

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019150.D
 Acq On : 3 Oct 2025 17:13
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 04 01:25:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:21:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.542	168	221362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	413921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	359438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	183755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	148420	51.399	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.800%	
35) Dibromofluoromethane	7.460	113	110286	50.076	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.160%	
50) Toluene-d8	10.221	98	283911	50.297	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.600%	
62) 4-Bromofluorobenzene	12.853	95	138767	46.960	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.860	85	71564	49.148	ug/l	100
3) Chloromethane	2.083	50	137412	46.370	ug/l	100
4) Vinyl Chloride	2.171	62	106352	49.818	ug/l	100
5) Bromomethane	2.506	94	33344	46.336	ug/l	100
6) Chloroethane	2.642	64	59828	49.613	ug/l	100
7) Trichlorofluoromethane	2.947	101	129008	46.589	ug/l	100
8) Diethyl Ether	3.323	74	99200	51.637	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.640	101	78820	43.993	ug/l	100
10) Methyl Iodide	3.823	142	170054	59.309	ug/l	100
11) Tert butyl alcohol	4.639	59	303606	266.997	ug/l	100
12) 1,1-Dichloroethene	3.623	96	102838	48.661	ug/l	100
13) Acrolein	3.505	56	24866	111.151	ug/l	100
14) Allyl chloride	4.175	41	334154	50.954	ug/l	100
15) Acrylonitrile	4.804	53	711373	266.819	ug/l	100
16) Acetone	3.711	43	706092	225.030	ug/l	100
17) Carbon Disulfide	3.917	76	256614	46.286	ug/l	100
18) Methyl Acetate	4.181	43	405325	56.285	ug/l	100
19) Methyl tert-butyl Ether	4.862	73	660206	52.662	ug/l	100
20) Methylene Chloride	4.387	84	179135	54.077	ug/l	100
21) trans-1,2-Dichloroethene	4.851	96	128235	49.429	ug/l	100
22) Diisopropyl ether	5.761	45	703901	52.064	ug/l	100
23) Vinyl Acetate	5.703	43	2889555	267.440	ug/l	100
24) 1,1-Dichloroethane	5.650	63	310092	51.625	ug/l	100
25) 2-Butanone	6.660	43	1036200	254.292	ug/l	100
26) 2,2-Dichloropropane	6.643	77	220536	50.902	ug/l	100
27) cis-1,2-Dichloroethene	6.643	96	182613	52.440	ug/l	100
28) Bromochloromethane	7.036	49	166814	53.306	ug/l	# 100
29) Tetrahydrofuran	7.054	42	691284	269.818	ug/l	100
30) Chloroform	7.224	83	290964	51.851	ug/l	100
31) Cyclohexane	7.524	56	167758	45.210	ug/l	100
32) 1,1,1-Trichloroethane	7.436	97	202248	50.916	ug/l	100
36) 1,1-Dichloropropene	7.671	75	154646	46.134	ug/l	100
37) Ethyl Acetate	6.760	43	406118	51.621	ug/l	100
38) Carbon Tetrachloride	7.648	117	129031	51.578	ug/l	100
39) Methylcyclohexane	9.081	83	131898	44.591	ug/l	100
40) Benzene	7.941	78	612263	50.290	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.007	41	182031	49.850	ug/l	100
42) 1,2-Dichloroethane	8.035	62	253462	50.510	ug/l	100
43) Isopropyl Acetate	8.082	43	579498	52.850	ug/l	100
44) Trichloroethene	8.811	130	117720	47.627	ug/l	100
45) 1,2-Dichloropropane	9.128	63	153106	51.012	ug/l	100
46) Dibromomethane	9.228	93	105791	52.128	ug/l	100
47) Bromodichloromethane	9.445	83	207354	53.669	ug/l	100
48) Methyl methacrylate	9.222	41	272529	53.580	ug/l	100
49) 1,4-Dioxane	9.222	88	96780	1053.372	ug/l	100
51) 4-Methyl-2-Pentanone	10.104	43	1699014	264.777	ug/l	100
52) Toluene	10.292	92	335485	48.861	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	231691	53.355	ug/l	100
54) cis-1,3-Dichloropropene	9.939	75	241676	52.067	ug/l	100
55) 1,1,2-Trichloroethane	10.756	97	140506	50.700	ug/l	100
56) Ethyl methacrylate	10.603	69	279774	54.092	ug/l	100
57) 1,3-Dichloropropane	10.920	76	256199	51.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.774	63	555909	276.567	ug/l	100
59) 2-Hexanone	10.973	43	1266020	258.177	ug/l	100
60) Dibromochloromethane	11.143	129	139890	56.973	ug/l	100
61) 1,2-Dibromoethane	11.261	107	140875	51.499	ug/l	100
64) Tetrachloroethene	10.832	164	90645	45.348	ug/l	100
65) Chlorobenzene	11.749	112	367849	46.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.837	131	125246	54.445	ug/l	100
67) Ethyl Benzene	11.837	91	609401	47.445	ug/l	100
68) m/p-Xylenes	11.960	106	469985	94.118	ug/l	100
69) o-Xylene	12.336	106	246142	48.086	ug/l	100
70) Styrene	12.354	104	435715	49.357	ug/l	100
71) Bromoform	12.542	173	97896	48.591	ug/l #	100
73) Isopropylbenzene	12.677	105	542802	46.180	ug/l	100
74) N-amyl acetate	12.465	43	396599	52.655	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.965	83	219804	48.542	ug/l	100
76) 1,2,3-Trichloropropane	13.024	75	305599	75.130	ug/l #	100
77) Bromobenzene	12.994	156	157449	46.841	ug/l	100
78) n-propylbenzene	13.065	91	623255	45.849	ug/l	100
79) 2-Chlorotoluene	13.165	91	415925	46.000	ug/l	100
80) 1,3,5-Trimethylbenzene	13.223	105	472241	46.607	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	81208	56.058	ug/l	100
82) 4-Chlorotoluene	13.276	91	433241	45.554	ug/l	100
83) tert-Butylbenzene	13.523	119	386911	45.918	ug/l	100
84) 1,2,4-Trimethylbenzene	13.576	105	496654	46.686	ug/l	100
85) sec-Butylbenzene	13.729	105	517614	45.795	ug/l	100
86) p-Isopropyltoluene	13.858	119	476008	46.485	ug/l	100
87) 1,3-Dichlorobenzene	13.858	146	285863	45.699	ug/l	100
88) 1,4-Dichlorobenzene	13.952	146	289827	44.602	ug/l	100
89) n-Butylbenzene	14.228	91	389209	45.842	ug/l	100
90) Hexachloroethane	14.540	117	61445	44.766	ug/l	100
91) 1,2-Dichlorobenzene	14.281	146	278700	47.021	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.980	75	50231	53.233	ug/l	100
93) 1,2,4-Trichlorobenzene	15.773	180	177563	46.147	ug/l	100
94) Hexachlorobutadiene	15.891	225	51243	46.101	ug/l	100
95) Naphthalene	16.061	128	659740	47.786	ug/l	100
96) 1,2,3-Trichlorobenzene	16.290	180	180479	46.790	ug/l	100

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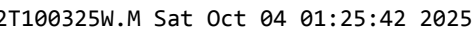
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

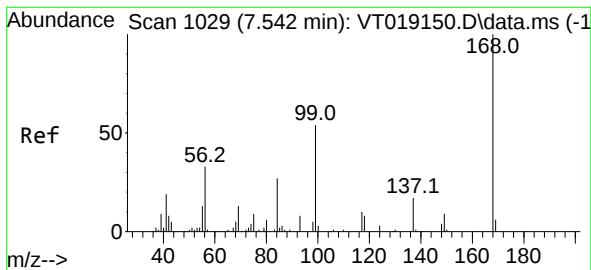
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Quant Title : SW846 8260
QLast Update : Sat Oct 04 01:21:12 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VT019150.D

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Instrument :

MSVOA_T

ClientSampleId :

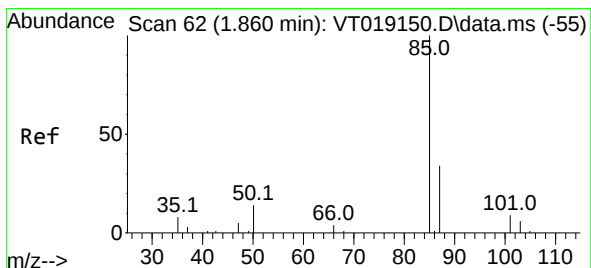
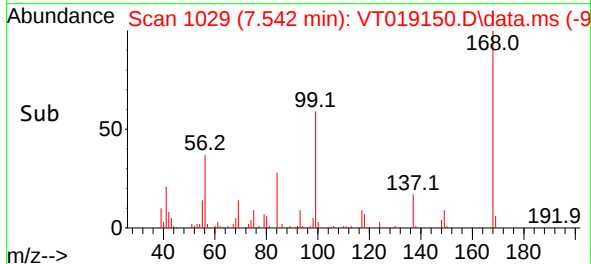
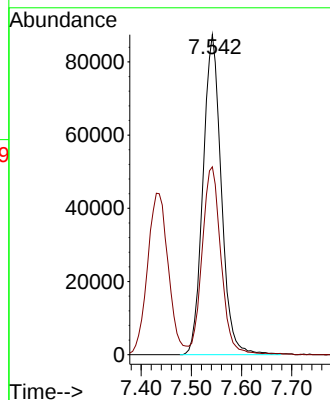
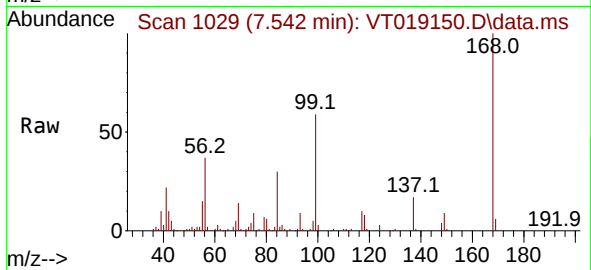
VSTDICCC050

Tgt Ion:168 Resp: 221362

Ion Ratio Lower Upper

168 100

99 58.3 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 49.148 ug/l

RT: 1.860 min Scan# 62

Delta R.T. 0.000 min

Lab File: VT019150.D

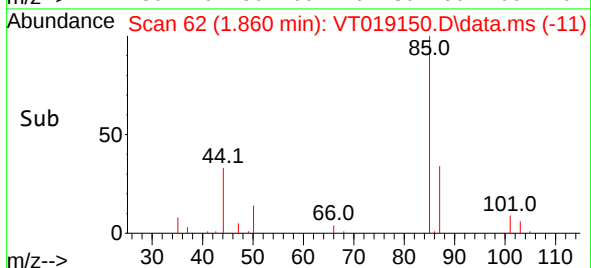
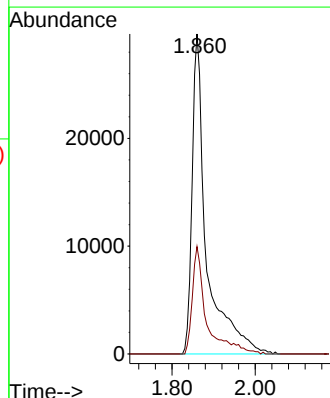
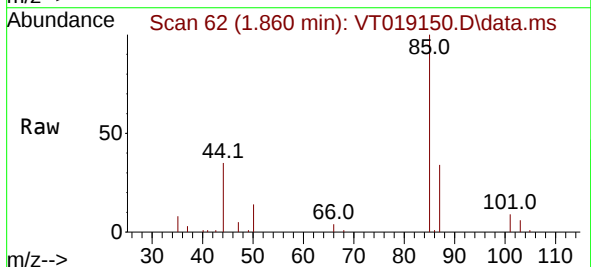
Acq: 3 Oct 2025 17:13

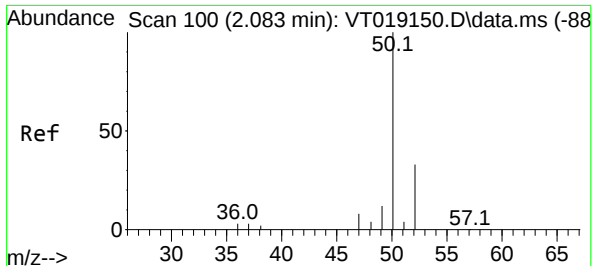
Tgt Ion: 85 Resp: 71564

Ion Ratio Lower Upper

85 100

87 33.6 16.8 50.4

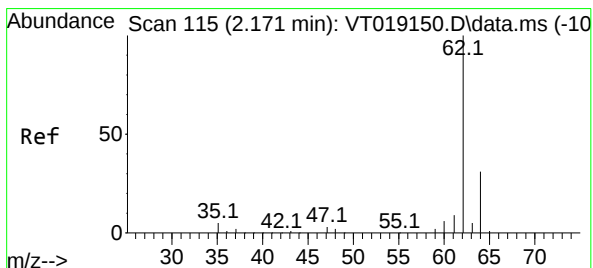
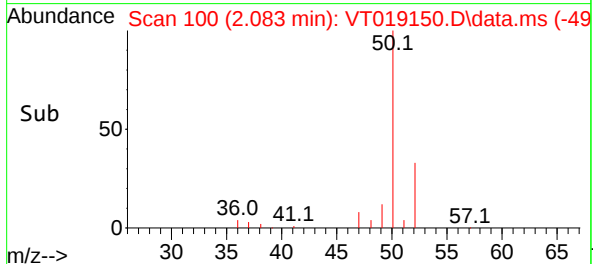
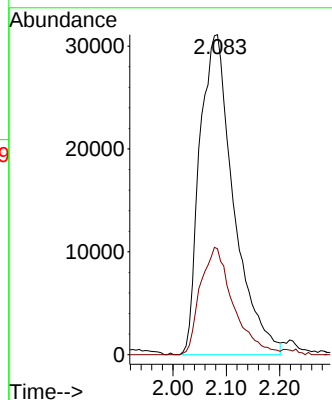
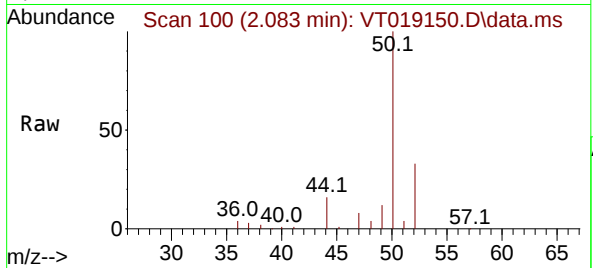




#3
Chloromethane
Concen: 46.370 ug/l
RT: 2.083 min Scan# 100
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

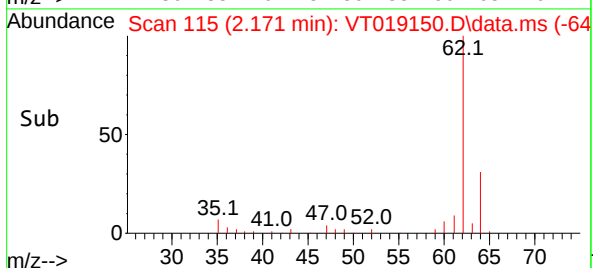
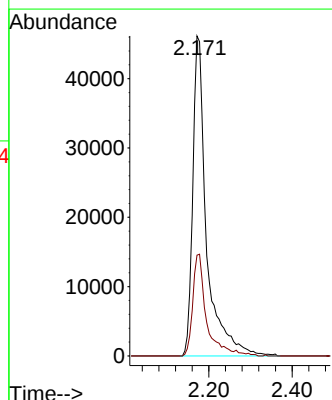
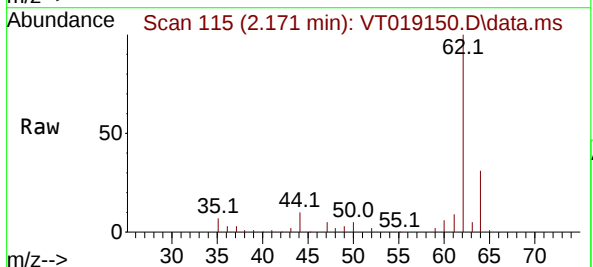
Instrument :
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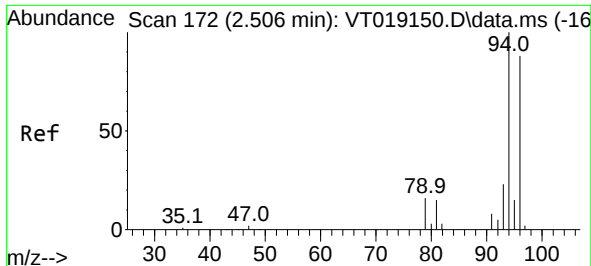
Tgt Ion: 50 Resp: 137412
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 49.818 ug/l
RT: 2.171 min Scan# 115
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 62 Resp: 106352
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

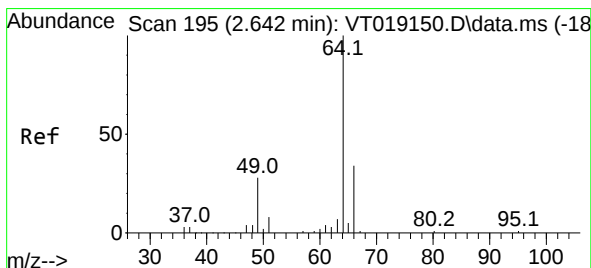
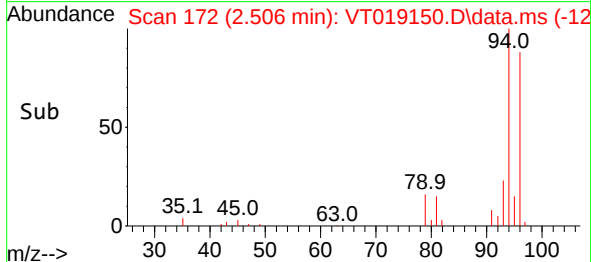
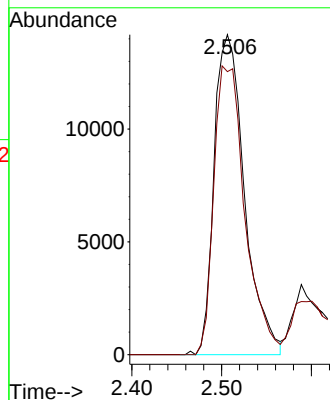
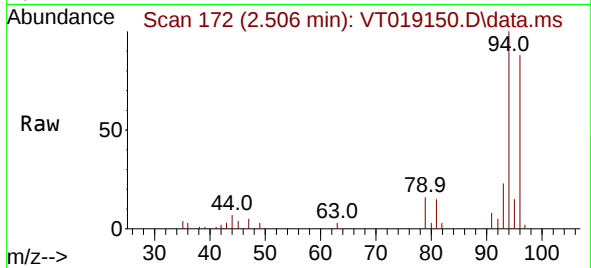




#5
Bromomethane
Concen: 46.336 ug/l
RT: 2.506 min Scan# 172
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

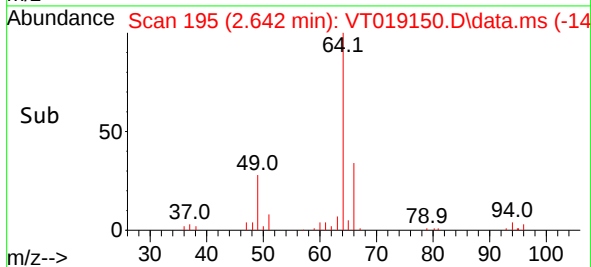
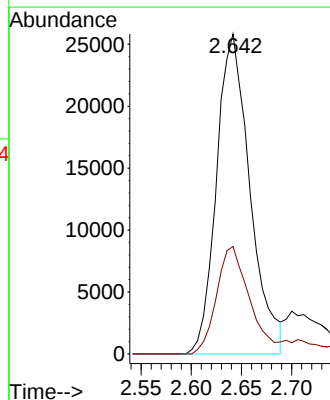
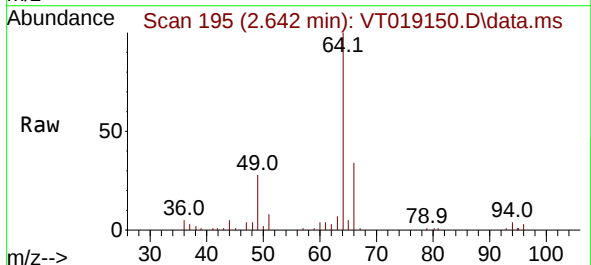
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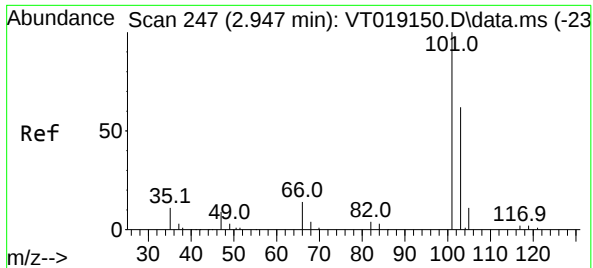
Tgt Ion: 94 Resp: 33344
Ion Ratio Lower Upper
94 100
96 88.5 70.8 106.2



