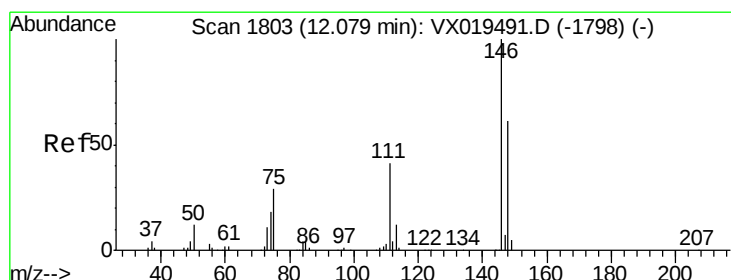
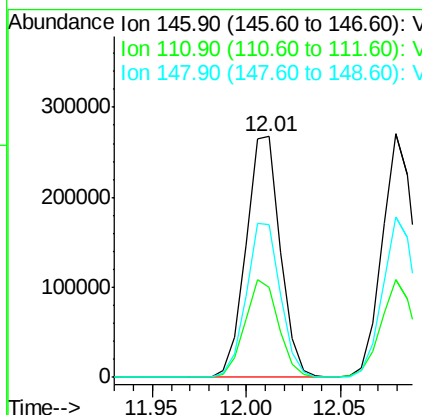
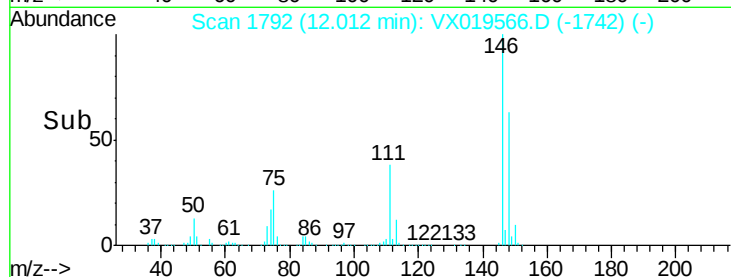
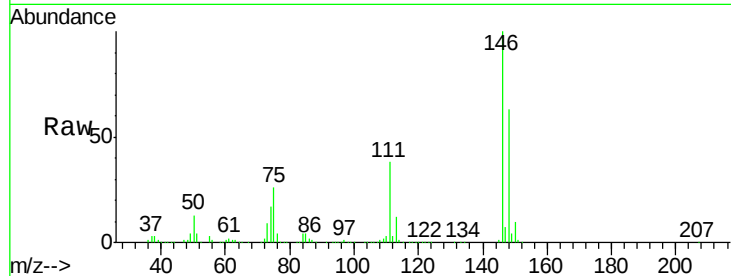
#87
 1,3-Dichlorobenzene
 Concen: 52.210 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.6
148	63.8	31.4	94.2

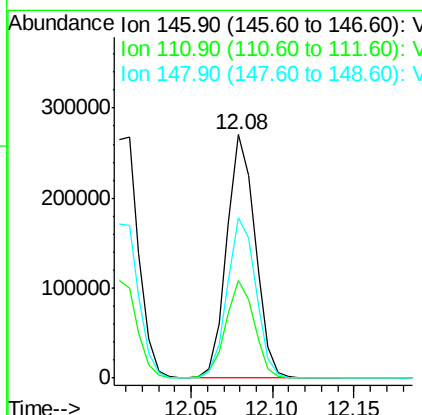
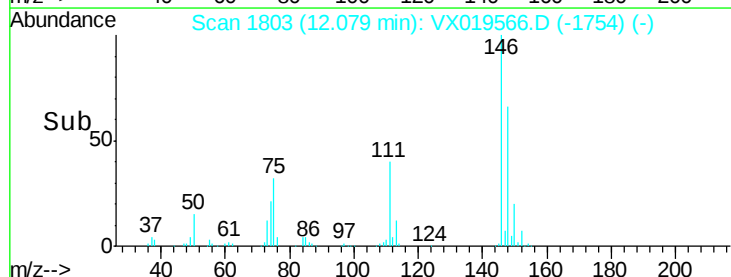
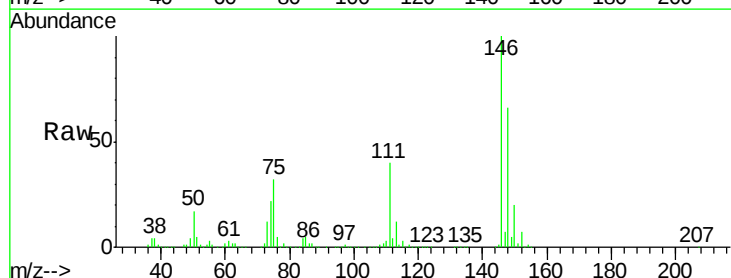
Manual Integrations
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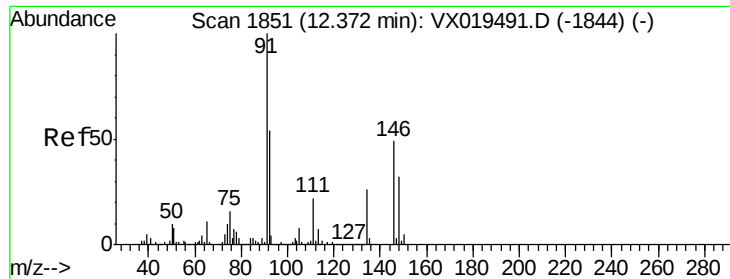
