

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019466.D
 Acq On : 18 Nov 2020 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:52 AM

Quant Time: Nov 19 04:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	230794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171532	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	5.46	113	125699	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.70	98	491627	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.12	95	184183	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	137357	52.980	ug/l	97
3) Chloromethane	1.31	50	159761	49.692	ug/l	100
4) Vinyl Chloride	1.39	62	161319	50.264	ug/l	99
5) Bromomethane	1.62	94	80411	52.490	ug/l	99
6) Chloroethane	1.69	64	60081	55.169	ug/l	100
7) Trichlorofluoromethane	1.90	101	225854	50.276	ug/l	100
8) Diethyl Ether	2.17	74	90198	50.379	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121564	49.282	ug/l	98
10) Methyl Iodide	2.48	142	148563	48.265	ug/l	99
11) Tert butyl alcohol	3.04	59	179129	266.521	ug/l	99
12) 1,1-Dichloroethene	2.35	96	122672	49.324	ug/l	95
13) Acrolein	2.28	56	112163	232.851	ug/l	99
14) Allyl chloride	2.70	41	220820	50.653	ug/l	99
15) Acrylonitrile	3.12	53	410452	264.827	ug/l	99
16) Acetone	2.42	43	344009	245.954	ug/l	100
17) Carbon Disulfide	2.54	76	340386	50.403	ug/l	99
18) Methyl Acetate	2.75	43	171551	49.861	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	467942	52.043	ug/l	98
20) Methylene Chloride	2.83	84	152926	48.294	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140549	51.057	ug/l	97
22) Diisopropyl ether	3.82	45	465105	52.290	ug/l	99
23) Vinyl Acetate	3.78	43	2041268	270.469	ug/l	100
24) 1,1-Dichloroethane	3.67	63	263718	50.520	ug/l	99
25) 2-Butanone	4.64	43	546982	262.133	ug/l	100
26) 2,2-Dichloropropane	4.55	77	217715	48.835	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	160497	51.312	ug/l	99
28) Bromochloromethane	4.98	49	120075	48.416	ug/l	99
29) Tetrahydrofuran	5.09	42	356413	264.964	ug/l	99
30) Chloroform	5.17	83	270935	50.893	ug/l	98
31) Cyclohexane	5.54	56	230356	50.717	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	238409	51.323	ug/l	100
36) 1,1-Dichloropropene	5.76	75	202212	50.249	ug/l	99
37) Ethyl Acetate	4.79	43	215946	52.162	ug/l	99
38) Carbon Tetrachloride	5.75	117	202690	51.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	232277	51.334	ug/l	97
40) Benzene	6.11	78	603984	50.374	ug/l	100
41) Methacrylonitrile	5.01	41	120678	53.225	ug/l	98
42) 1,2-Dichloroethane	6.16	62	229503	50.373	ug/l	100
43) Isopropyl Acetate	6.42	43	354517	51.671	ug/l	99
44) Trichloroethene	7.18	130	150119	49.660	ug/l	95
45) 1,2-Dichloropropane	7.49	63	157999	50.820	ug/l	99
46) Dibromomethane	7.63	93	105040	51.437	ug/l	99
47) Bromodichloromethane	7.87	83	212827	52.684	ug/l	98
48) Methyl methacrylate	7.74	41	177328	53.502	ug/l	100
49) 1,4-Dioxane	7.72	88	71162	1089.154	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1091339	267.938	ug/l	99
52) Toluene	8.76	92	385943	53.026	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	236982	48.149	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255496	48.209	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152969	51.891	ug/l	98
56) Ethyl methacrylate	9.16	69	239599	49.709	ug/l	99
57) 1,3-Dichloropropane	9.35	76	267526	52.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	653072	270.315	ug/l	100
59) 2-Hexanone	9.48	43	825570	267.624	ug/l	100
60) Dibromochloromethane	9.56	129	154342	48.138	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160528	52.534	ug/l	99
64) Tetrachloroethene	9.32	164	140256	47.571	ug/l	99
65) Chlorobenzene	10.12	112	395283	51.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	145275	48.128	ug/l	98
67) Ethyl Benzene	10.23	91	739521	52.875	ug/l	100
68) m/p-Xylenes	10.34	106	541243	106.128	ug/l	98
69) o-Xylene	10.68	106	256685	52.853	ug/l	97
70) Styrene	10.70	104	440553	47.760	ug/l	100
71) Bromoform	10.84	173	103438	45.501	ug/l #	99
73) Isopropylbenzene	11.00	105	699057	52.989	ug/l	100
74) N-amyl acetate	10.88	43	303838	54.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	237875	52.250	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222231m	51.082	ug/l	
77) Bromobenzene	11.24	156	159883	51.436	ug/l	100
78) n-propylbenzene	11.34	91	817745	53.721	ug/l	99
79) 2-Chlorotoluene	11.40	91	490002	52.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	601978	53.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75031	46.951	ug/l	99
82) 4-Chlorotoluene	11.49	91	580852	52.621	ug/l	99
83) tert-Butylbenzene	11.76	119	555482	53.793	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	604248	53.838	ug/l	98
85) sec-Butylbenzene	11.93	105	685175	54.103	ug/l	100
86) p-Isopropyltoluene	12.05	119	613186	48.401	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	298460	50.626	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	303011	50.120	ug/l	100
89) n-Butylbenzene	12.37	91	568041	52.873	ug/l	100
90) Hexachloroethane	12.58	117	103551	47.120	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	295615	50.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54759	53.163	ug/l	99

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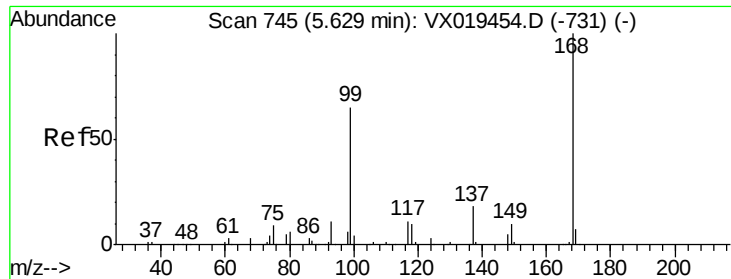
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	189485	46.513	ug/l	99
94) Hexachlorobutadiene	13.76	225	81614	51.041	ug/l	97
95) Naphthalene	13.82	128	671555	48.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187745	46.694	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

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 230794

Ion Ratio Lower Upper

168 100

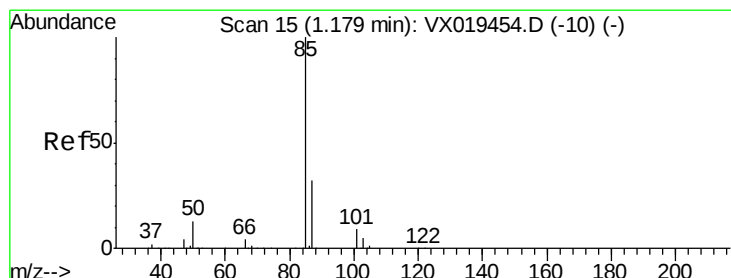
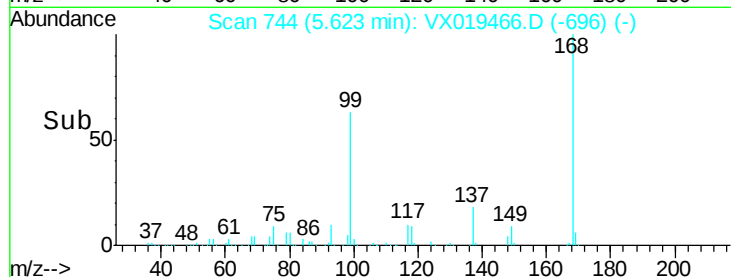
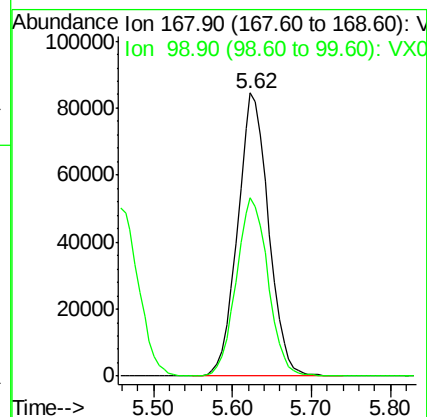
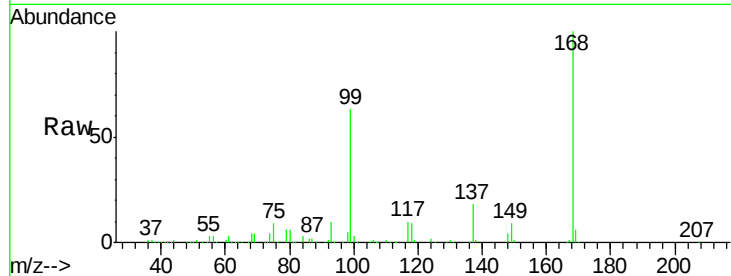
99 62.9 52.1 78.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 52.980 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX019466.D

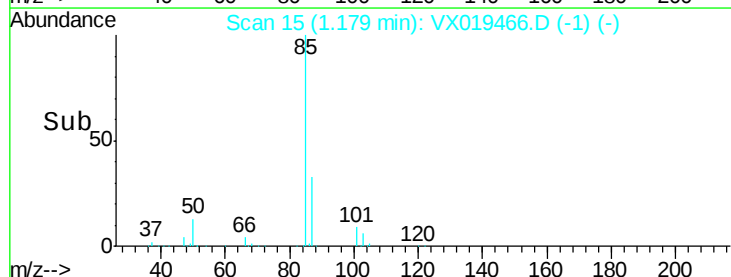
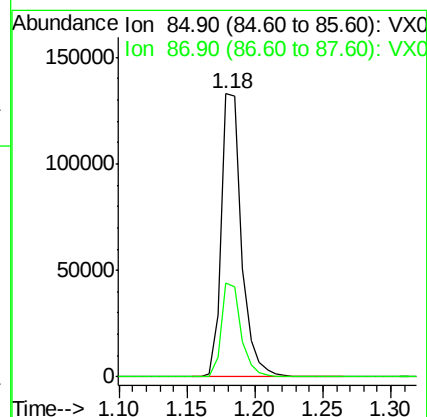
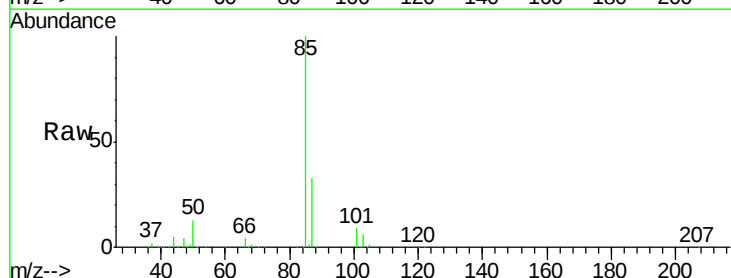
Acq: 18 Nov 2020 21:18

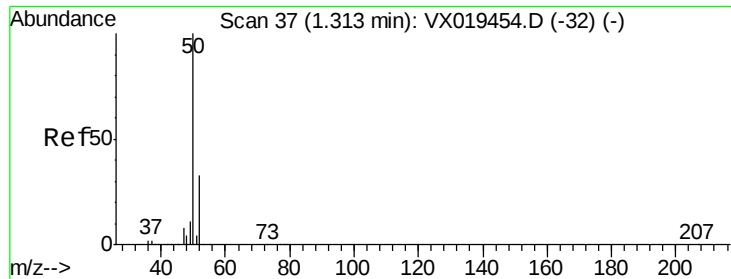
Tgt Ion: 85 Resp: 137357

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4





#3

Chloromethane

Concen: 49.692 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 159761

Ion Ratio Lower Upper

50 100

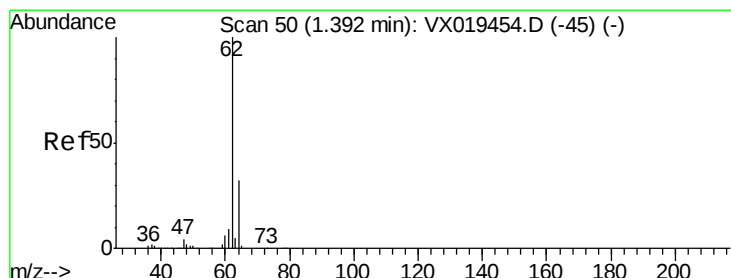
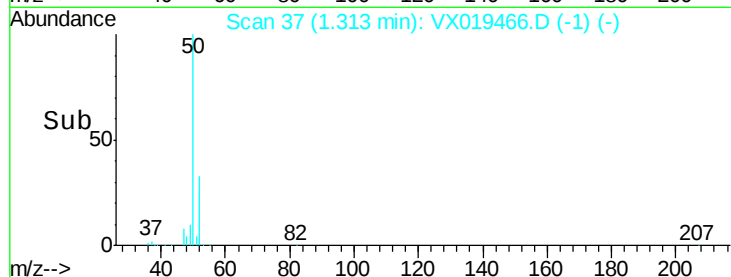
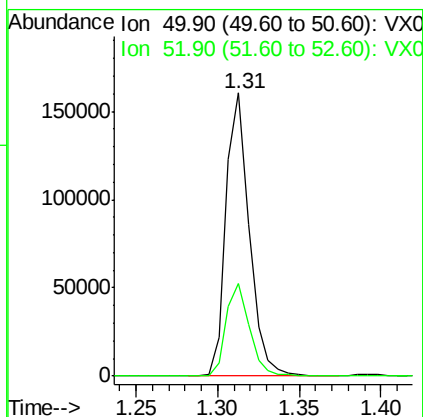
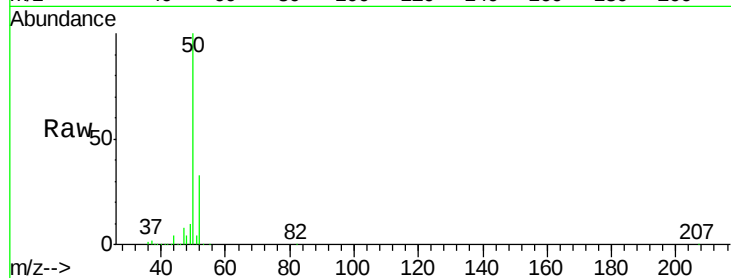
52 32.7 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.264 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019466.D

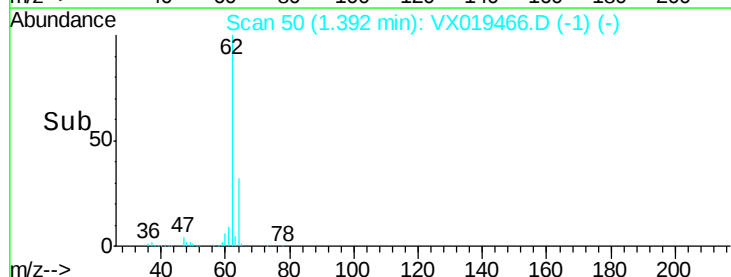
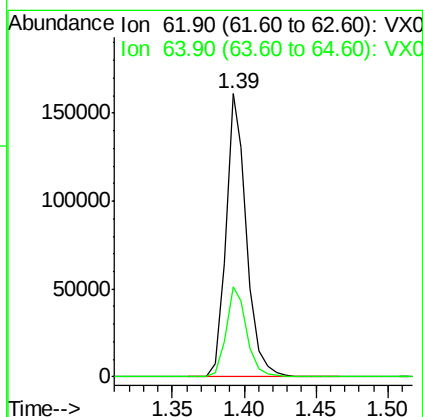
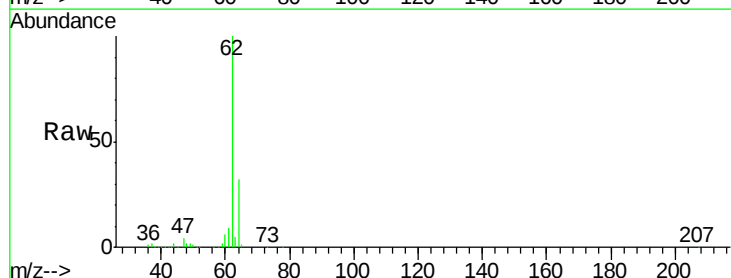
Acq: 18 Nov 2020 21:18

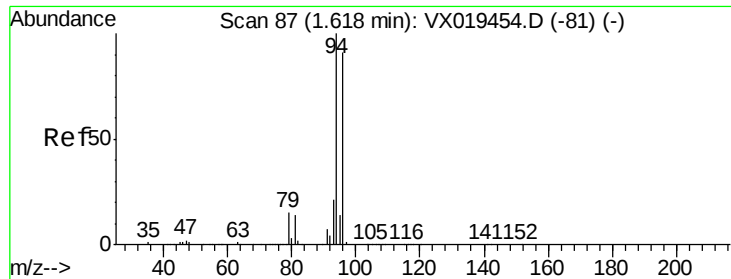
Tgt Ion: 62 Resp: 161319

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 52.490 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 80411

Ion Ratio Lower Upper

94 100

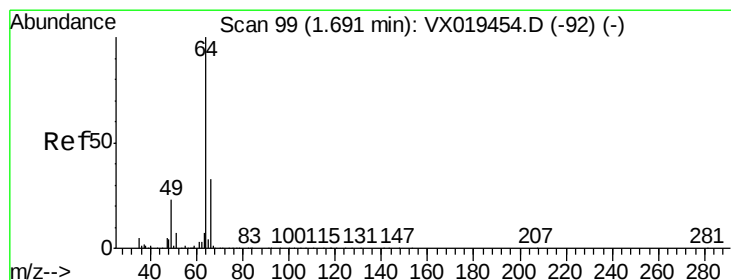
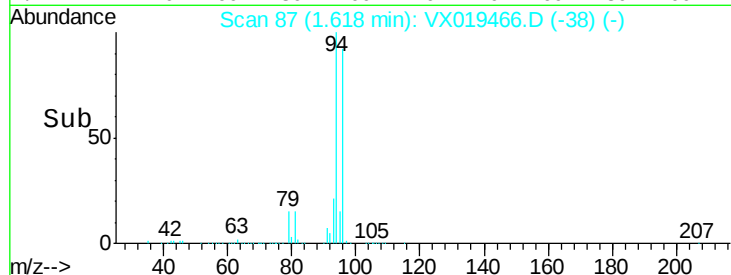
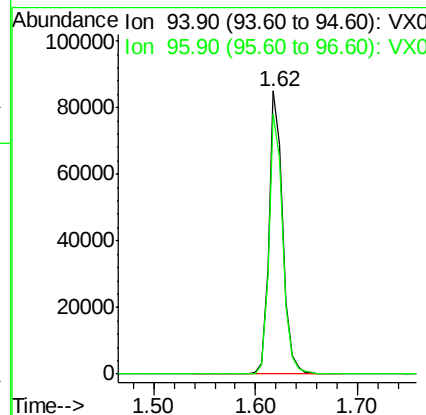
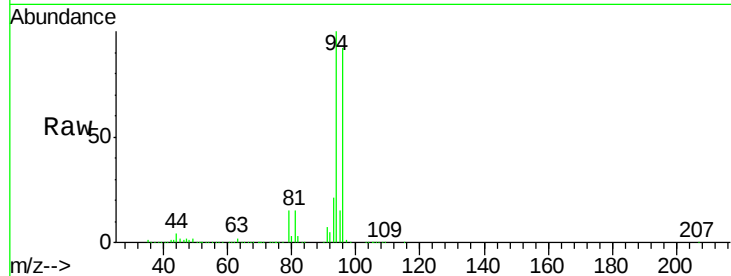
96 91.8 72.4 108.6

Manual Integrations

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#6

Chloroethane

Concen: 55.169 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019466.D

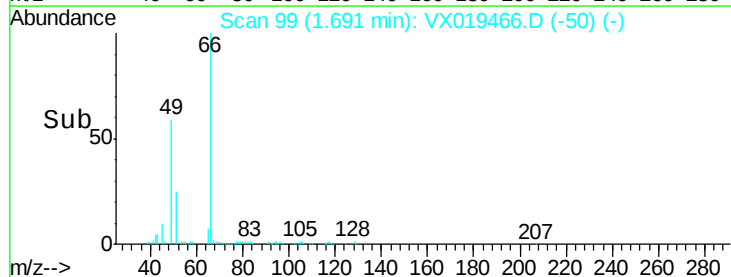
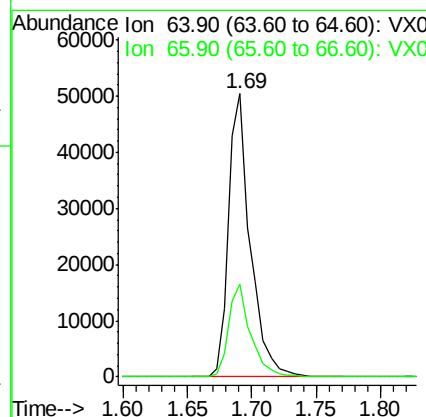
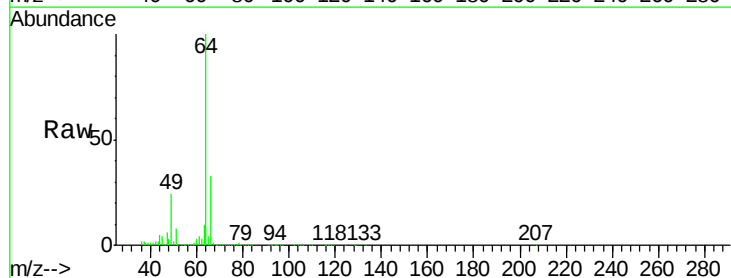
Acq: 18 Nov 2020 21:18

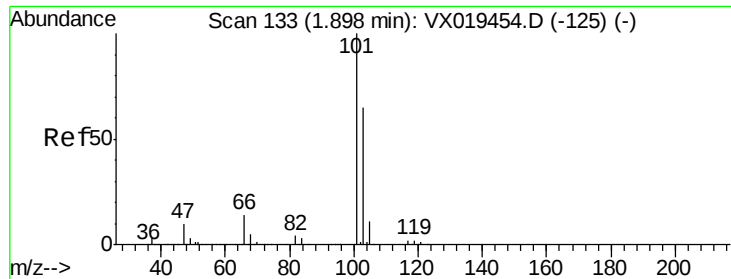
Tgt Ion: 64 Resp: 60081

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1





#7

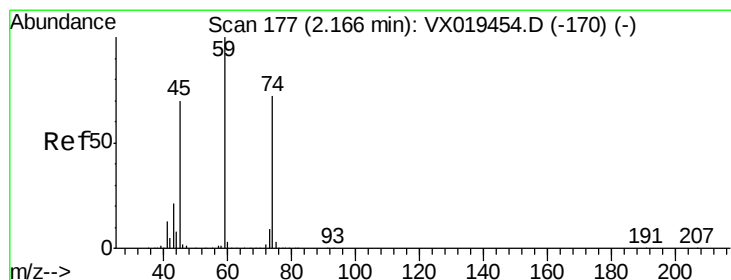
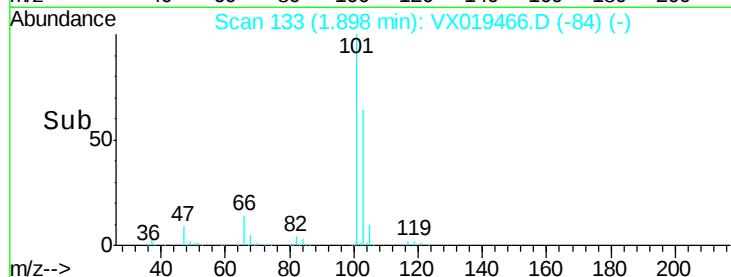
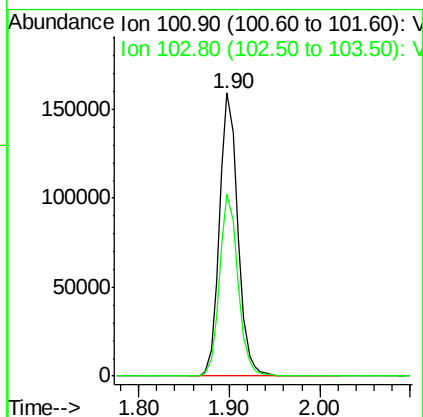
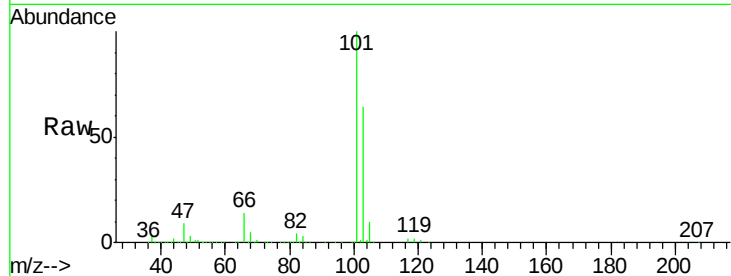
Trichlorofluoromethane
Concen: 50.276 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.8

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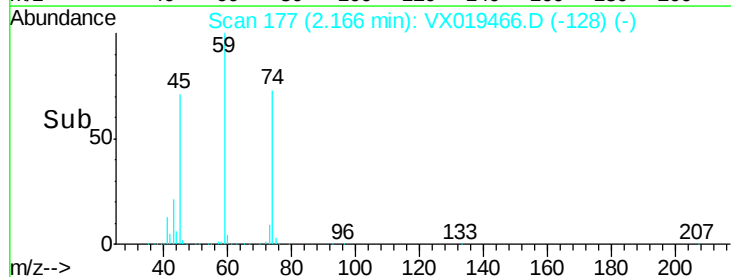
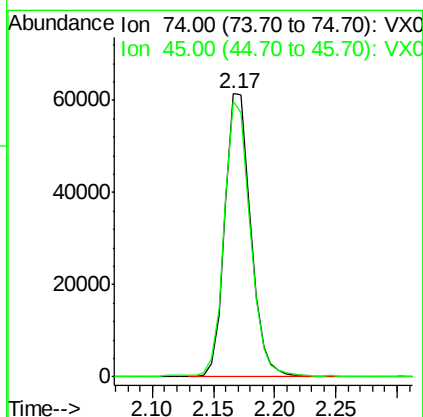
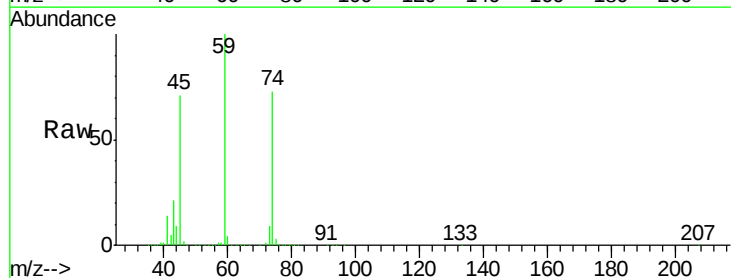
MMDadoda
11/19/2020 11:58:52 AM

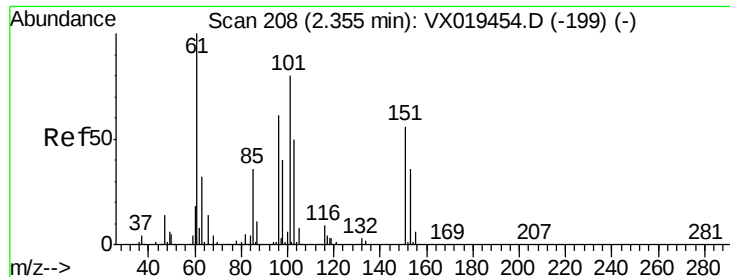


#8

Diethyl Ether
Concen: 50.379 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	48.8	146.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.282 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

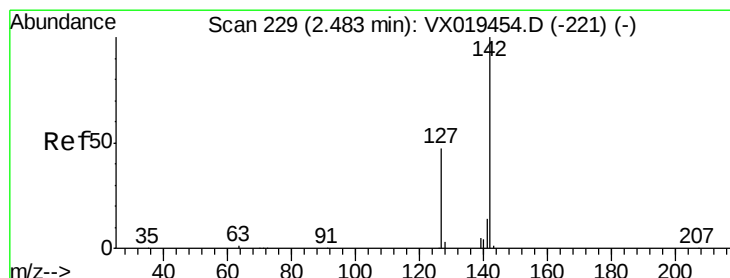
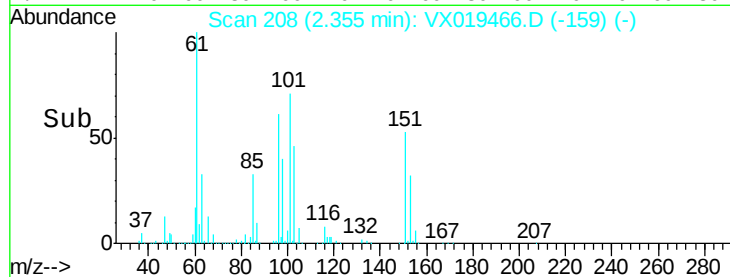
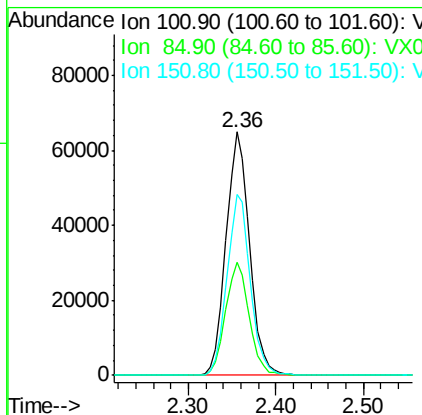
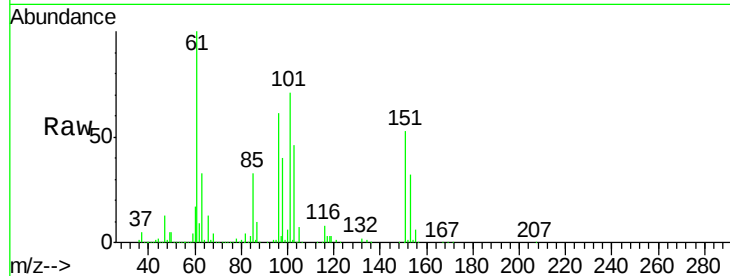
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121564
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.9	55.3
151	73.3	56.8	85.2

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#10

Methyl Iodide

Concen: 48.265 ug/l

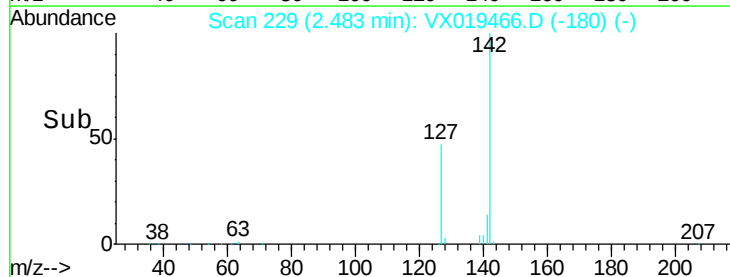
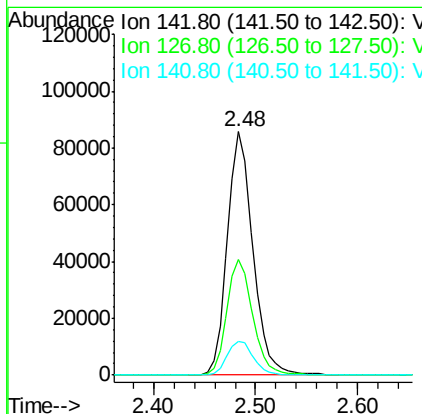
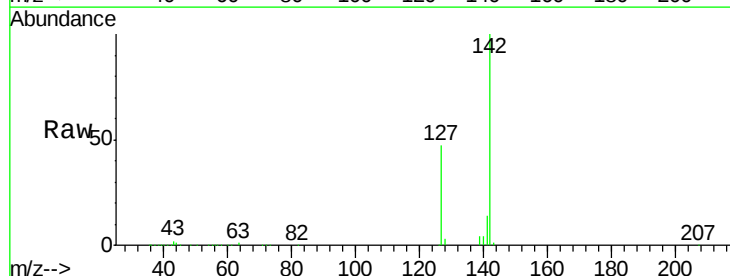
RT: 2.48 min Scan# 229