#6
Chloroethane
Concen: 49.613 ug/l
RT: 2.642 min Scan# 195
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 64 Resp: 59828
Ion Ratio Lower Upper
64 100
66 33.6 26.9 40.3

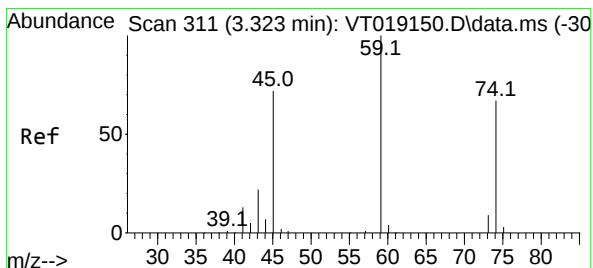
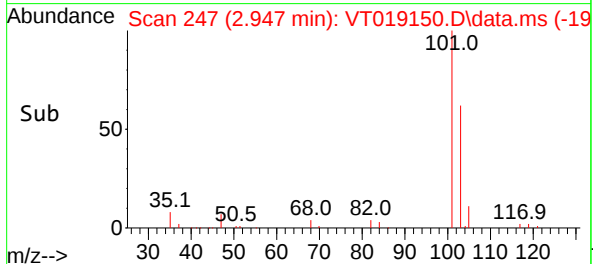
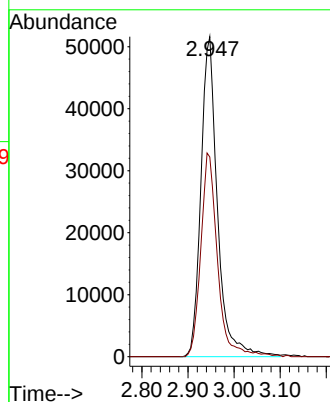
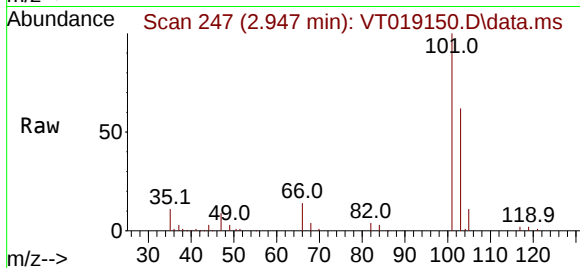




#7
 Trichlorofluoromethane
 Concen: 46.589 ug/l
 RT: 2.947 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

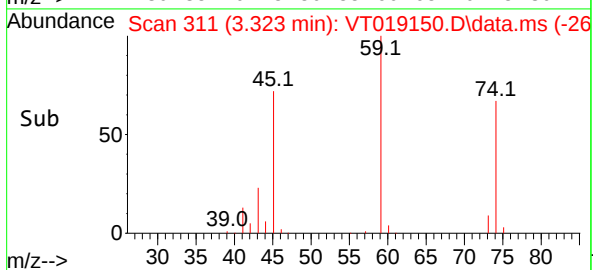
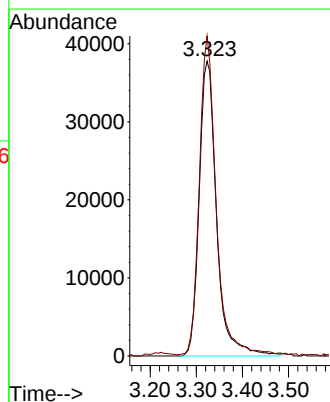
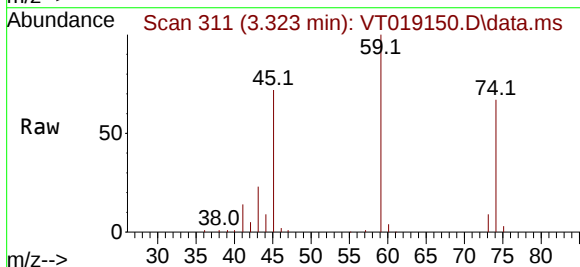
Instrument :
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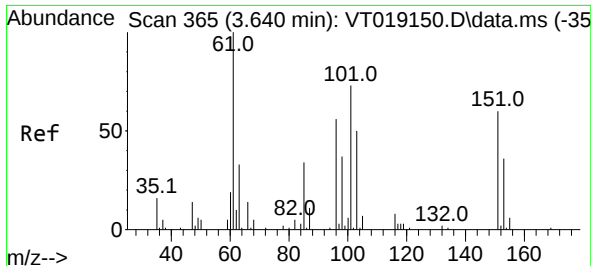
Tgt Ion:101 Resp: 129008
 Ion Ratio Lower Upper
 101 100
 103 62.4 49.9 74.9



#8
 Diethyl Ether
 Concen: 51.637 ug/l
 RT: 3.323 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VT019150.D
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Tgt Ion: 74 Resp: 99200
 Ion Ratio Lower Upper
 74 100
 45 104.5 52.3 156.8

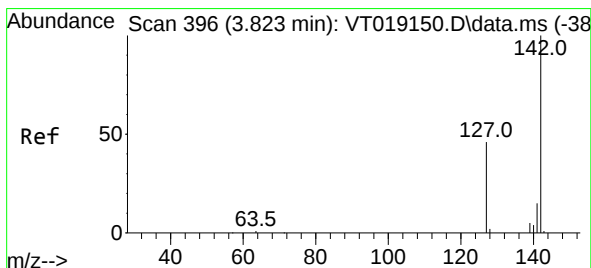
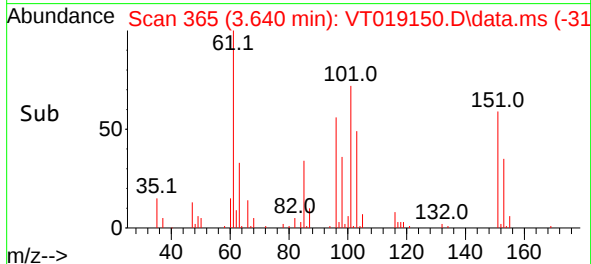
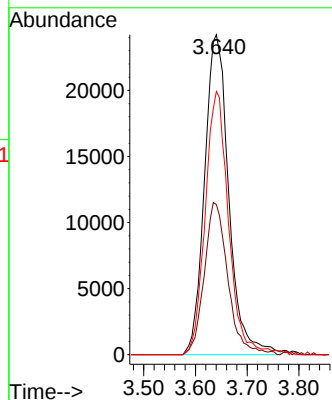
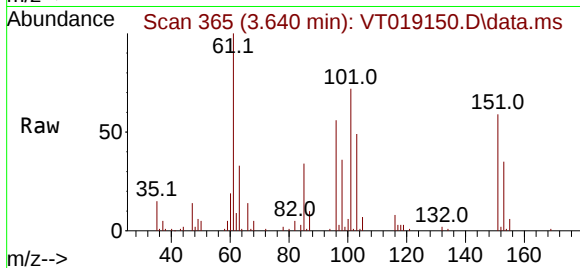




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.993 ug/l
RT: 3.640 min Scan# 30
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

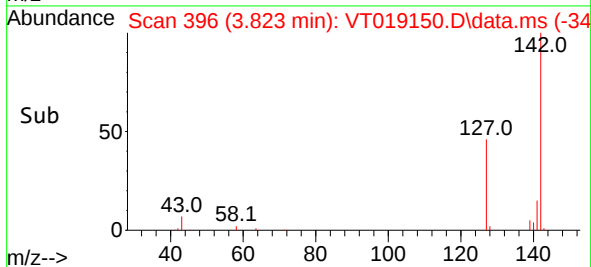
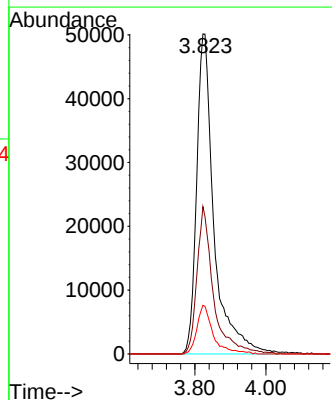
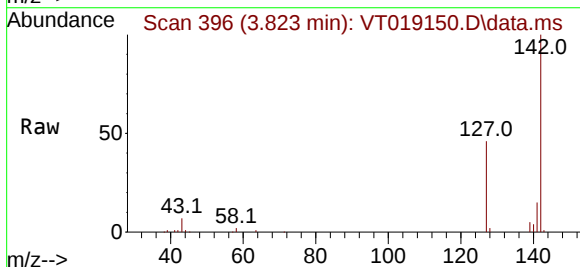
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

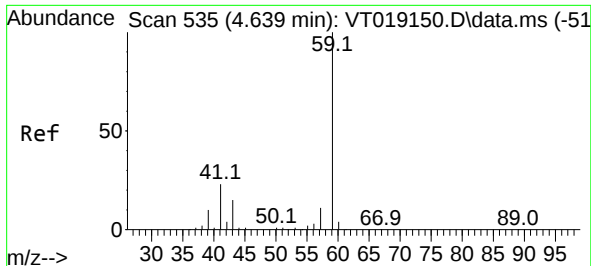
Tgt Ion:101 Resp: 78820
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 79.7 63.8 95.6



#10
Methyl Iodide
Concen: 59.309 ug/l
RT: 3.823 min Scan# 396
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:142 Resp: 170054
Ion Ratio Lower Upper
142 100
127 43.7 35.0 52.4
141 14.3 11.4 17.2

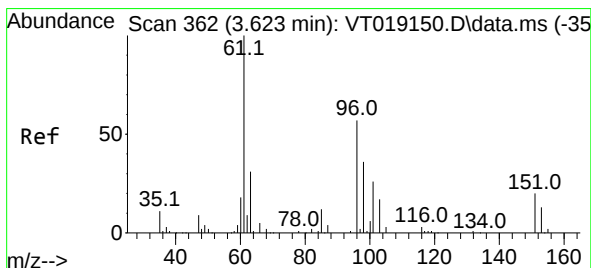
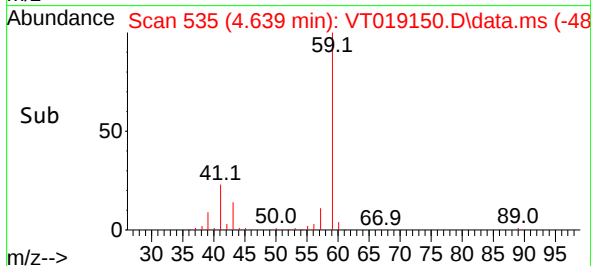
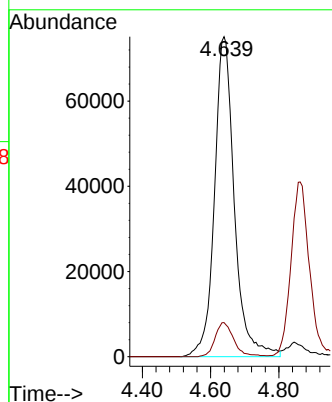
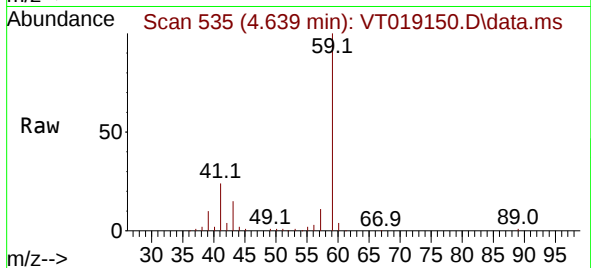




#11
Tert butyl alcohol
Concen: 266.997 ug/l
RT: 4.639 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

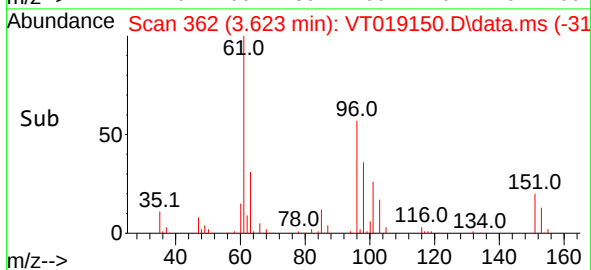
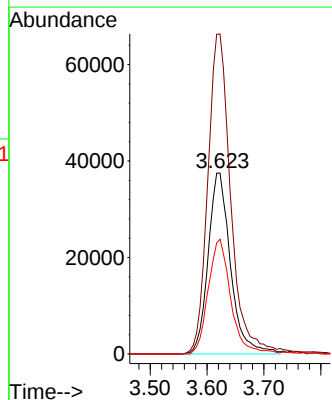
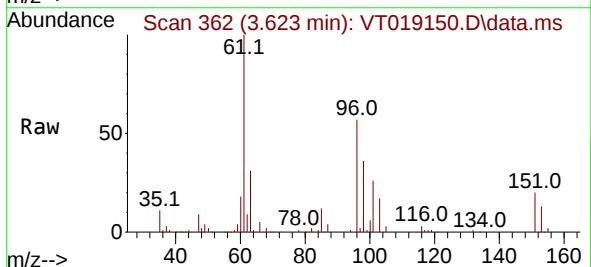
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

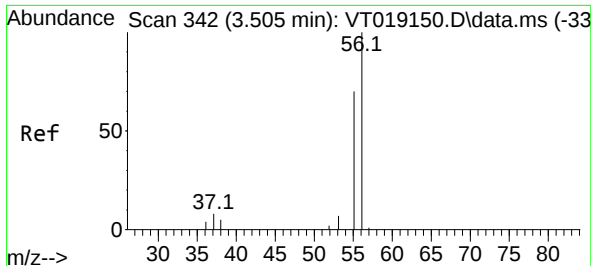
Tgt Ion: 59 Resp: 303606
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.661 ug/l
RT: 3.623 min Scan# 362
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 96 Resp: 102838
Ion Ratio Lower Upper
96 100
61 176.8 141.4 212.2
98 63.4 50.7 76.1

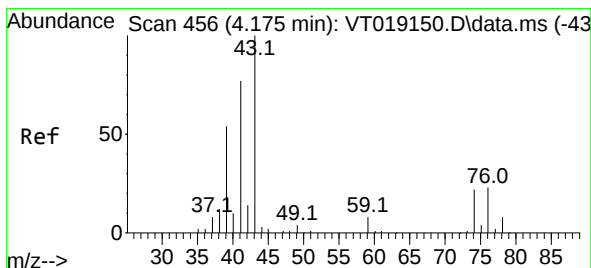
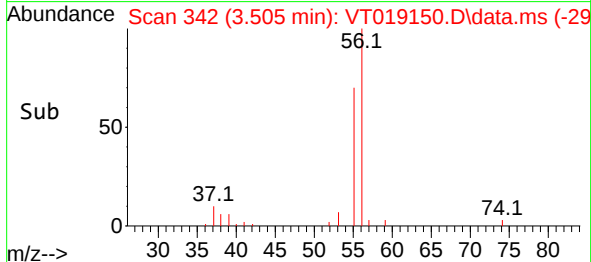
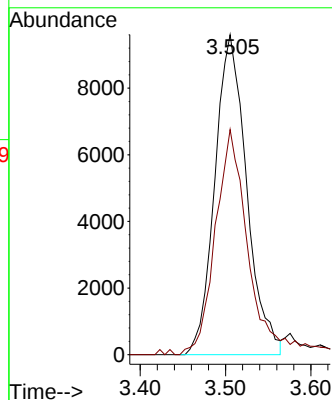
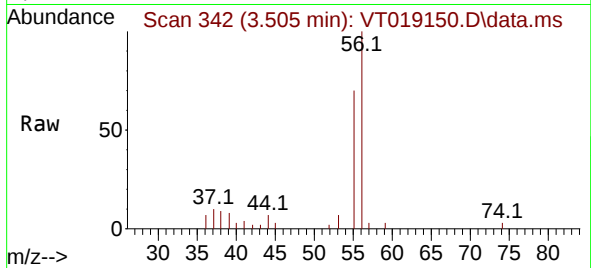




#13
Acrolein
Concen: 111.151 ug/l
RT: 3.505 min Scan# 342
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

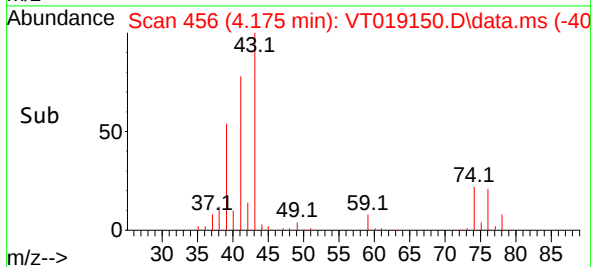
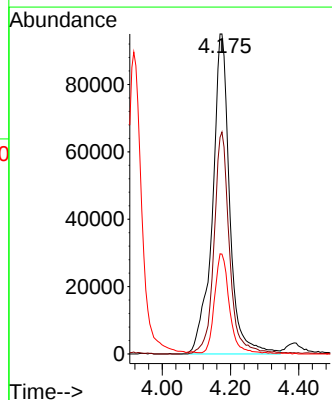
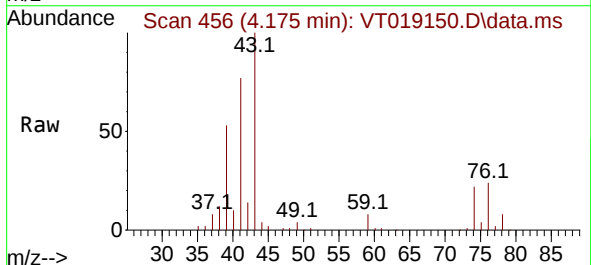
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

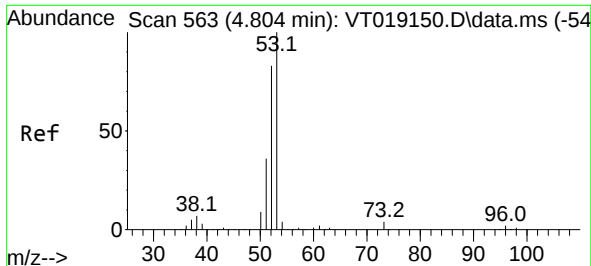
Tgt Ion: 56 Resp: 24866
Ion Ratio Lower Upper
56 100
55 74.2 59.4 89.0



#14
Allyl chloride
Concen: 50.954 ug/l
RT: 4.175 min Scan# 456
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 41 Resp: 334154
Ion Ratio Lower Upper
41 100
39 62.4 49.9 74.9
76 26.0 20.8 31.2

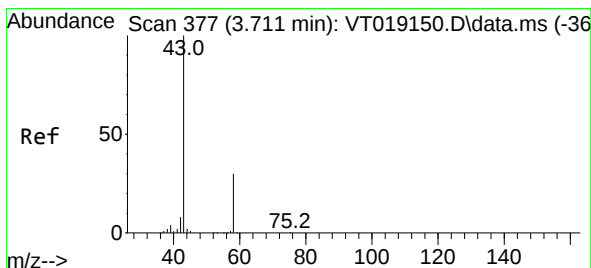
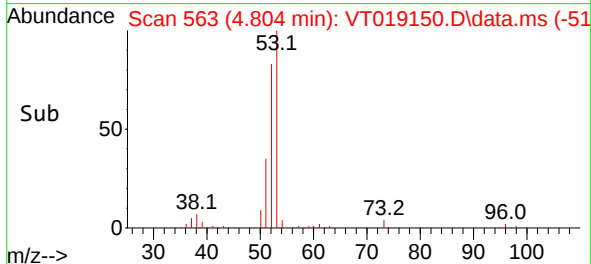
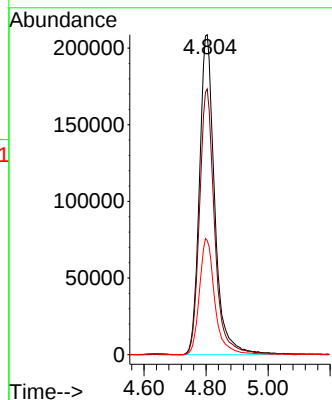
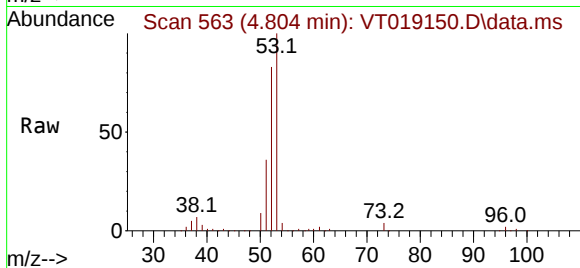




#15
Acrylonitrile
Concen: 266.819 ug/l
RT: 4.804 min Scan# 563
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