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.142 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.6
148	66.1	31.7	95.1





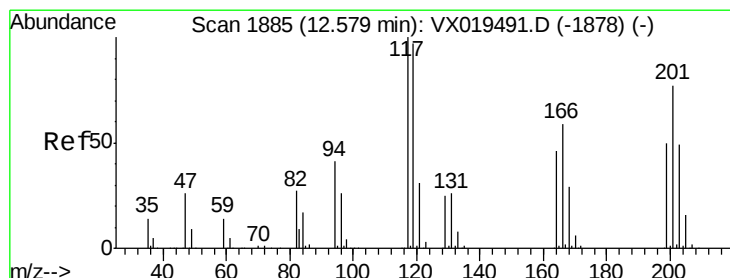
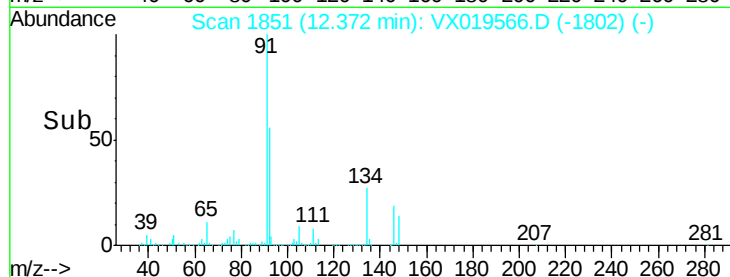
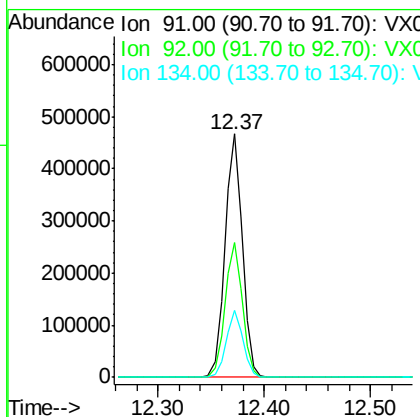
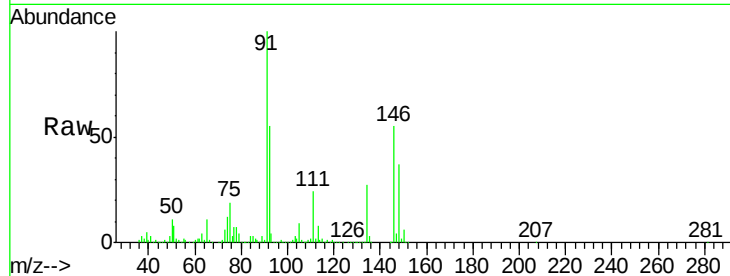
#89
n-Butylbenzene
Concen: 48.495 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	531292		
92	55.1	26.9	80.6	
134	26.6	12.9	38.6	

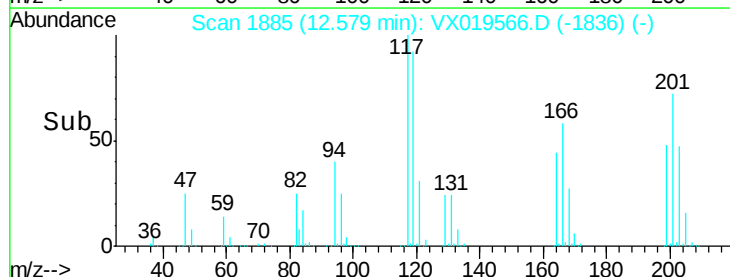
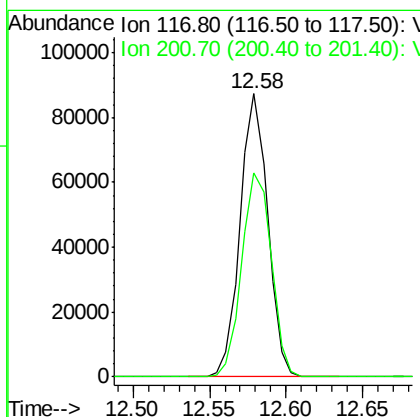