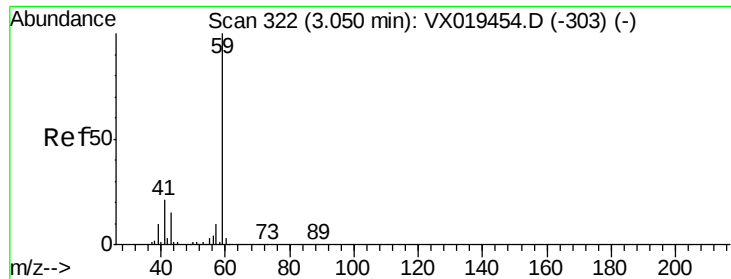
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	142	Resp:	148563
Ion Ratio	Lower	Upper	
142	100		
127	48.1	37.8	56.6
141	14.5	11.4	17.2





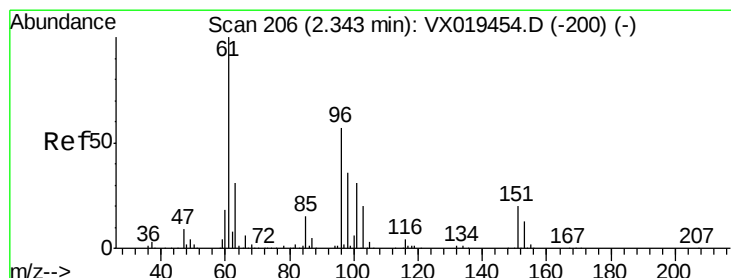
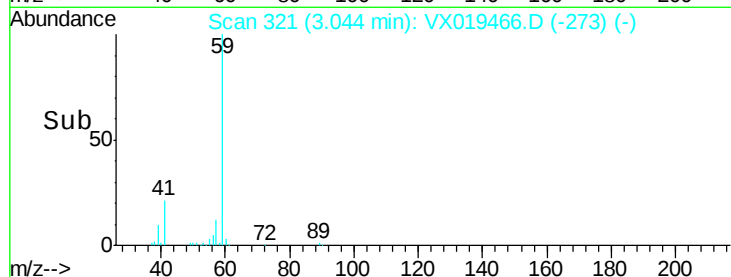
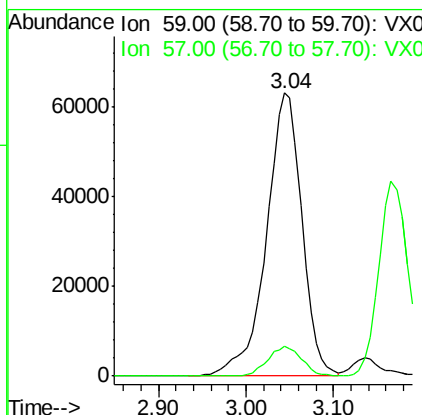
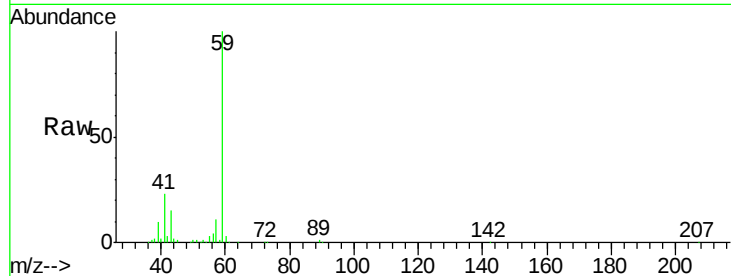
#11
Tert butyl alcohol
Concen: 266.521 ug/l
RT: 3.04 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 179129
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

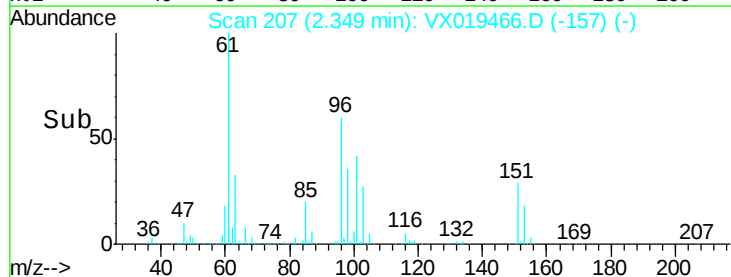
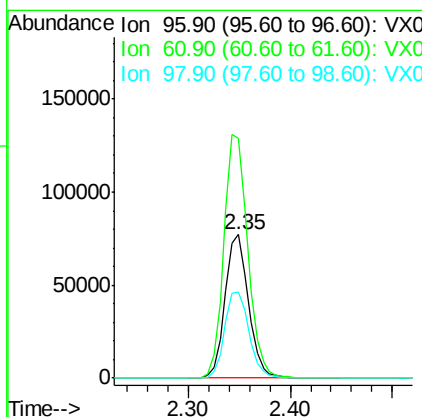
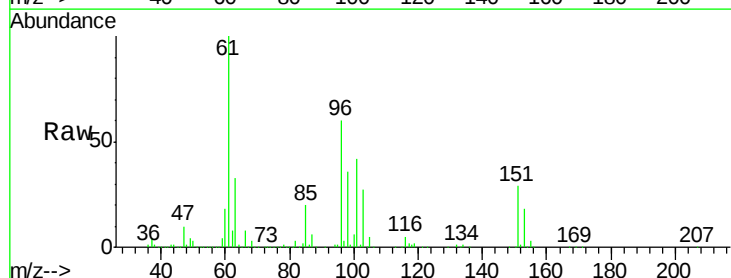
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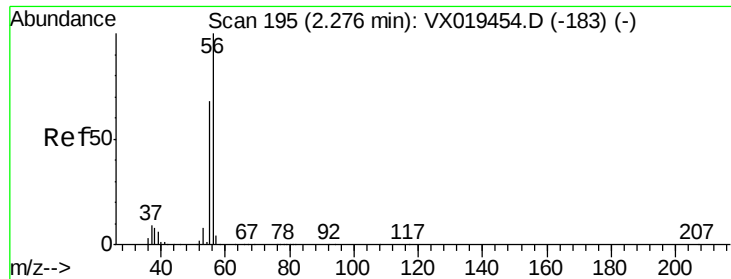
MMDadoda
11/19/2020 11:58:52 AM



#12
1,1-Dichloroethene
Concen: 49.324 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 96 Resp: 122672
Ion Ratio Lower Upper
96 100
61 166.8 139.2 208.8
98 60.3 50.3 75.5





#13

Acrolein

Concen: 232.851 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 112163

Ion Ratio Lower Upper

56 100

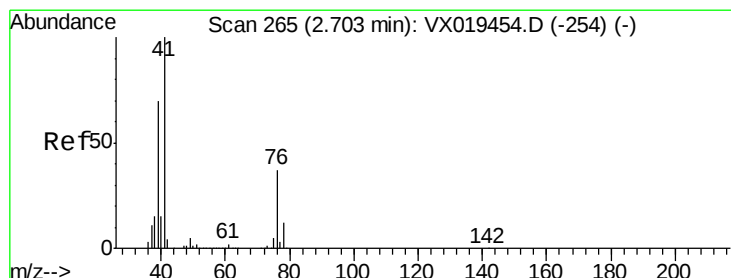
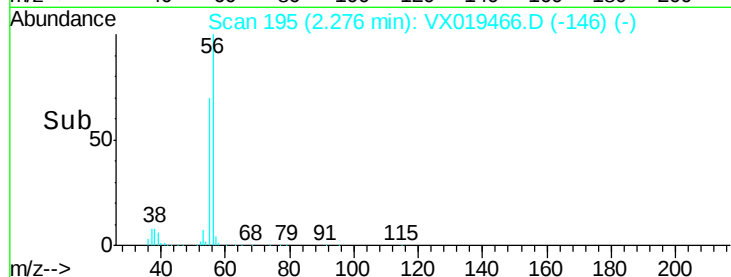
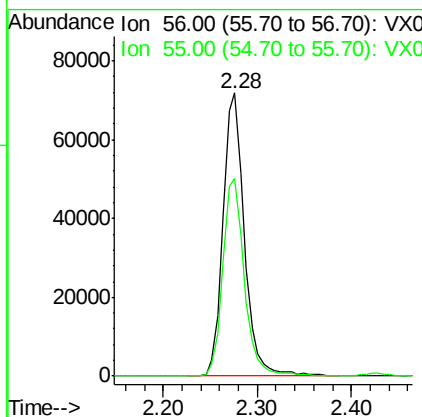
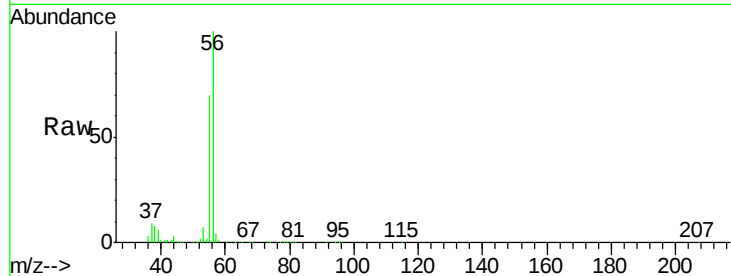
55 70.5 55.9 83.9

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#14

Allyl chloride

Concen: 50.653 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

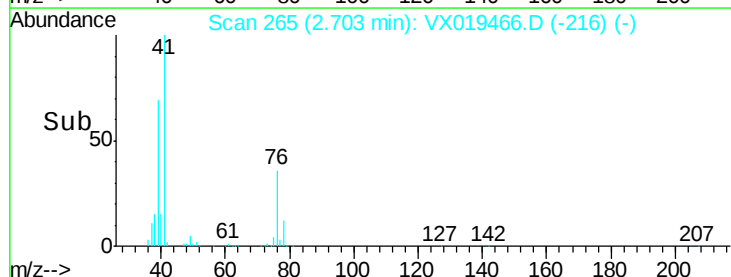
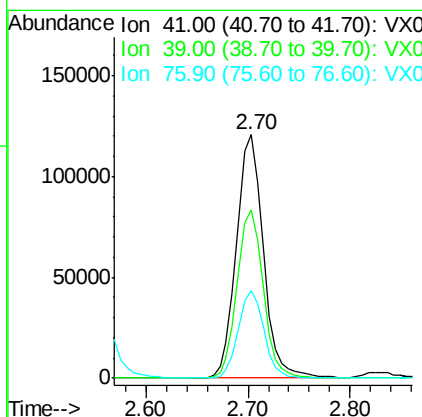
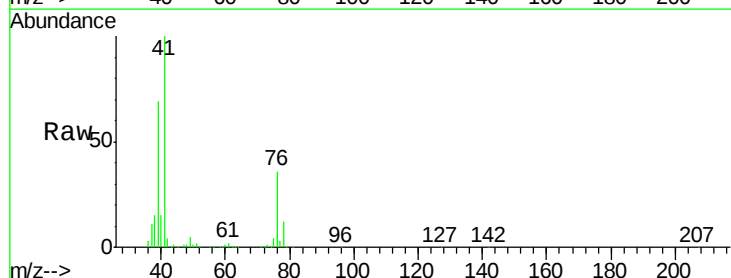
Tgt Ion: 41 Resp: 220820

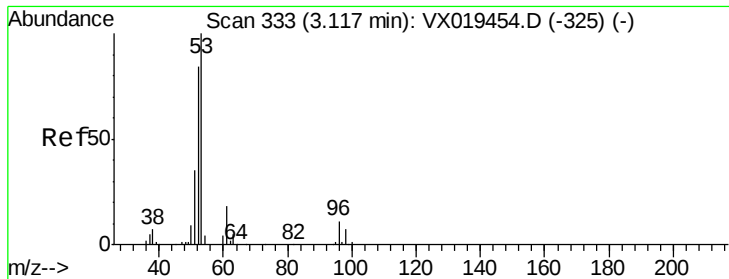
Ion Ratio Lower Upper

41 100

39 67.1 53.2 79.8

76 34.2 27.5 41.3





#15

Acrylonitrile

Concen: 264.827 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

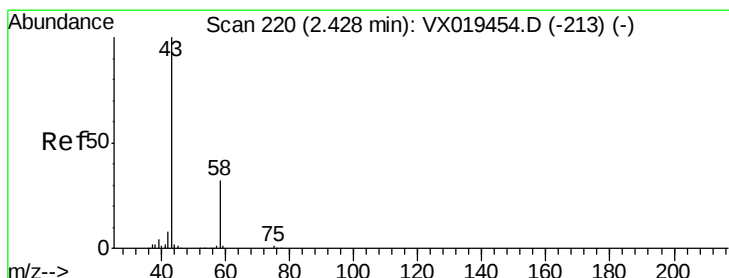
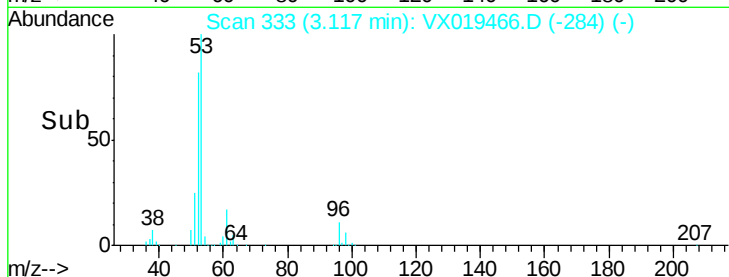
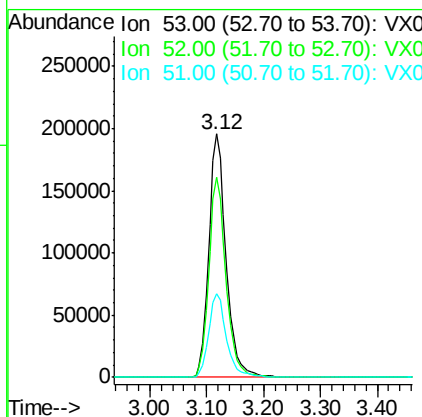
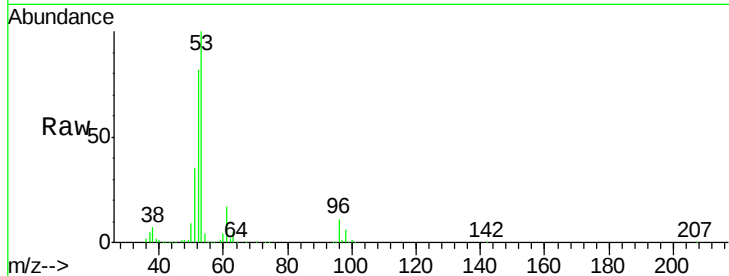
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	410452
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.3	99.5
51	35.3	28.5	42.7

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#16

Acetone

Concen: 245.954 ug/l

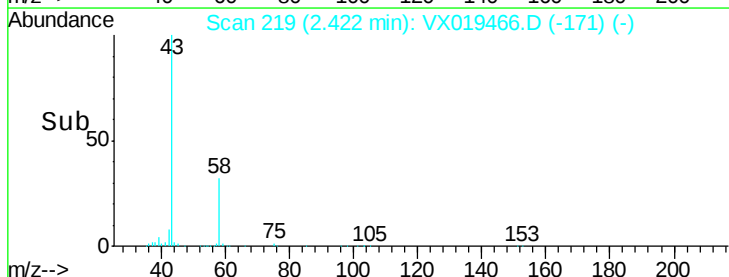
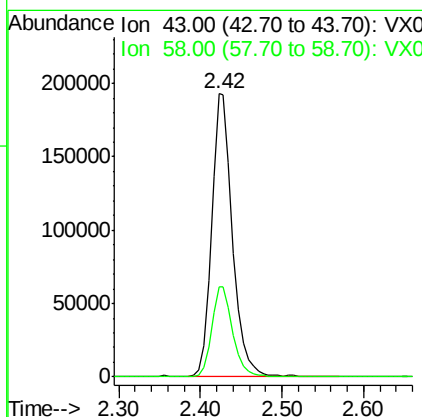
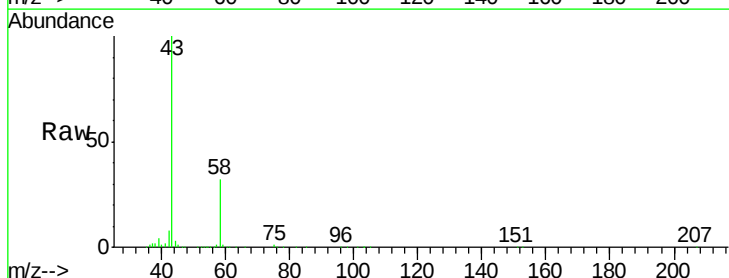
RT: 2.42 min Scan# 219

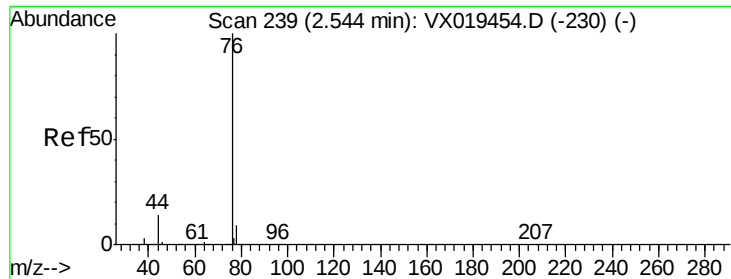
Delta R.T. -0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	43	Resp:	344009
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.4	38.0





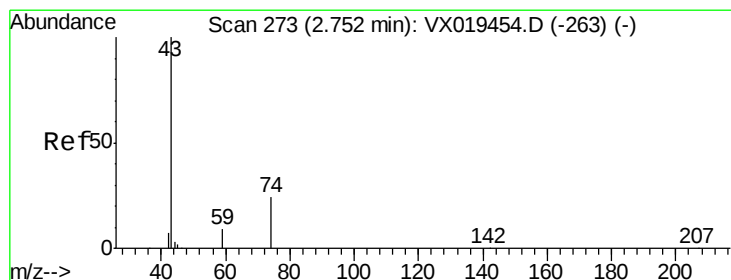
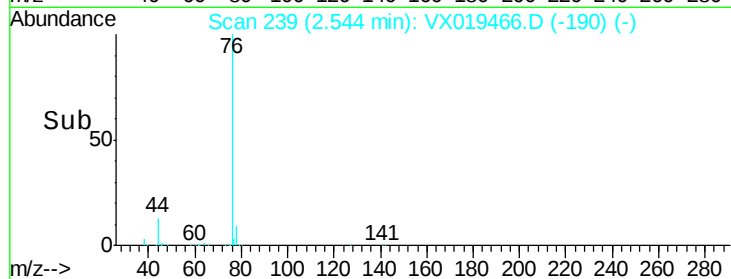
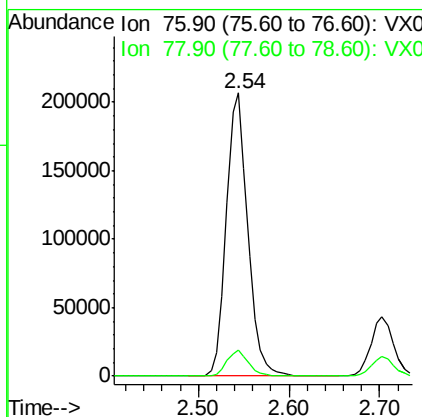
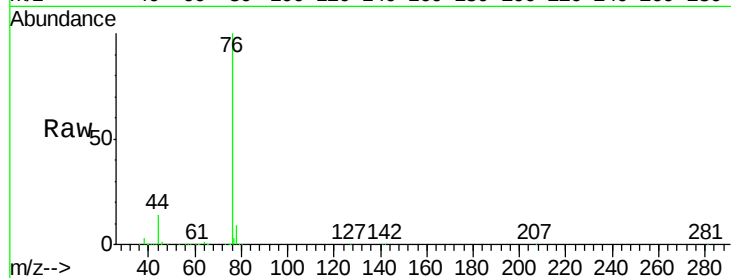
#17
Carbon Disulfide
Concen: 50.403 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

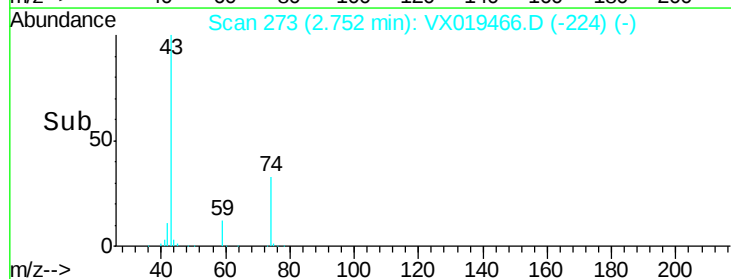
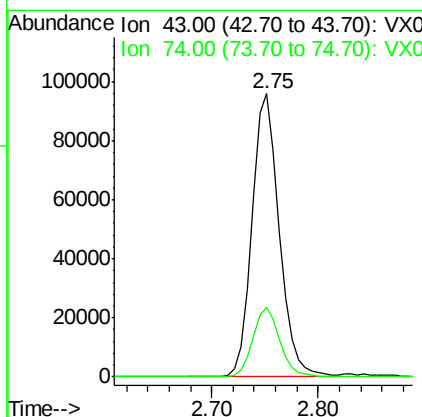
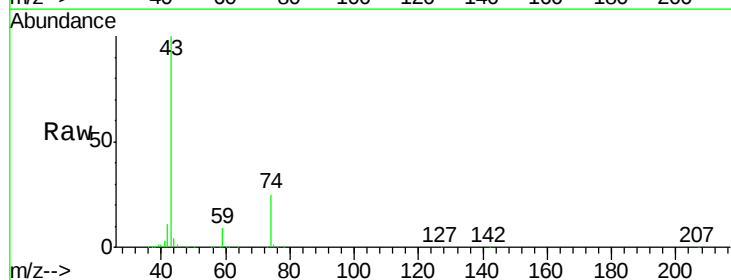
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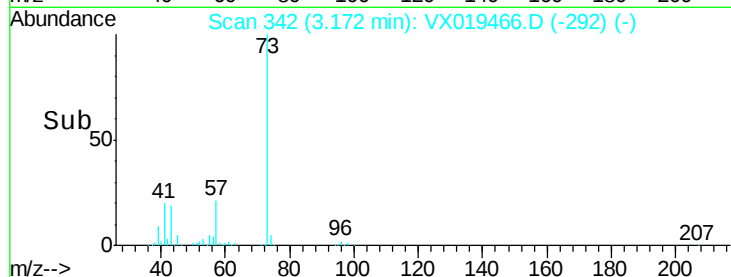
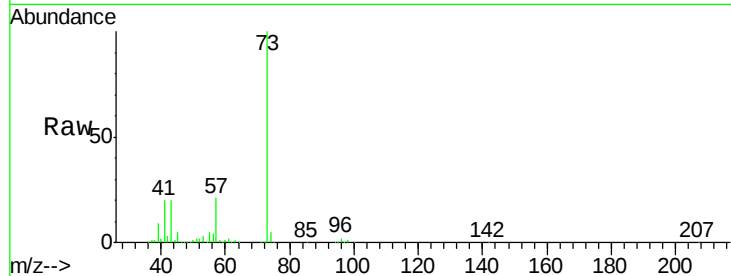
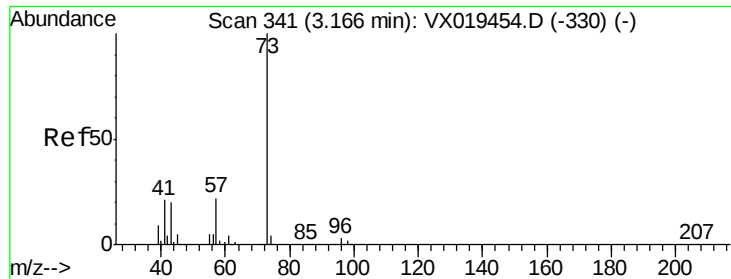
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#18
Methyl Acetate
Concen: 49.861 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.9	29.9





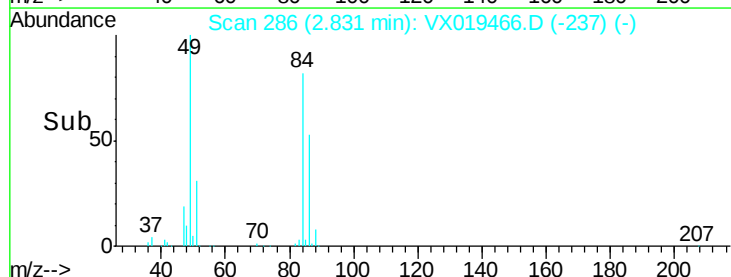
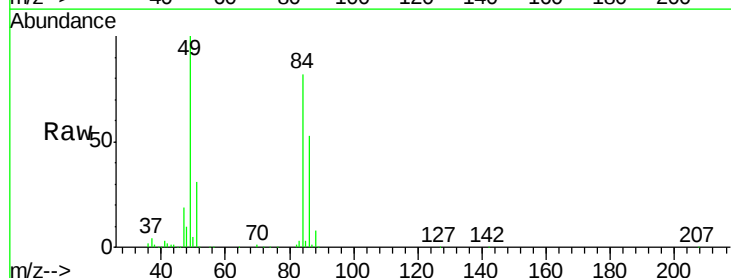
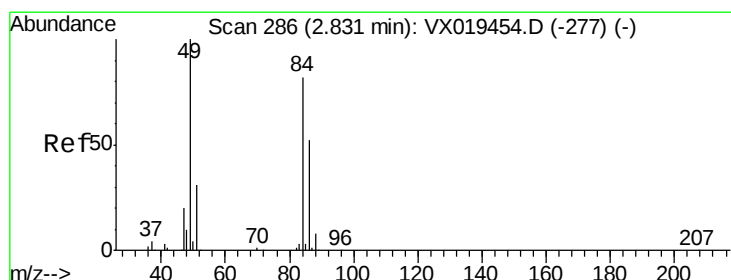
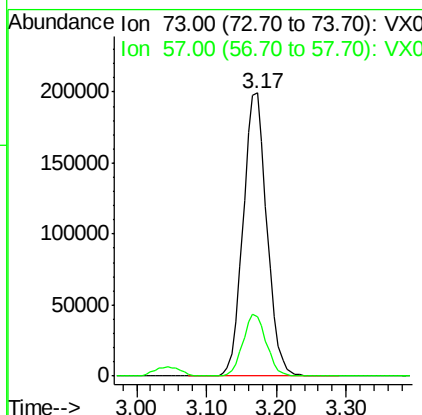
#19
Methyl tert-butyl Ether
Concen: 52.043 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tot Ion	73	57	Ratio	100	20.8	Resp	467942	Lower	17.5	Upper	26.3
Ion	73	57	Ratio	100	20.8	Resp	467942	Lower	17.5	Upper	26.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

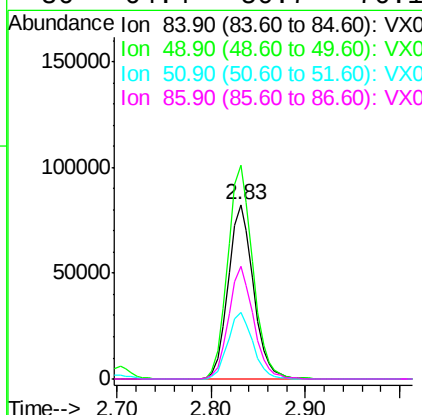
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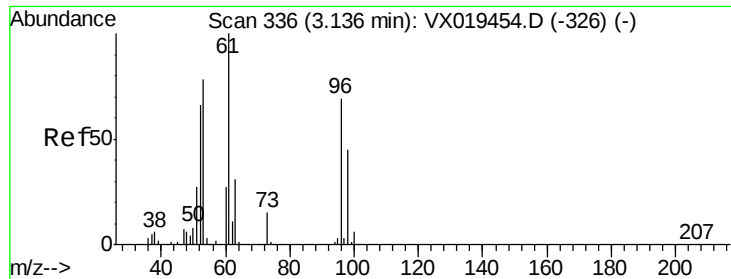
MMDadoda
11/19/2020 11:58:52 AM



#20
Methylene Chloride
Concen: 48.294 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	84	49	51	86	Ratio	100	122.4	37.9	64.4	Resp	152926	Lower	97.6	30.6	50.7	Upper	146.4	45.8	76.1
Ion	84	49	51	86	Ratio	100	122.4	37.9	64.4	Resp	152926	Lower	97.6	30.6	50.7	Upper	146.4	45.8	76.1





#21

trans-1,2-Dichloroethene

Concen: 51.057 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 140549

Ion Ratio Lower Upper

96 100

61 141.8 116.0 174.0

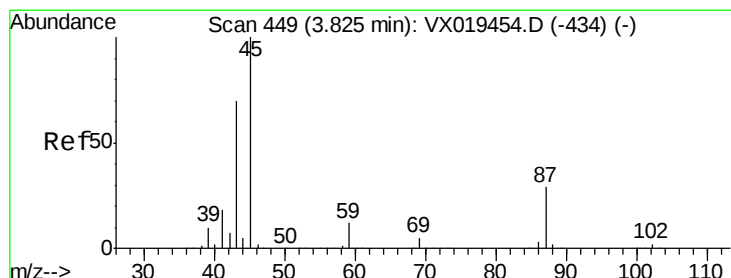
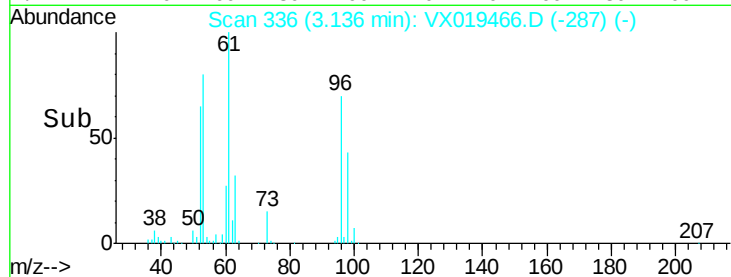
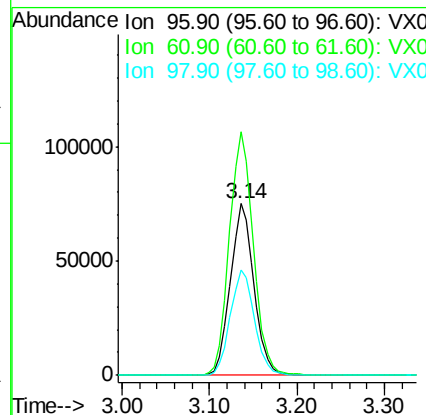
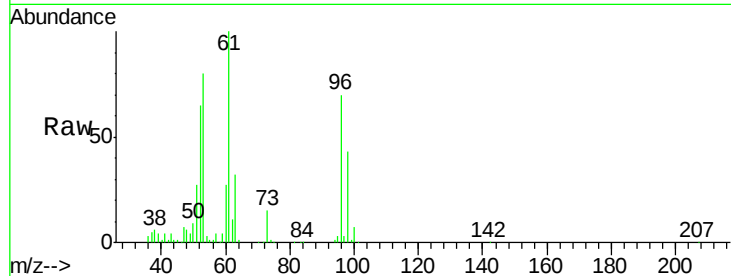
98 61.3 51.8 77.6

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#22

Diisopropyl ether

Concen: 52.290 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion: 45 Resp: 465105

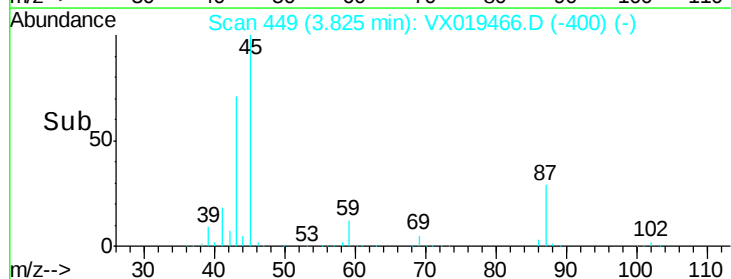
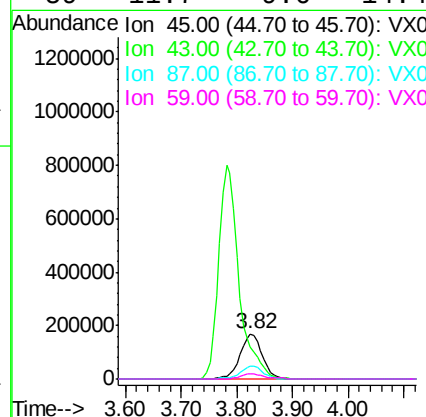
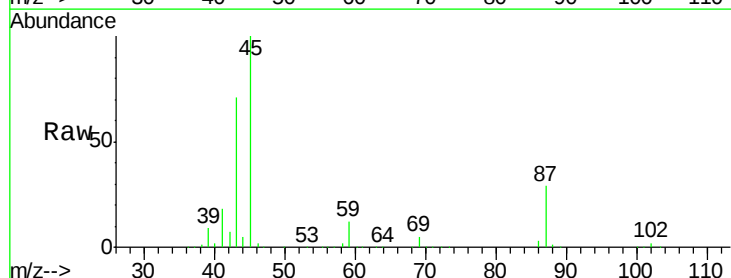
Ion Ratio Lower Upper