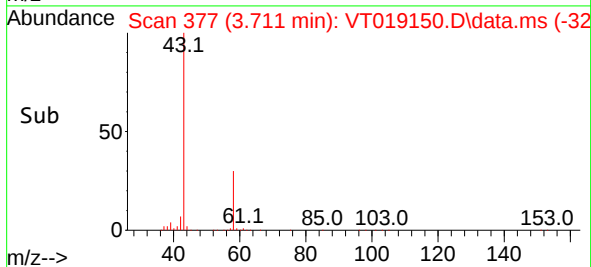
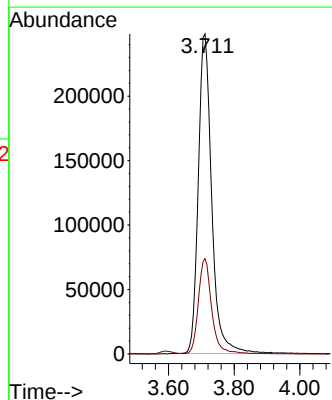
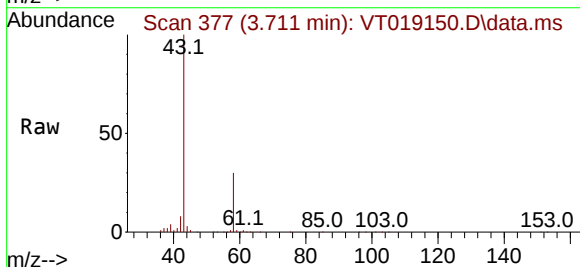
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

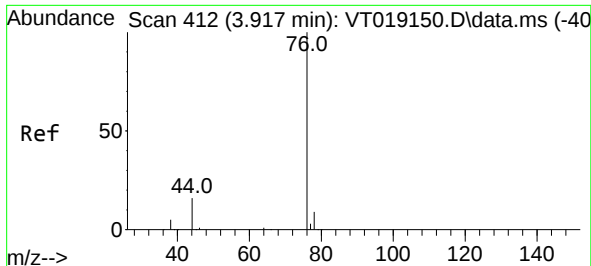
Tgt Ion: 53 Resp: 711373
Ion Ratio Lower Upper
53 100
52 82.4 65.9 98.9
51 36.8 29.4 44.2



#16
Acetone
Concen: 225.030 ug/l
RT: 3.711 min Scan# 377
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 43 Resp: 706092
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8

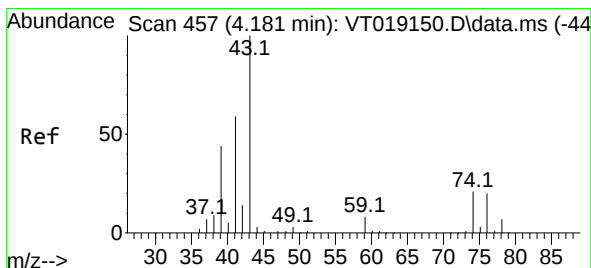
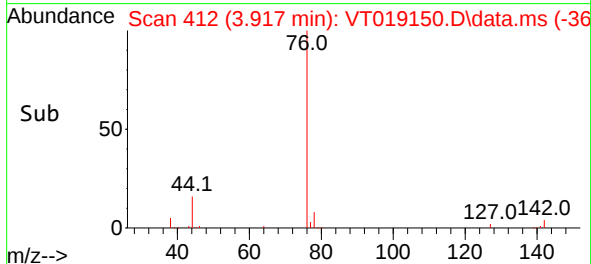
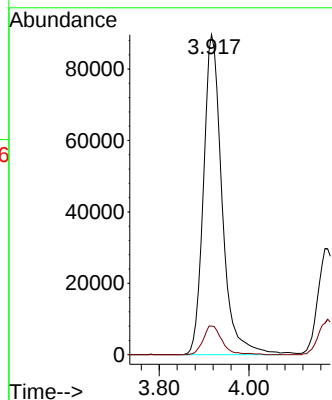
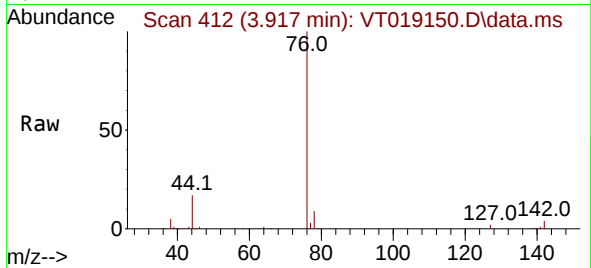




#17
Carbon Disulfide
Concen: 46.286 ug/l
RT: 3.917 min Scan# 412
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

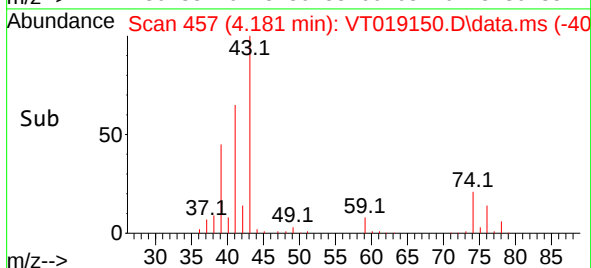
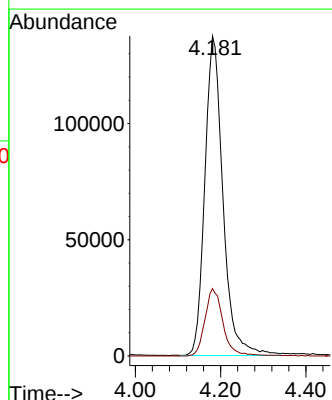
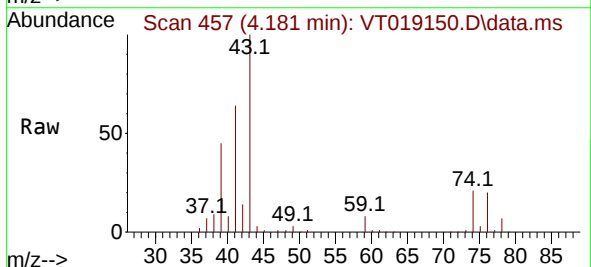
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

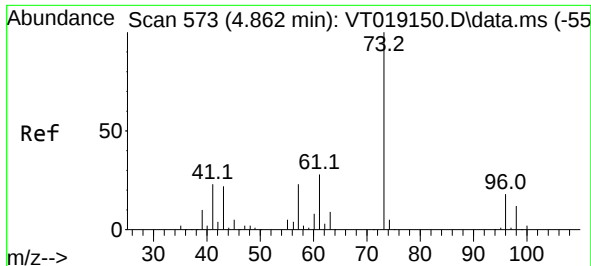
Tgt Ion: 76 Resp: 256614
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 56.285 ug/l
RT: 4.181 min Scan# 457
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 43 Resp: 405325
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 52.662 ug/l

RT: 4.862 min Scan# 5

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

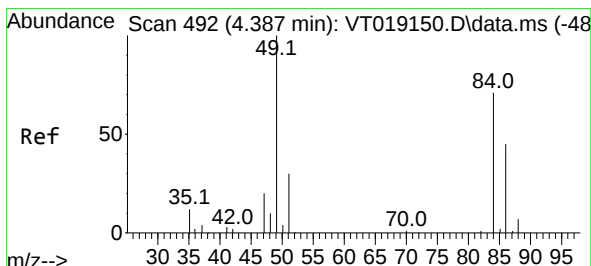
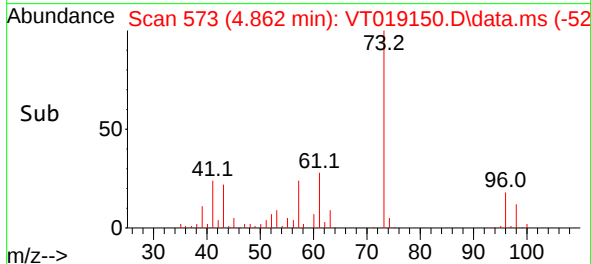
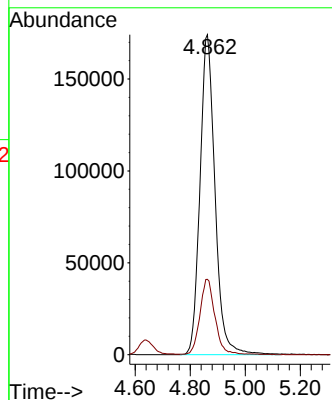
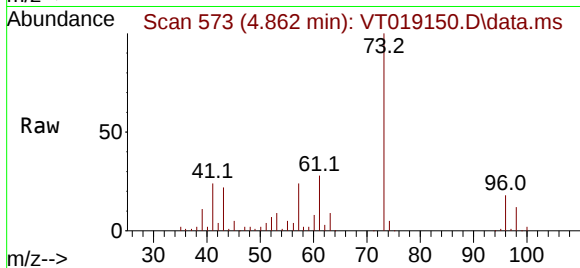
VSTDICCC050

Tgt Ion: 73 Resp: 660206

Ion Ratio Lower Upper

73 100

57 23.5 18.8 28.2



#20

Methylene Chloride

Concen: 54.077 ug/l

RT: 4.387 min Scan# 492

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Tgt Ion: 84 Resp: 179135

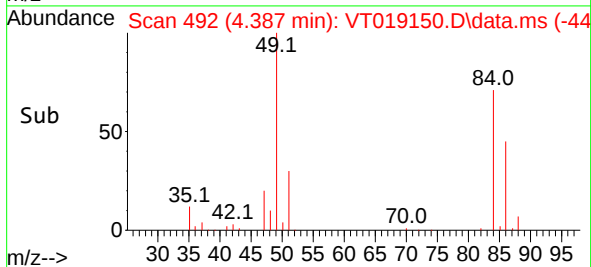
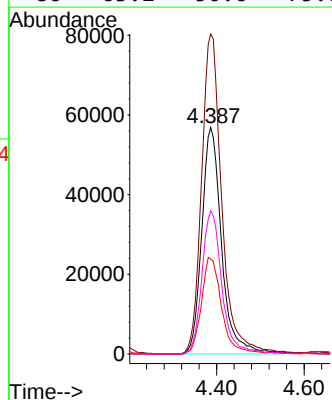
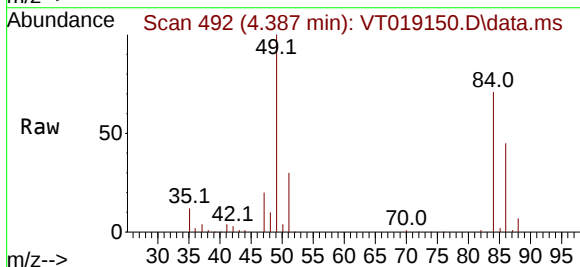
Ion Ratio Lower Upper

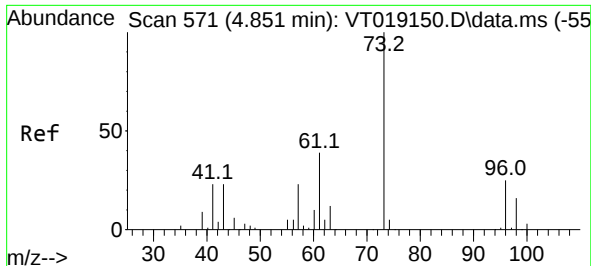
84 100

49 141.4 113.1 169.7

51 42.0 33.6 50.4

86 63.2 50.6 75.8

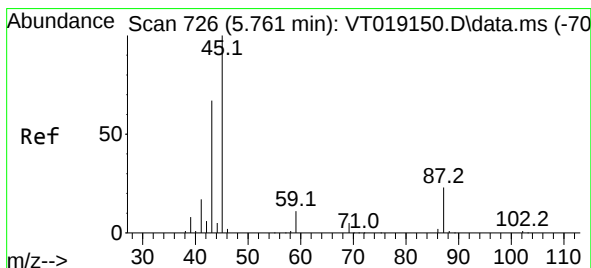
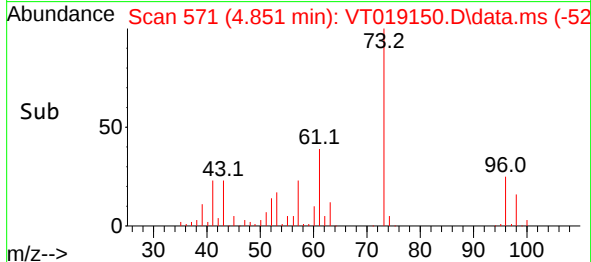
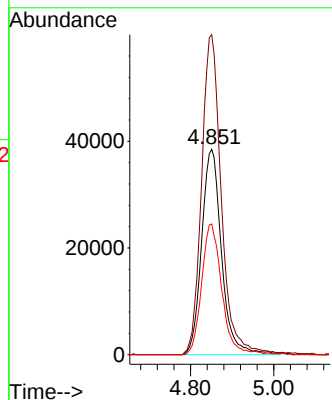
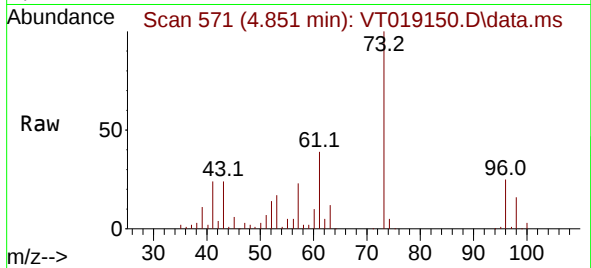




#21
trans-1,2-Dichloroethene
Concen: 49.429 ug/l
RT: 4.851 min Scan# 571
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

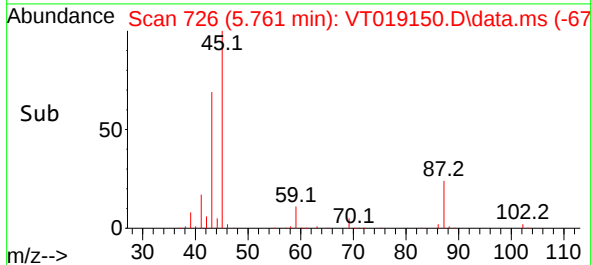
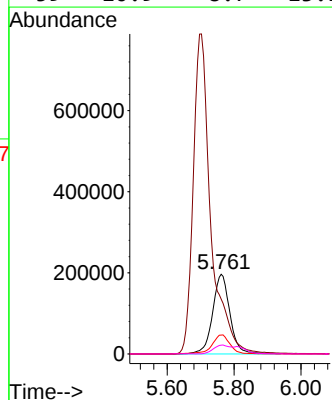
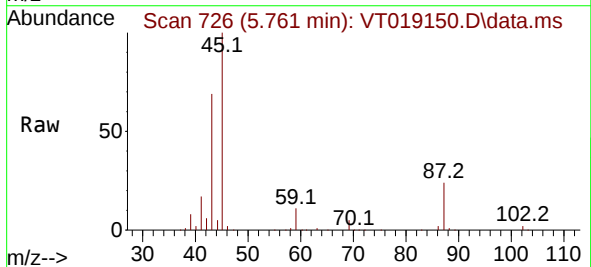
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

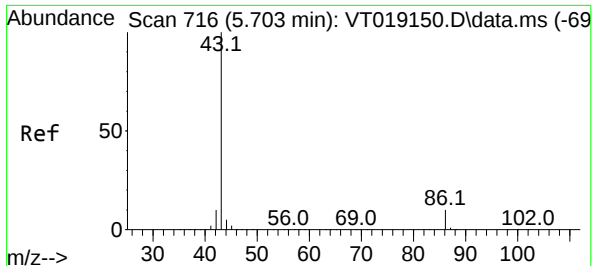
Tgt Ion: 96 Resp: 128235
Ion Ratio Lower Upper
96 100
61 155.8 124.6 187.0
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 52.064 ug/l
RT: 5.761 min Scan# 726
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 45 Resp: 703901
Ion Ratio Lower Upper
45 100
43 67.8 54.2 81.4
87 23.6 18.9 28.3
59 10.9 8.7 13.1

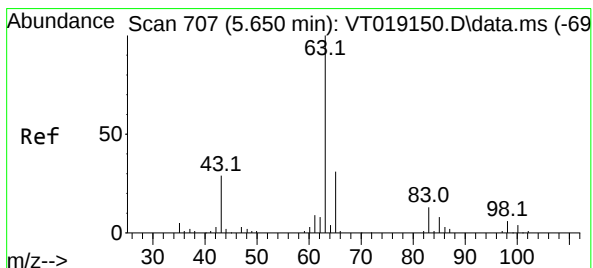
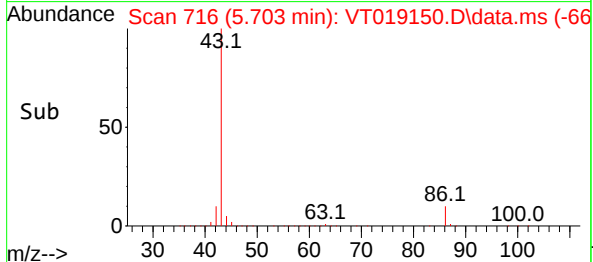
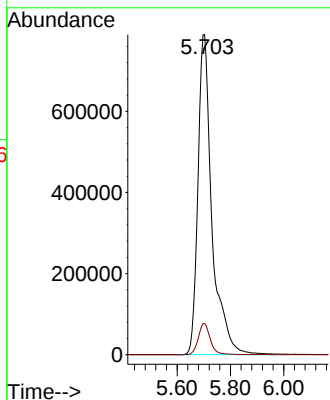
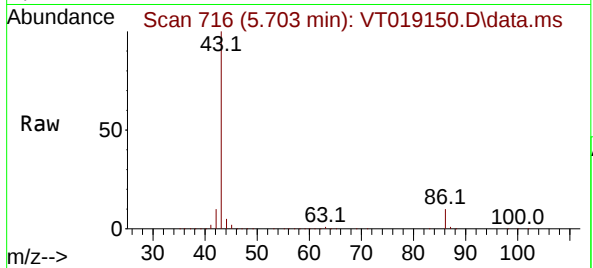




#23
 Vinyl Acetate
 Concen: 267.440 ug/l
 RT: 5.703 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

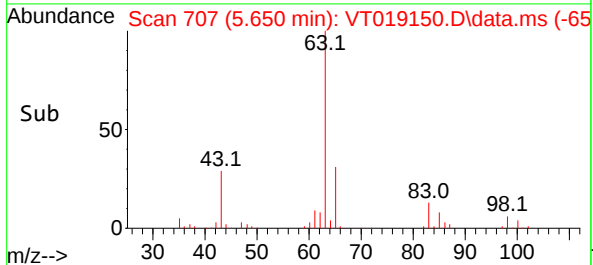
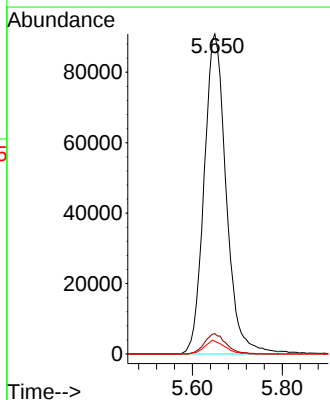
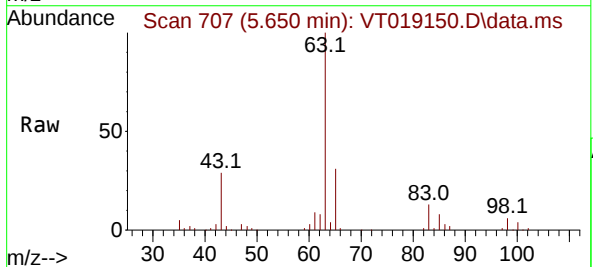
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

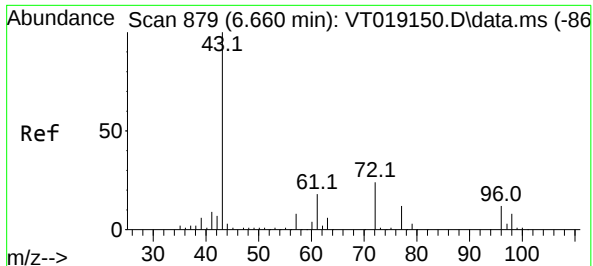
Tgt Ion: 43 Resp: 2889555
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 51.625 ug/l
 RT: 5.650 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

Tgt Ion: 63 Resp: 310092
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 254.292 ug/l