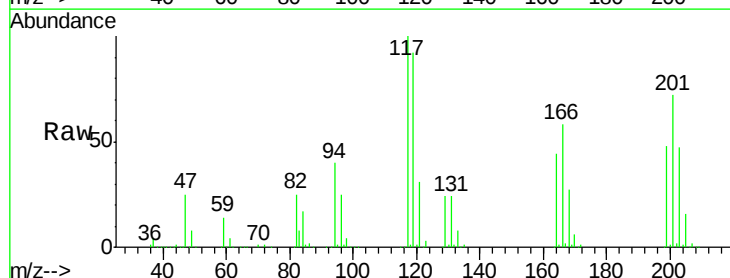
Manual Integrations
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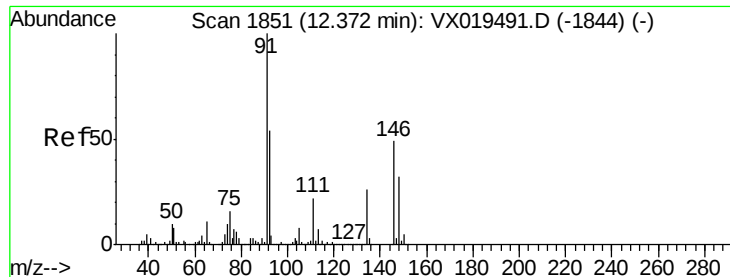
MMDadoda
11/24/2020 1:09:32 PM



#90
Hexachloroethane
Concen: 53.860 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109217		
201	77.8	39.4	118.2	





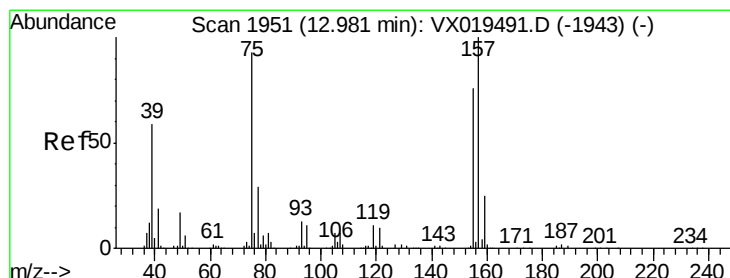
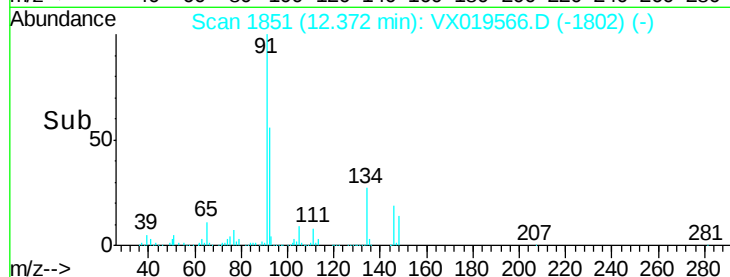
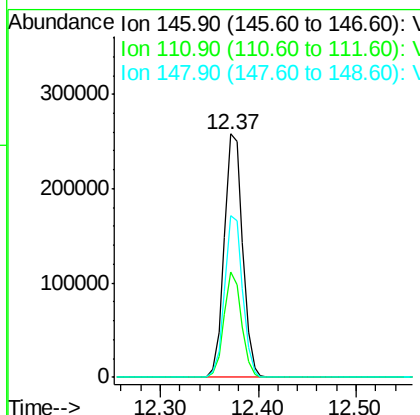
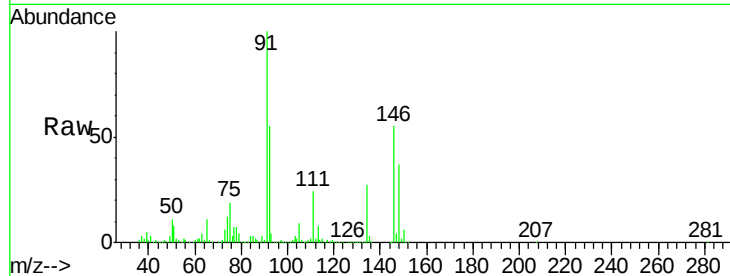
#91
 1,2-Dichlorobenzene