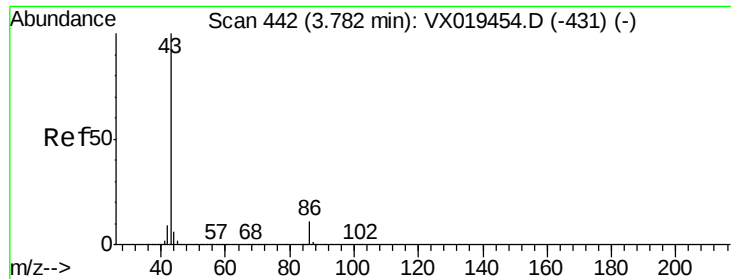
45 100

43 71.4 56.6 84.8

87 28.7 22.9 34.3

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 270.469 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2041268

Ion Ratio Lower Upper

43 100

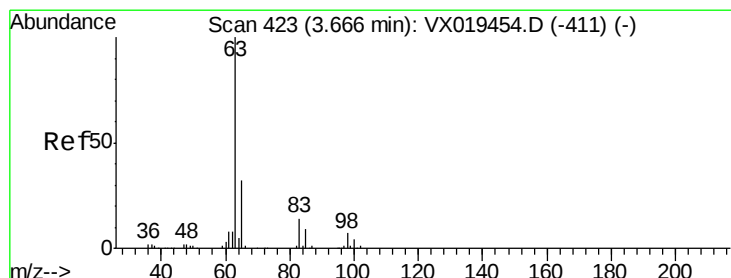
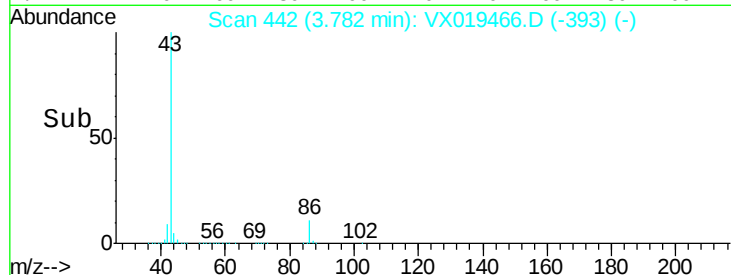
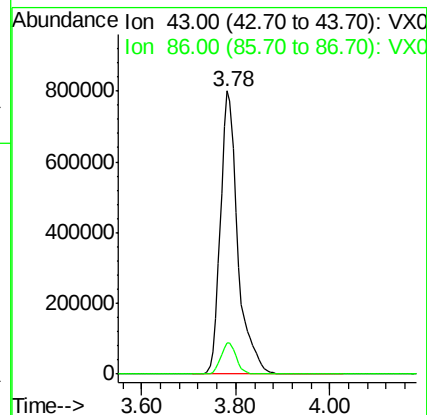
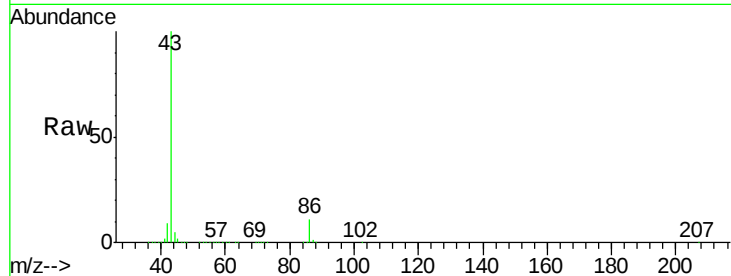
86 11.1 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 50.520 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

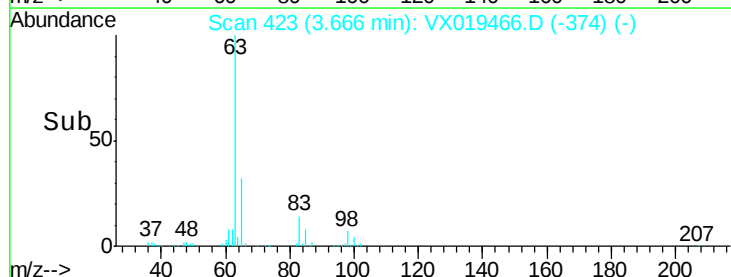
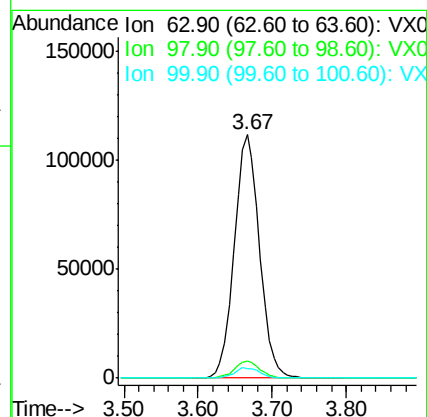
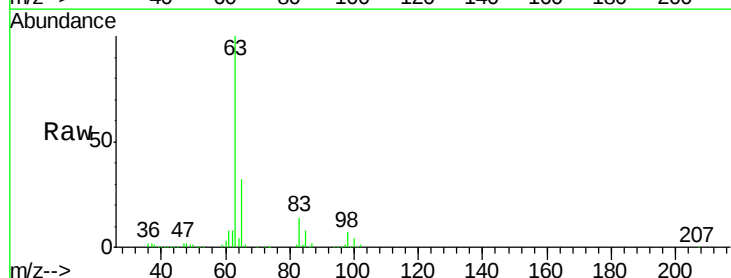
Tgt Ion: 63 Resp: 263718

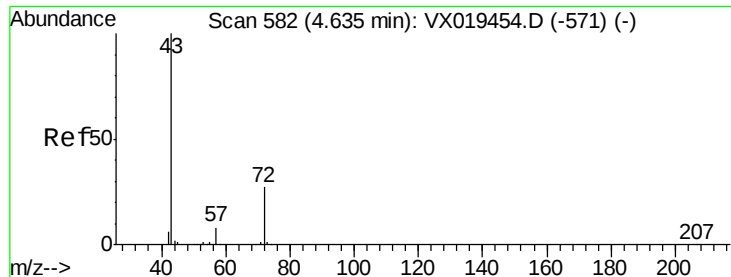
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.0 2.2 6.6





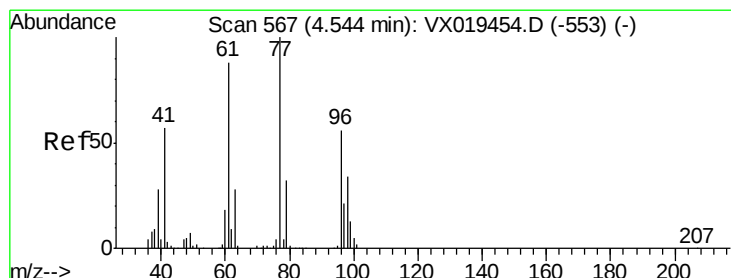
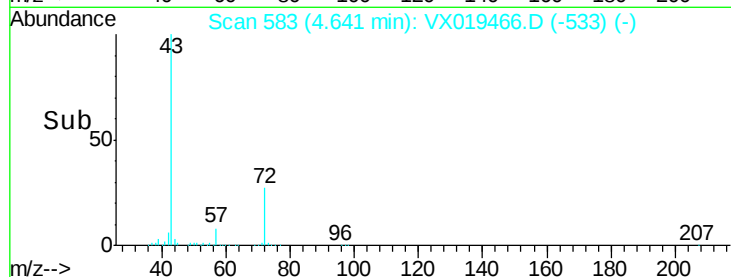
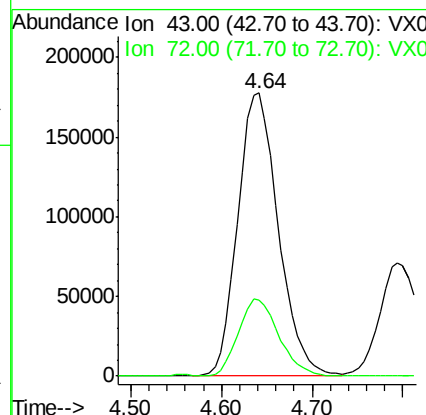
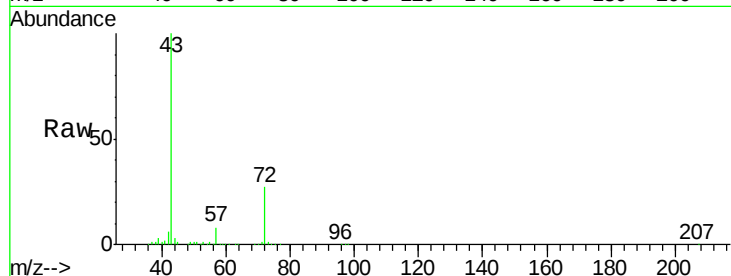
#25
2-Butanone
Concen: 262.133 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 546982
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.0

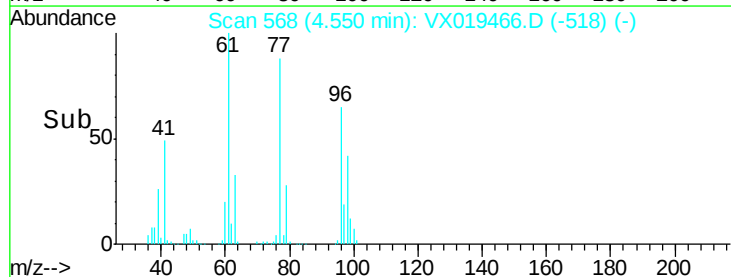
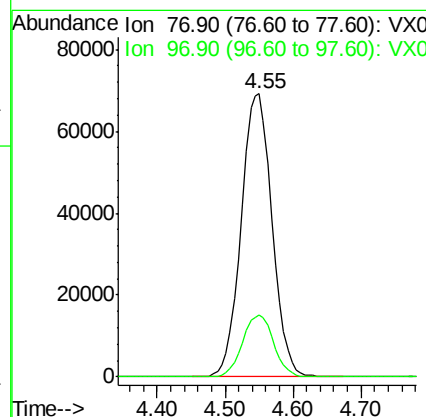
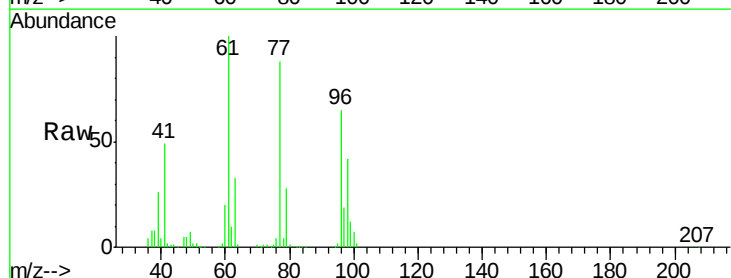
Manual Integrations
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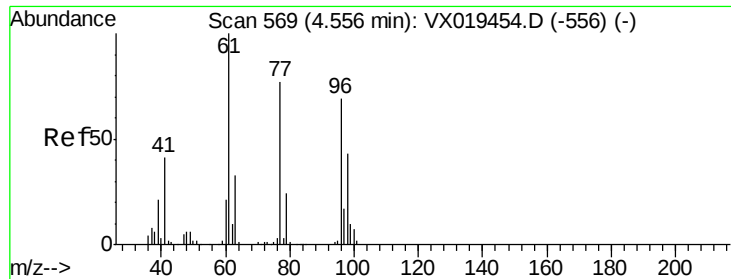
MMDadoda
11/19/2020 11:58:52 AM



#26
2,2-Dichloropropane
Concen: 48.835 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 77 Resp: 217715
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

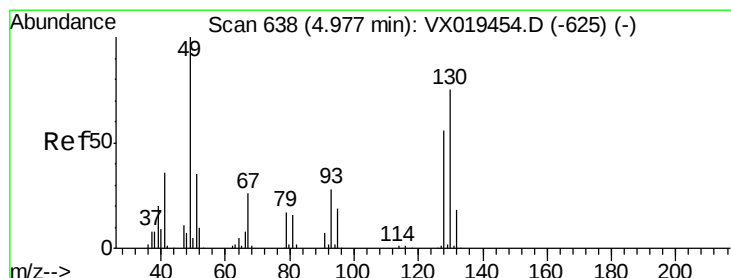
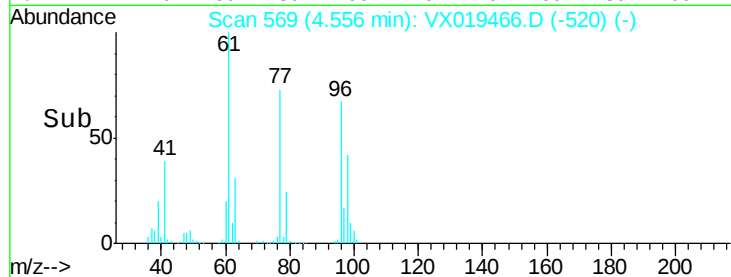
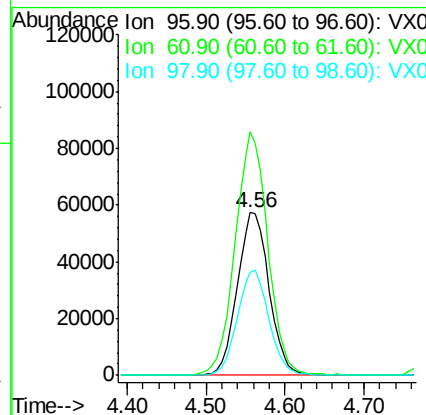
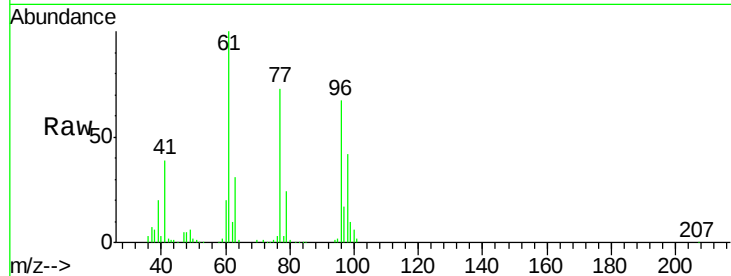
cis-1,2-Dichloroethene
 Concen: 51.312 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160497		
61	153.1	0.0	307.8	
98	64.1	0.0	128.6	

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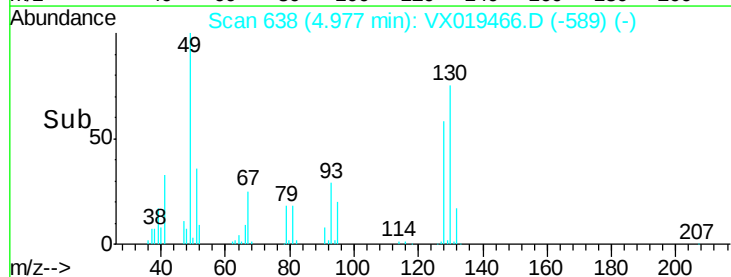
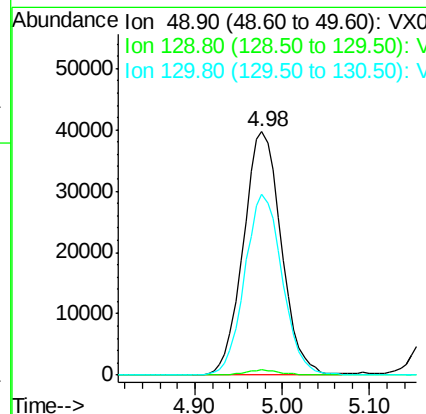
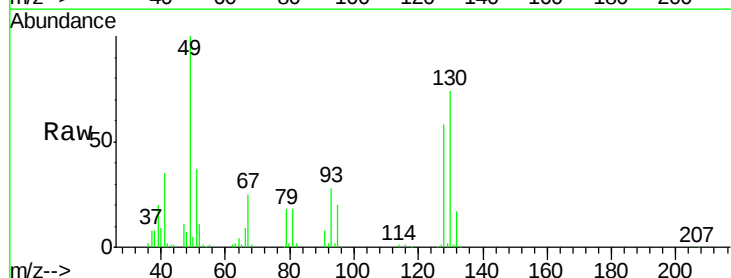
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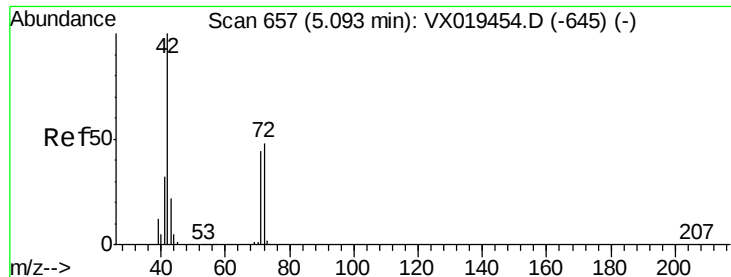


#28

Bromochloromethane
 Concen: 48.416 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120075		
129	2.0	0.0	3.8	
130	73.4	59.2	88.8	





#29

Tetrahydrofuran

Concen: 264.964 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

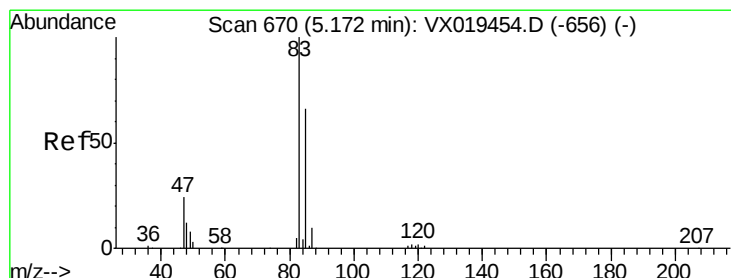
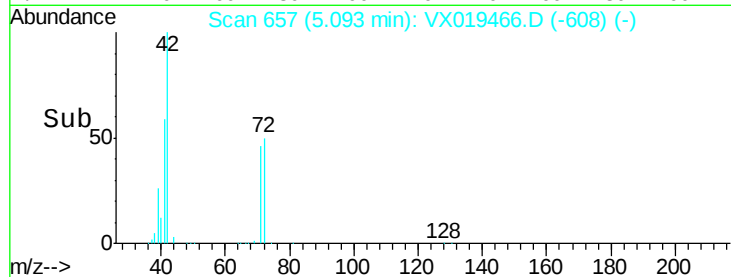
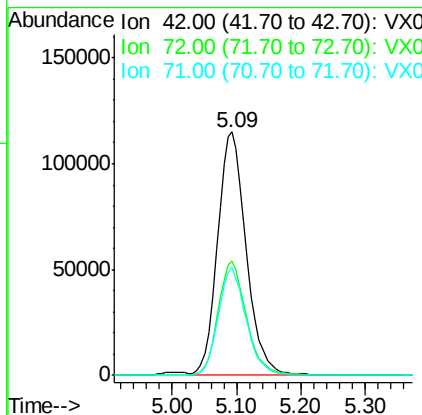
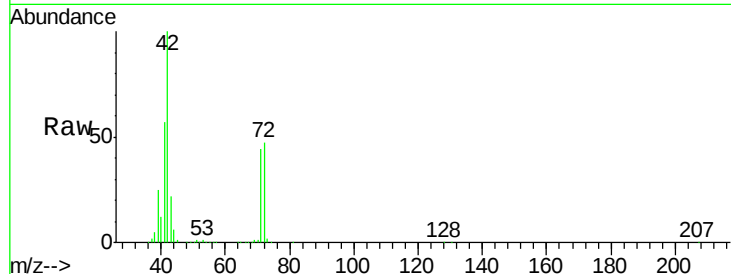
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	356413
Ion Ratio	Lower	Upper	
42	100		
72	47.0	38.1	57.1
71	43.5	34.6	51.8

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#30

Chloroform

Concen: 50.893 ug/l

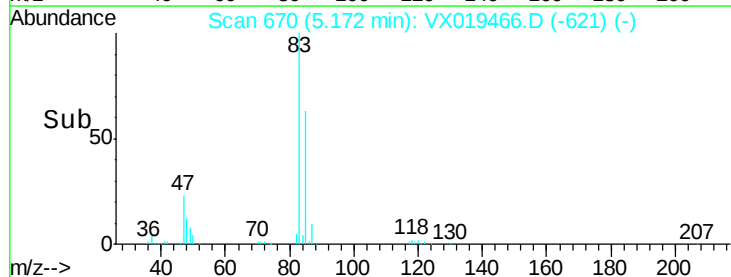
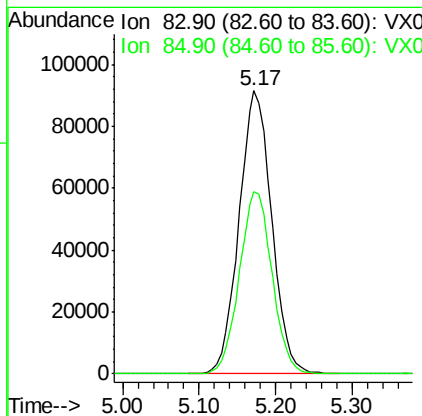
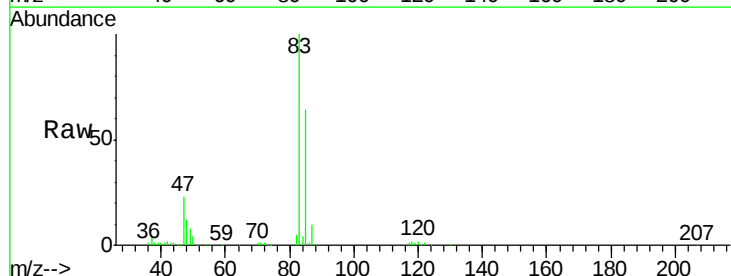
RT: 5.17 min Scan# 670

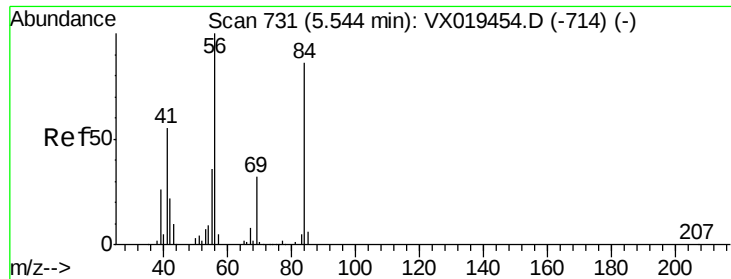
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	83	Resp:	270935
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.4	78.6





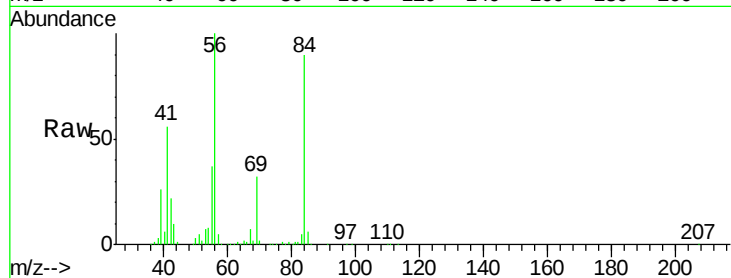
#31
Cvclohexane
Concen: 50.717 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

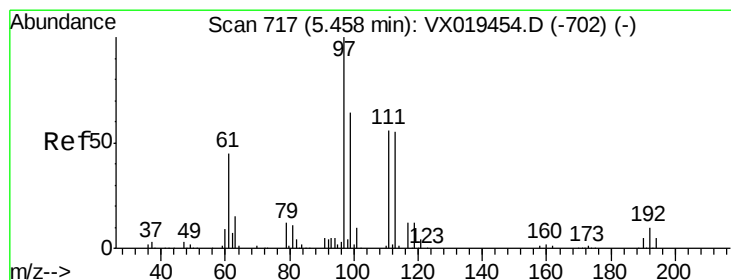
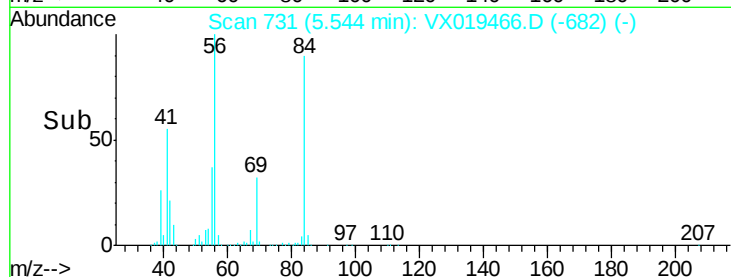
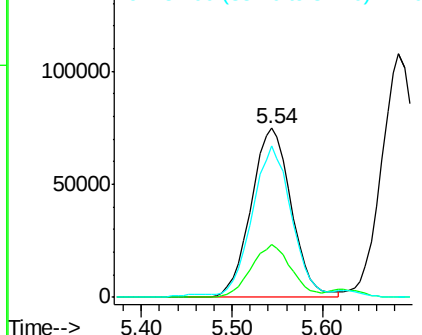
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.2	37.8
84	87.8	68.5	102.7

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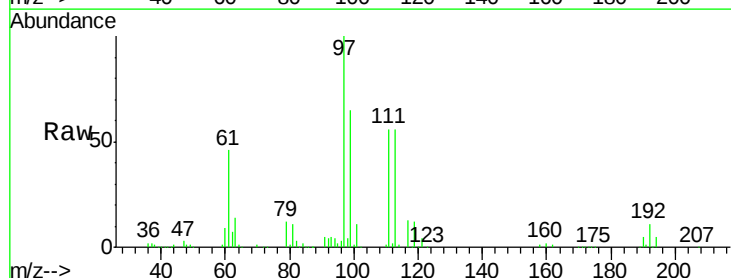


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

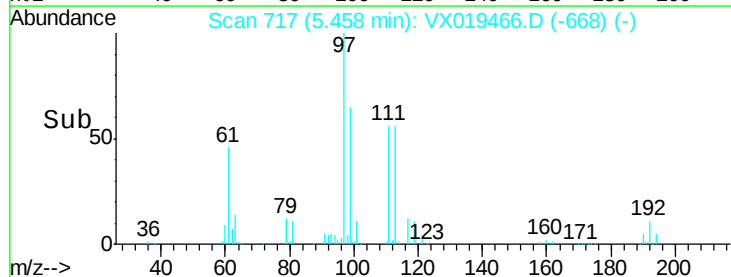
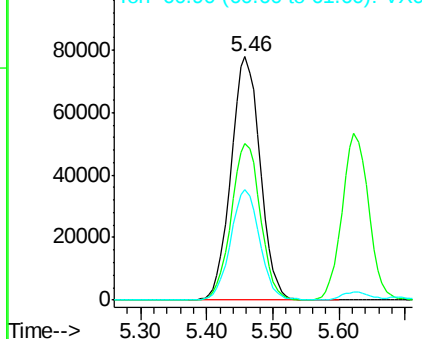


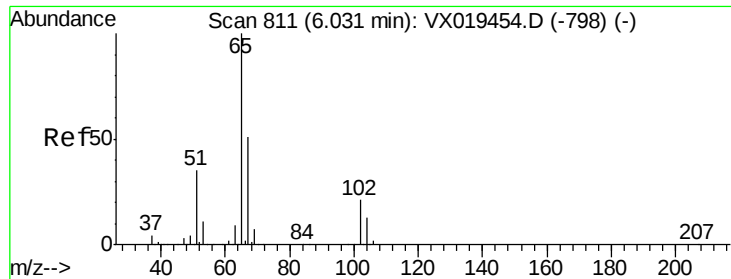
#32
1,1,1-Trichloroethane
Concen: 51.323 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	45.2	36.2	54.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.433 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 171532

Ion Ratio Lower Upper

65 100

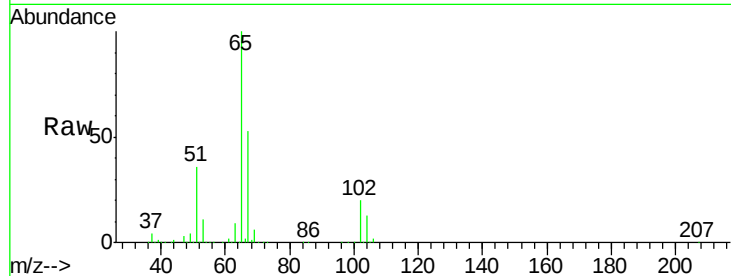
67 51.2 0.0 102.4

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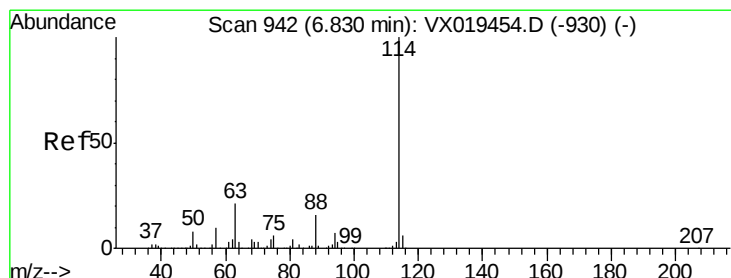
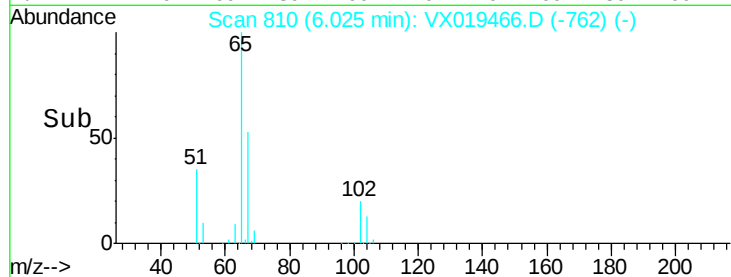
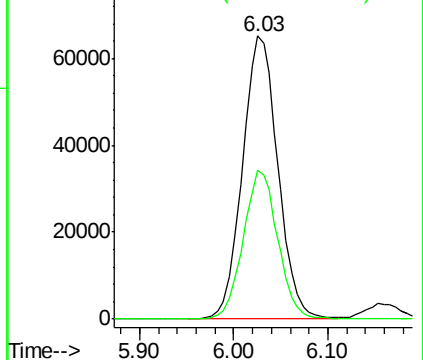
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

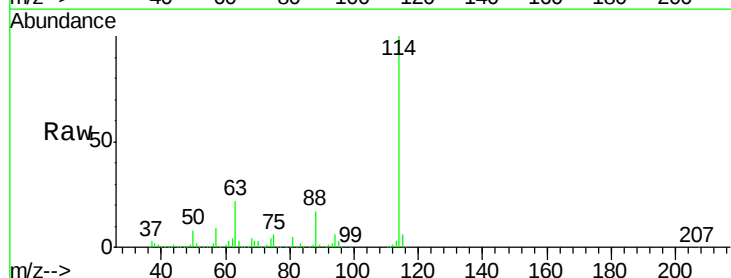
Tgt Ion: 114 Resp: 401464

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.0

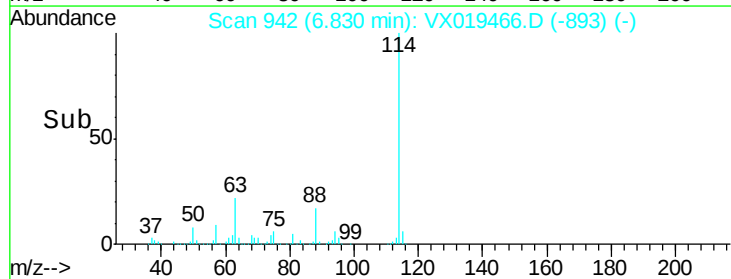
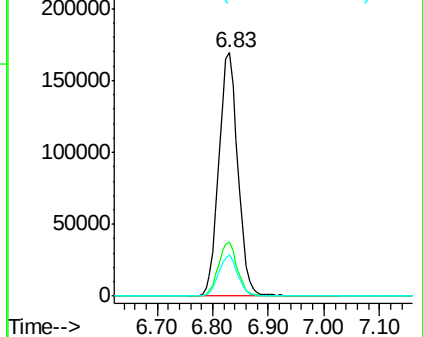
88 16.9 0.0 32.0

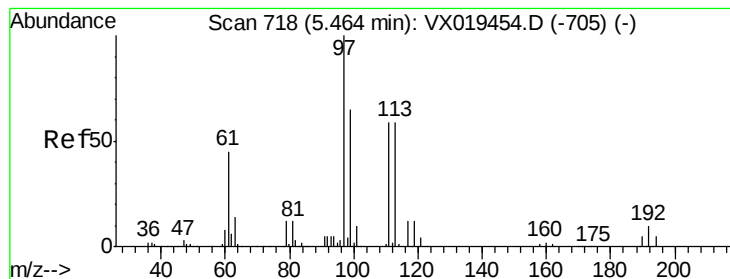


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.583 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