RT: 6.660 min Scan# 879

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

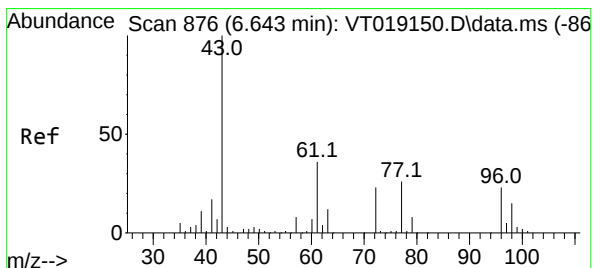
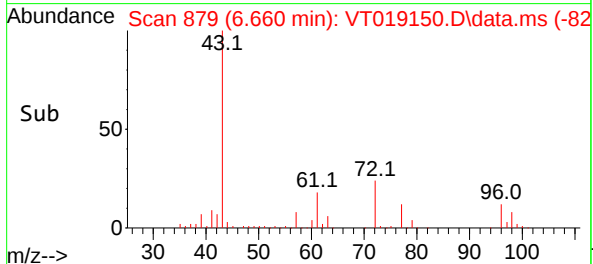
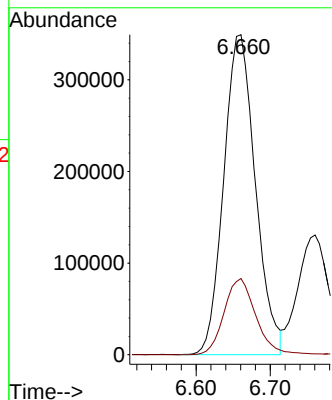
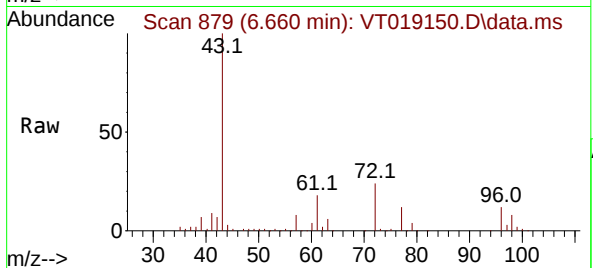
VSTDICCC050

Tgt Ion: 43 Resp: 1036200

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 50.902 ug/l

RT: 6.643 min Scan# 876

Delta R.T. 0.000 min

Lab File: VT019150.D

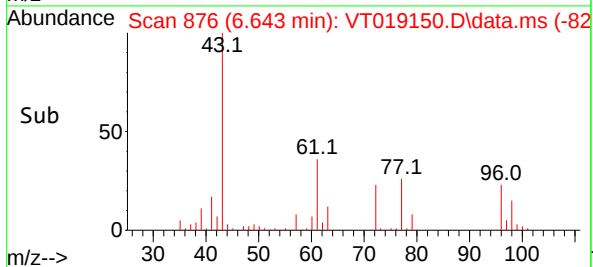
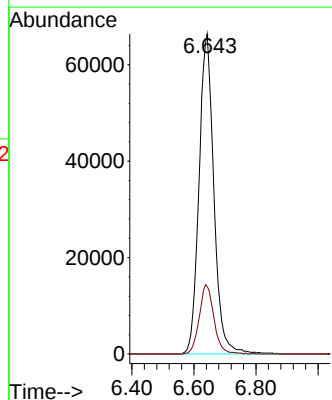
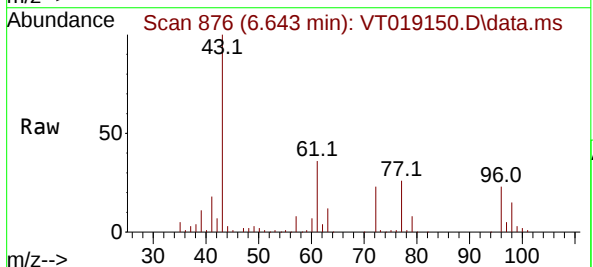
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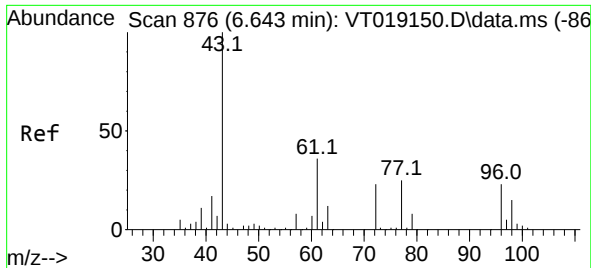
Tgt Ion: 77 Resp: 220536

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1

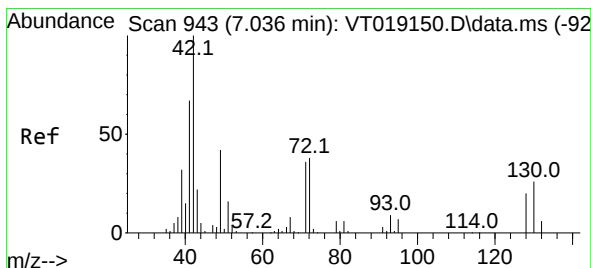
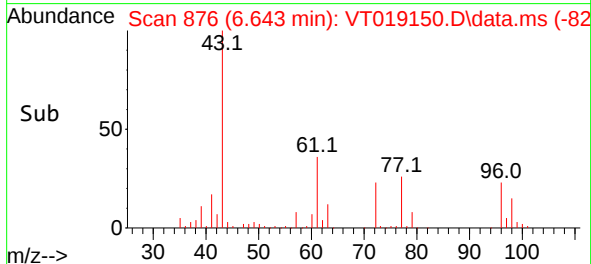
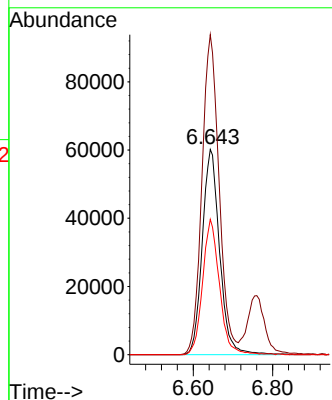
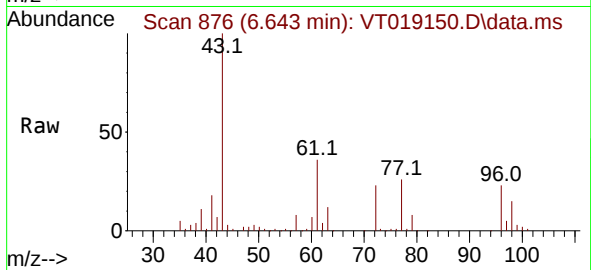




#27
cis-1,2-Dichloroethene
Concen: 52.440 ug/l
RT: 6.643 min Scan# 876
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

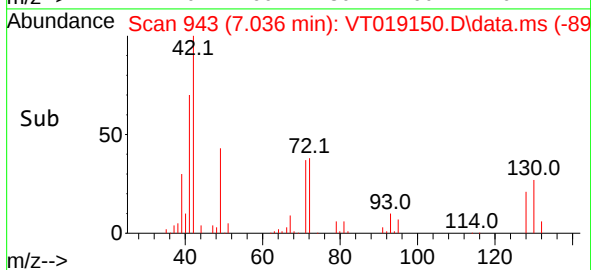
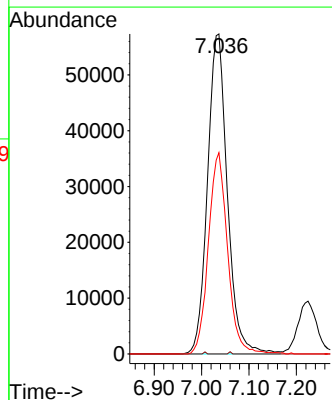
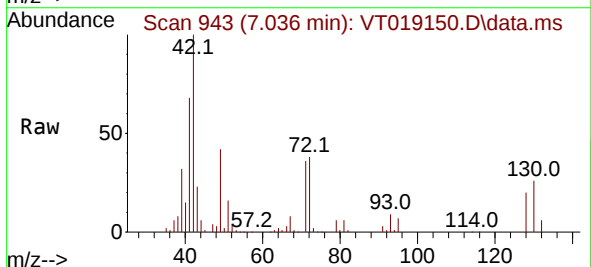
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

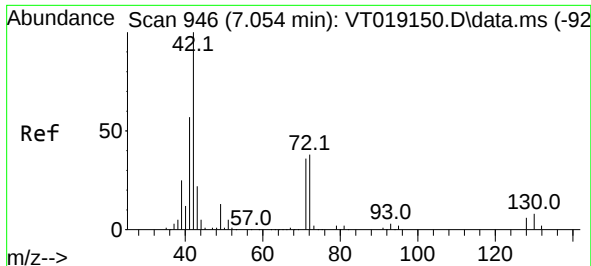
Tgt Ion: 96 Resp: 182613
Ion Ratio Lower Upper
96 100
61 154.5 0.0 309.0
98 64.2 0.0 128.4



#28
Bromochloromethane
Concen: 53.306 ug/l
RT: 7.036 min Scan# 943
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 49 Resp: 166814
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 60.8 48.6 73.0





#29

Tetrahydrofuran

Concen: 269.818 ug/l

RT: 7.054 min Scan# 946

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

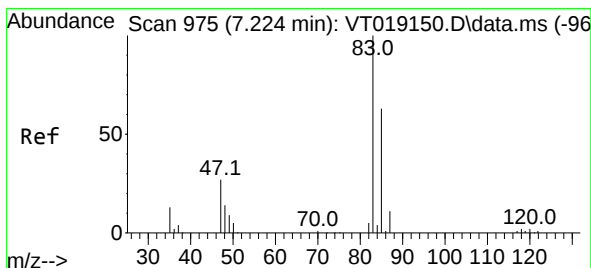
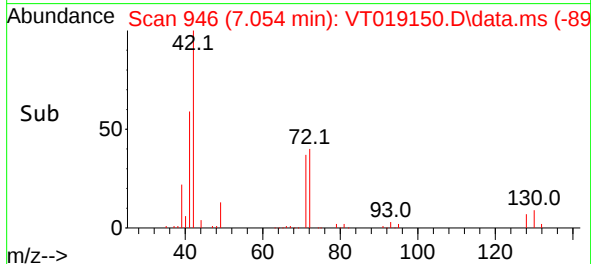
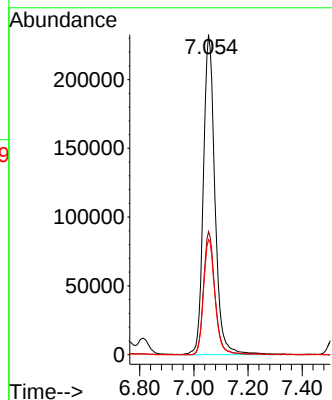
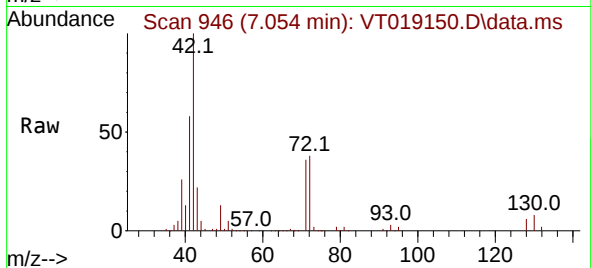
Tgt Ion: 42 Resp: 691284

Ion Ratio Lower Upper

42 100

72 37.6 30.1 45.1

71 35.5 28.4 42.6



#30

Chloroform

Concen: 51.851 ug/l

RT: 7.224 min Scan# 975

Delta R.T. 0.000 min

Lab File: VT019150.D

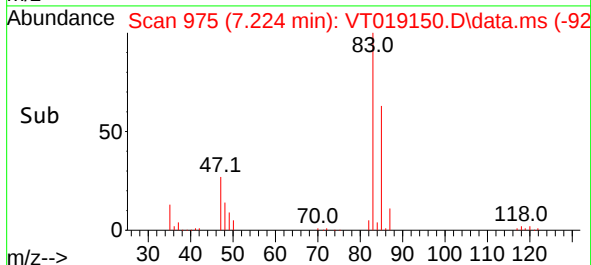
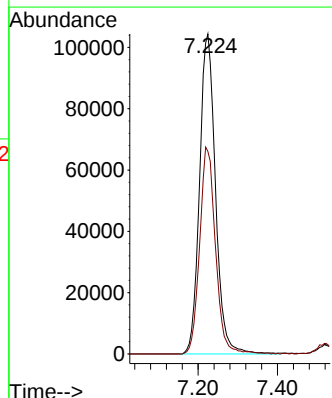
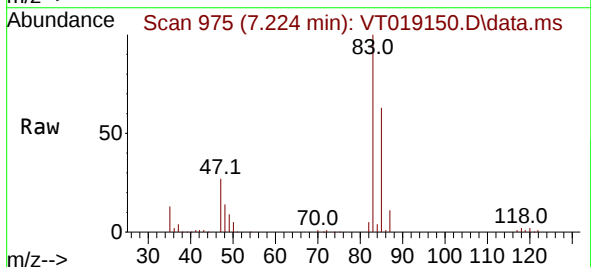
Acq: 3 Oct 2025 17:13

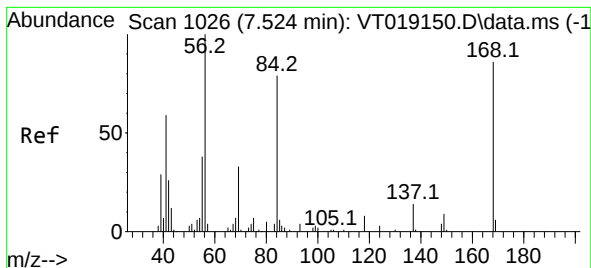
Tgt Ion: 83 Resp: 290964

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0





#31

Cyclohexane

Concen: 45.210 ug/l

RT: 7.524 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

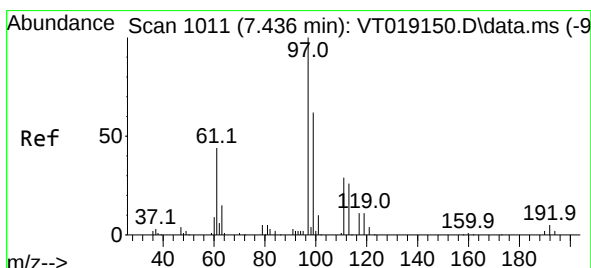
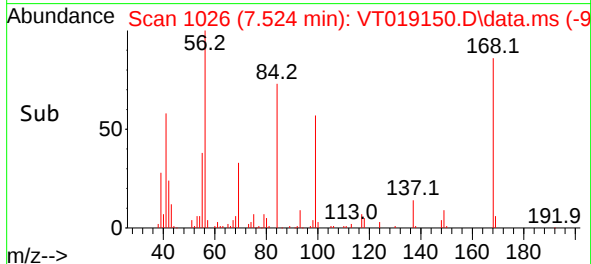
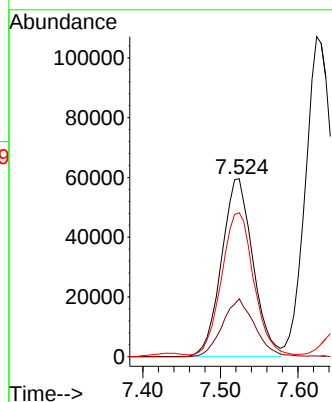
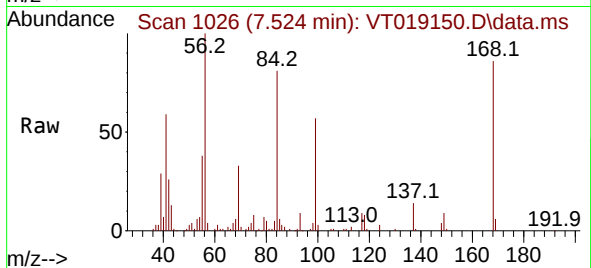
Tgt Ion: 56 Resp: 167758

Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 79.5 63.6 95.4



#32

1,1,1-Trichloroethane

Concen: 50.916 ug/l

RT: 7.436 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

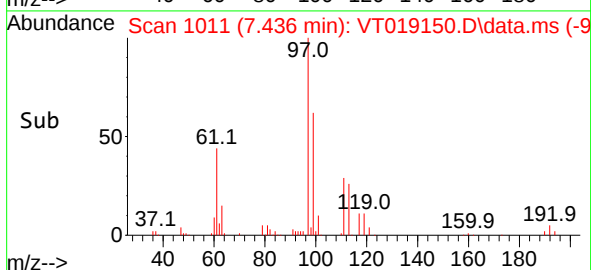
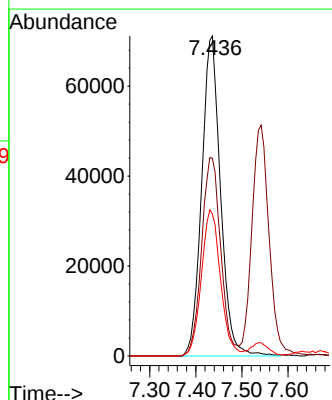
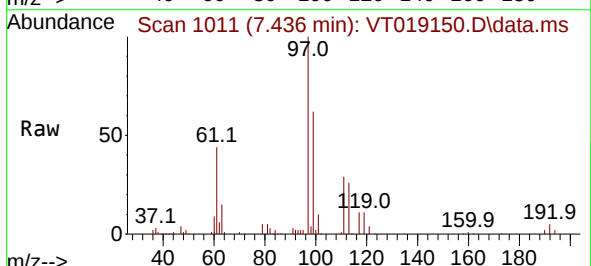
Tgt Ion: 97 Resp: 202248

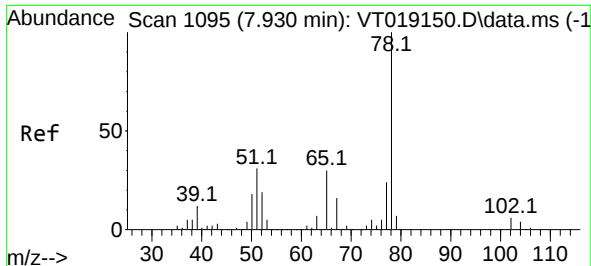
Ion Ratio Lower Upper

97 100

99 63.1 50.5 75.7

61 46.4 37.1 55.7

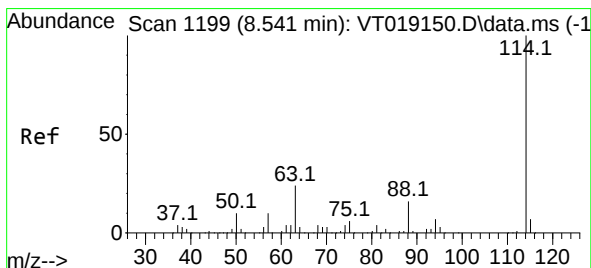
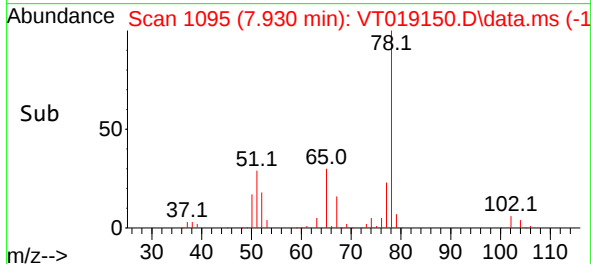
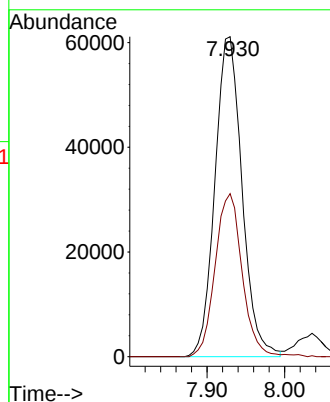
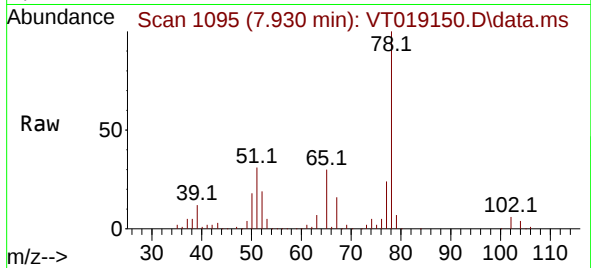




#33
 1,2-Dichloroethane-d4
 Concen: 51.399 ug/l
 RT: 7.930 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

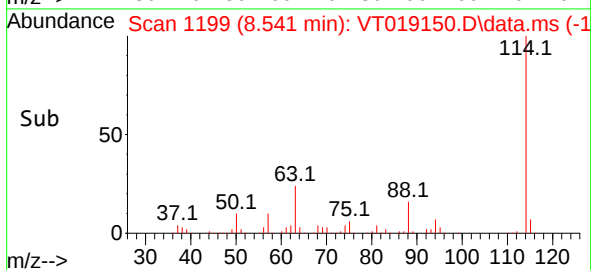
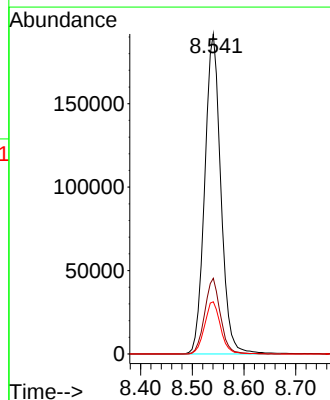
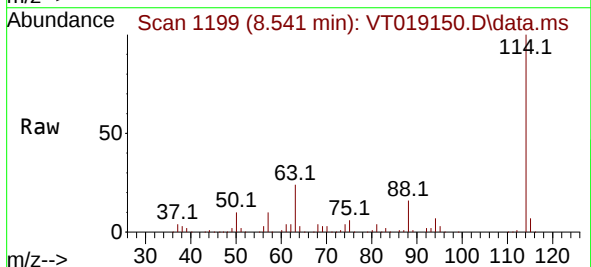
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