 Concen: 51.603 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.3
148	65.0	32.4	97.0

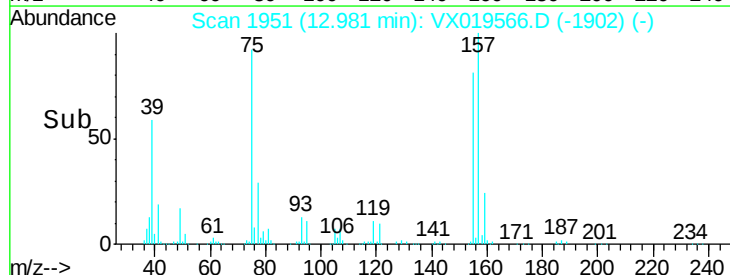
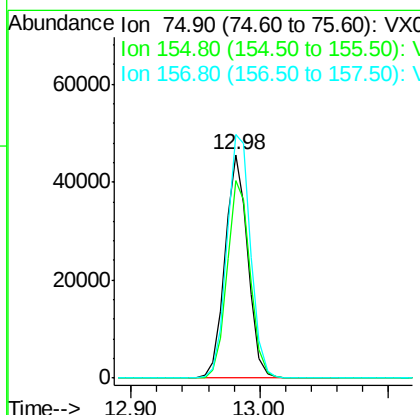
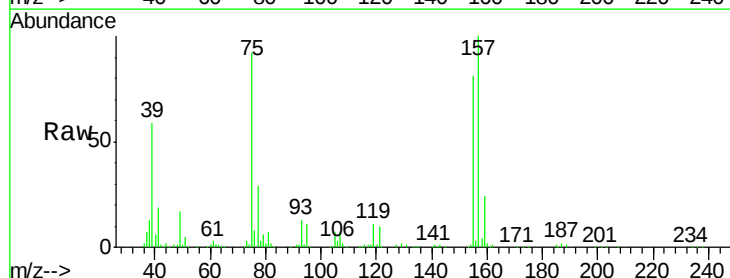
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.104 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	43.6	130.9
157	113.4	57.0	170.8





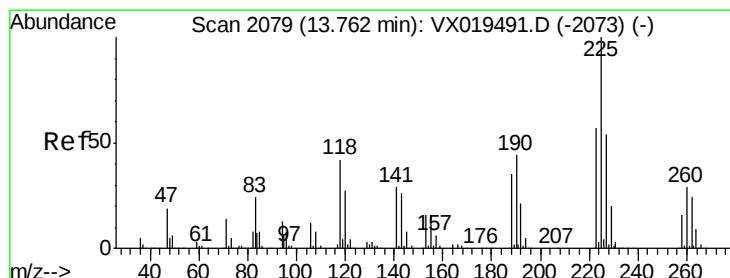
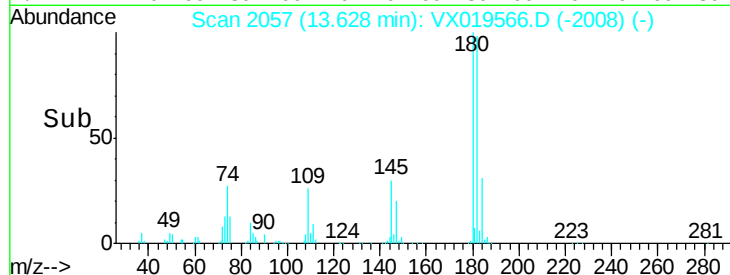
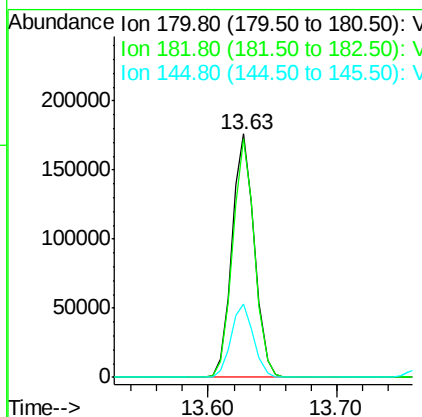
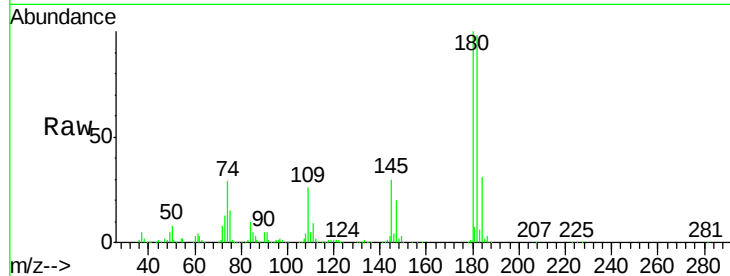
#93
 1,2,4-Trichlorobenzene