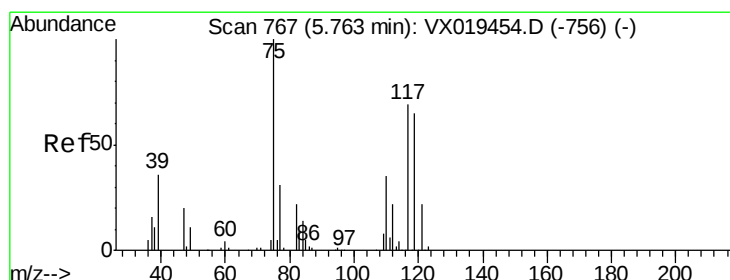
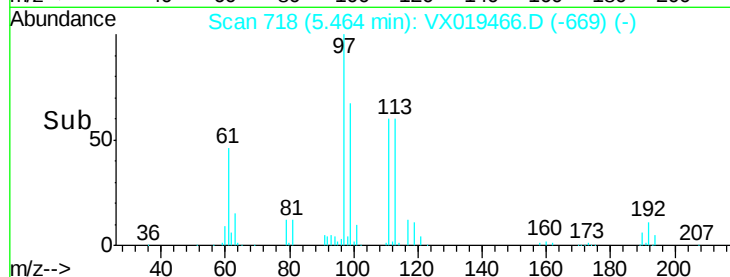
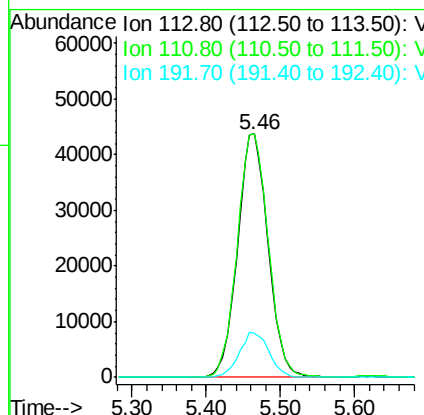
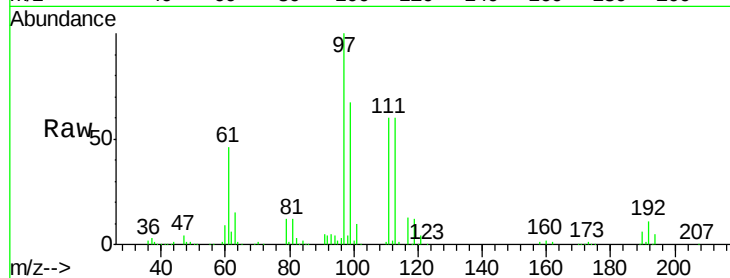
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	125699
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.4
192	18.2	14.2	21.4

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#36

1,1-Dichloropropene

Concen: 50.249 ug/l

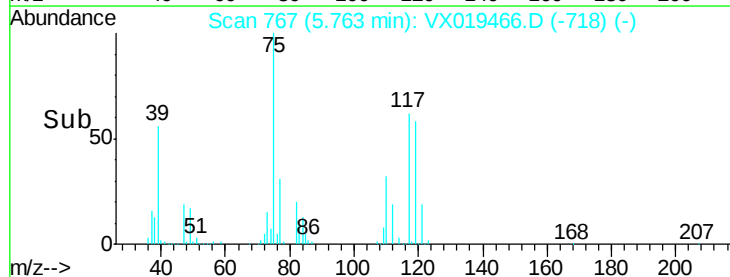
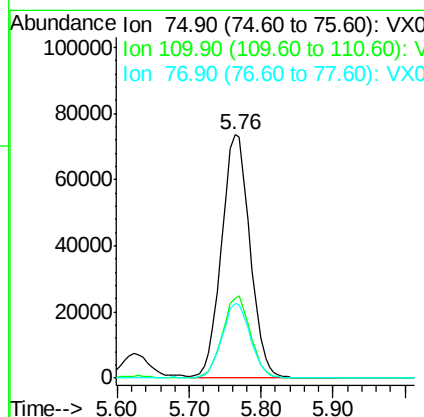
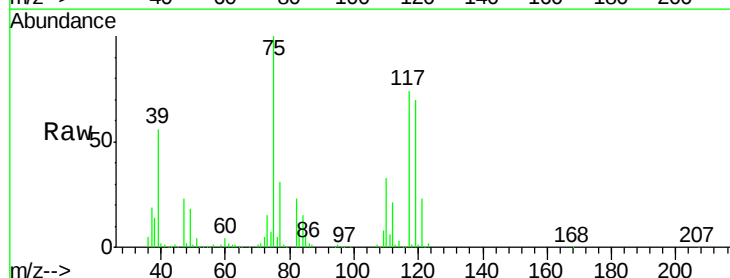
RT: 5.76 min Scan# 767

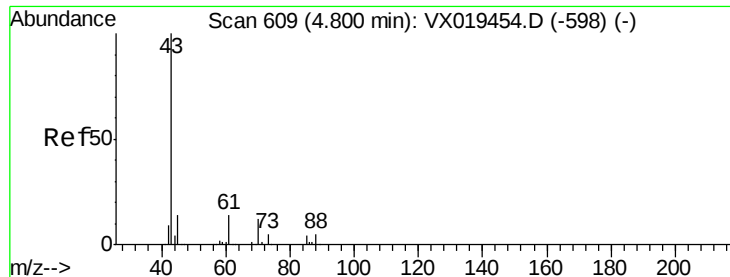
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	75	Resp:	202212
Ion Ratio	Lower	Upper	
75	100		
110	33.2	17.0	50.9
77	30.9	24.7	37.1





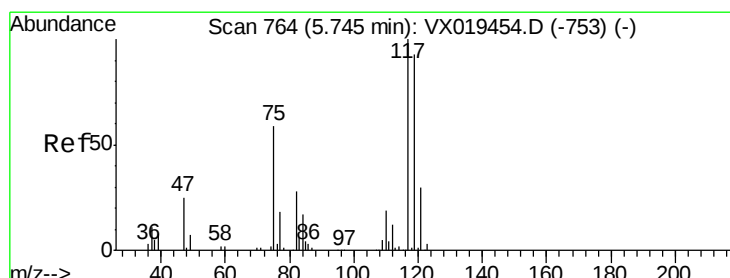
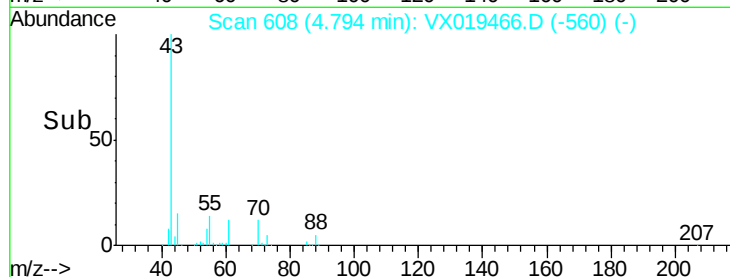
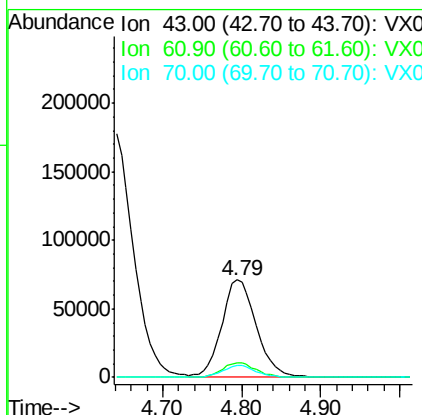
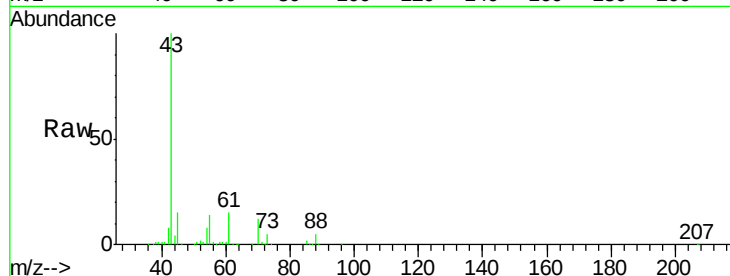
#37
Ethyl Acetate
Concen: 52.162 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.6	17.4
70	11.8	9.2	13.8

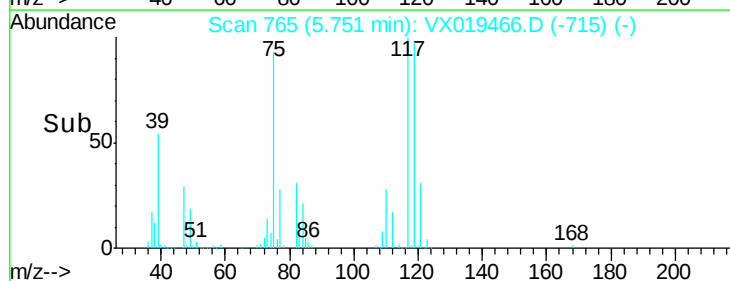
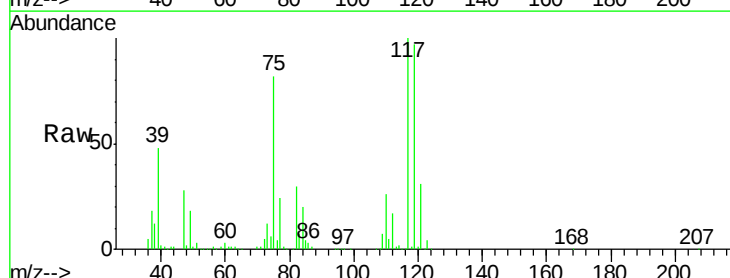
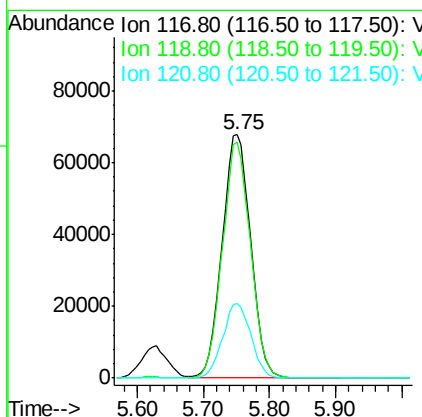
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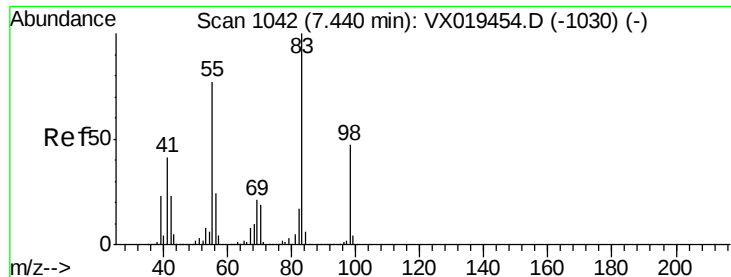
MMDadoda
11/19/2020 11:58:52 AM



#38
Carbon Tetrachloride
Concen: 51.063 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.1	111.1
121	30.6	23.6	35.4





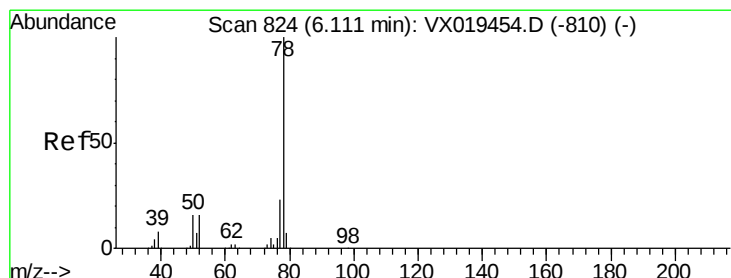
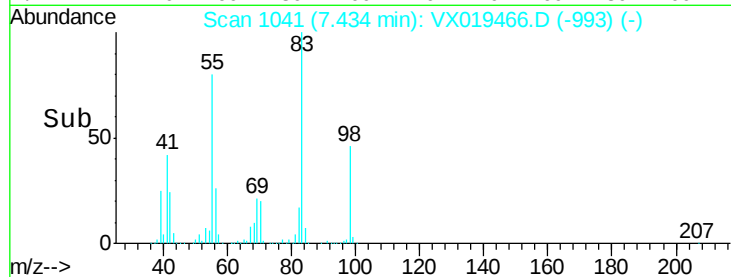
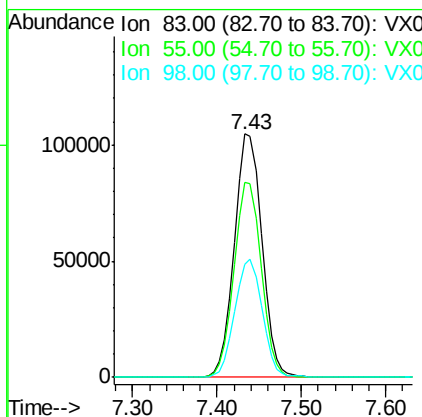
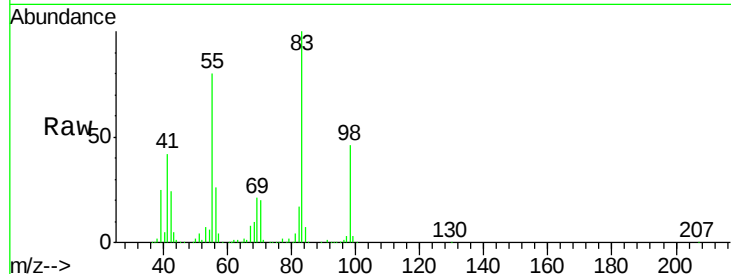
#39
Methvlcvclohexane
Concen: 51.334 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232277		
55	80.3		61.4	92.0
98	46.2		37.6	56.4

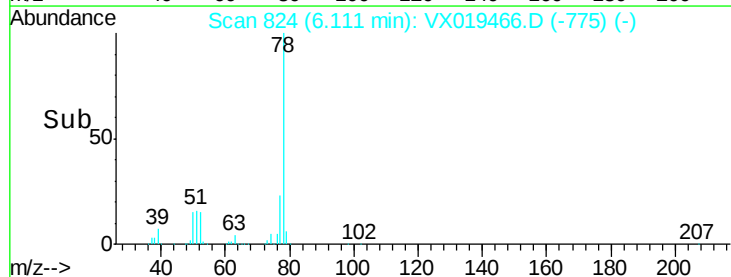
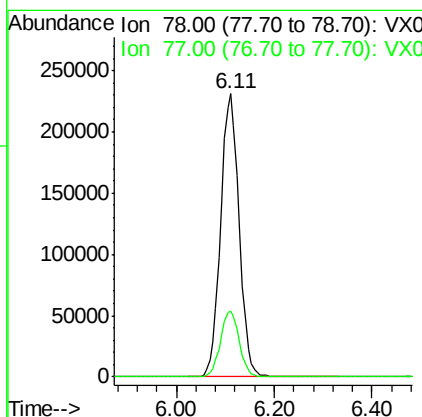
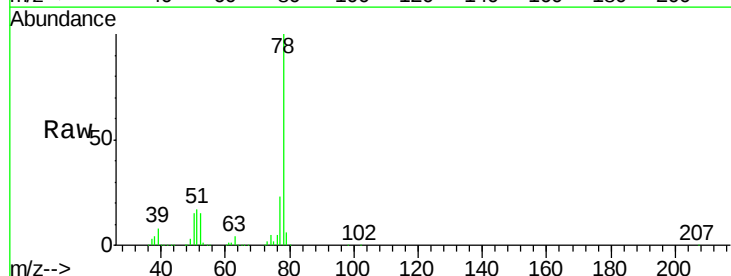
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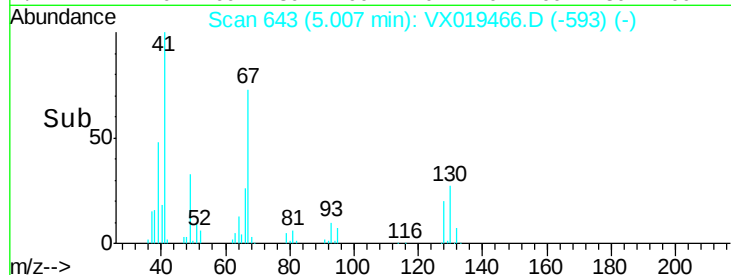
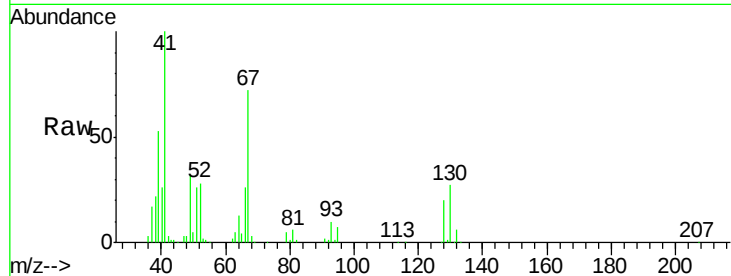
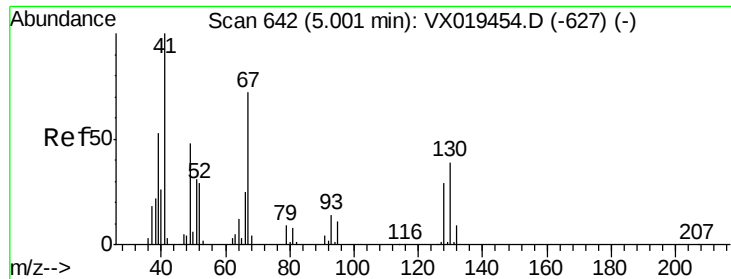
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#40
Benzene
Concen: 50.374 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

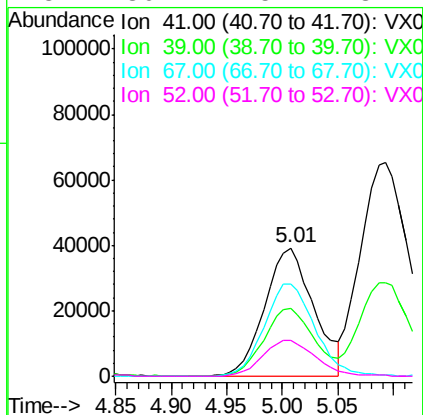
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	603984		
77	23.4		18.6	28.0





#41
Methacrylonitrile
Concen: 53.225 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

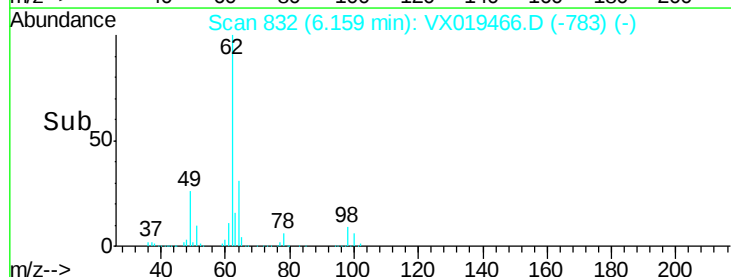
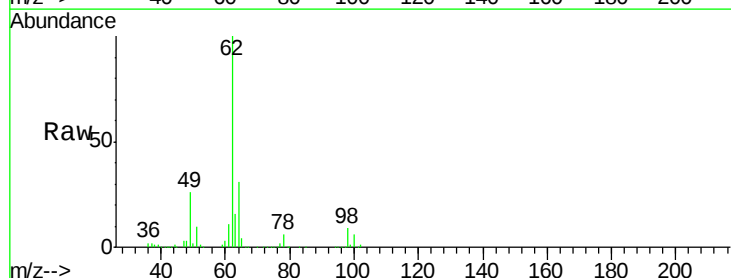
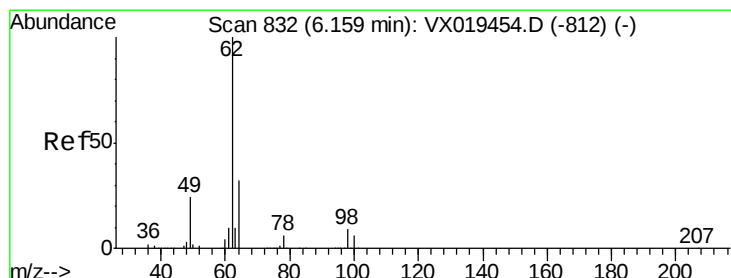
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	44.6	67.0	
67	73.8	60.6	91.0	
52	30.1	25.1	37.7	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

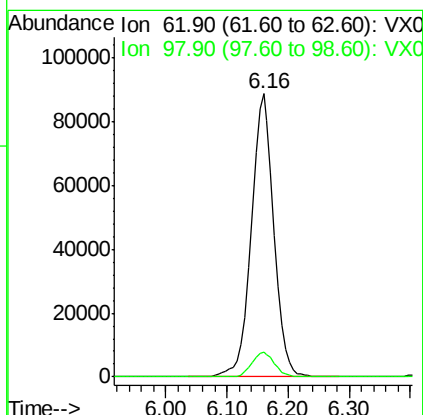
Manual Integrations
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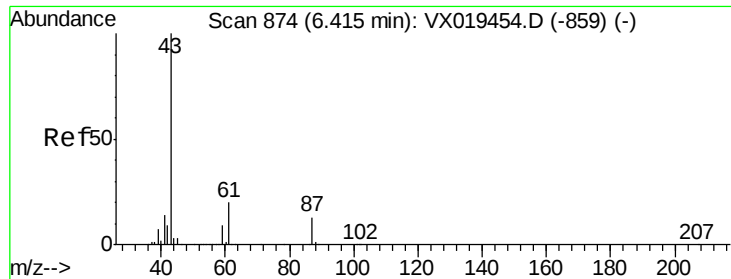
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.373 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

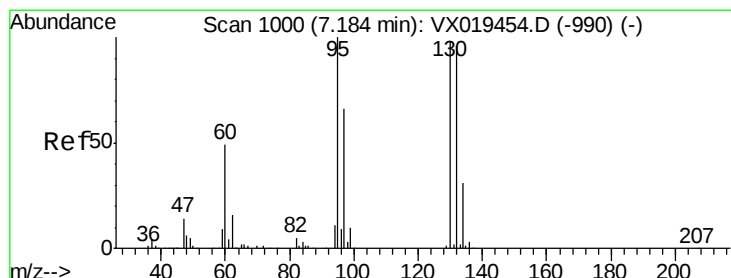
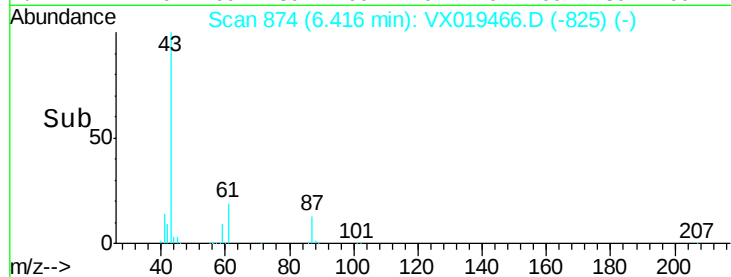
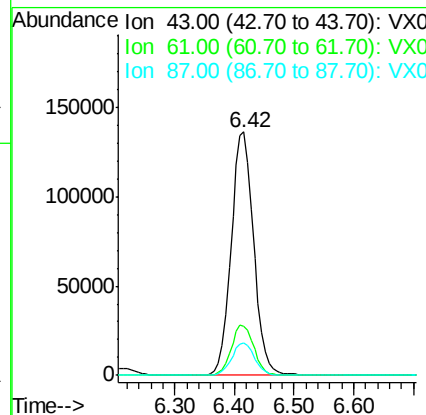
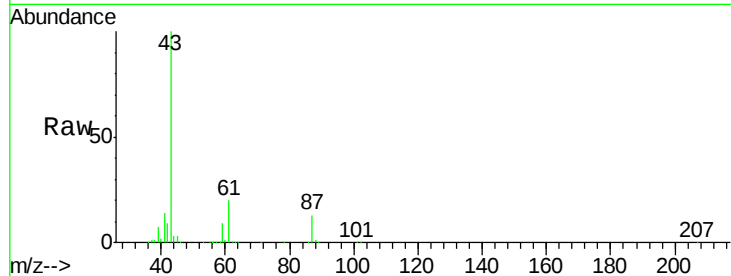
Isopropyl Acetate
 Concen: 51.671 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.2	24.4
87	13.6	10.7	16.1

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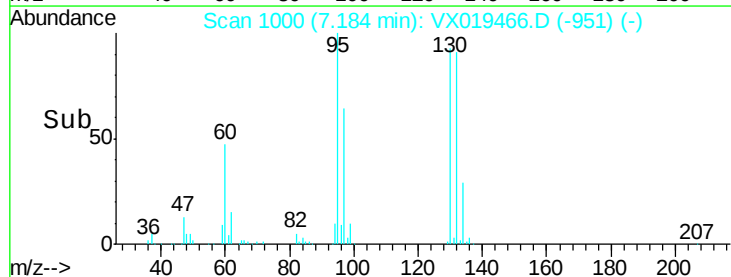
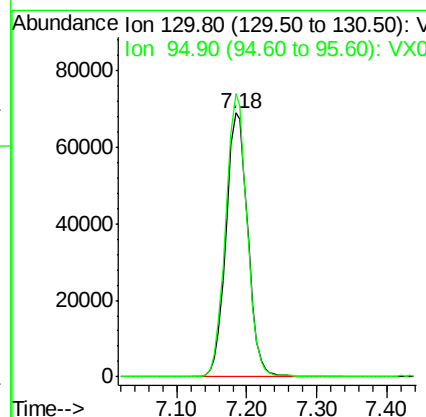
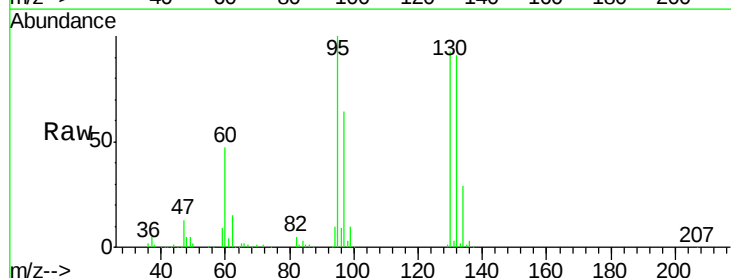
MMDadoda
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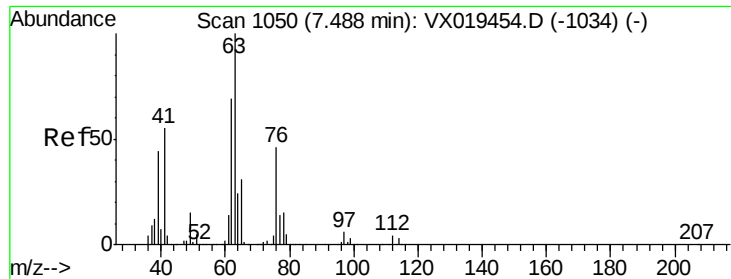


#44

Trichloroethene
 Concen: 49.660 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.4	0.0	204.4





#45

1,2-Dichloropropane

Concen: 50.820 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 157999

Ion Ratio Lower Upper

63 100

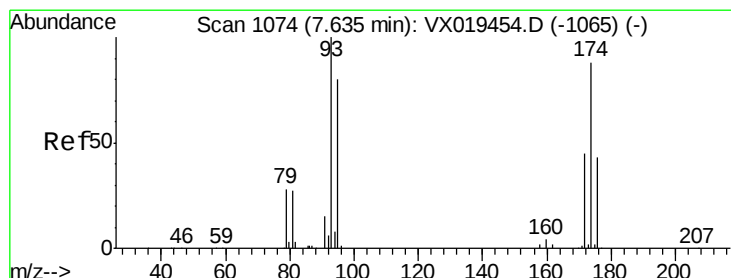
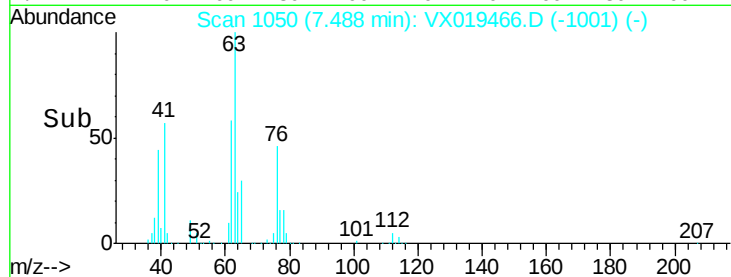
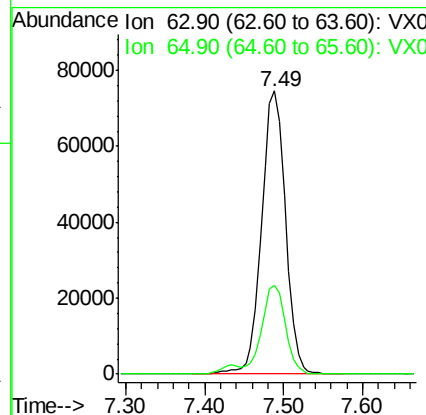
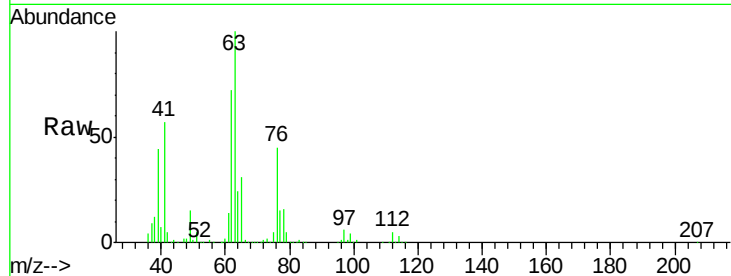
65 31.3 24.6 37.0

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#46

Dibromomethane

Concen: 51.437 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

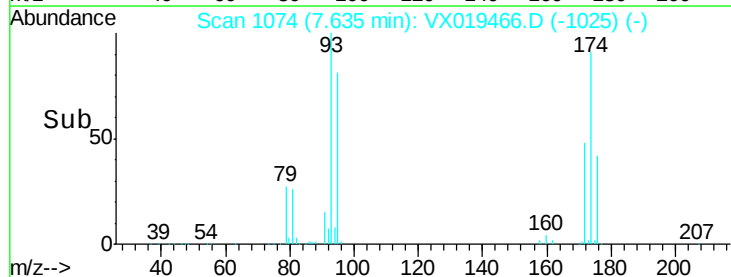
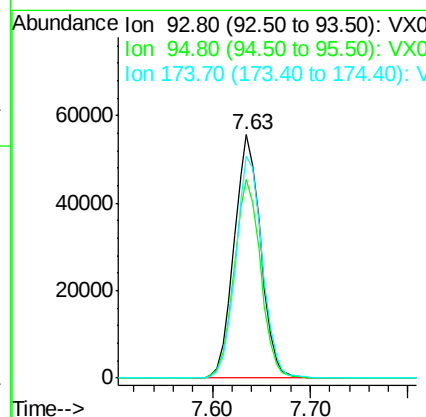
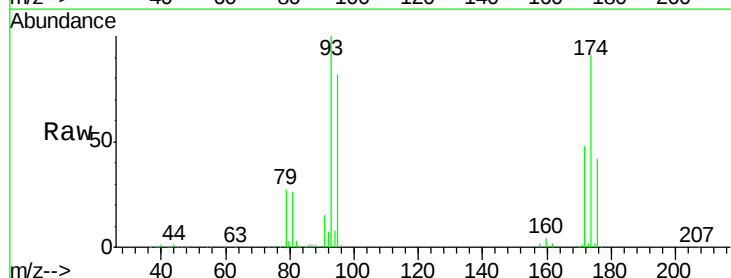
Tgt Ion: 93 Resp: 105040