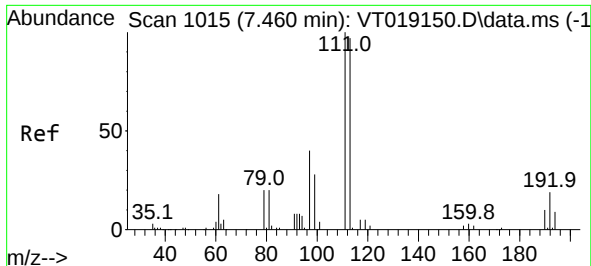
Tgt Ion: 65 Resp: 148420
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.541 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

Tgt Ion: 114 Resp: 413921
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.3 0.0 32.6

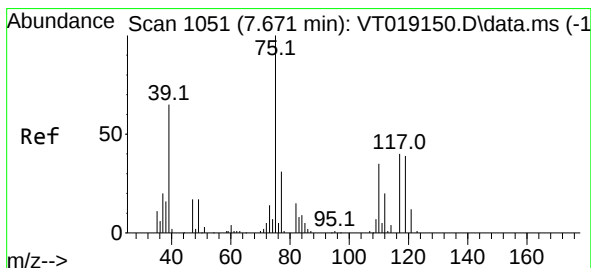
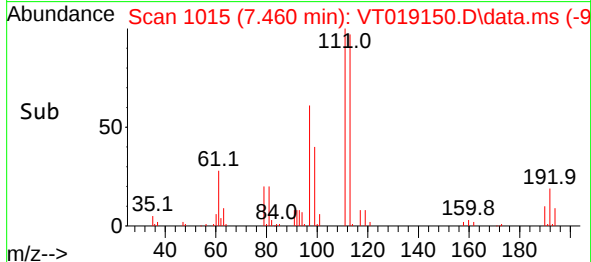
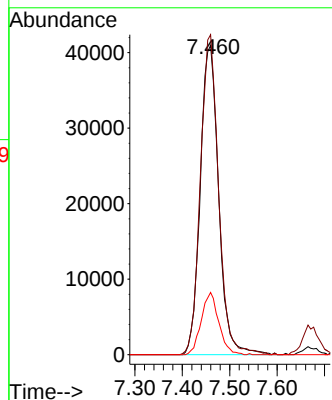
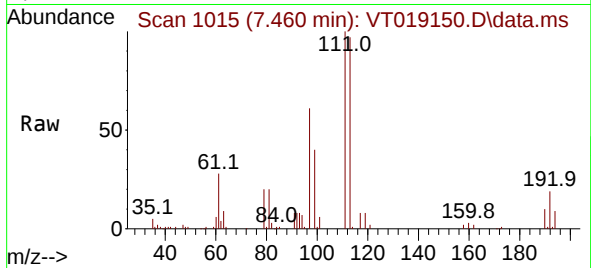




#35
 Dibromofluoromethane
 Concen: 50.076 ug/l
 RT: 7.460 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

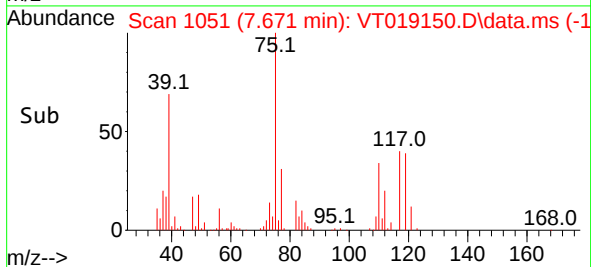
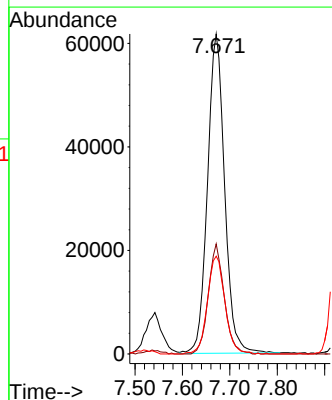
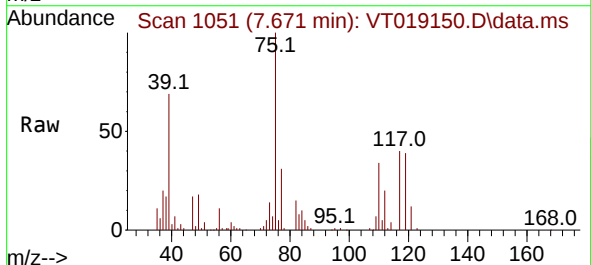
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

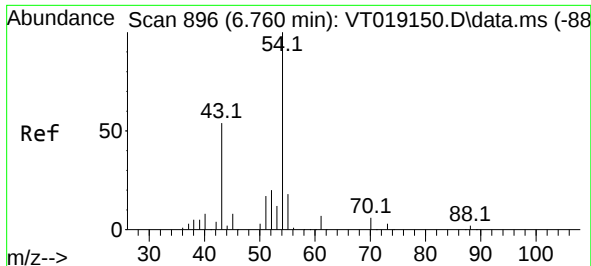
Tgt Ion:113 Resp: 110286
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 19.1 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 46.134 ug/l
 RT: 7.671 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

Tgt Ion: 75 Resp: 154646
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.1 48.2
 77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 51.621 ug/l

RT: 6.760 min Scan# 896

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

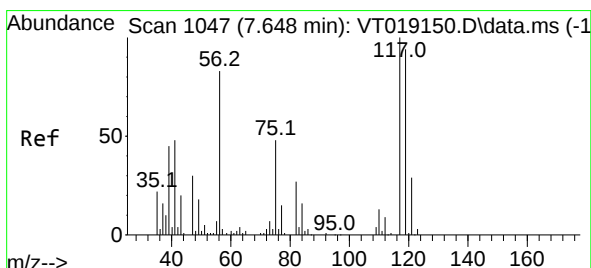
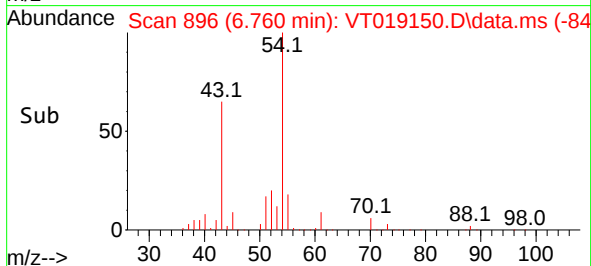
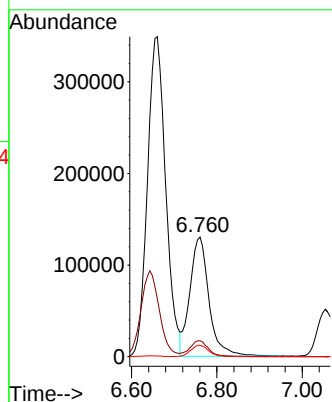
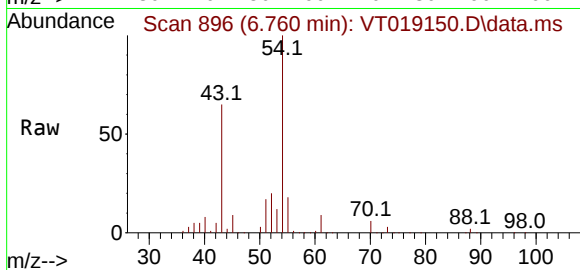
Tgt Ion: 43 Resp: 406118

Ion Ratio Lower Upper

43 100

61 12.5 10.0 15.0

70 9.1 7.3 10.9



#38

Carbon Tetrachloride

Concen: 51.578 ug/l

RT: 7.648 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

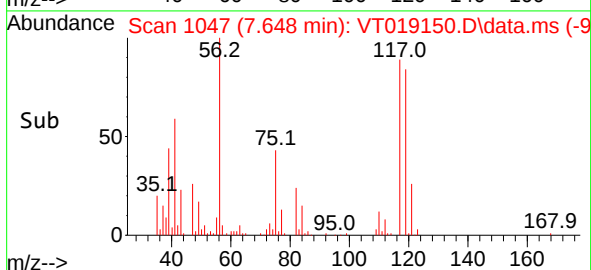
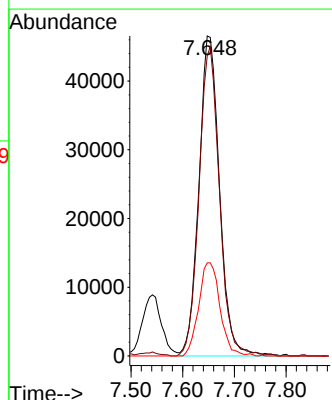
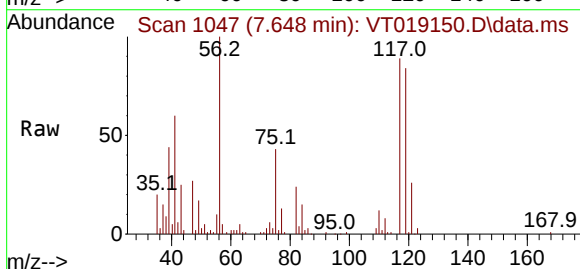
Tgt Ion: 117 Resp: 129031

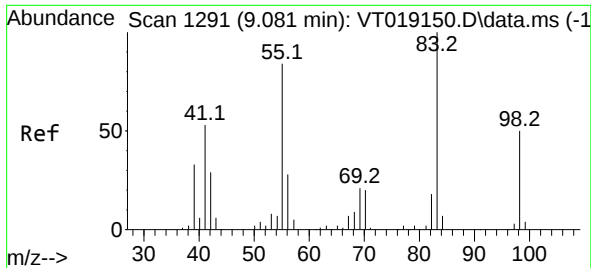
Ion Ratio Lower Upper

117 100

119 93.8 75.0 112.6

121 29.1 23.3 34.9

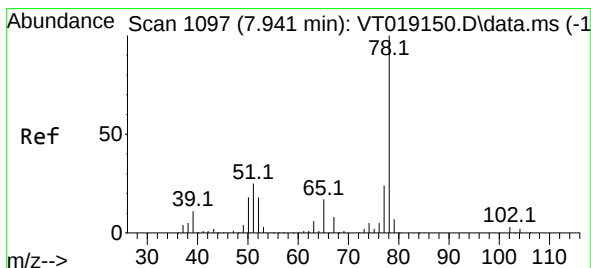
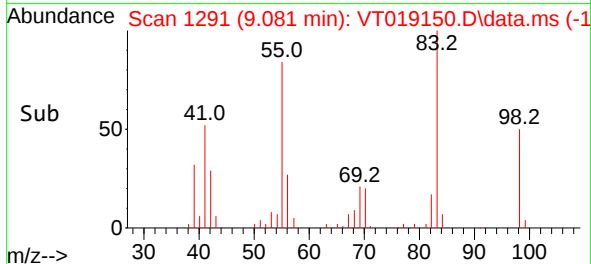
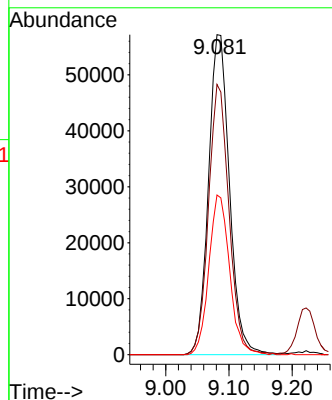
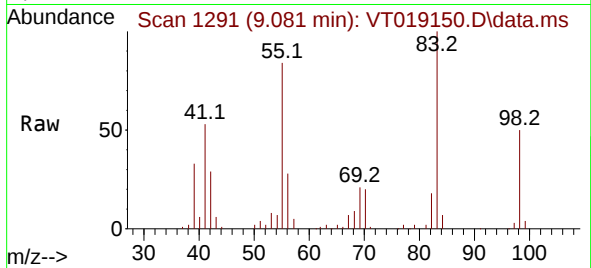




#39
Methylcyclohexane
Concen: 44.591 ug/l
RT: 9.081 min Scan# 1291
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

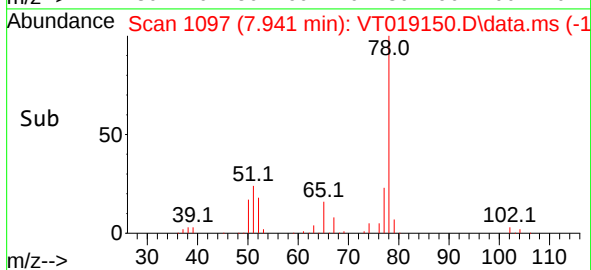
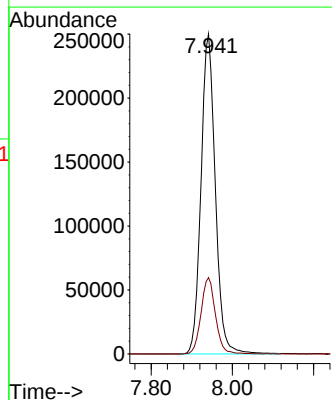
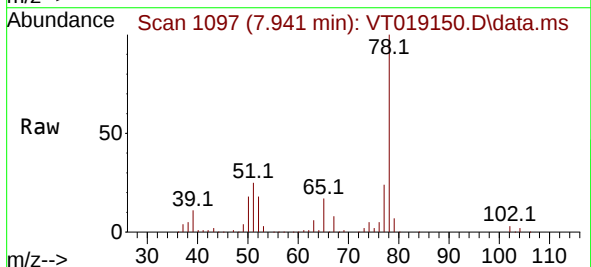
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

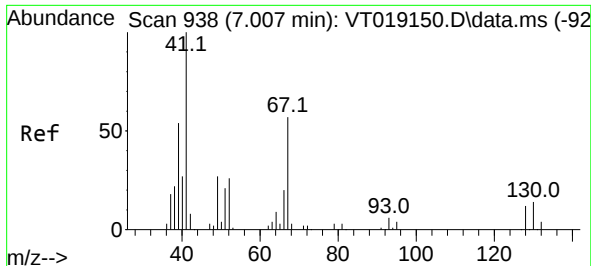
Tgt Ion: 83 Resp: 131898
Ion Ratio Lower Upper
83 100
55 84.4 67.5 101.3
98 49.9 39.9 59.9



#40
Benzene
Concen: 50.290 ug/l
RT: 7.941 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 78 Resp: 612263
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



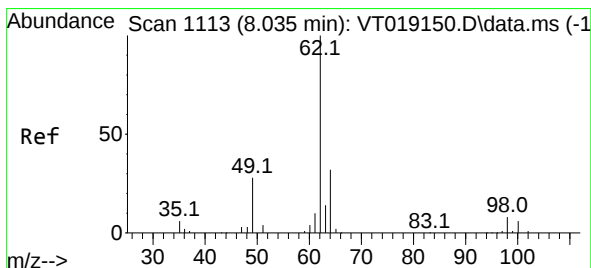
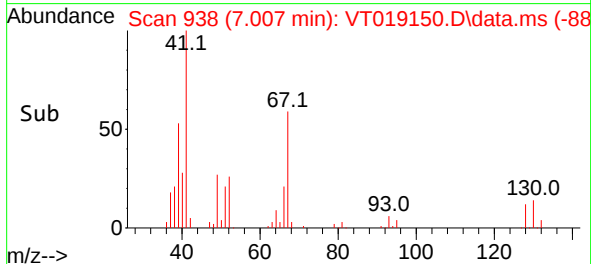
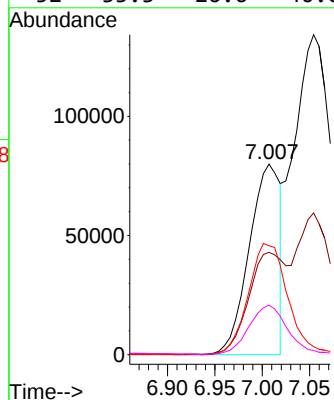
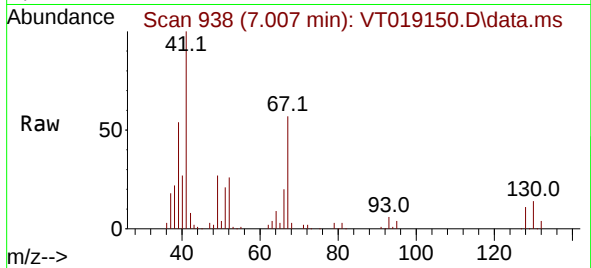


#41
Methacrylonitrile
Concen: 49.850 ug/l
RT: 7.007 min Scan# 91
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 182031

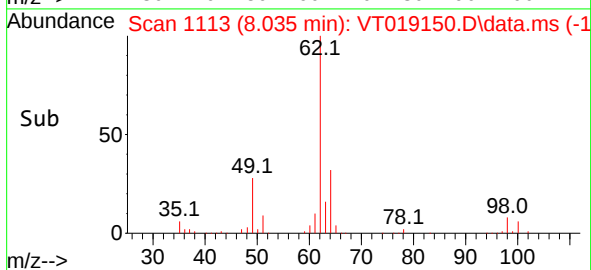
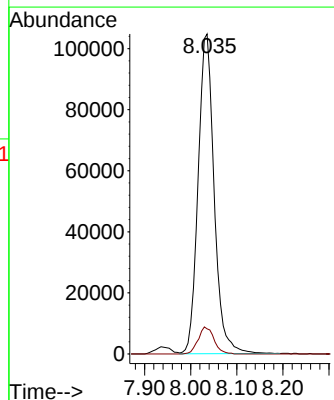
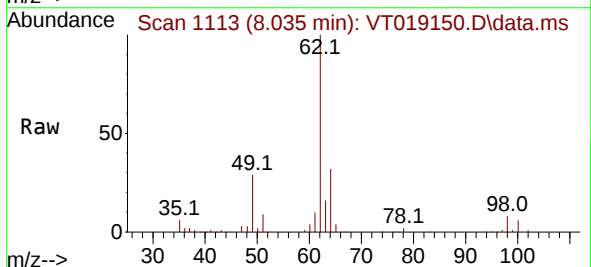
Ion	Ratio	Lower	Upper
41	100		
39	62.2	49.8	74.6
67	75.0	60.0	90.0
52	33.3	26.6	40.0

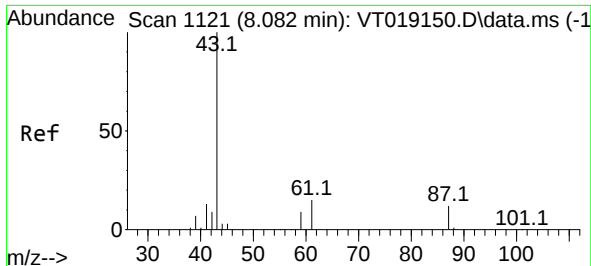


#42
1,2-Dichloroethane
Concen: 50.510 ug/l
RT: 8.035 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 62 Resp: 253462

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

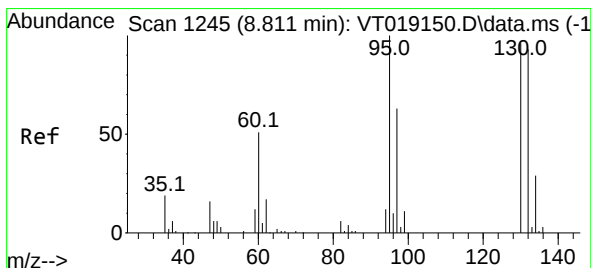
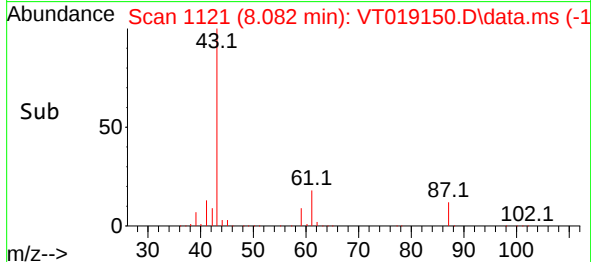
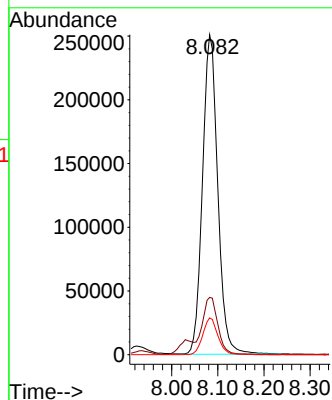
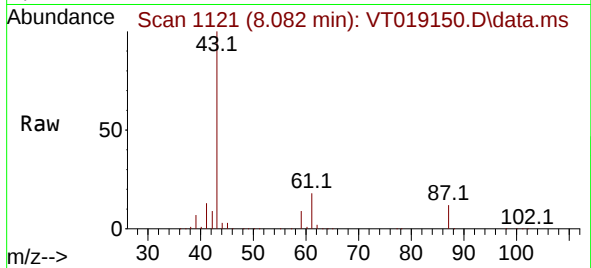