 Concen: 51.155 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	213787		
182	95.8	48.6	145.9	
145	30.5	15.9	47.7	

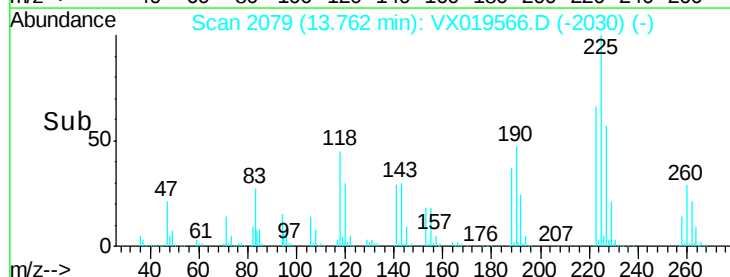
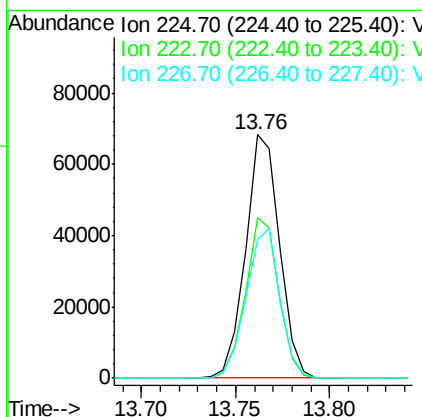
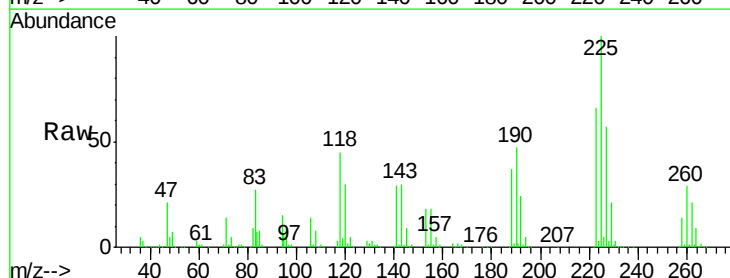
Manual Integrations
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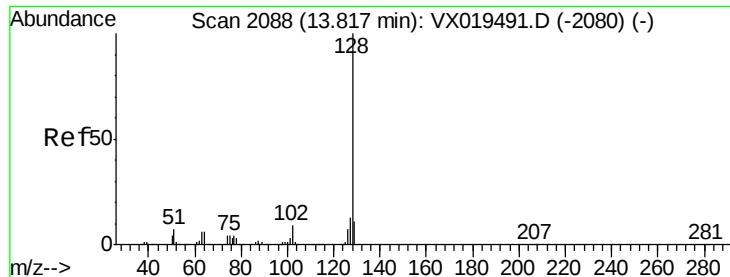
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#94
 Hexachlorobutadiene
 Concen: 44.611 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019566.D
 Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84930		
223	64.5	32.5	97.5	
227	61.5	32.8	98.3	





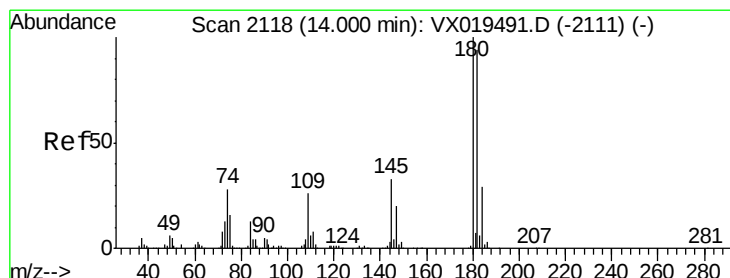
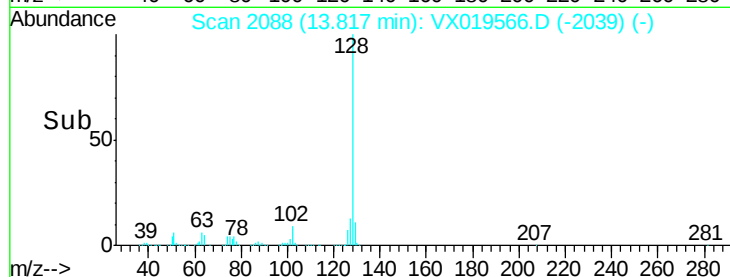
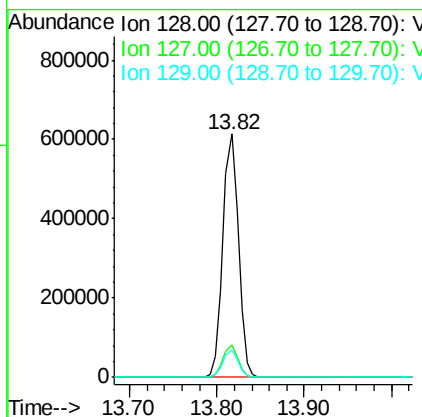
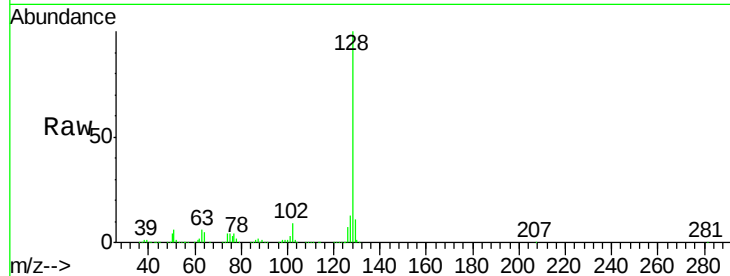
#95
Naphthalene
Concen: 50.987 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.477 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019566.D
Acq: 23 Nov 2020 21:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	48.1	144.3
145	34.3	16.6	49.8