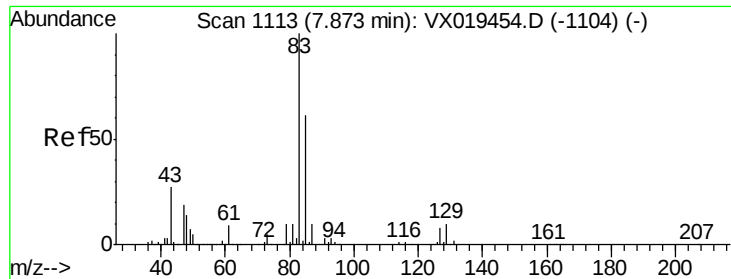
Ion Ratio Lower Upper

93 100

95 81.5 65.4 98.2

174 91.4 72.2 108.4





#47

Bromodichloromethane

Concen: 52.684 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

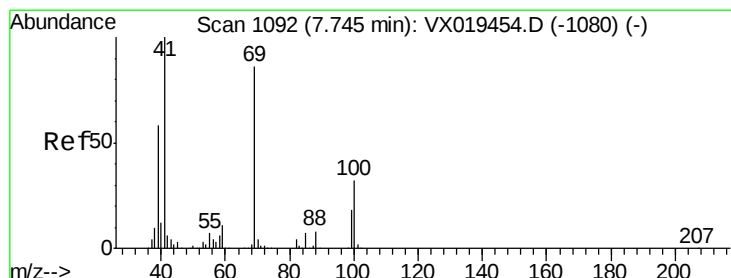
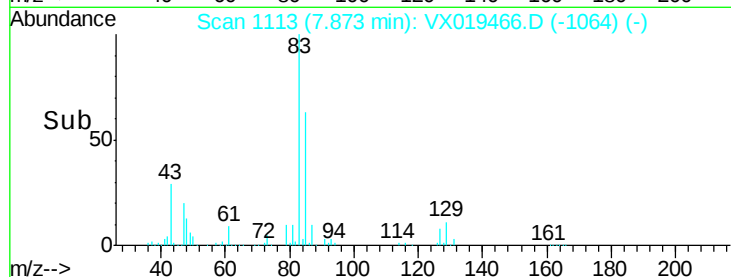
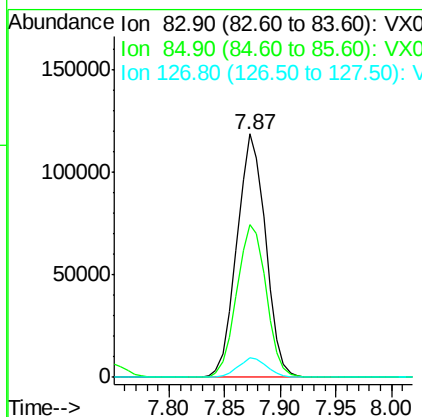
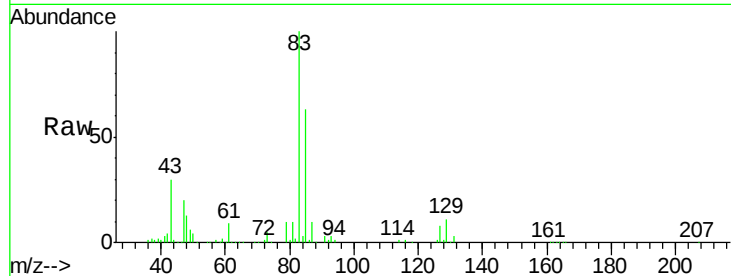
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	212827
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.0	73.4
127	8.2	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.502 ug/l

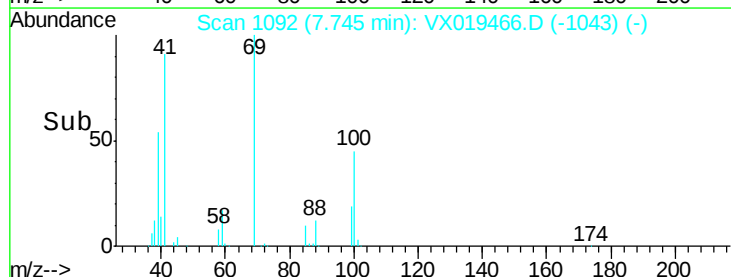
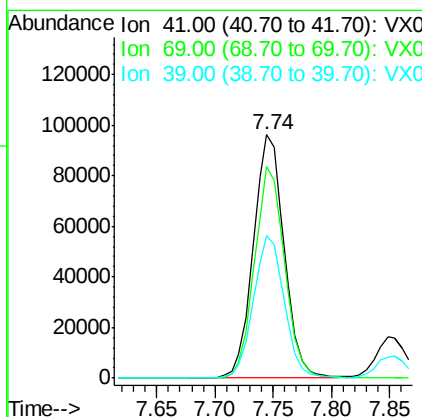
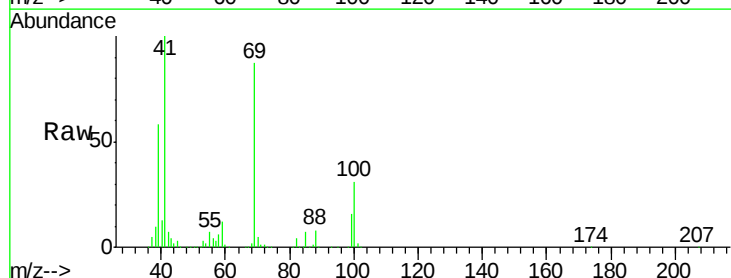
RT: 7.74 min Scan# 1092

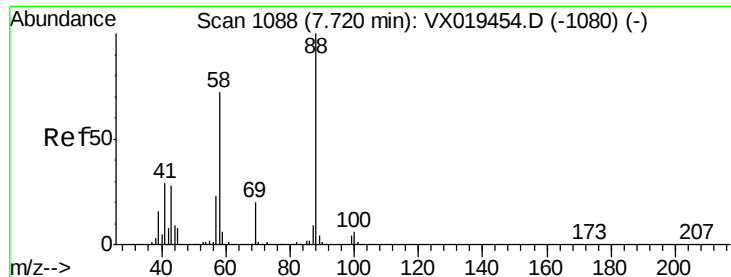
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	41	Resp:	177328
Ion Ratio	Lower	Upper	
41	100		
69	85.5	68.4	102.6
39	58.3	46.6	70.0





#49

1,4-Dioxane

Concen: 1089.154 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

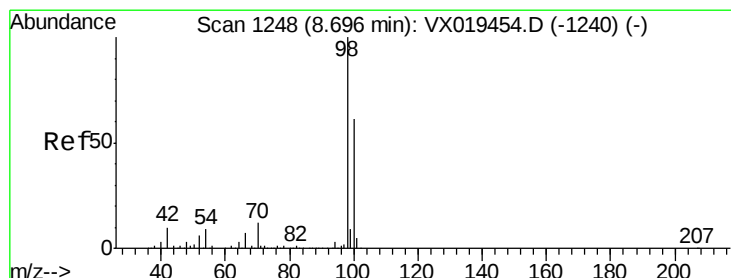
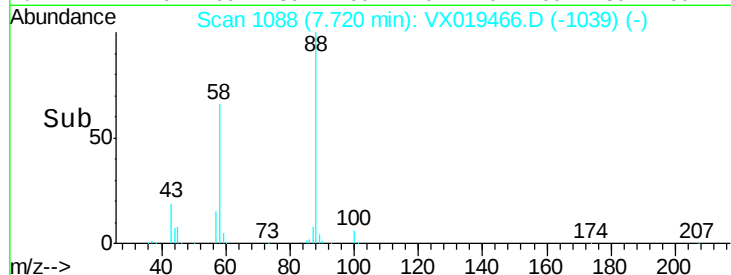
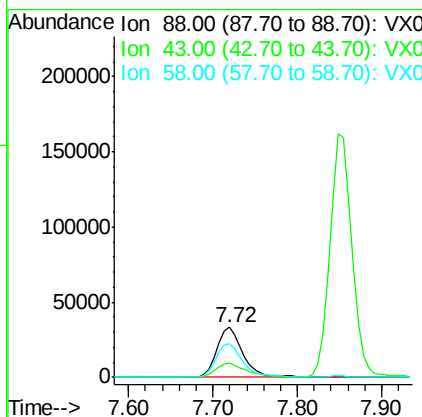
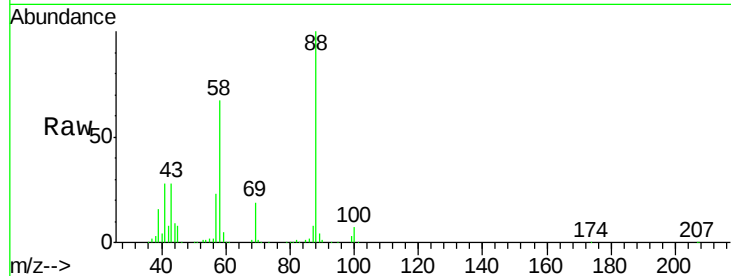
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	71162
Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.9	38.9
58	70.4	56.6	84.8

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#50

Toluene-d8

Concen: 47.891 ug/l

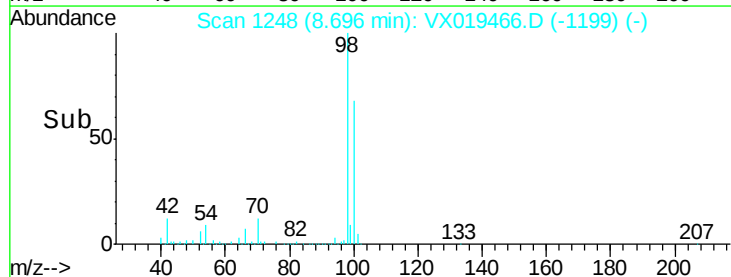
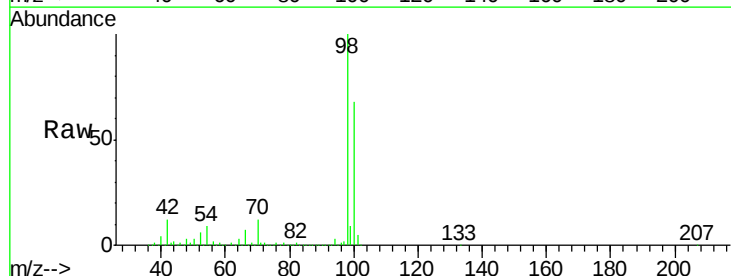
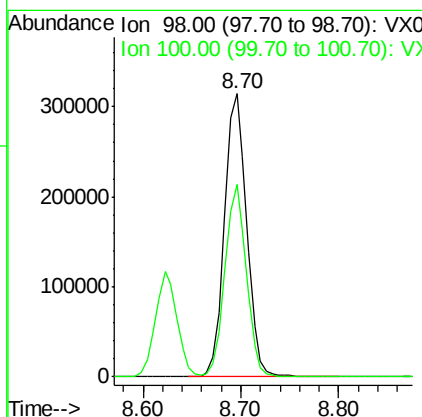
RT: 8.70 min Scan# 1248

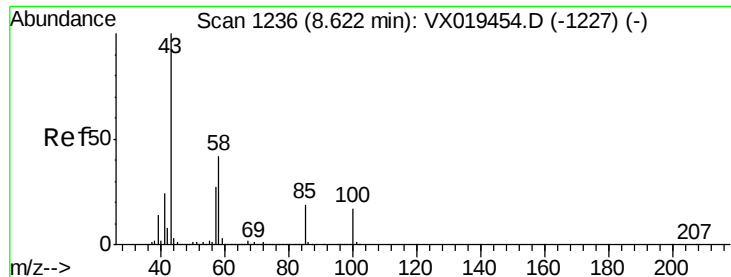
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	98	Resp:	491627
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 267.938 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1091339

Ion Ratio Lower Upper

43 100

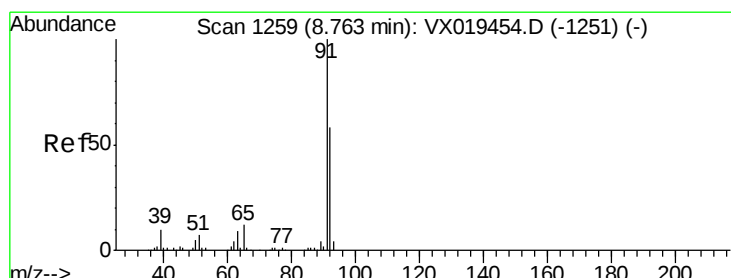
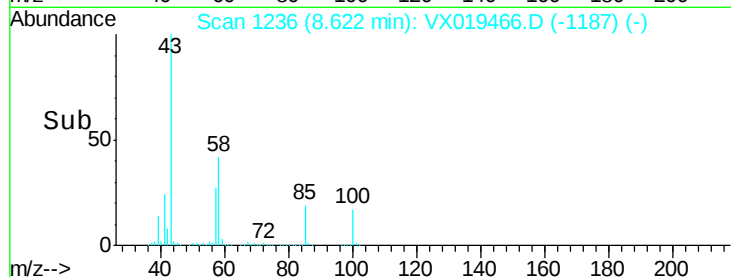
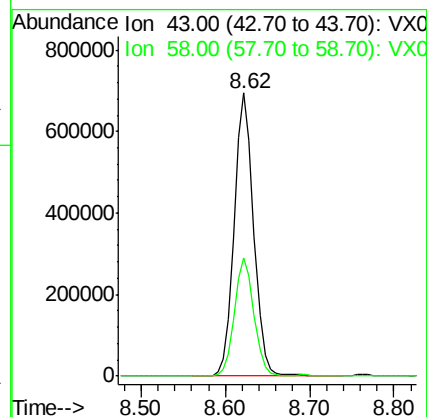
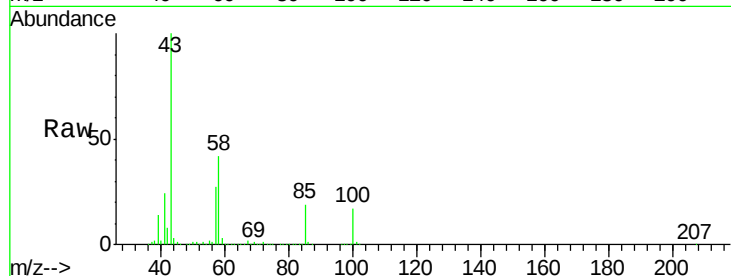
58 41.6 33.0 49.4

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#52

Toluene

Concen: 53.026 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019466.D

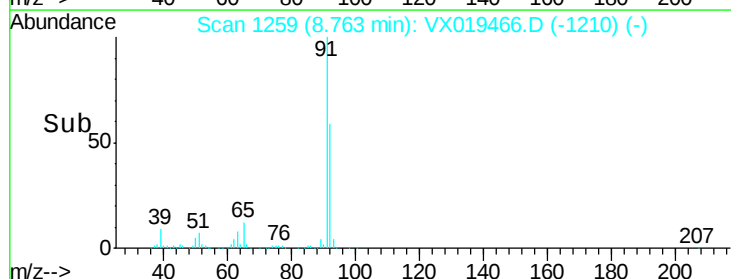
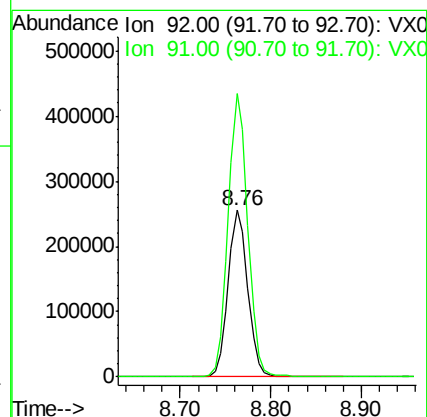
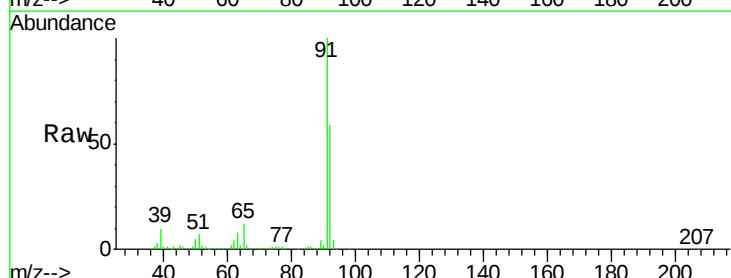
Acq: 18 Nov 2020 21:18

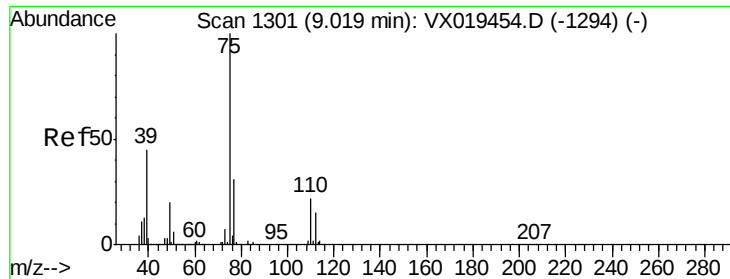
Tgt Ion: 92 Resp: 385943

Ion Ratio Lower Upper

92 100

91 170.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 48.149 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tot Ion: 75 Resp: 236982

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

Instrument :

MSVOA_X

ClientSampleId :

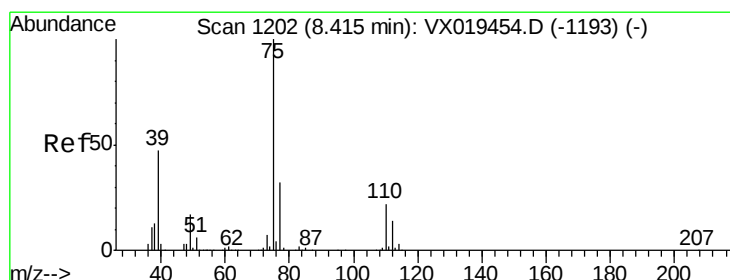
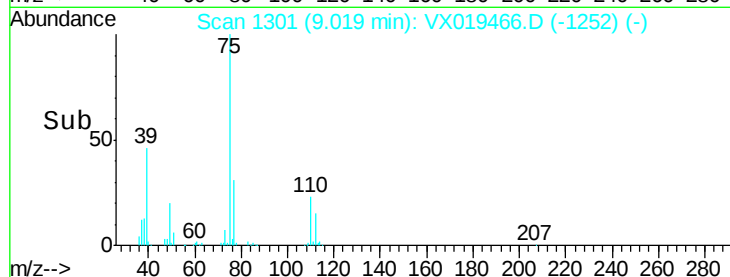
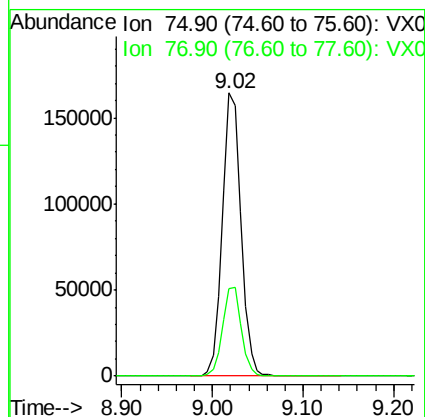
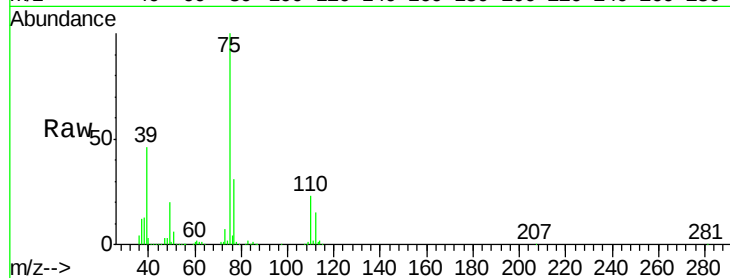
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 48.209 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

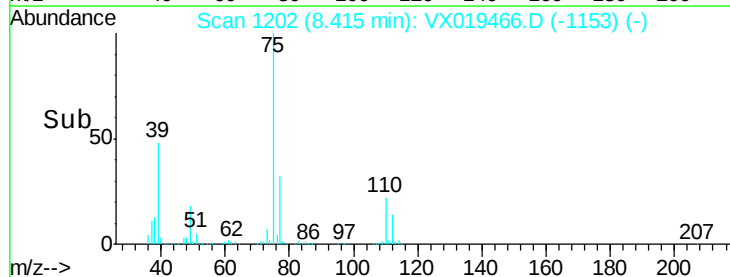
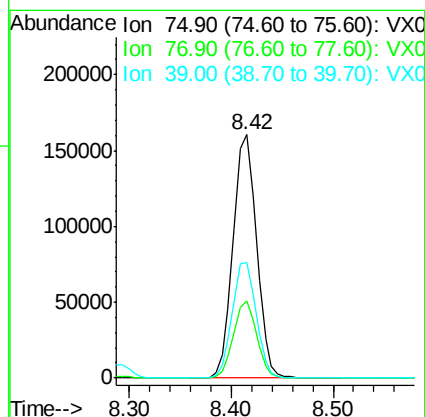
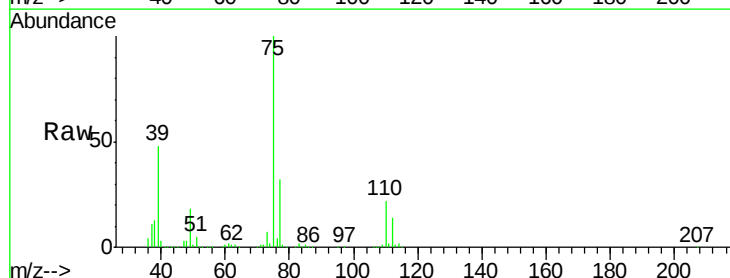
Tgt Ion: 75 Resp: 255496

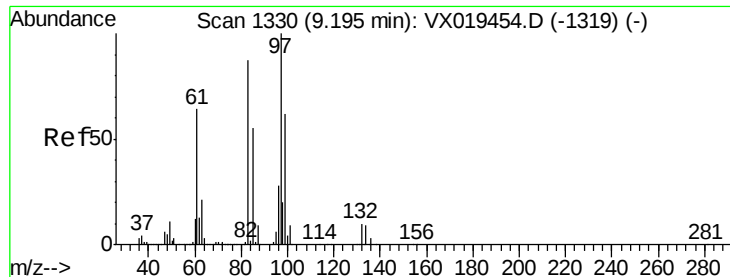
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 47.6 37.4 56.2





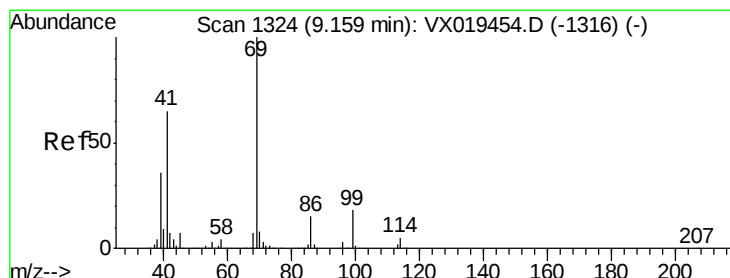
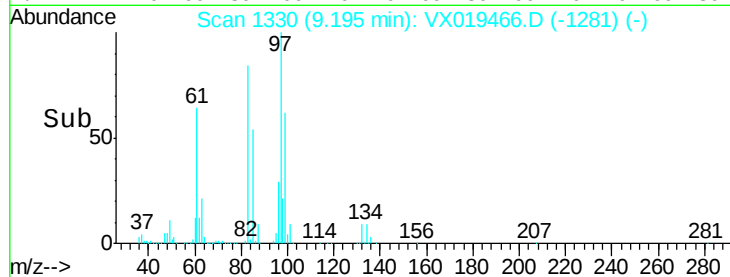
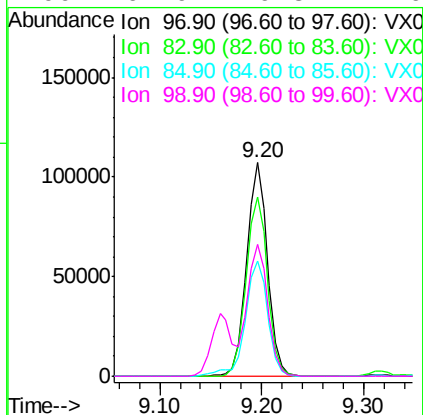
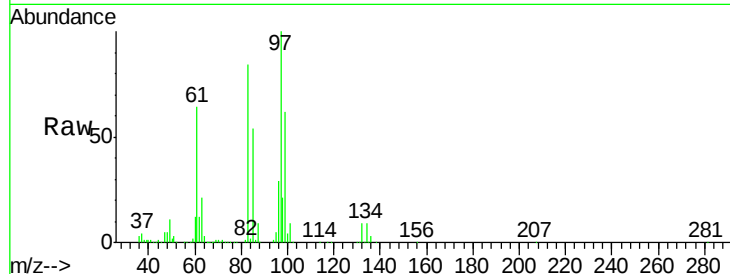
#55
 1,1,2-Trichloroethane
 Concen: 51.891 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	152969
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.7	104.5
85	54.1	44.2	66.4
99	61.9	49.8	74.6

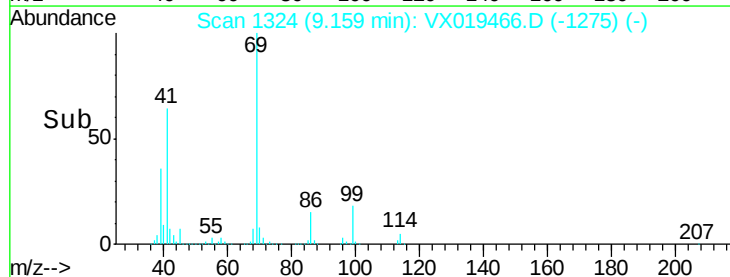
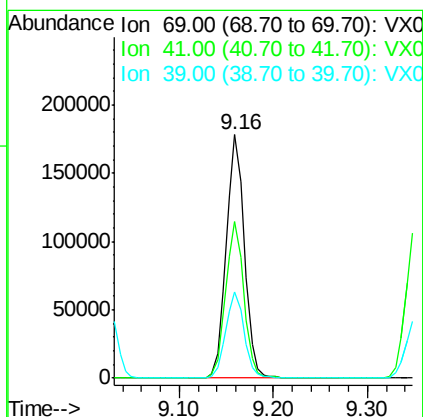
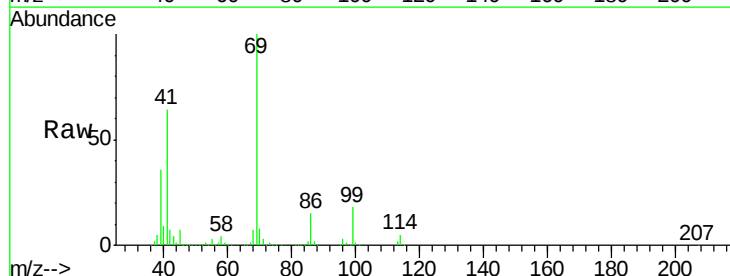
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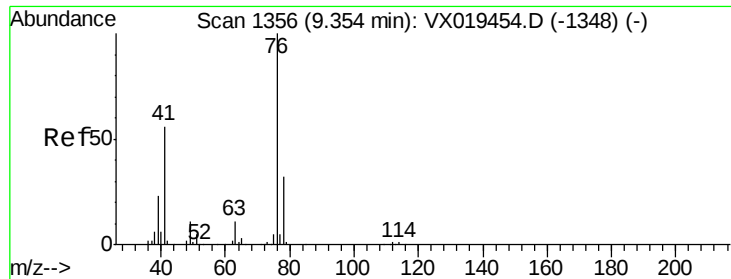
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 11/19/2020 11:58:52 AM



#56
 Ethyl methacrylate
 Concen: 49.709 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion:	69	Resp:	239599
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	36.0	29.5	44.3





#57

1,3-Dichloropropane

Concen: 52.232 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 267526

Ion Ratio Lower Upper

76 100

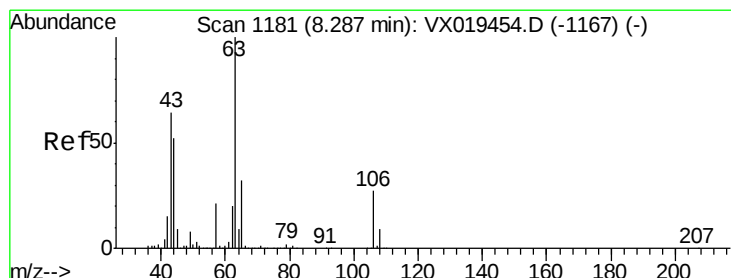
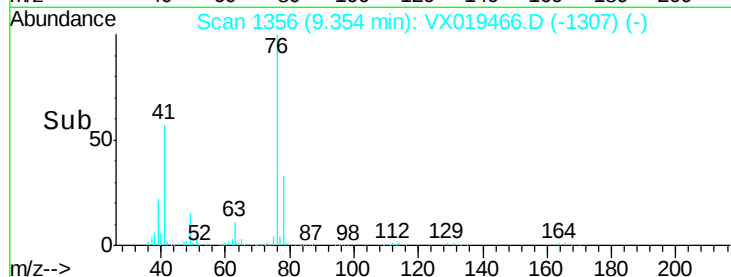
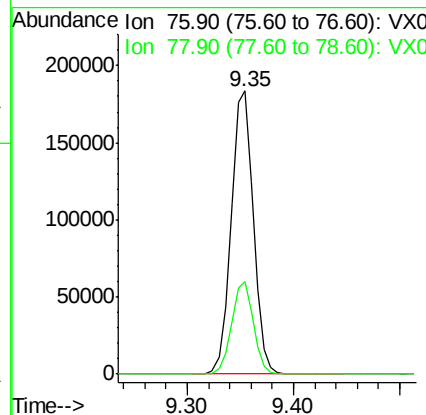
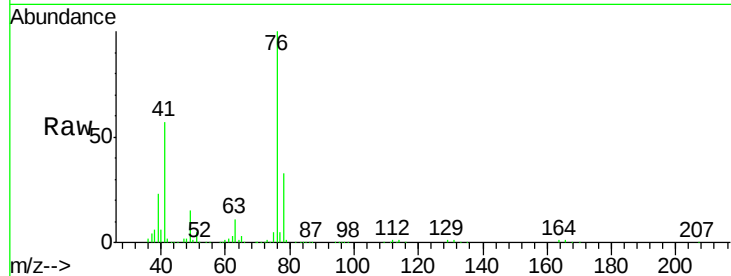
78 32.0 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 270.315 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019466.D

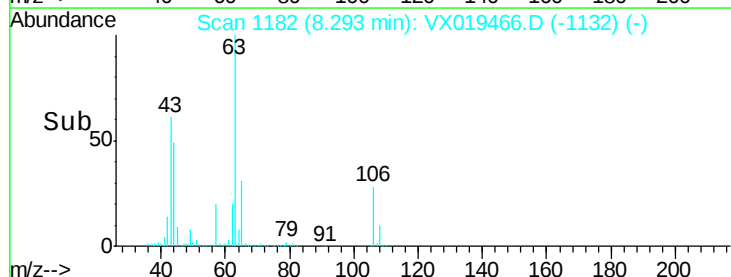
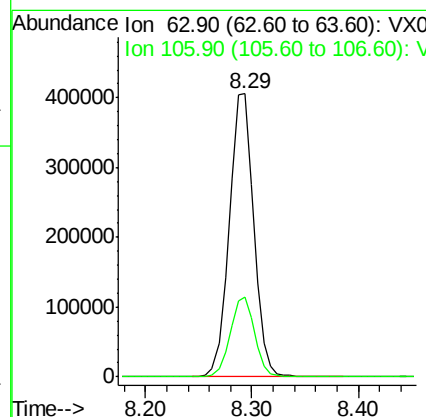
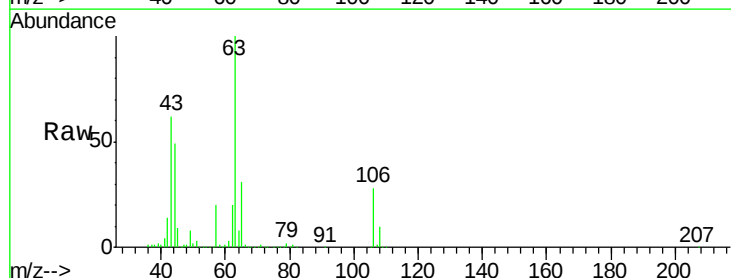
Acq: 18 Nov 2020 21:18