#43
Isopropyl Acetate
Concen: 52.850 ug/l
RT: 8.082 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

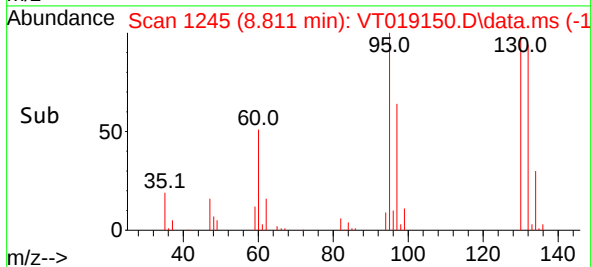
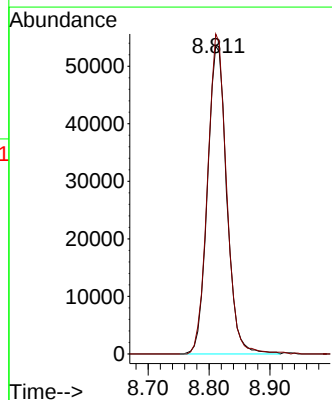
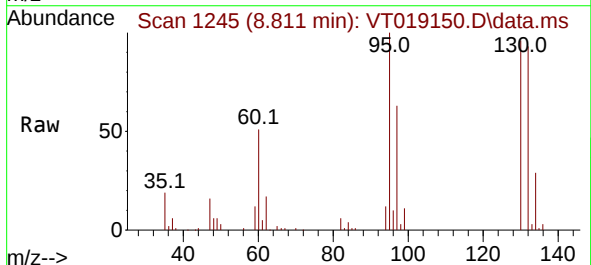
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

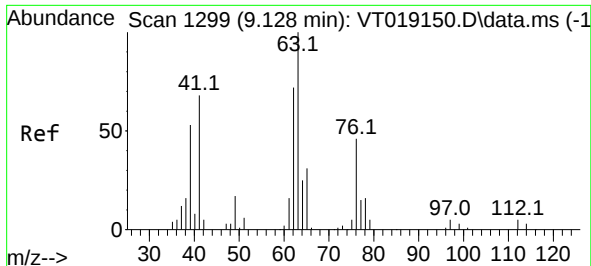
Tgt Ion: 43 Resp: 579498
Ion Ratio Lower Upper
43 100
61 18.5 14.8 22.2
87 11.4 9.1 13.7



#44
Trichloroethene
Concen: 47.627 ug/l
RT: 8.811 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:130 Resp: 117720
Ion Ratio Lower Upper
130 100
95 103.9 0.0 207.8

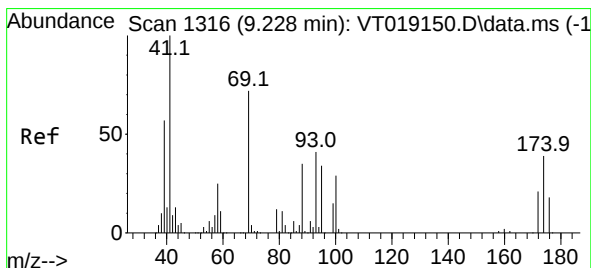
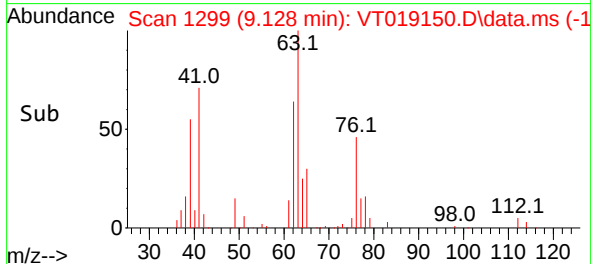
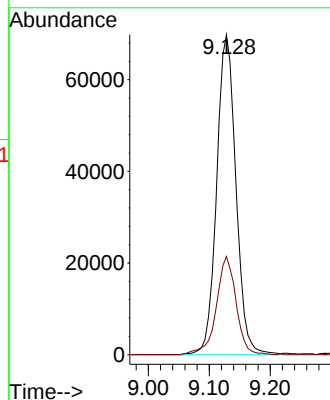
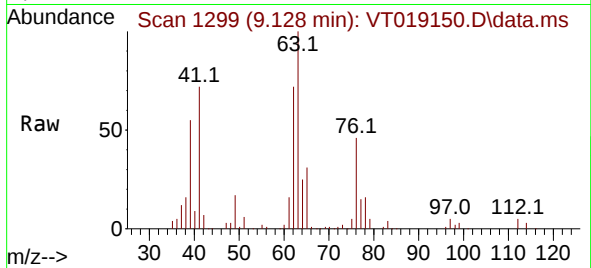




#45
1,2-Dichloropropane
Concen: 51.012 ug/l
RT: 9.128 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

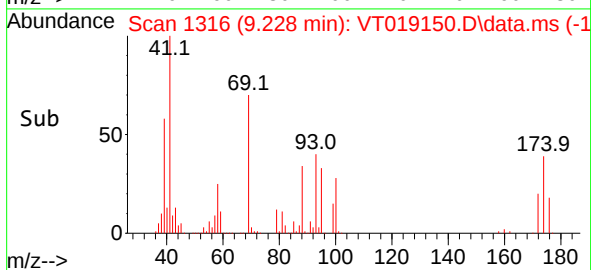
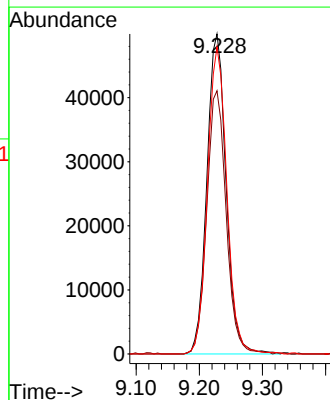
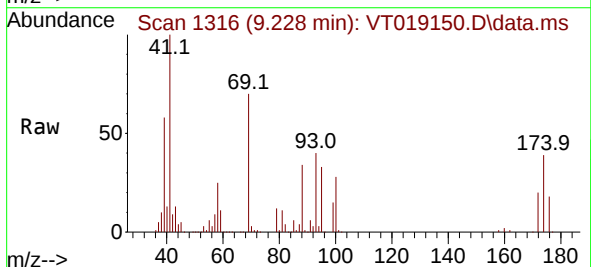
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

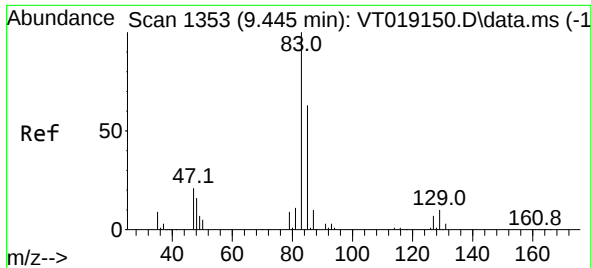
Tgt Ion: 63 Resp: 153106
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8



#46
Dibromomethane
Concen: 52.128 ug/l
RT: 9.228 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 93 Resp: 105791
Ion Ratio Lower Upper
93 100
95 83.0 66.4 99.6
174 96.6 77.3 115.9

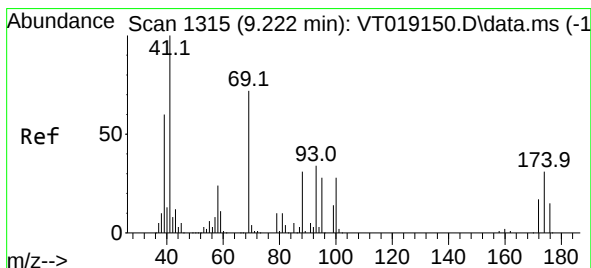
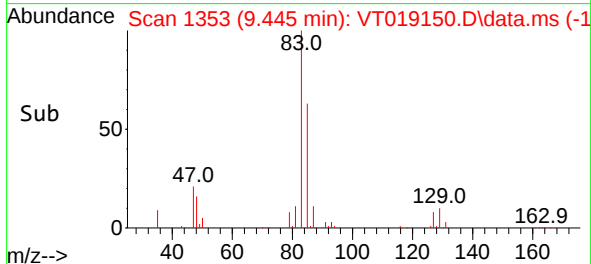
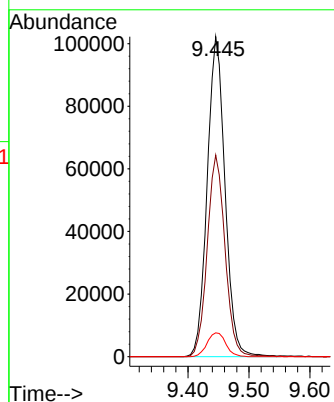
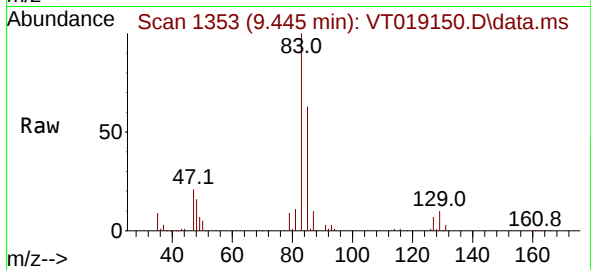




#47
 Bromodichloromethane
 Concen: 53.669 ug/l
 RT: 9.445 min Scan# 1353
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

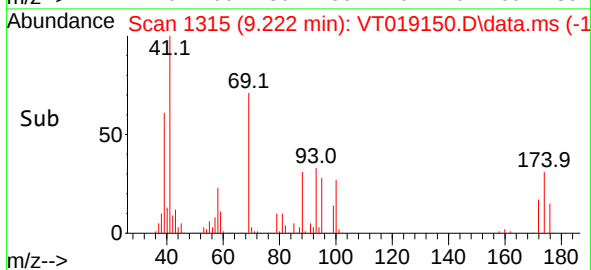
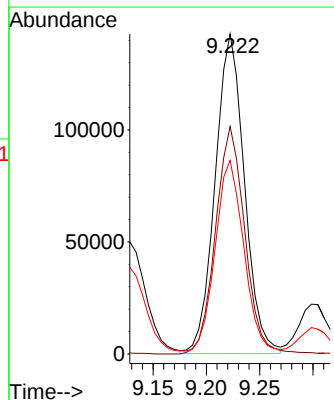
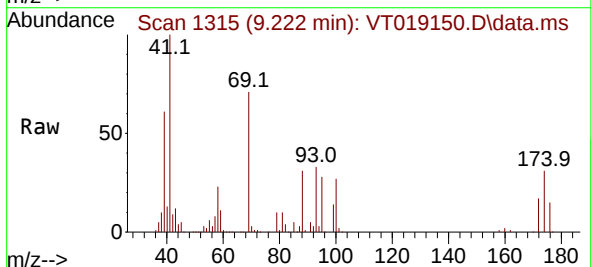
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

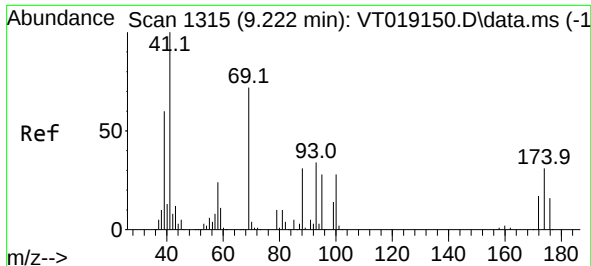
Tgt Ion: 83 Resp: 207354
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.4 75.6
 127 7.5 6.0 9.0



#48
 Methyl methacrylate
 Concen: 53.580 ug/l
 RT: 9.222 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

Tgt Ion: 41 Resp: 272529
 Ion Ratio Lower Upper
 41 100
 69 71.1 56.9 85.3
 39 60.0 48.0 72.0





#49

1,4-Dioxane

Concen: 1053.372 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

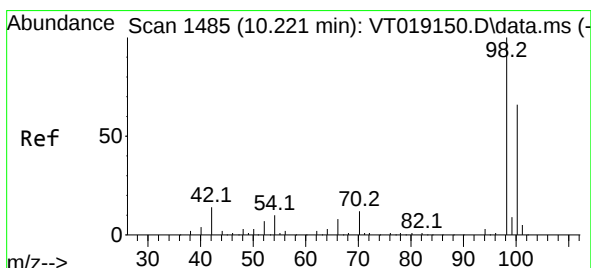
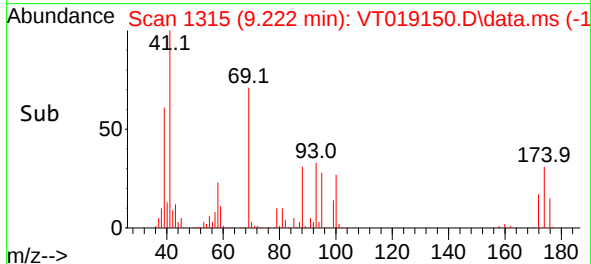
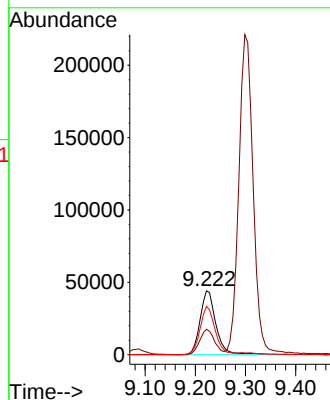
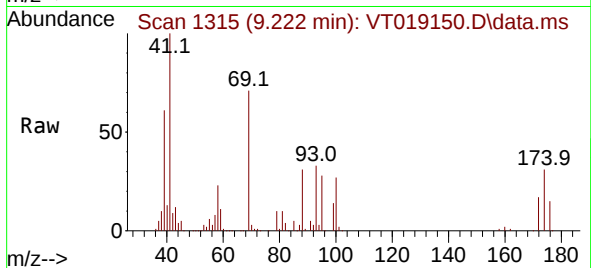
Tgt Ion: 88 Resp: 96780

Ion Ratio Lower Upper

88 100

43 37.5 30.0 45.0

58 71.5 57.2 85.8



#50

Toluene-d8

Concen: 50.297 ug/l

RT: 10.221 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VT019150.D

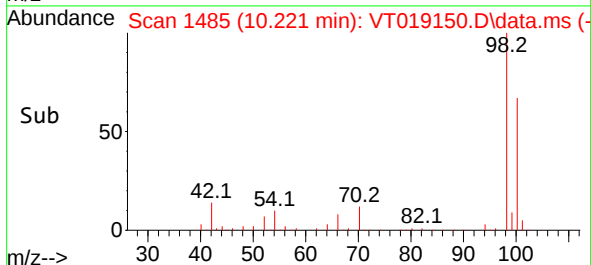
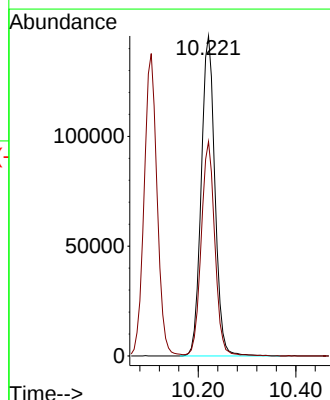
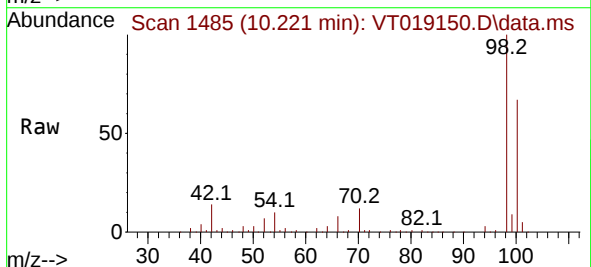
Acq: 3 Oct 2025 17:13

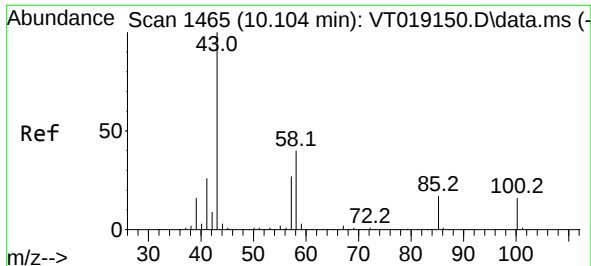
Tgt Ion: 98 Resp: 283911

Ion Ratio Lower Upper

98 100

100 66.9 53.5 80.3

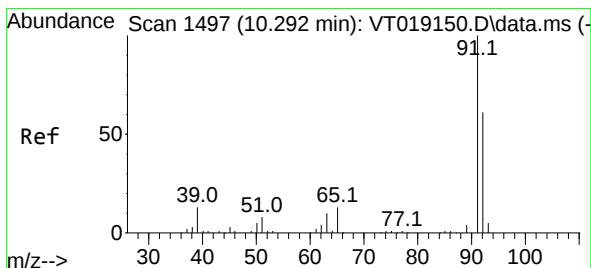
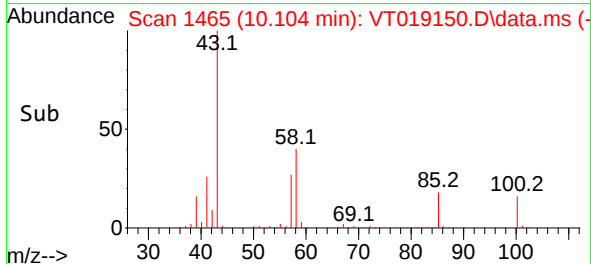
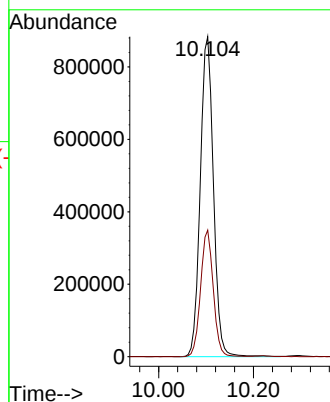
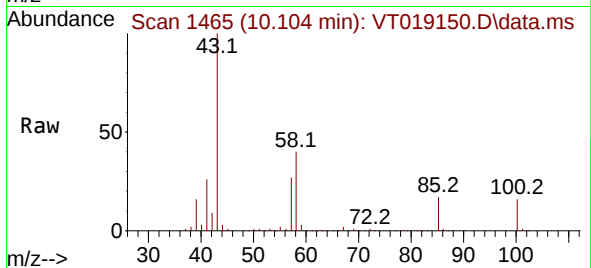




#51
4-Methyl-2-Pentanone
Concen: 264.777 ug/l
RT: 10.104 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

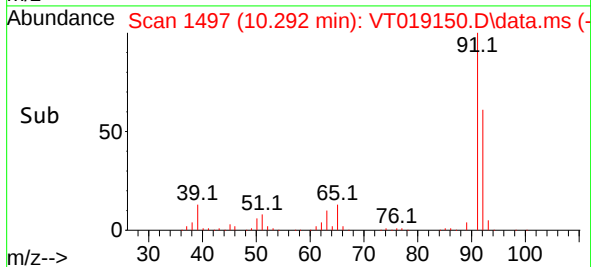
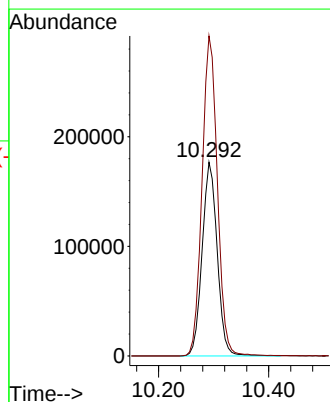
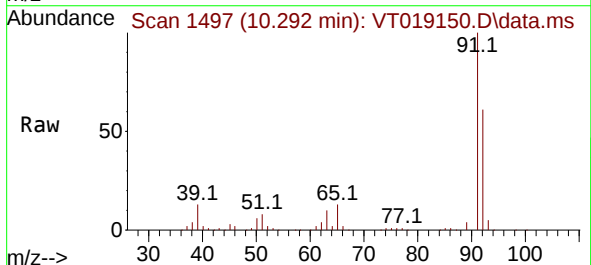
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