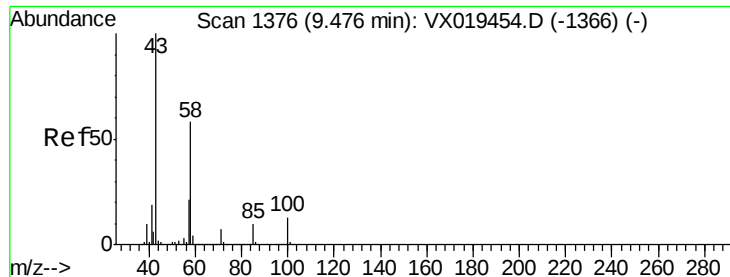
Tgt Ion: 63 Resp: 653072

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2





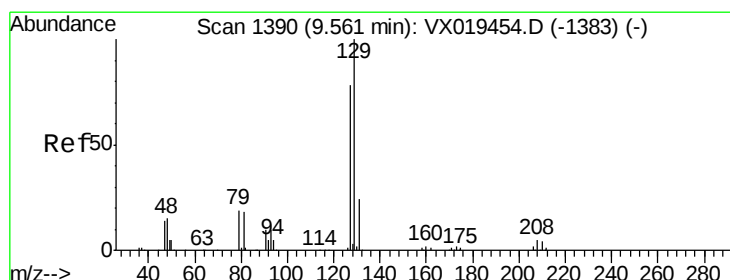
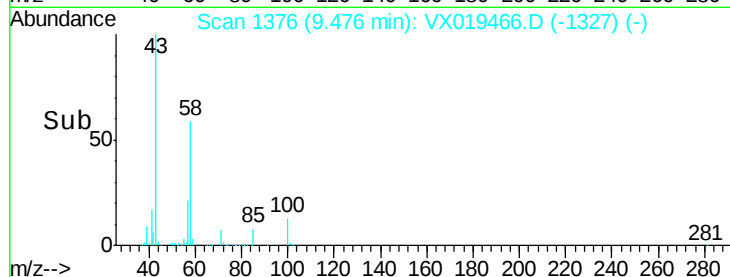
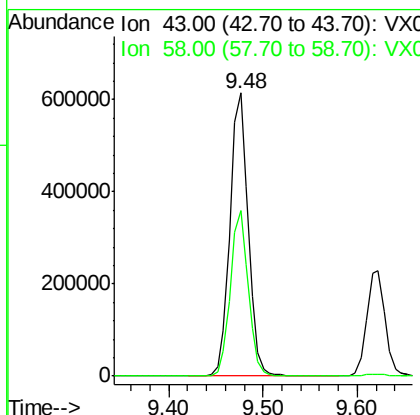
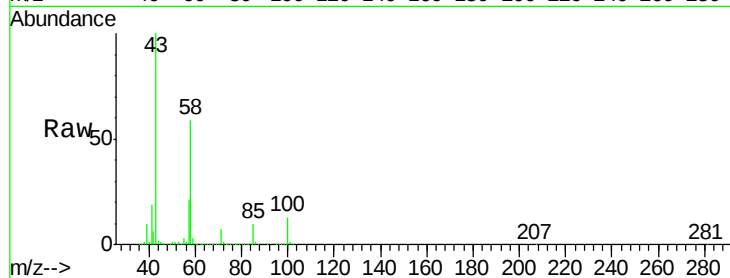
#59
2-Hexanone
Concen: 267.624 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 825570
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5

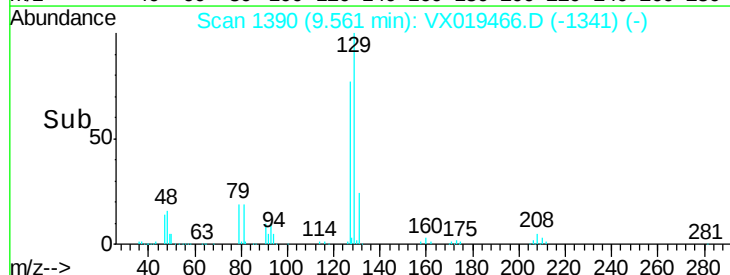
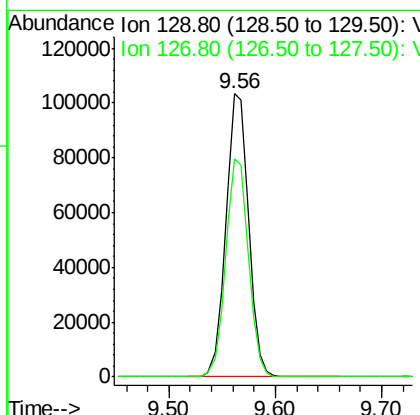
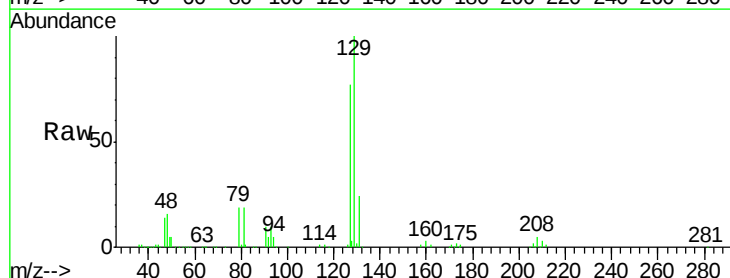
Manual Integrations
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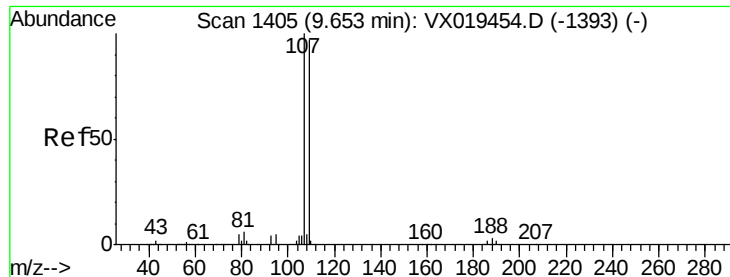
MMDadoda
11/19/2020 11:58:52 AM



#60
Dibromochloromethane
Concen: 48.138 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 129 Resp: 154342
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.534 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 160528

Ion Ratio Lower Upper

107 100

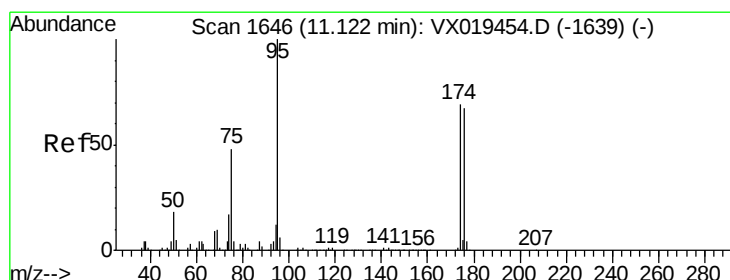
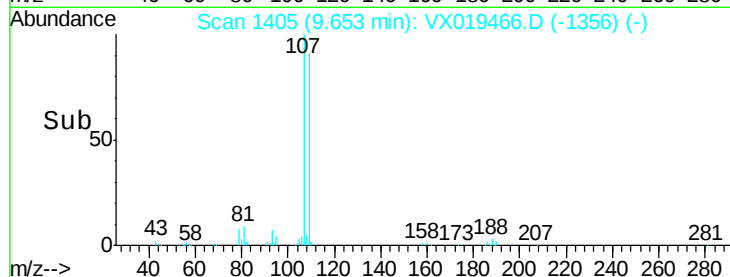
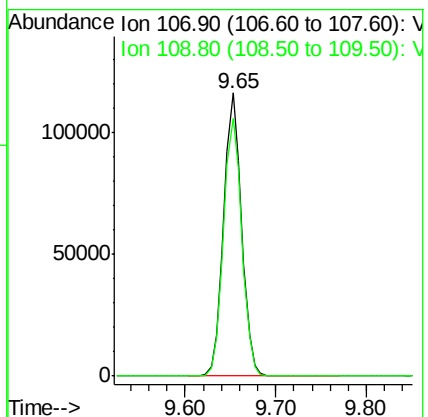
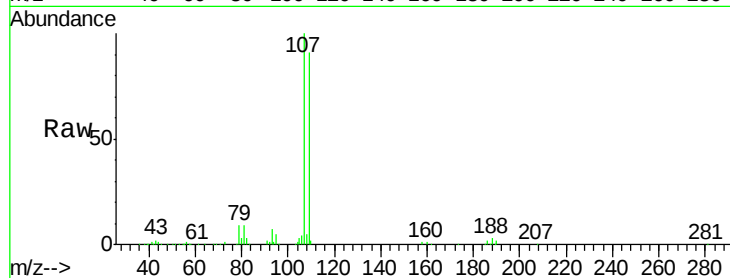
109 93.5 75.5 113.3

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#62

4-Bromofluorobenzene

Concen: 48.837 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

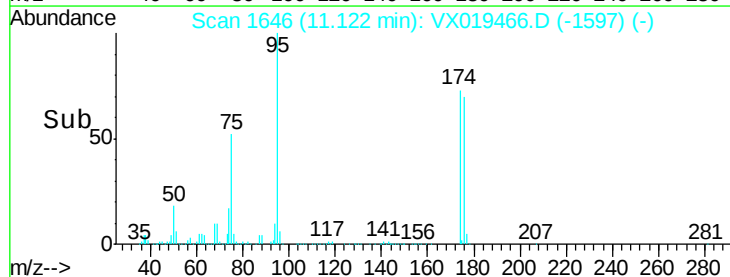
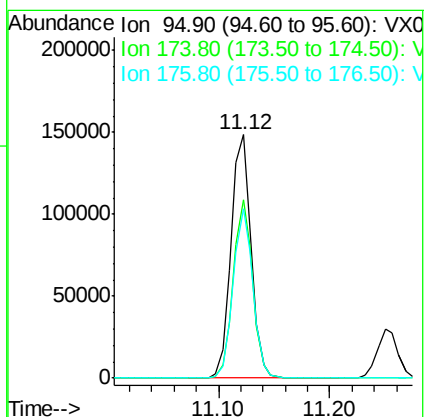
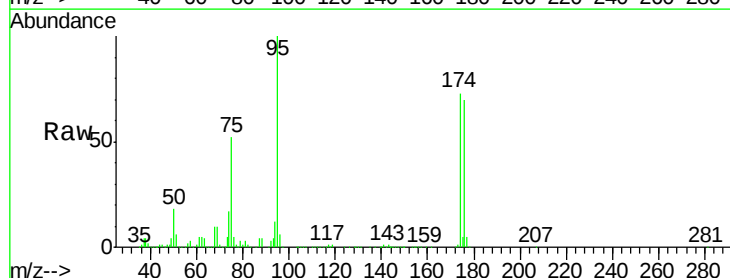
Tgt Ion: 95 Resp: 184183

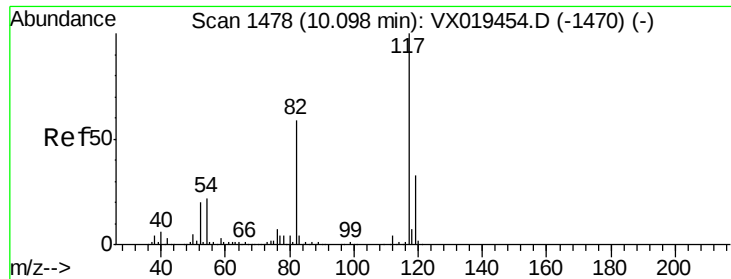
Ion Ratio Lower Upper

95 100

174 71.0 0.0 141.4

176 68.4 0.0 137.6





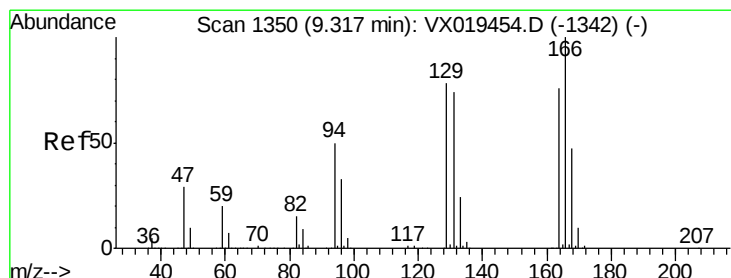
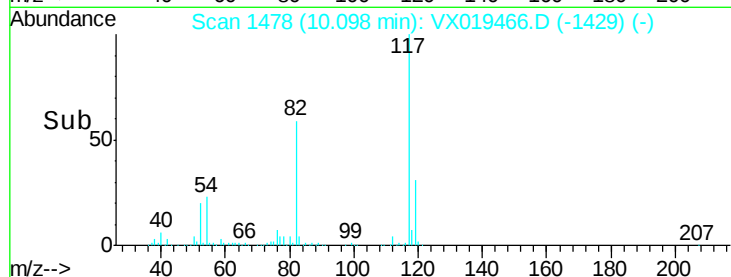
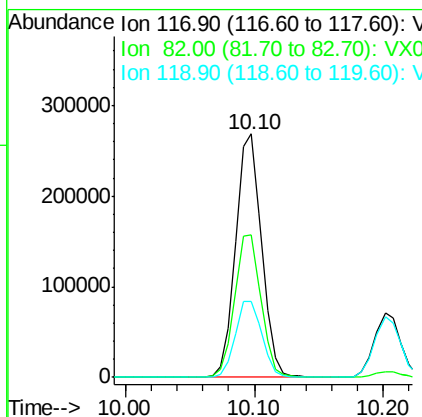
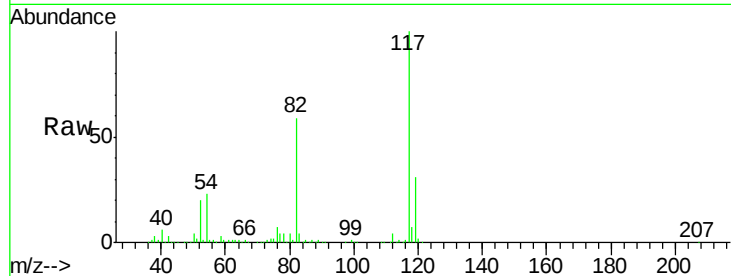
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	31.2	26.3	39.5

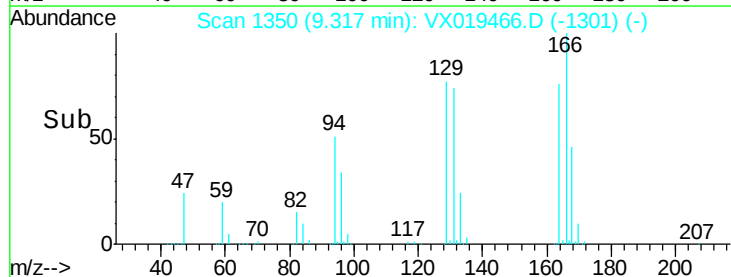
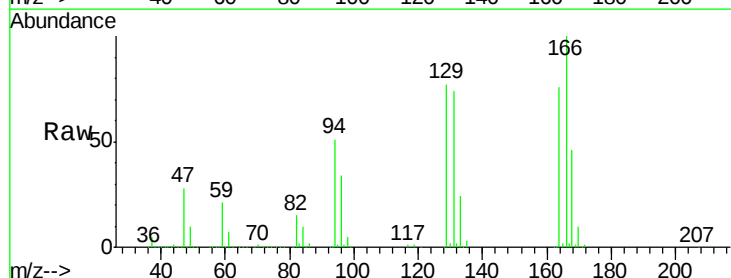
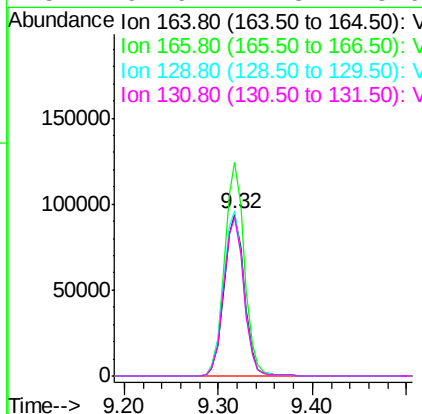
Manual Integrations
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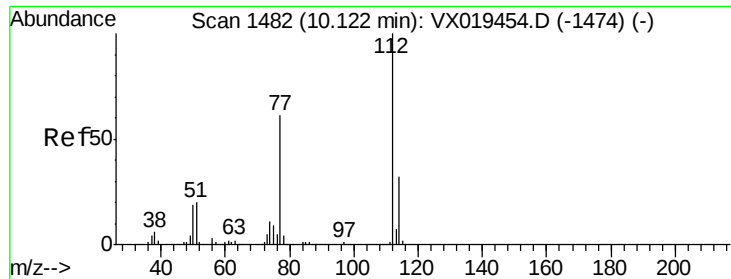
MMDadoda
11/19/2020 11:58:52 AM



#64
Tetrachloroethene
Concen: 47.571 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	104.6	157.0
129	101.9	81.4	122.2
131	97.9	77.3	115.9





#65

Chlorobenzene

Concen: 51.133 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 395283

Ion Ratio Lower Upper

112 100

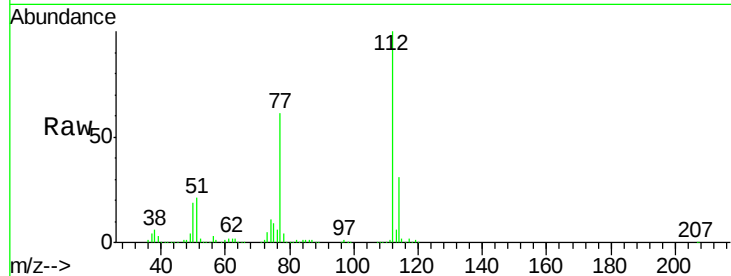
114 31.4 25.5 38.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

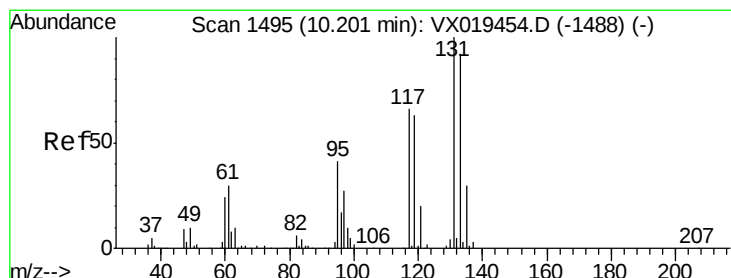
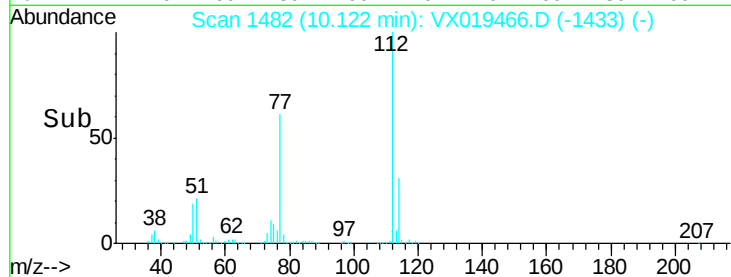
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.128 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

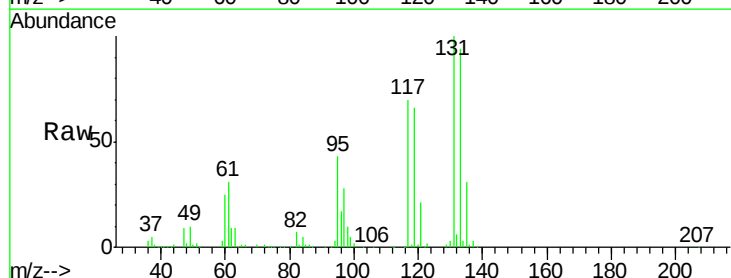
Tgt Ion:131 Resp: 145275

Ion Ratio Lower Upper

131 100

133 95.2 46.2 138.5

119 64.3 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

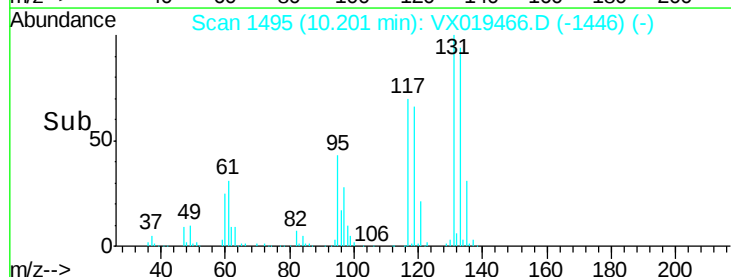
10.20

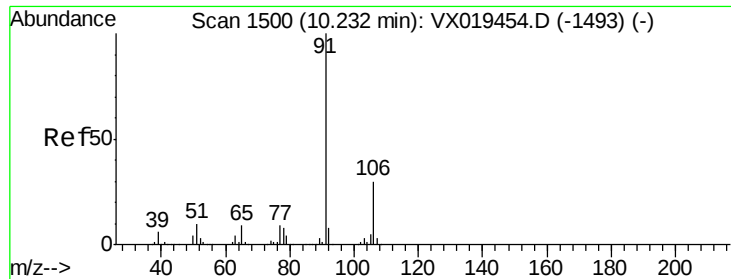
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 52.875 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 739521

Ion Ratio Lower Upper

91 100

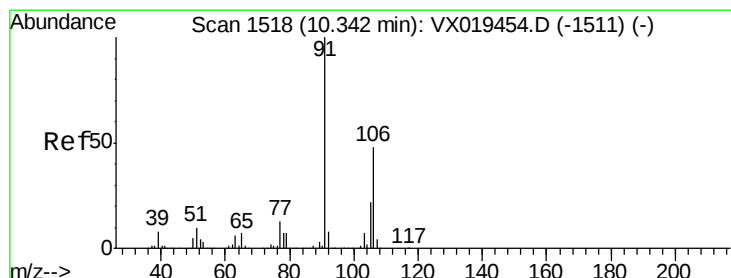
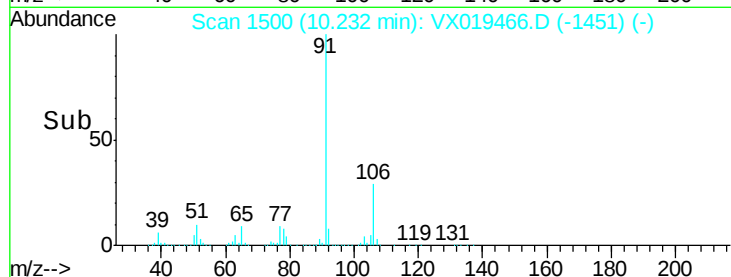
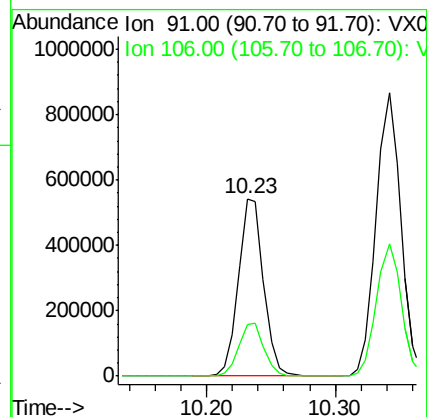
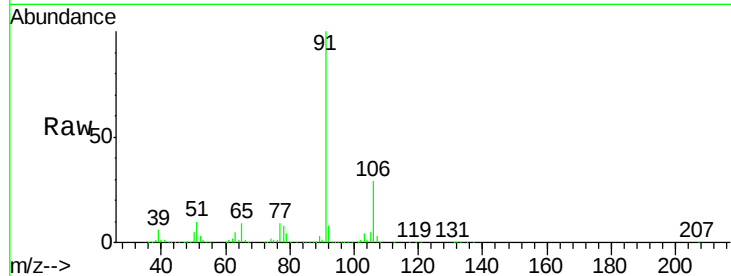
106 29.5 23.8 35.6

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#68

m/p-Xylenes

Concen: 106.128 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019466.D

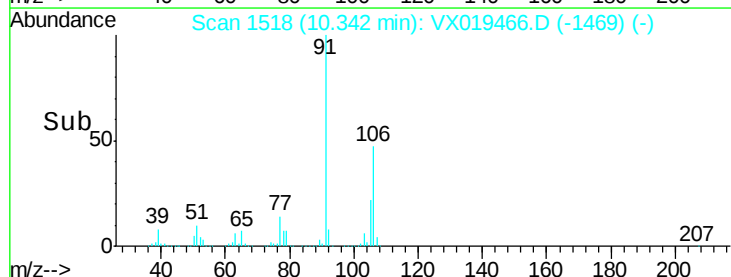
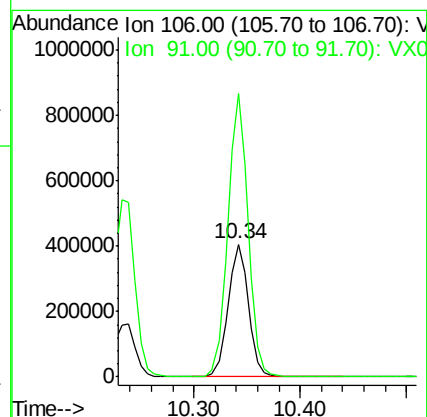
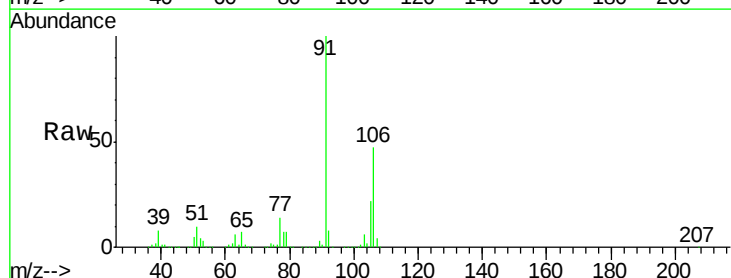
Acq: 18 Nov 2020 21:18

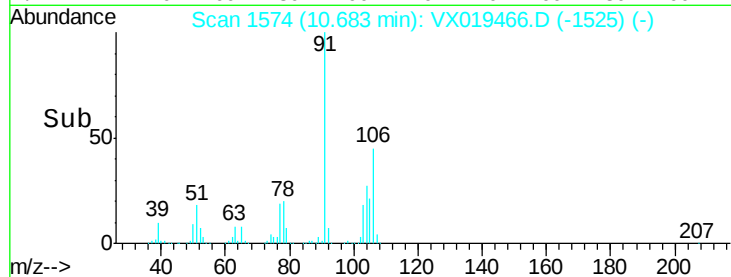
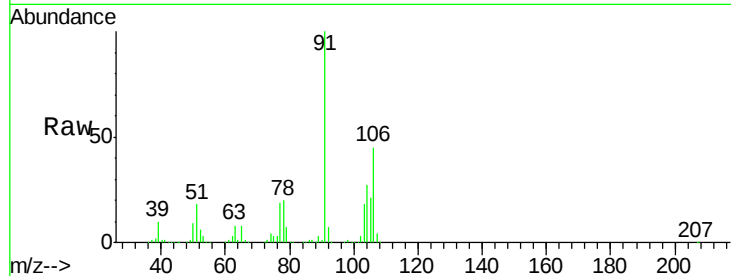
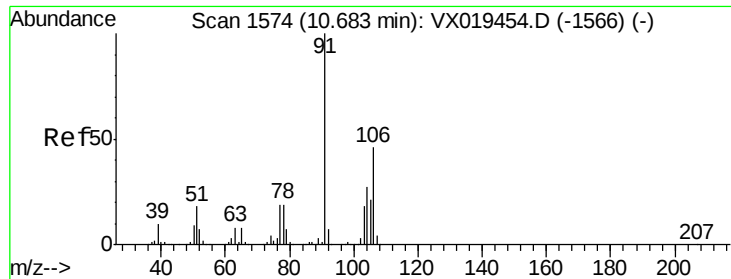
Tgt Ion: 106 Resp: 541243

Ion Ratio Lower Upper

106 100

91 211.6 167.2 250.8





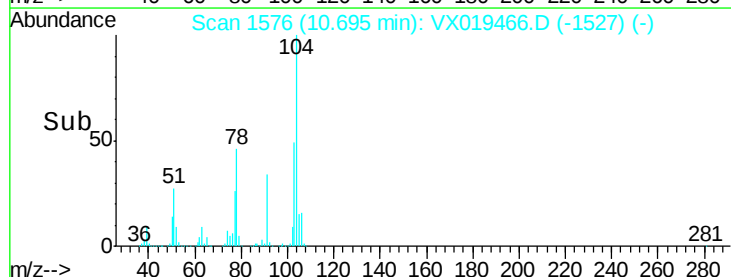
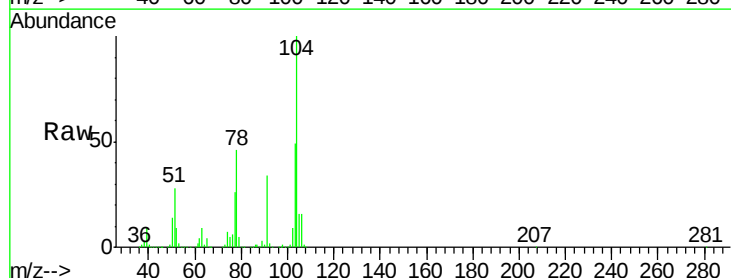
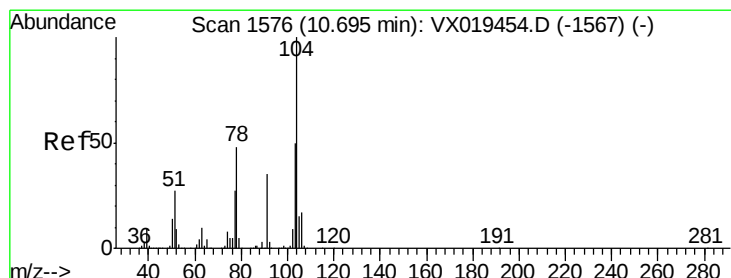
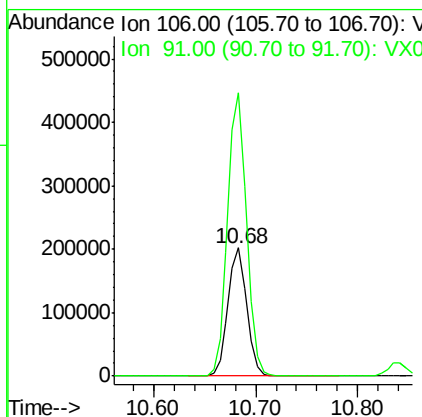
#69
o-Xylene
Concen: 52.853 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	256685		
91	223.1	109.6	328.6	

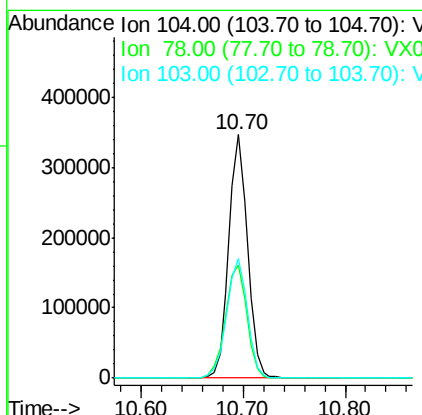
Manual Integrations
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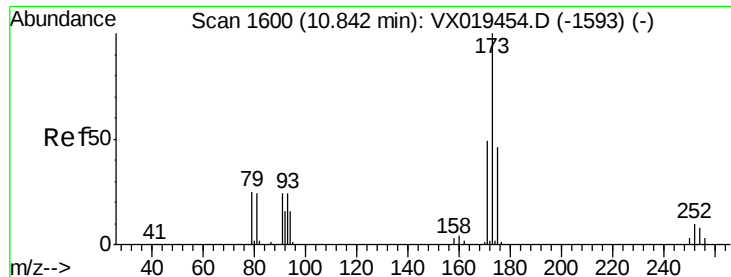
MMDadoda
11/19/2020 11:58:52 AM



#70
Styrene
Concen: 47.760 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	440553		
78	53.3	42.7	64.1	
103	54.5	43.2	64.8	





#71

Bromoform

Concen: 45.501 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 103438

Ion Ratio Lower Upper

173 100

175 48.2 23.9 71.7

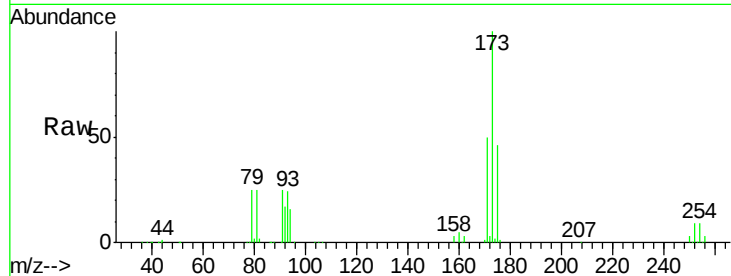
254 0.1 0.1 0.1#

Manual Integrations

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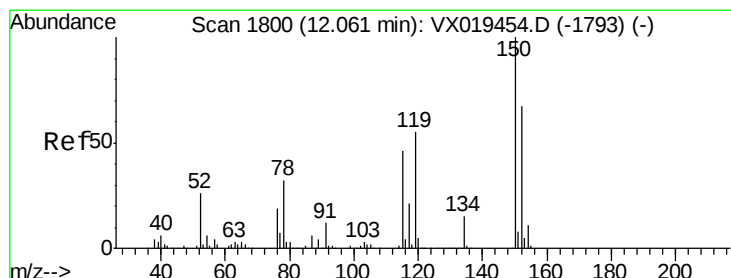
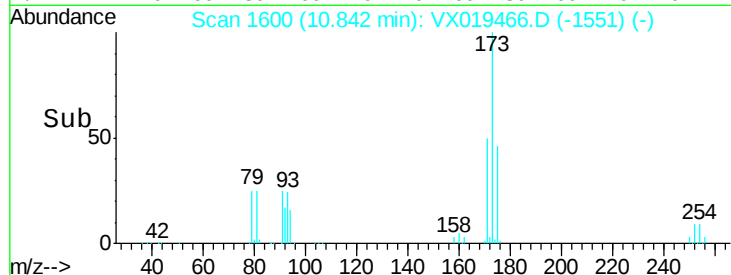
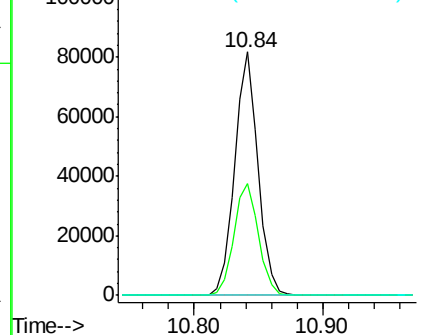
11/19/2020 11:58:52 AM



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: VX019466.D

Acq: 18 Nov 2020 21:18

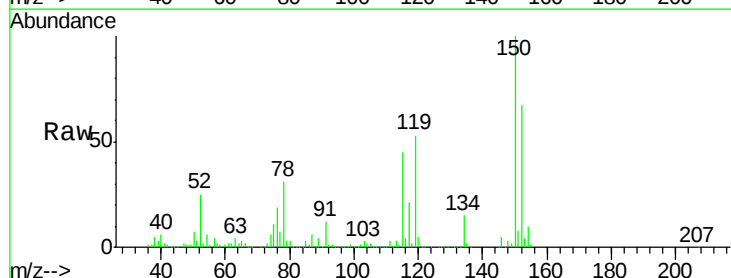
Tgt Ion:152 Resp: 182474

Ion Ratio Lower Upper

152 100

115 89.8 44.9 134.7

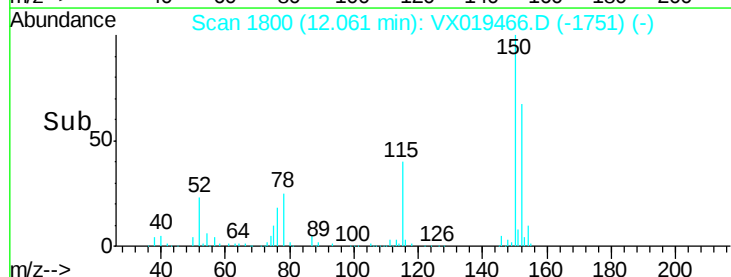
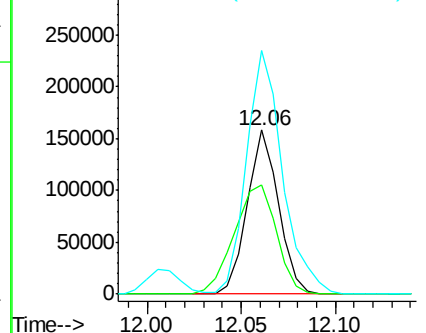
150 170.8 0.0 344.4

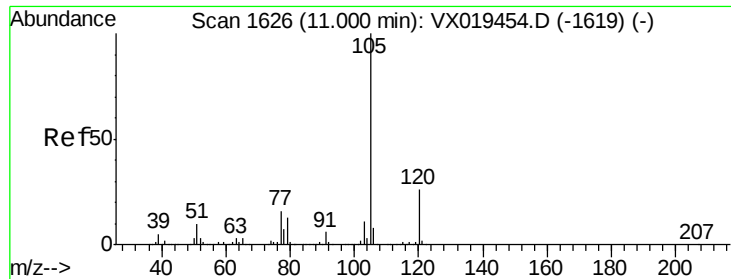


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





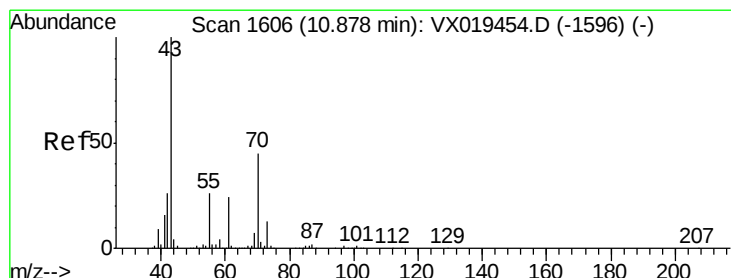
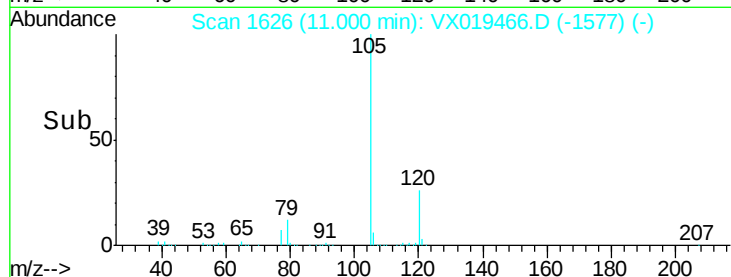
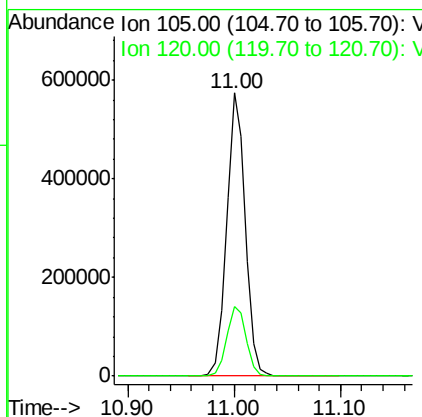
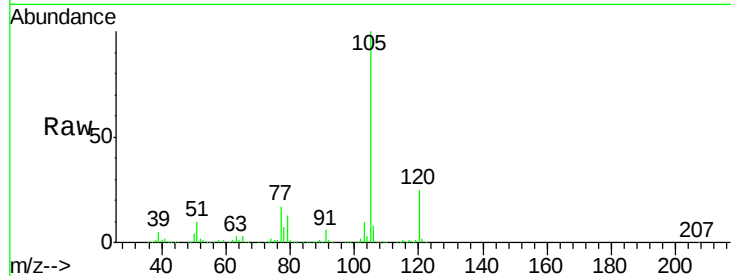
#73
Isopropylbenzene
Concen: 52.989 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.7

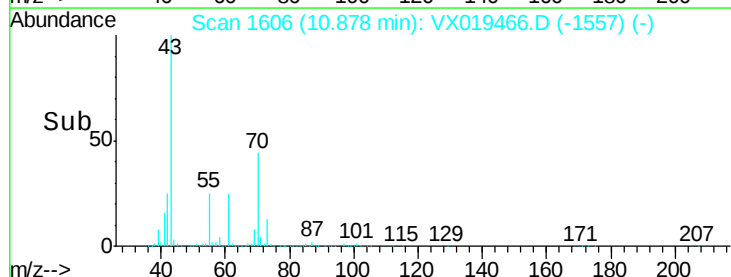
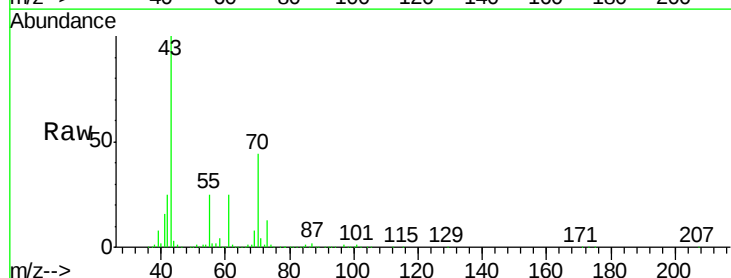
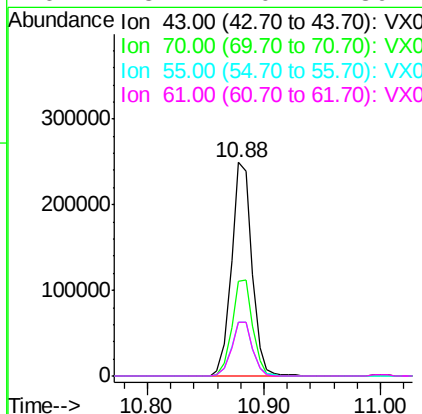
Manual Integrations
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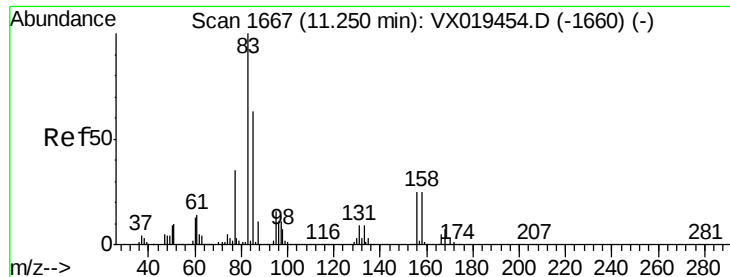
MMDadoda
11/19/2020 11:58:52 AM



#74
N-ethyl acetate
Concen: 54.713 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.8	36.8	55.2
55	26.0	21.0	31.4
61	25.7	20.2	30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.250 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

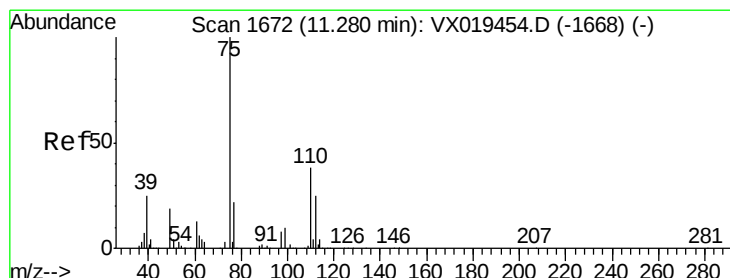
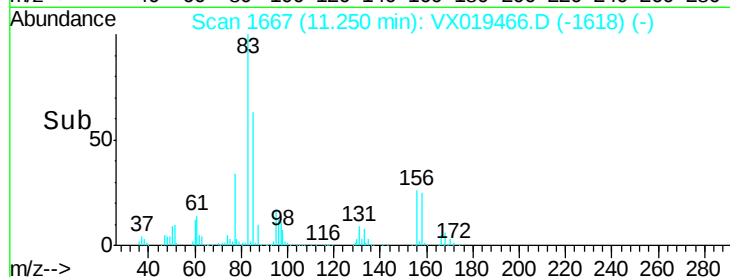
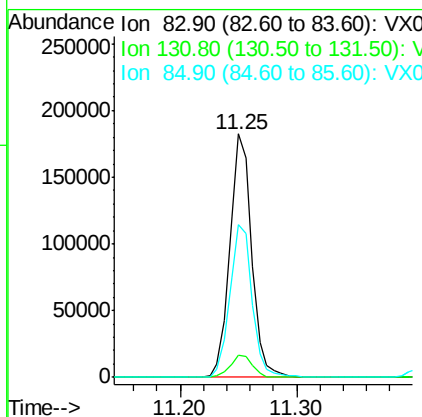
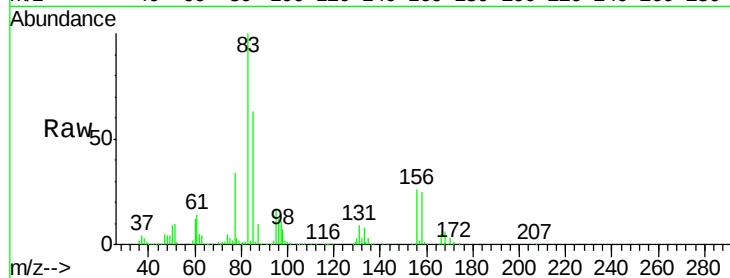
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	237875
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	64.1	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 51.082 ug/l m

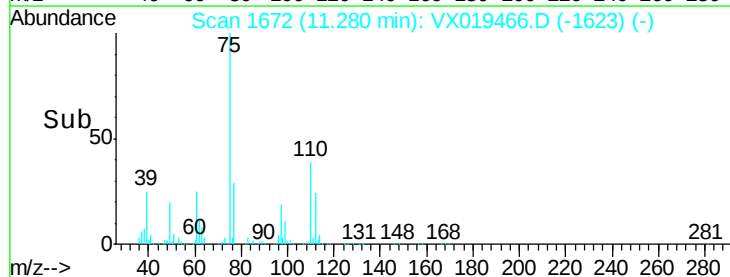
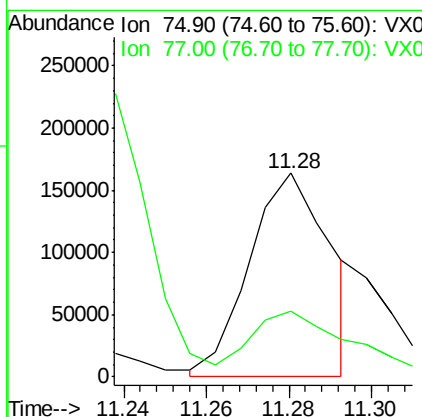
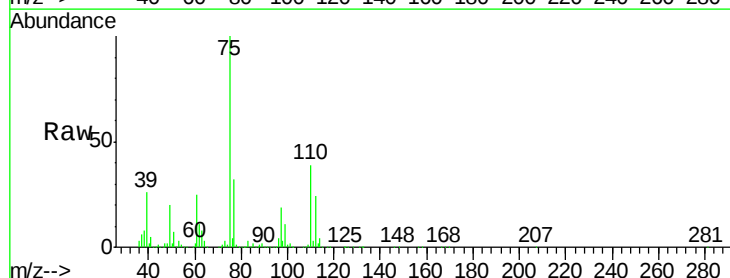
RT: 11.28 min Scan# 1672

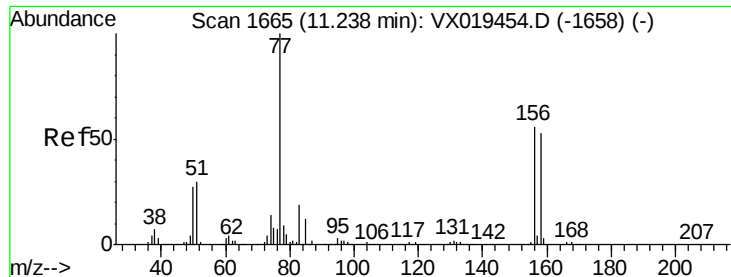
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	75	Resp:	222231
Ion Ratio	Lower	Upper	
75	100		
77	39.7	20.0	59.9





#77

Bromobenzene

Concen: 51.436 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

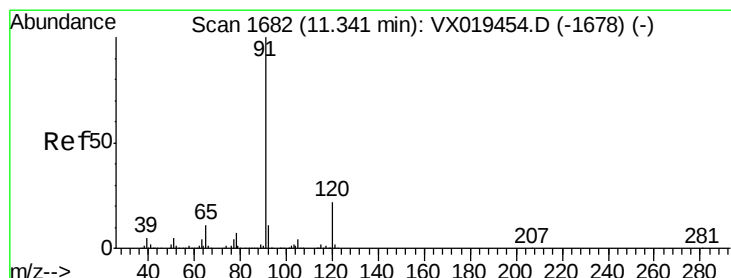
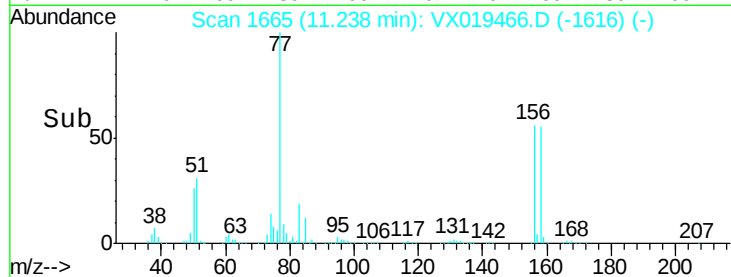
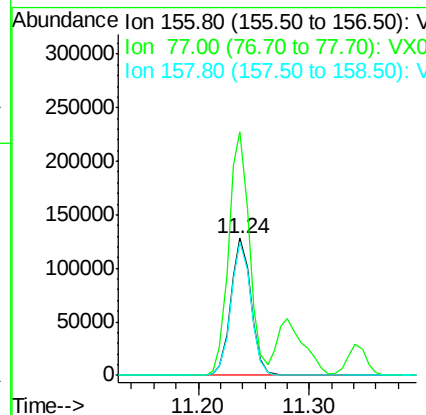
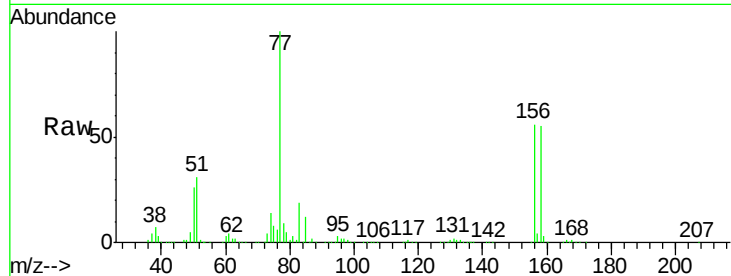
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	159883
Ion Ratio	Lower	Upper	
156	100		
77	182.4	91.3	274.1
158	96.9	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 53.721 ug/l

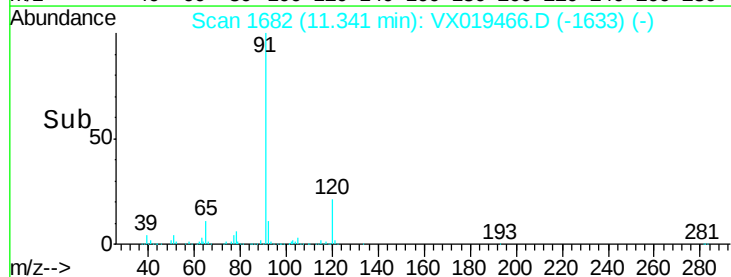
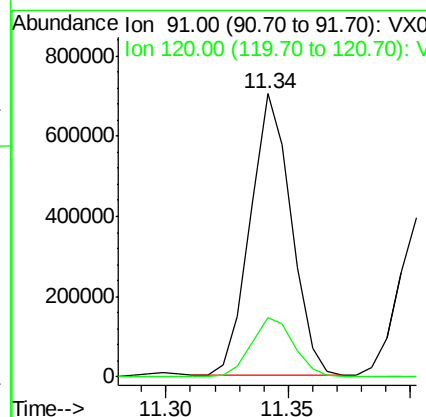
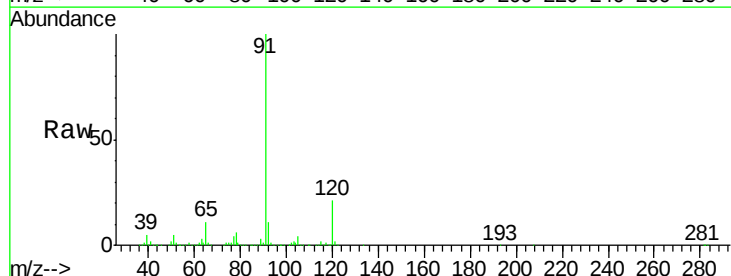
RT: 11.34 min Scan# 1682

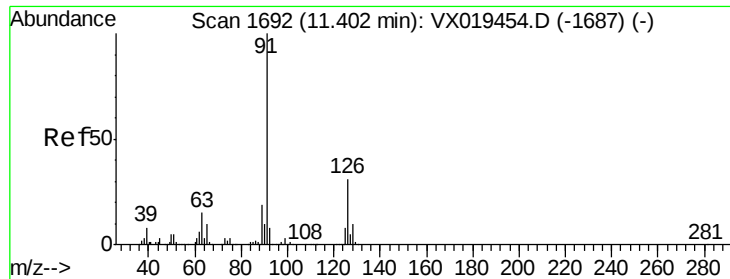
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	91	Resp:	817745
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.1	33.3





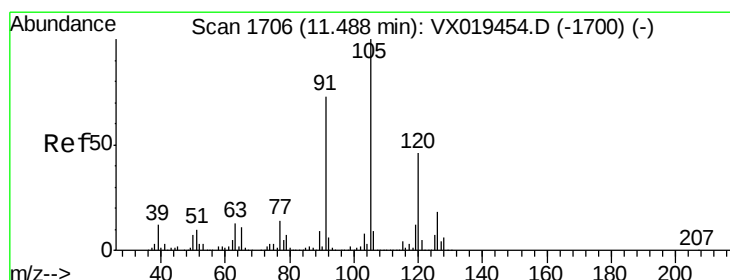
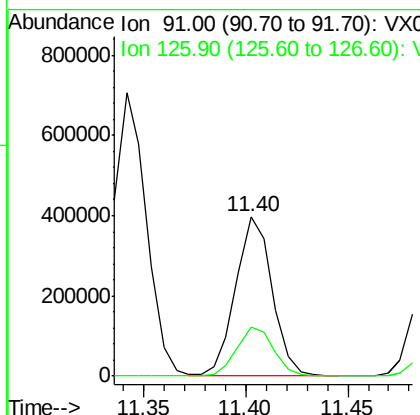
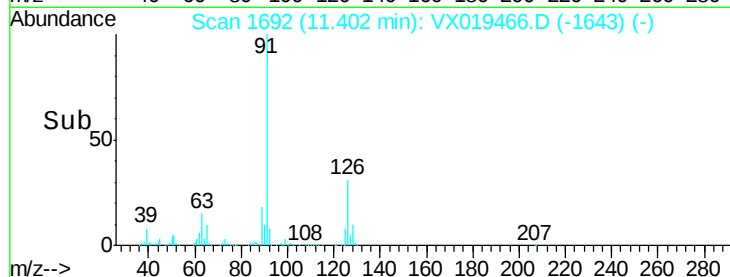
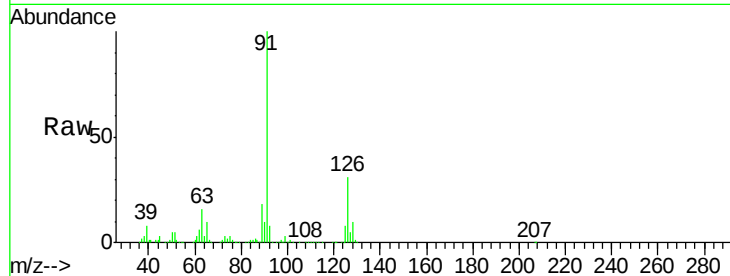
#79
 2-Chlorotoluene
 Concen: 52.955 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 490002
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.6 46.8

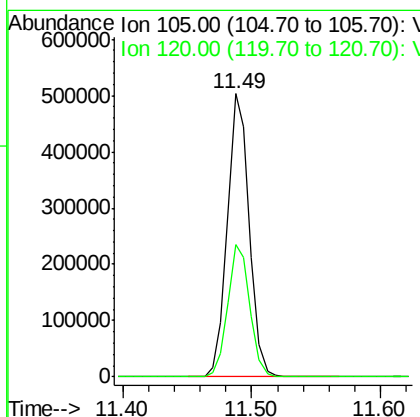
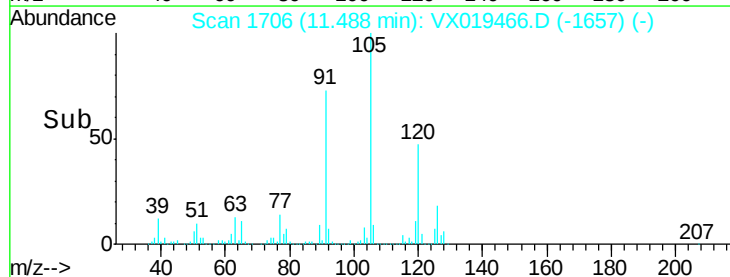
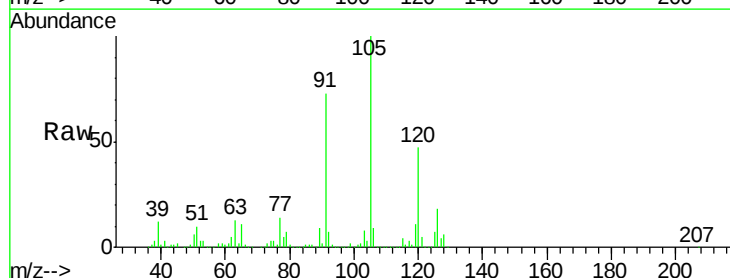
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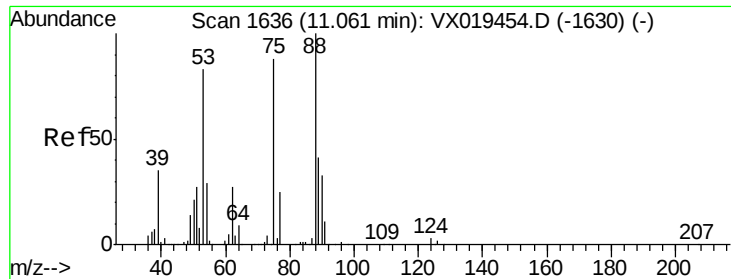
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.623 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 105 Resp: 601978
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8





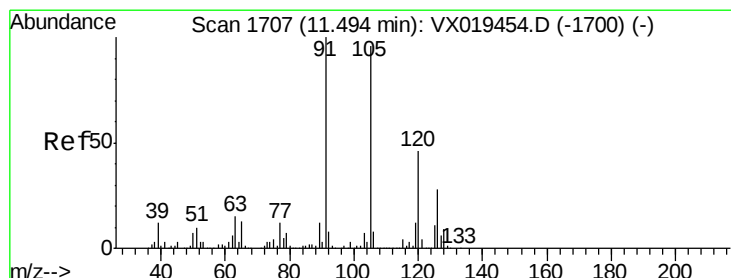
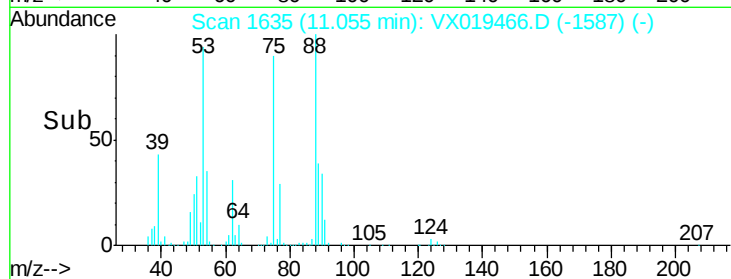
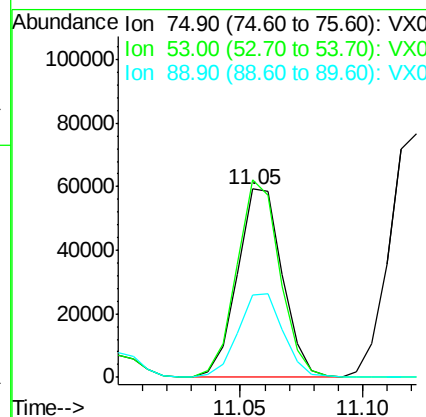
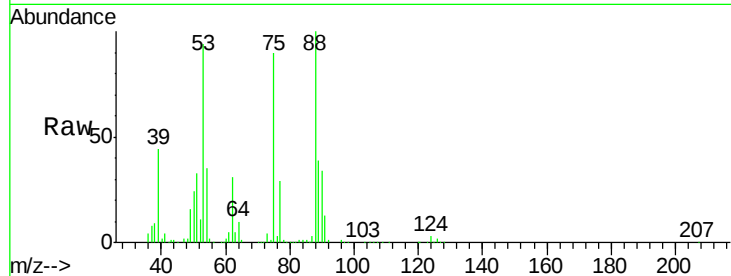
#81
trans-1,4-Dichloro-2-butene
Concen: 46.951 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	81.0	121.6
89	45.2	37.0	55.4

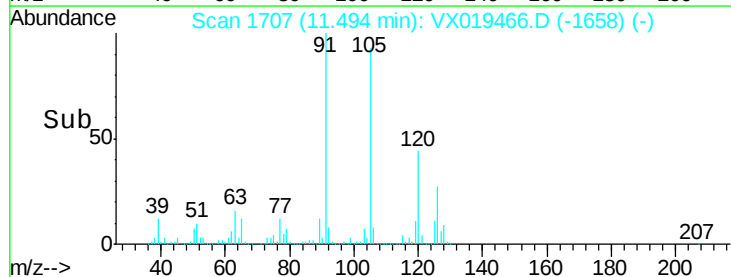
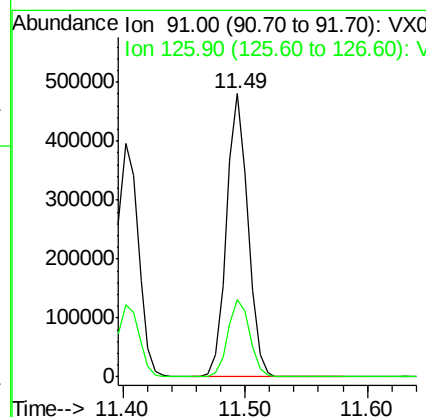
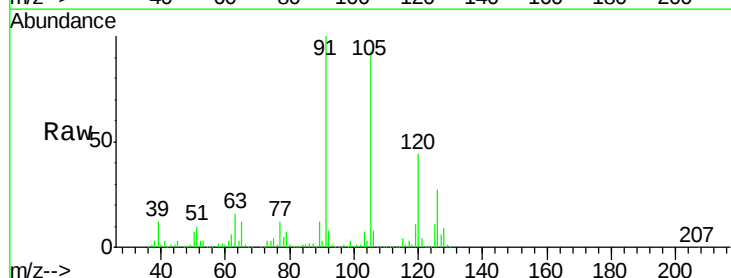
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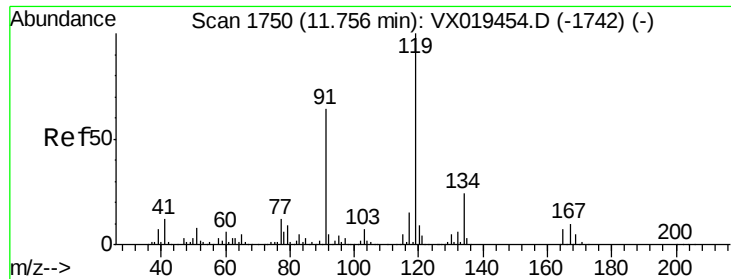
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#82
4-Chlorotoluene
Concen: 52.621 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.1	42.2





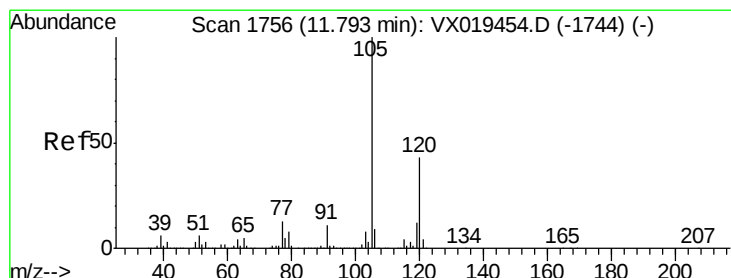
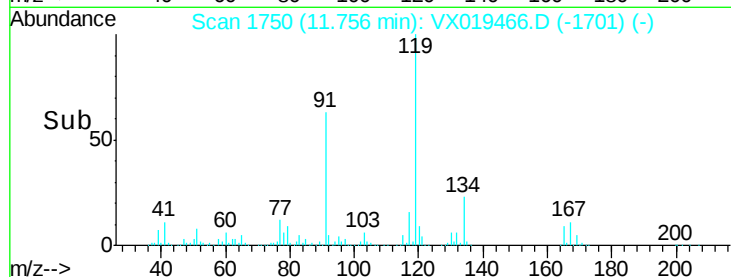
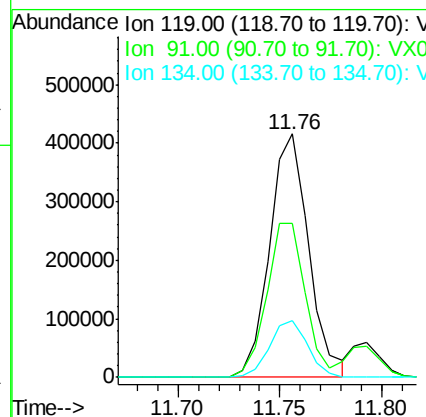
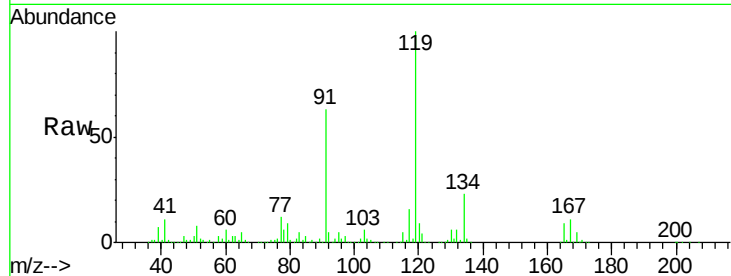
#83
 tert-Butylbenzene
 Concen: 53.793 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	555482		
91	62.2		31.1	93.2
134	22.8		11.6	34.7