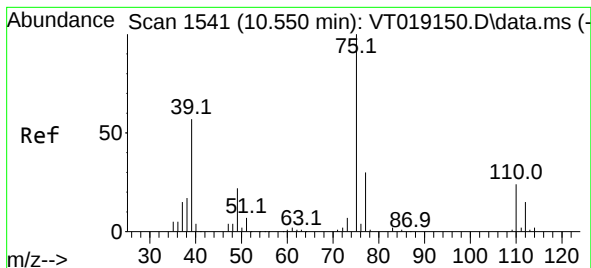
Tgt Ion: 43 Resp: 1699014
Ion Ratio Lower Upper
43 100
58 38.1 30.5 45.7



#52
Toluene
Concen: 48.861 ug/l
RT: 10.292 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 92 Resp: 335485
Ion Ratio Lower Upper
92 100
91 168.5 134.8 202.2

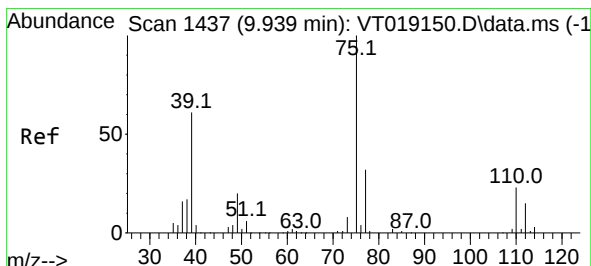
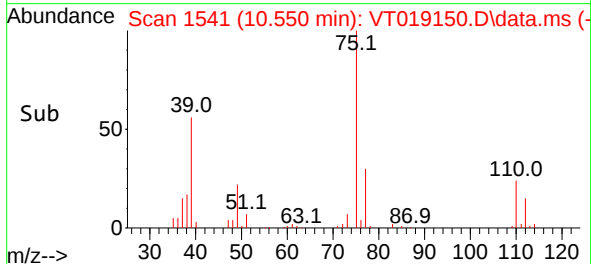
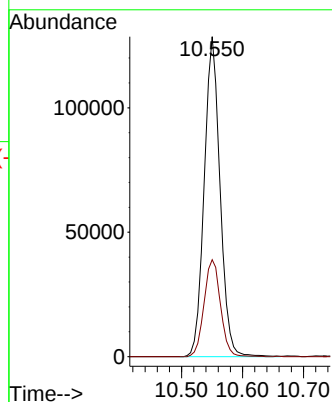
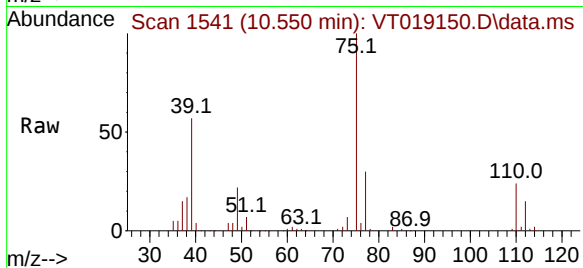




#53
t-1,3-Dichloropropene
Concen: 53.355 ug/l
RT: 10.550 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

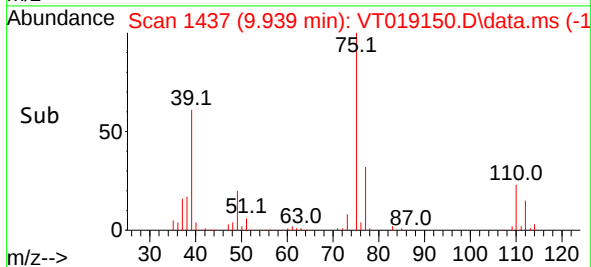
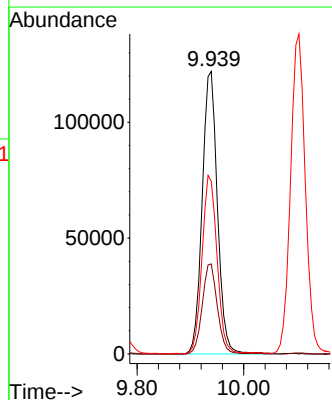
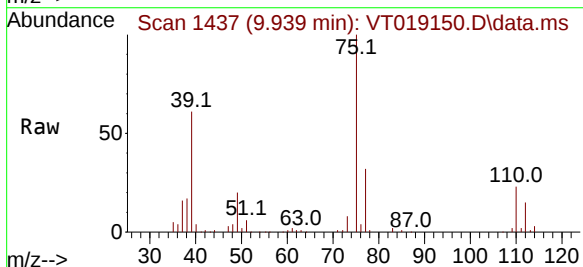
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

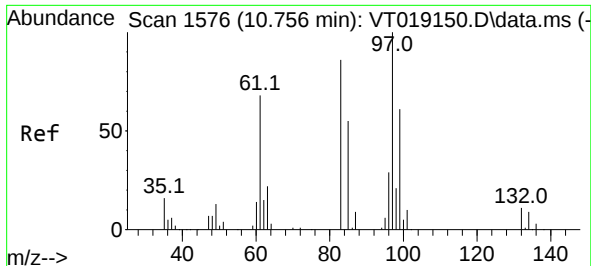
Tgt Ion: 75 Resp: 231691
Ion Ratio Lower Upper
75 100
77 30.3 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 52.067 ug/l
RT: 9.939 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 75 Resp: 241676
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 61.0 48.8 73.2



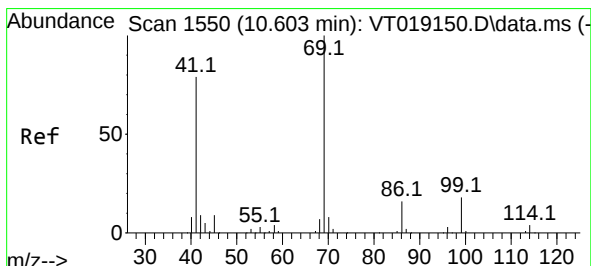
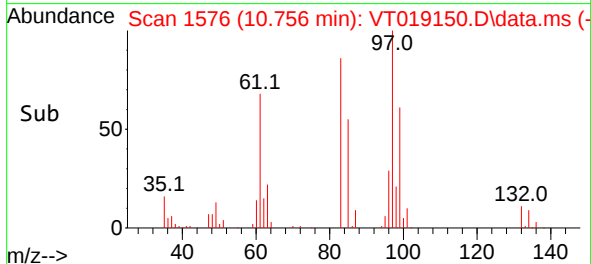
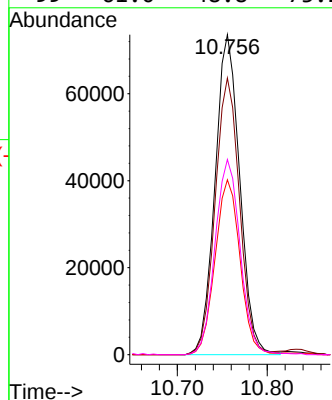
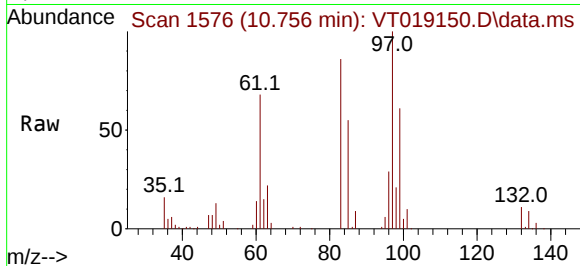


#55
1,1,2-Trichloroethane
Concen: 50.700 ug/l
RT: 10.756 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 140506

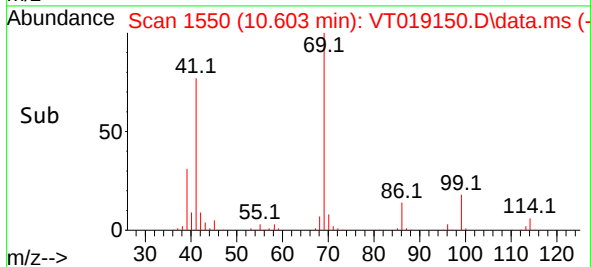
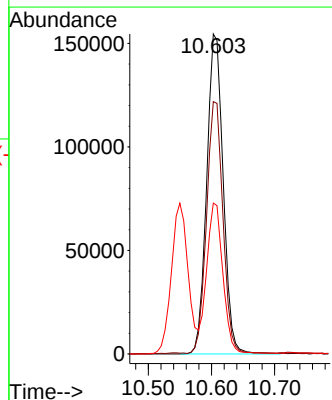
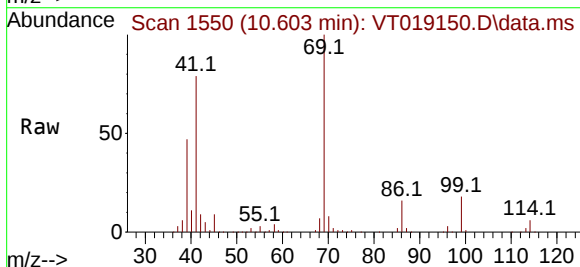
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	54.7	43.8	65.6
99	61.0	48.8	73.2

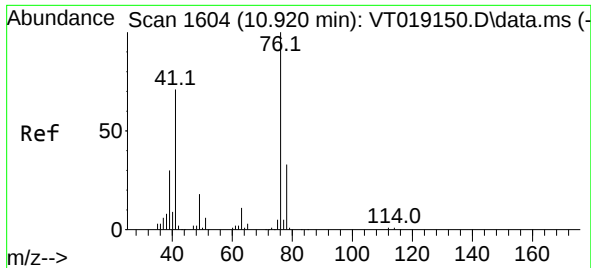


#56
Ethyl methacrylate
Concen: 54.092 ug/l
RT: 10.603 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 69 Resp: 279774

Ion	Ratio	Lower	Upper
69	100		
41	78.2	62.6	93.8
39	46.5	37.2	55.8

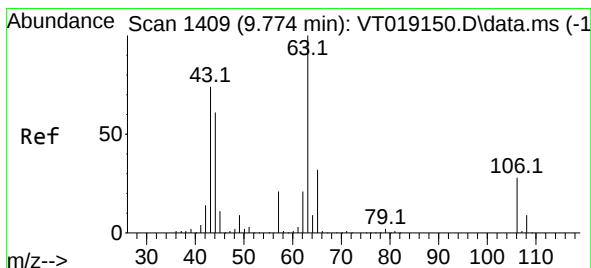
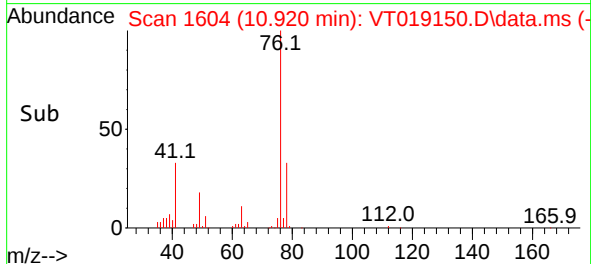
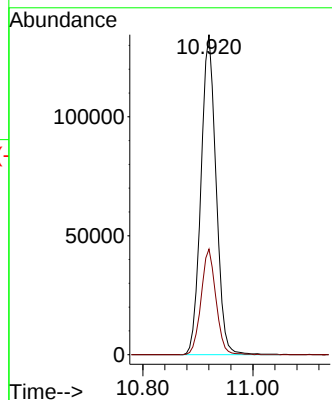
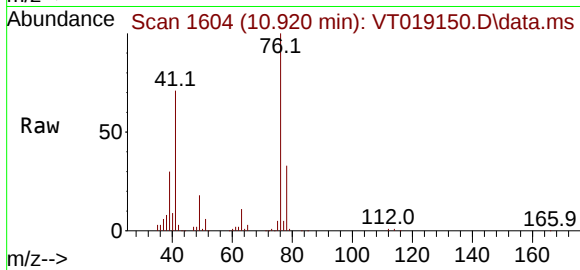




#57
1,3-Dichloropropane
Concen: 51.265 ug/l
RT: 10.920 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

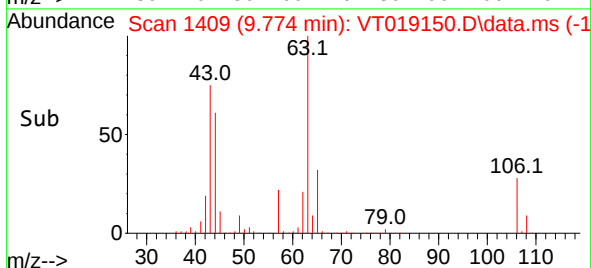
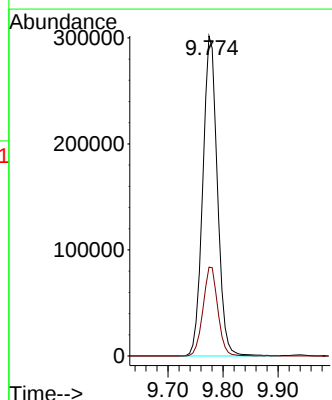
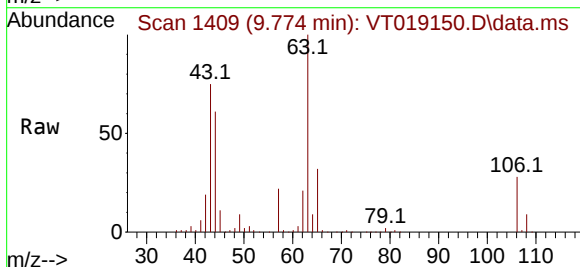
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

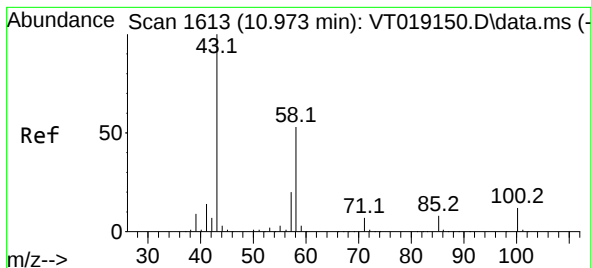
Tgt Ion: 76 Resp: 256199
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 276.567 ug/l
RT: 9.774 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 63 Resp: 555909
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6

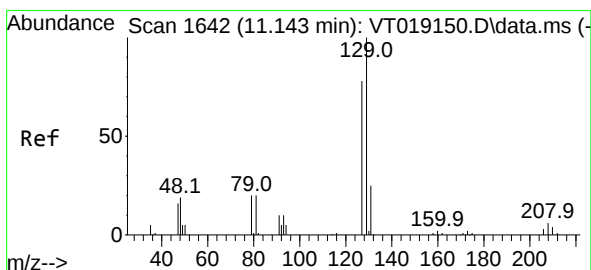
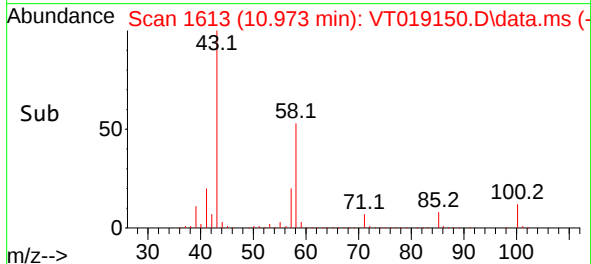
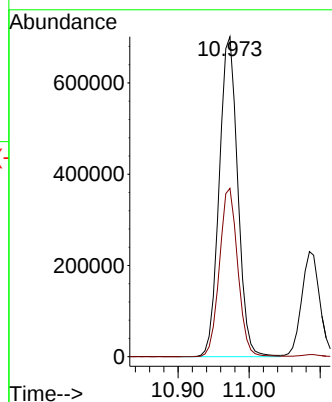
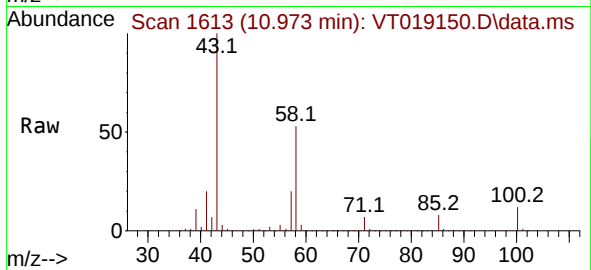




#59
2-Hexanone
Concen: 258.177 ug/l
RT: 10.973 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

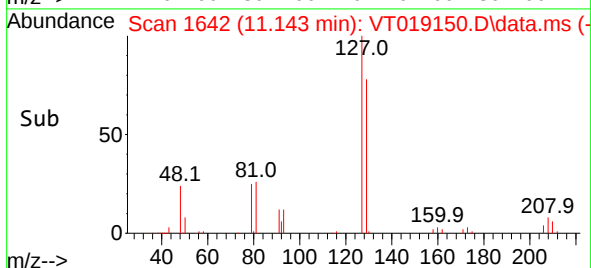
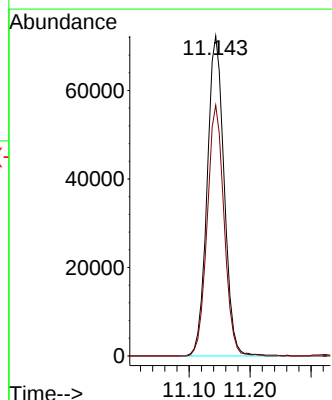
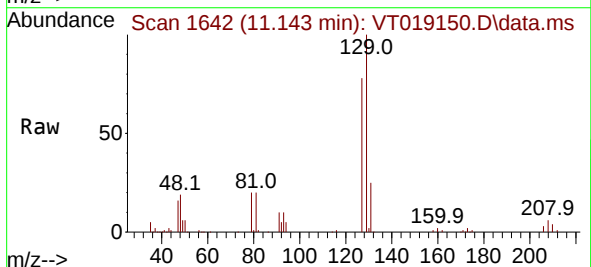
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

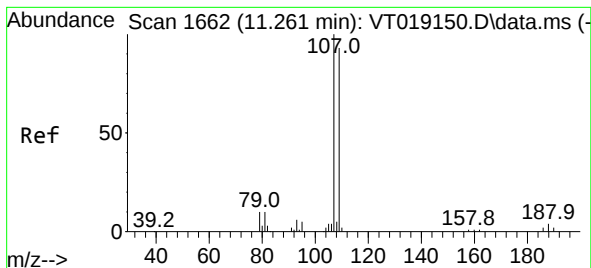
Tgt Ion: 43 Resp: 1266020
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3



#60
Dibromochloromethane
Concen: 56.973 ug/l
RT: 11.143 min Scan# 1642
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:129 Resp: 139890
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

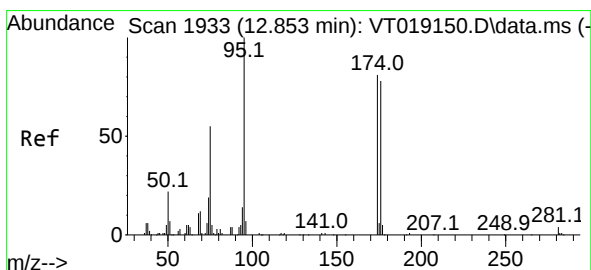
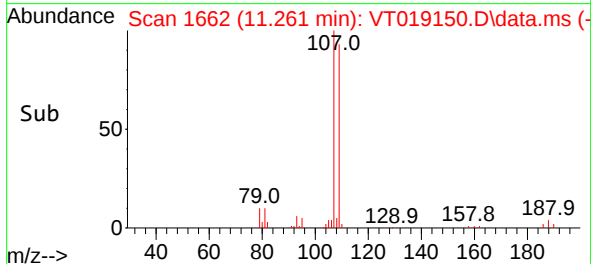
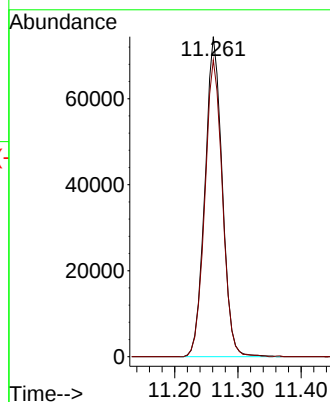
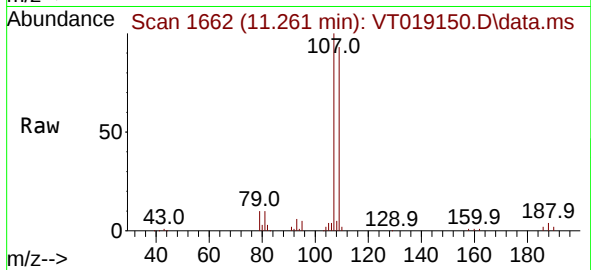




#61
1,2-Dibromoethane
Concen: 51.499 ug/l
RT: 11.261 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