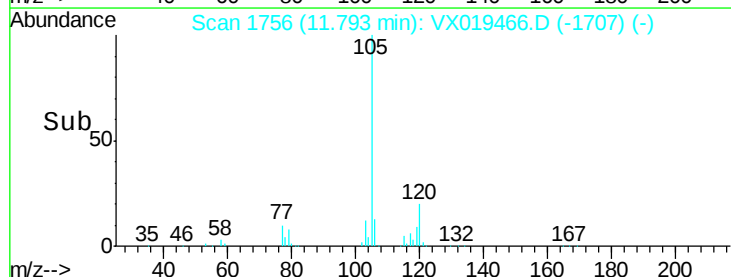
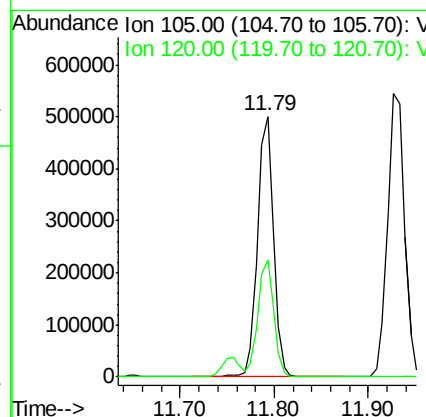
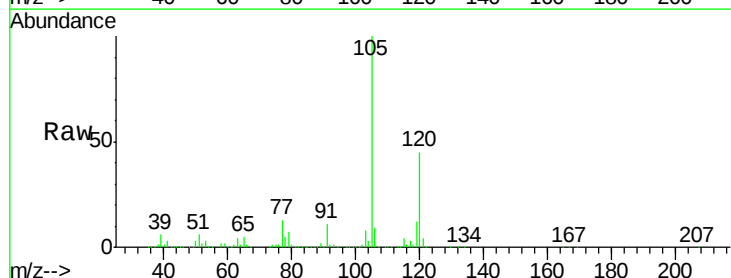
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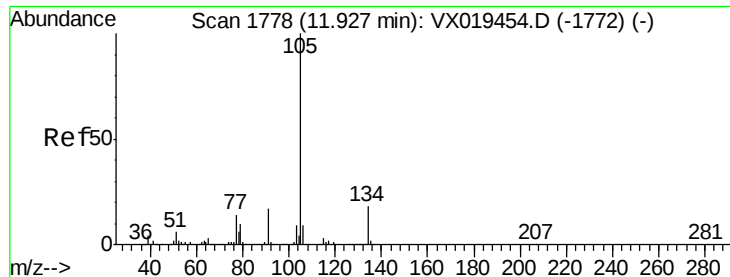
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.838 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	604248		
120	44.4		21.5	64.5





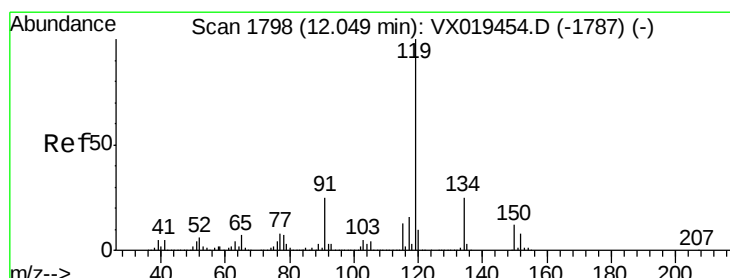
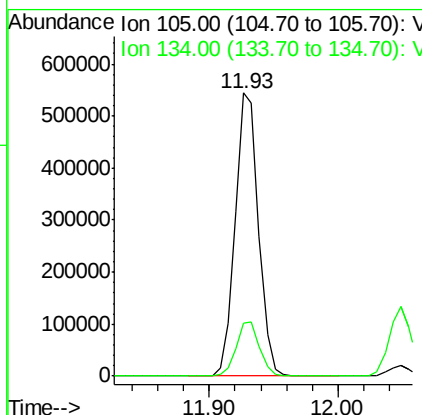
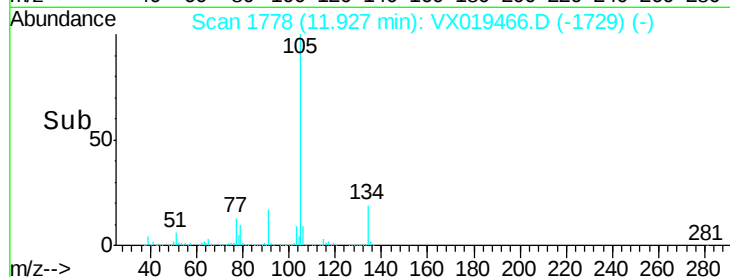
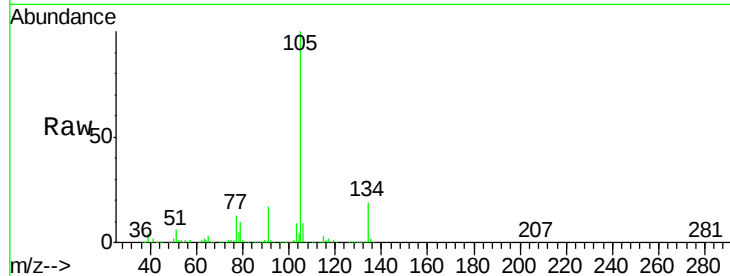
#85
 sec-Butylbenzene
 Concen: 54.103 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.6

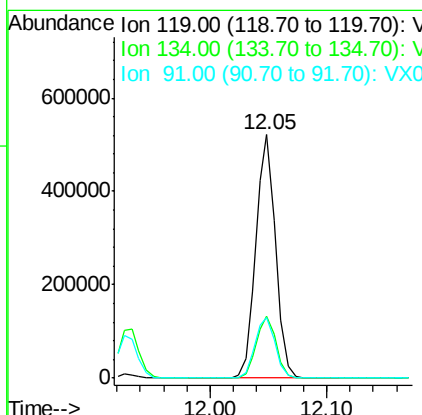
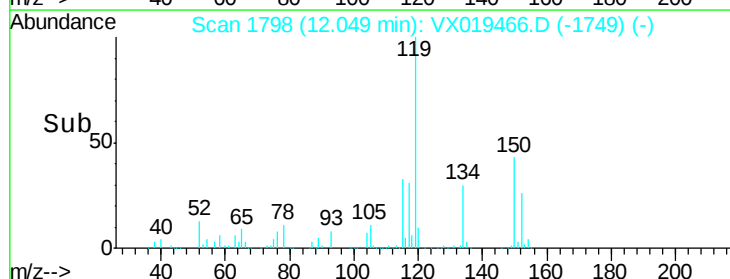
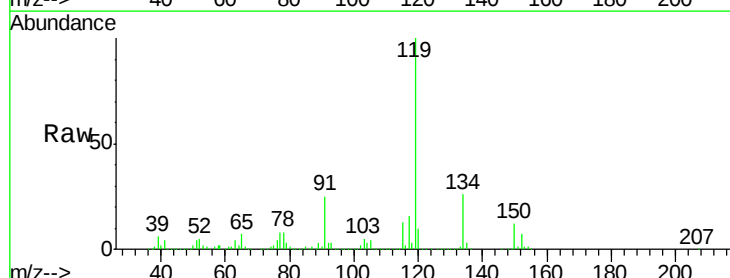
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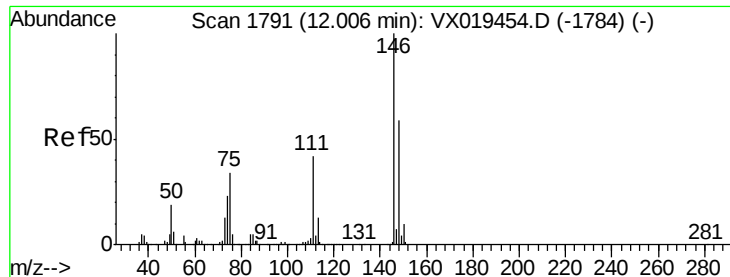
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#86
 p-Isopropyltoluene
 Concen: 48.401 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.3
91	25.6	12.6	37.6





#87

1,3-Dichlorobenzene

Concen: 50.626 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

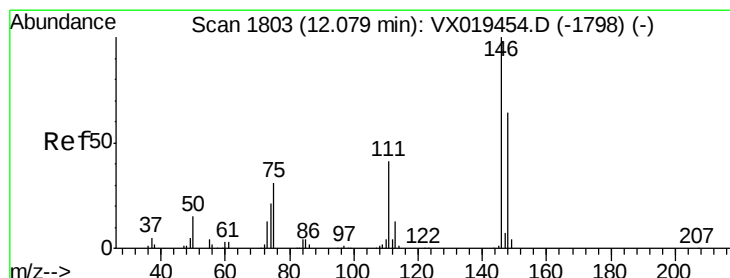
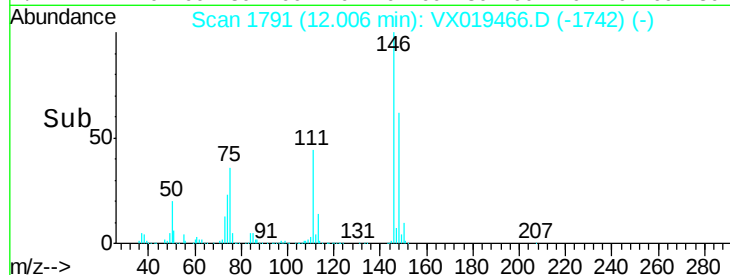
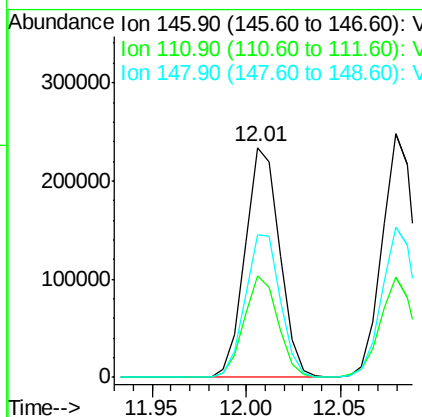
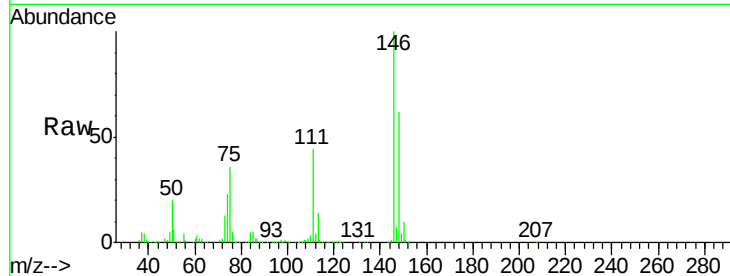
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	298460
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.1	63.4
148	62.9	31.1	93.3

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#88

1,4-Dichlorobenzene

Concen: 50.120 ug/l

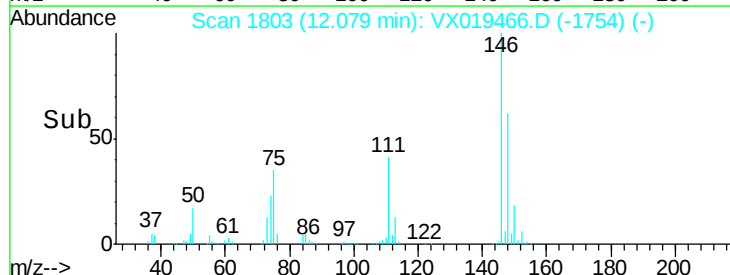
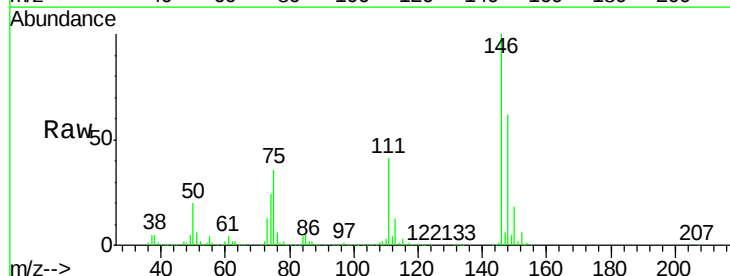
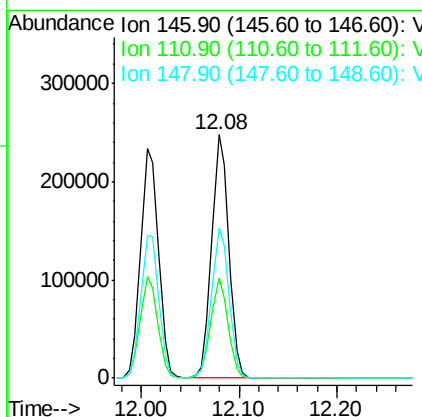
RT: 12.08 min Scan# 1803

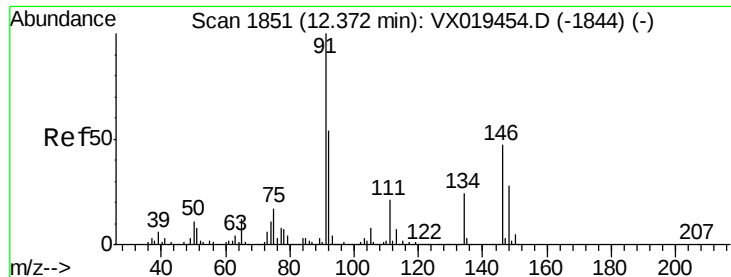
Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion:	146	Resp:	303011
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.7	62.1
148	62.8	31.4	94.0





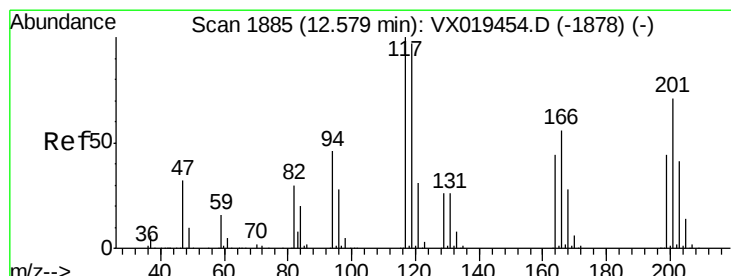
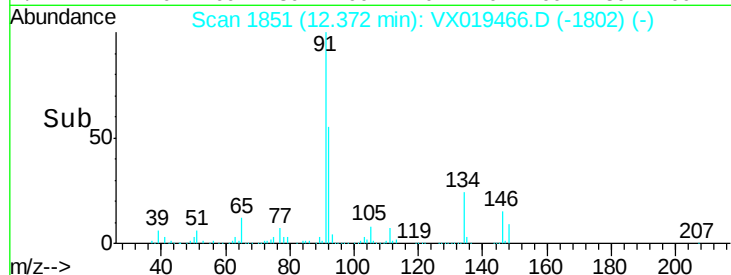
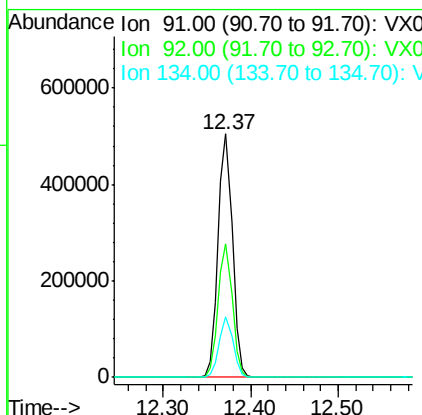
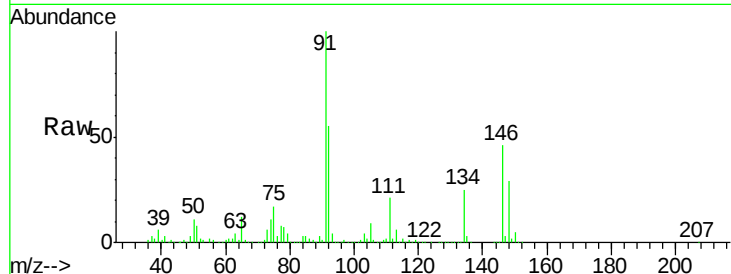
#89
n-Butylbenzene
Concen: 52.873 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.0	81.0
134	24.2	12.0	36.1

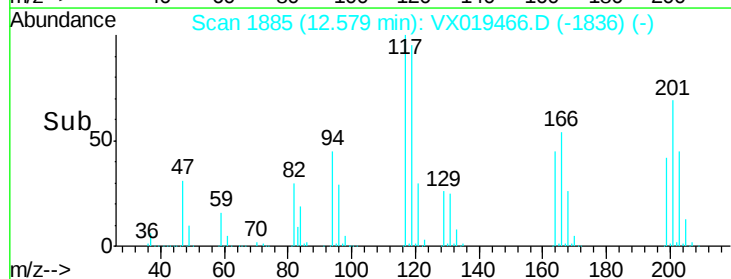
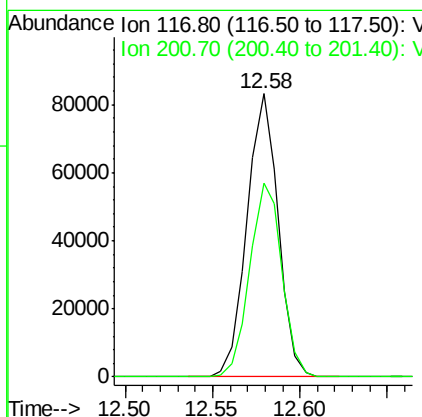
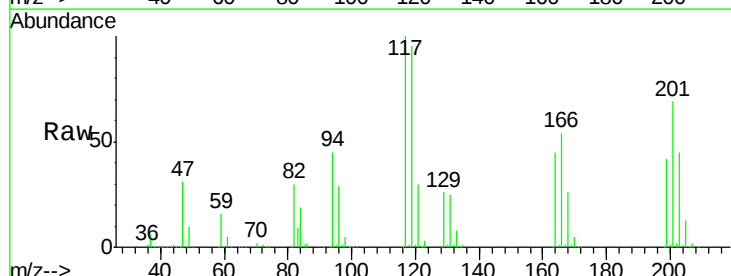
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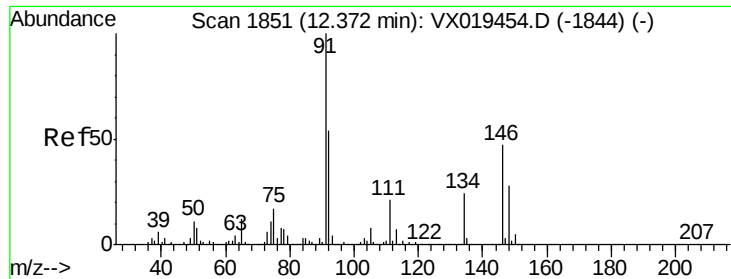
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#90
Hexachloroethane
Concen: 47.120 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	35.8	107.3





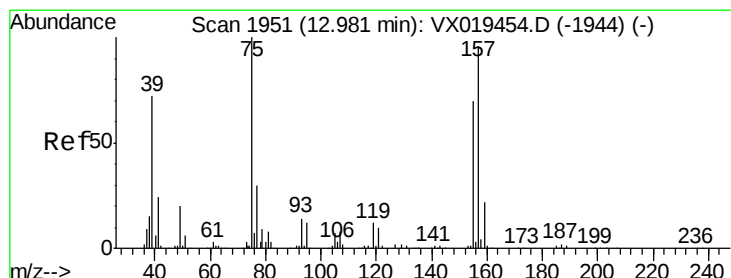
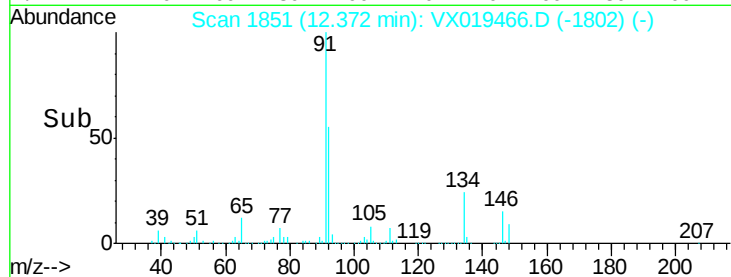
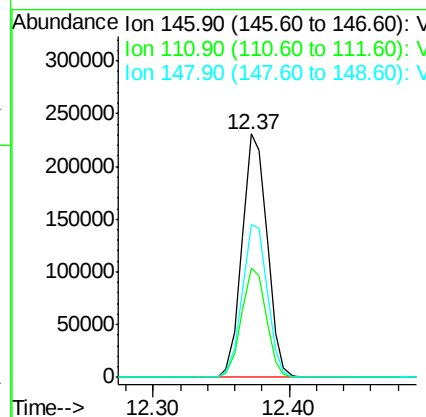
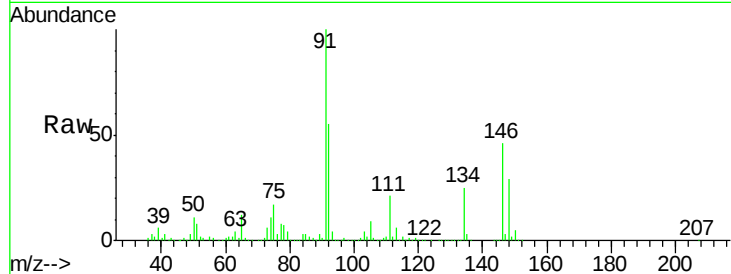
#91
 1,2-Dichlorobenzene
 Concen: 50.867 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	295615		
111	44.5	22.1	66.3	
148	63.2	31.2	93.6	

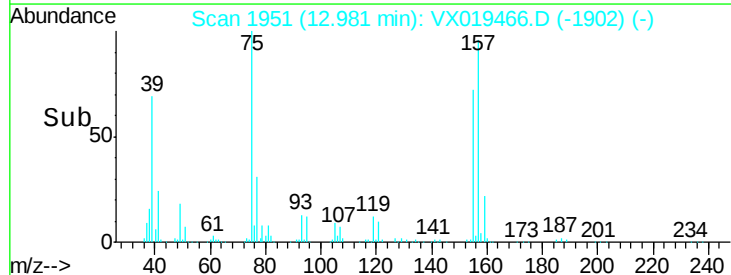
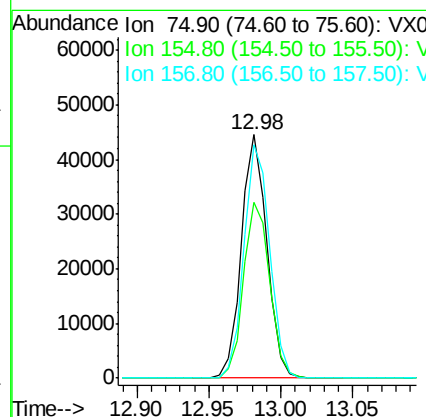
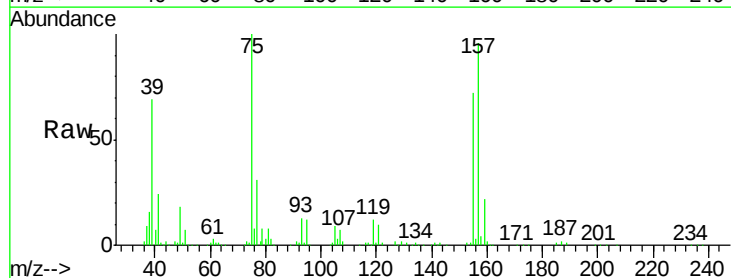
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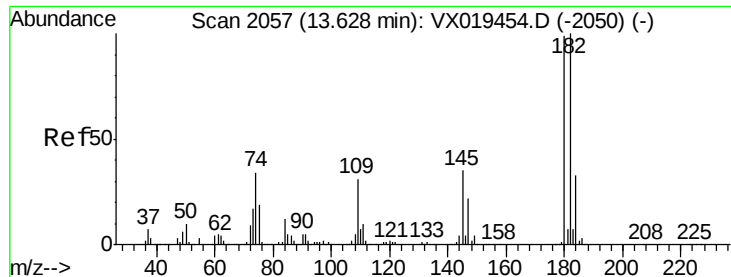
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.163 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54759		
155	73.9	36.4	109.1	
157	96.8	47.9	143.8	





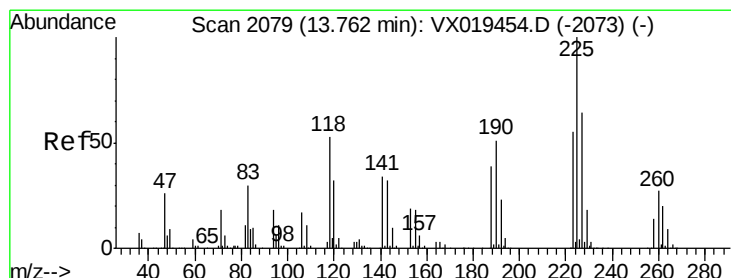
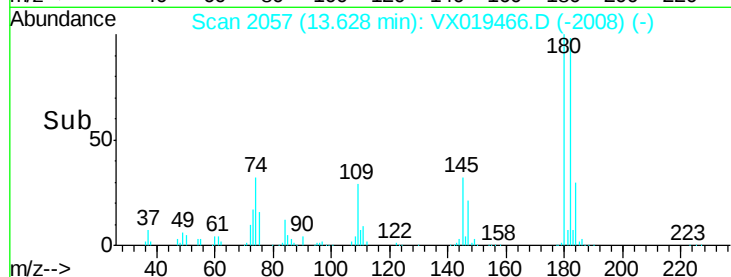
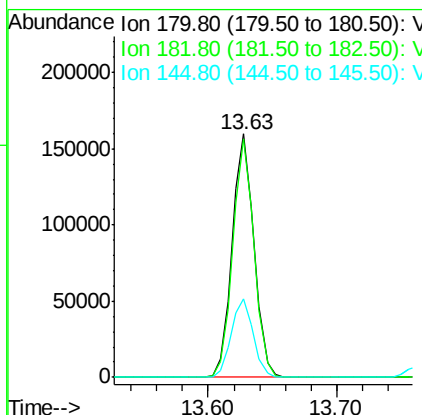
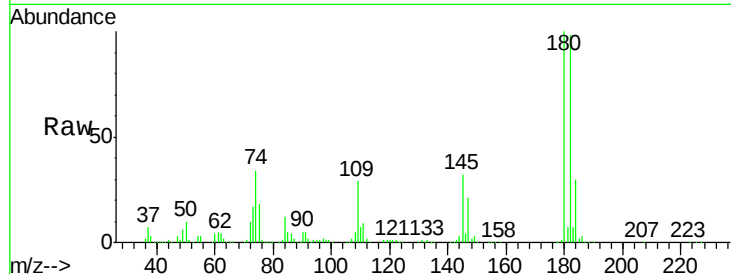
#93
1,2,4-Trichlorobenzene
Concen: 46.513 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189485		
182	95.8	48.1	144.4	
145	32.6	16.9	50.6	

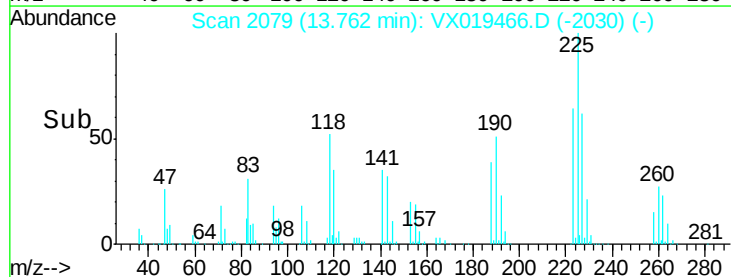
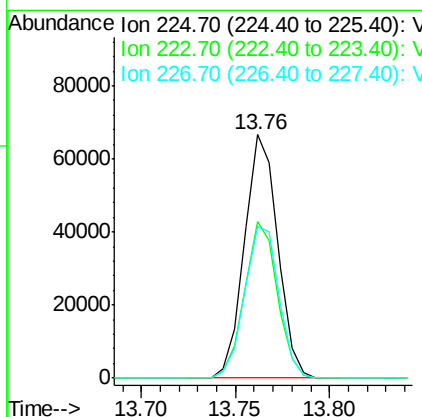
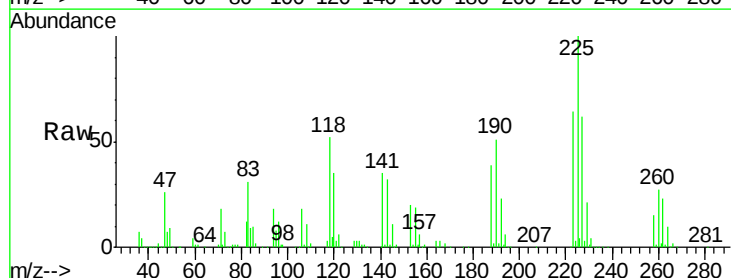
Manual Integrations
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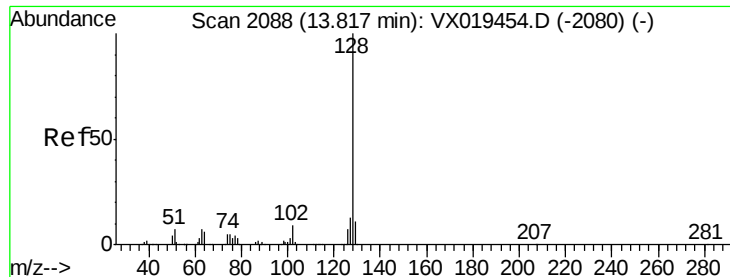
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11/19/2020 11:58:52 AM



#94
Hexachlorobutadiene
Concen: 51.041 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81614		
223	63.4	29.9	89.8	
227	64.3	32.6	98.0	





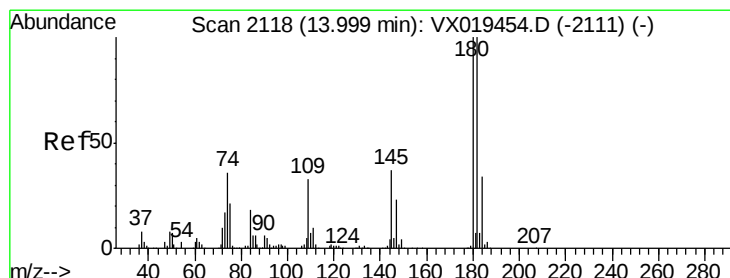
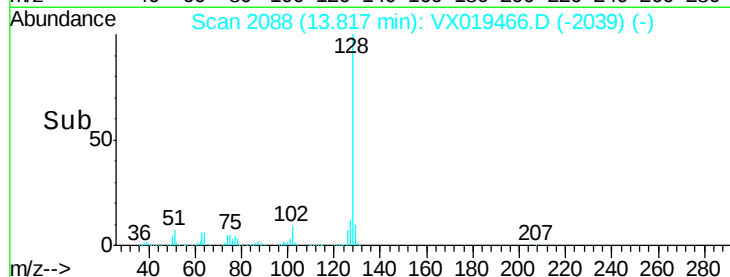
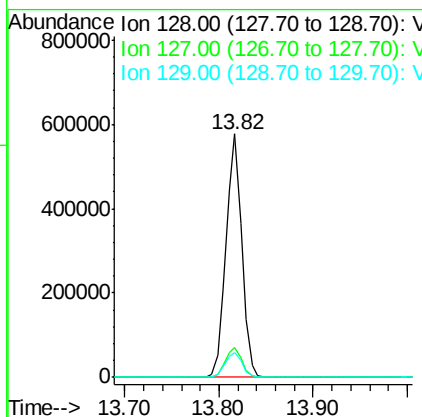
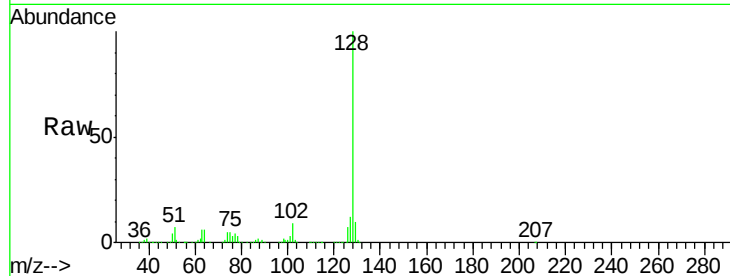
#95
Naphthalene
Concen: 48.153 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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11/19/2020 11:58:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.694 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	49.0	147.0
145	35.8	17.6	52.8