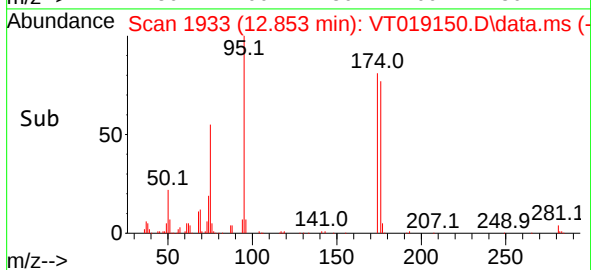
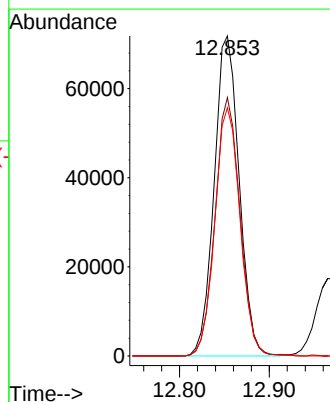
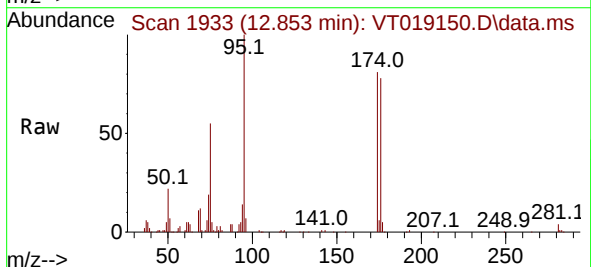
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

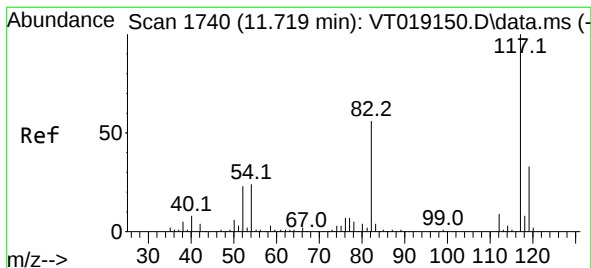
Tgt Ion:107 Resp: 140875
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.960 ug/l
RT: 12.853 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 95 Resp: 138767
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.6
176 78.3 0.0 156.6

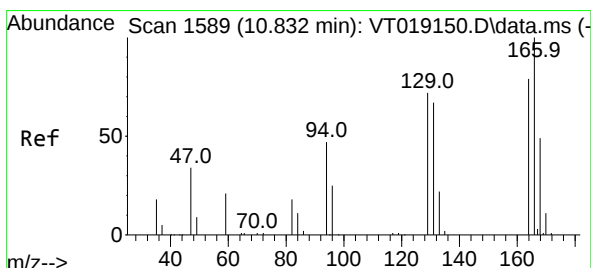
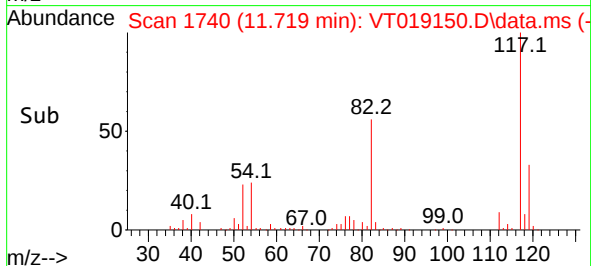
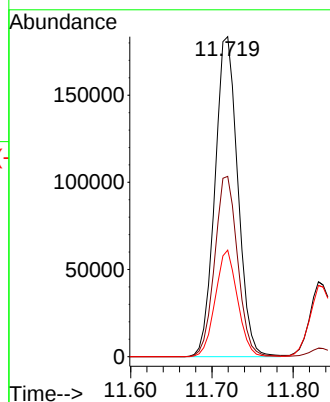
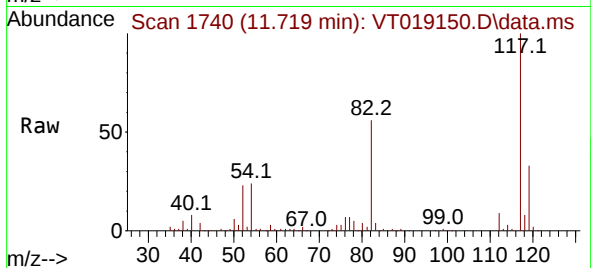




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.719 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

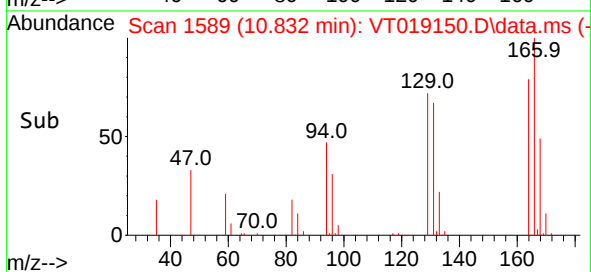
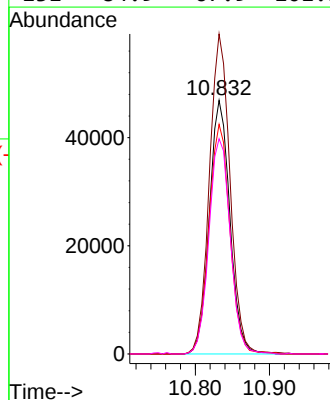
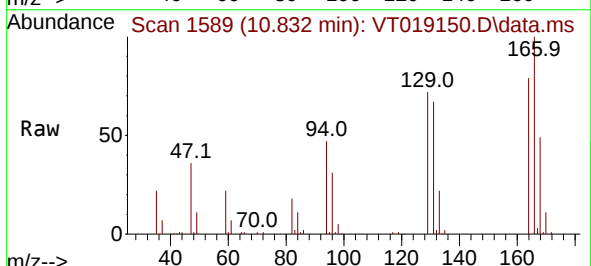
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

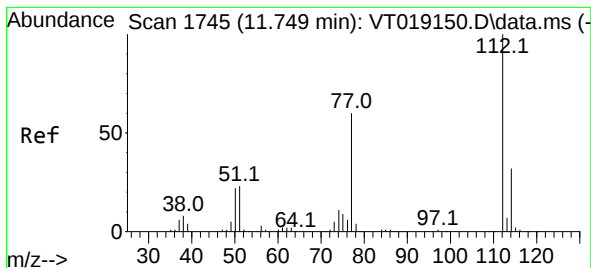
Tgt Ion:117 Resp: 359438
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 33.3 26.6 40.0



#64
Tetrachloroethene
Concen: 45.348 ug/l
RT: 10.832 min Scan# 1589
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:164 Resp: 90645
Ion Ratio Lower Upper
164 100
166 126.1 100.9 151.3
129 90.5 72.4 108.6
131 84.9 67.9 101.9





#65

Chlorobenzene

Concen: 46.807 ug/l

RT: 11.749 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

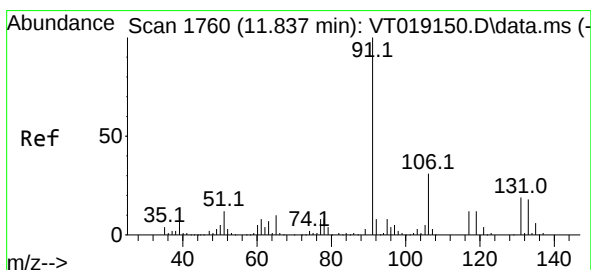
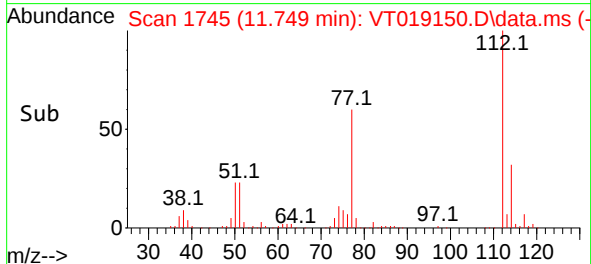
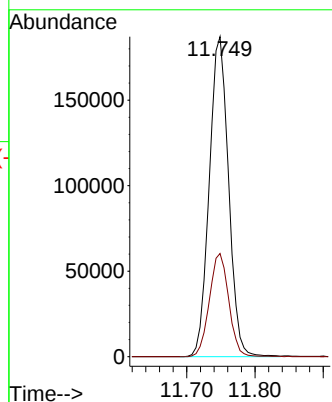
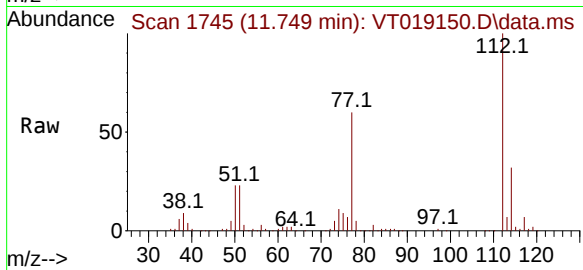
VSTDICCC050

Tgt Ion:112 Resp: 367849

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 54.445 ug/l

RT: 11.837 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

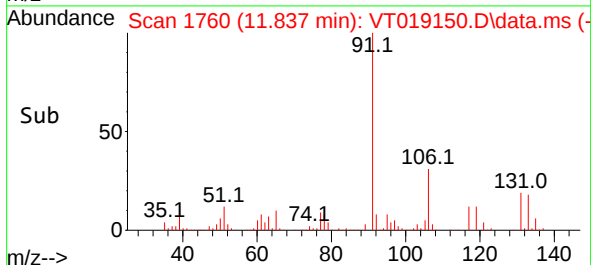
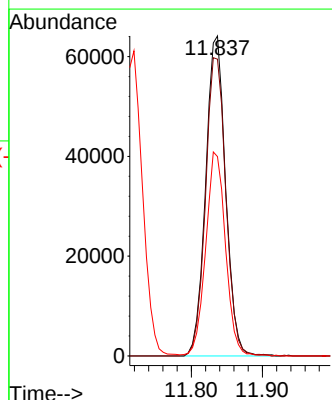
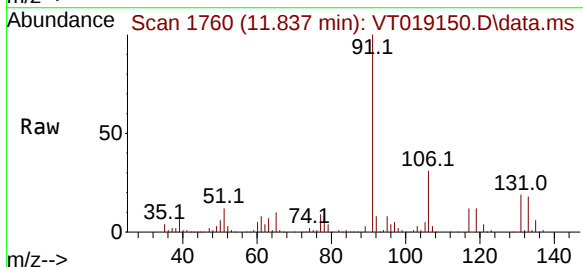
Tgt Ion:131 Resp: 125246

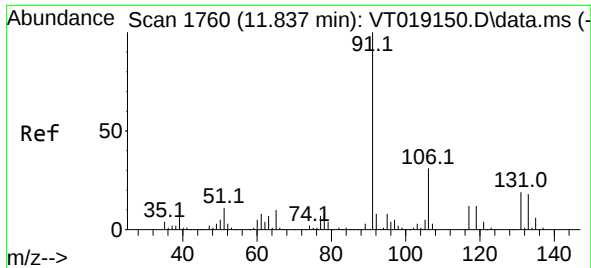
Ion Ratio Lower Upper

131 100

133 94.9 47.4 142.3

119 63.4 31.7 95.1

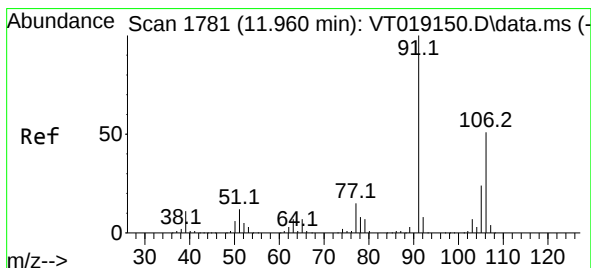
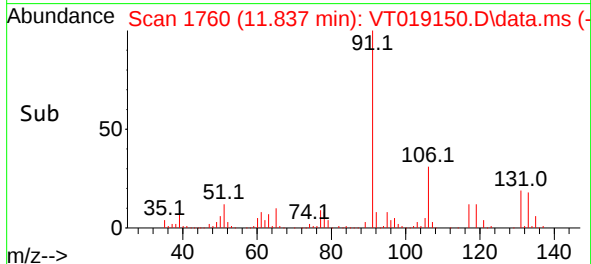
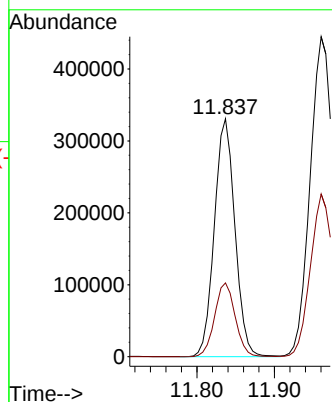
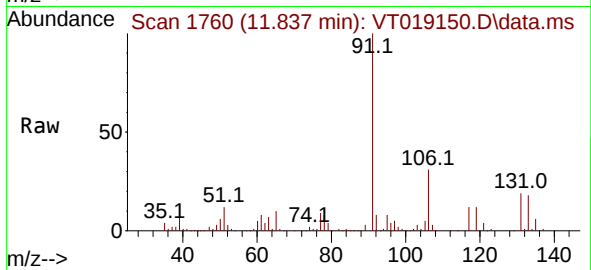




#67
Ethyl Benzene
Concen: 47.445 ug/l
RT: 11.837 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

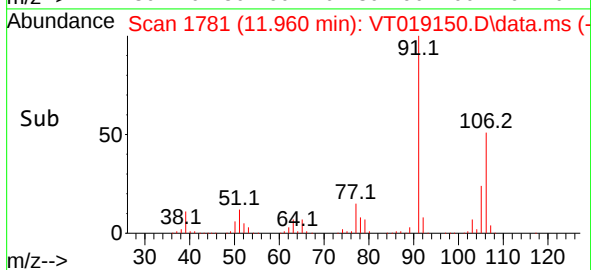
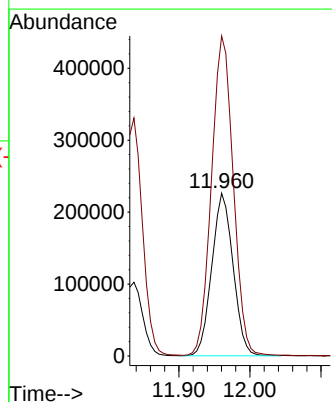
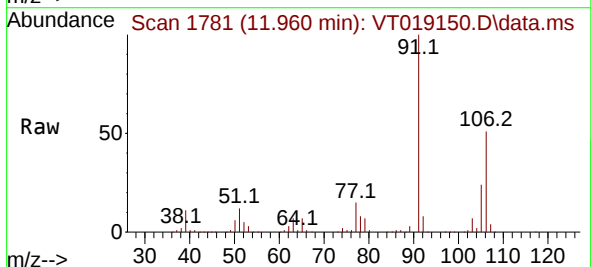
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

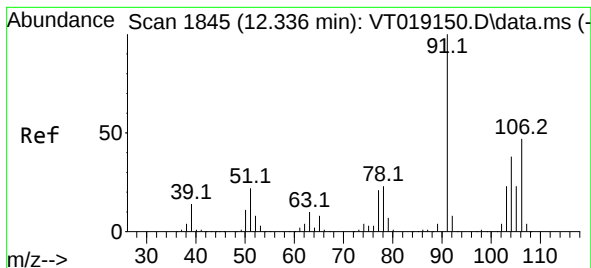
Tgt Ion: 91 Resp: 609401
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 94.118 ug/l
RT: 11.960 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 106 Resp: 469985
Ion Ratio Lower Upper
106 100
91 201.3 161.0 241.6

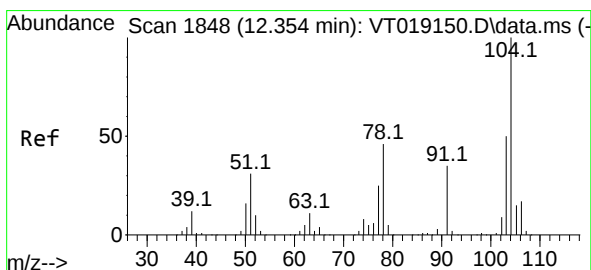
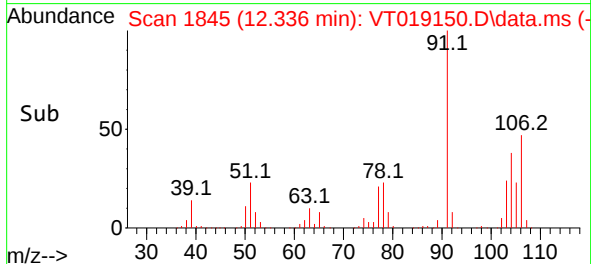
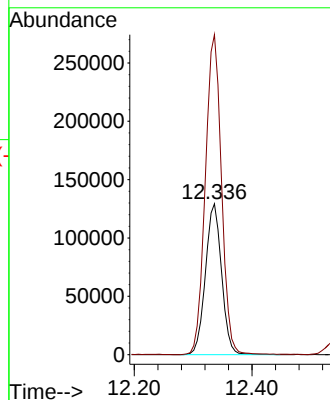
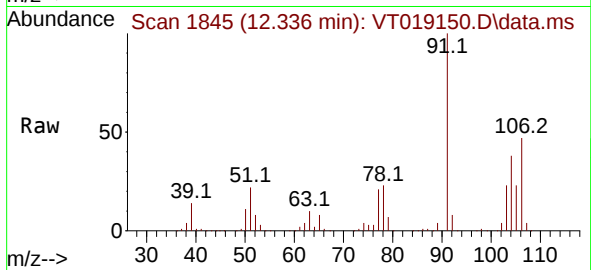




#69
o-Xylene
Concen: 48.086 ug/l
RT: 12.336 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

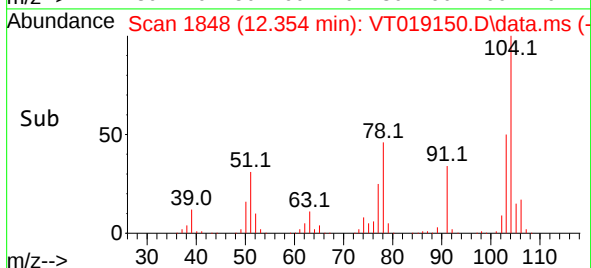
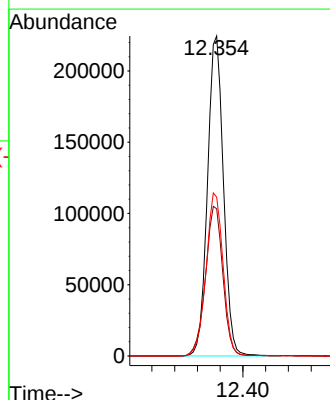
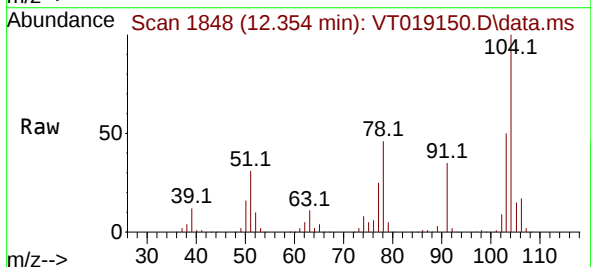
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

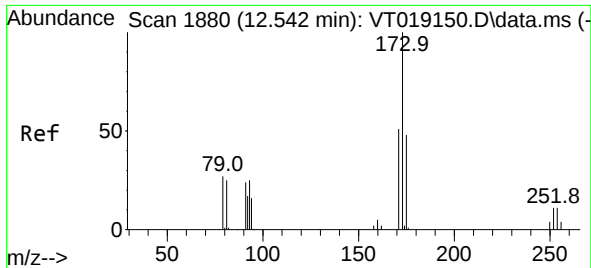
Tgt Ion:106 Resp: 246142
Ion Ratio Lower Upper
106 100
91 213.0 106.5 319.5



#70
Styrene
Concen: 49.357 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:104 Resp: 435715
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 54.7 43.8 65.6

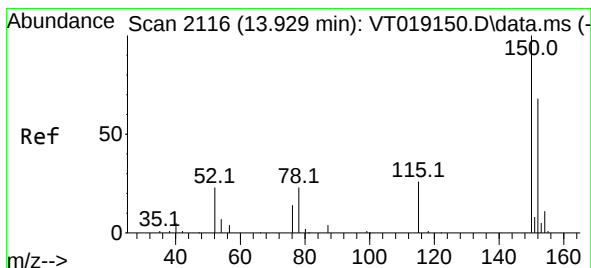
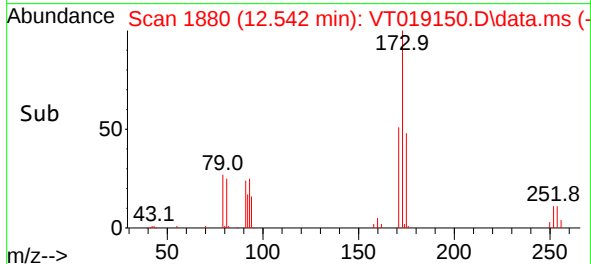
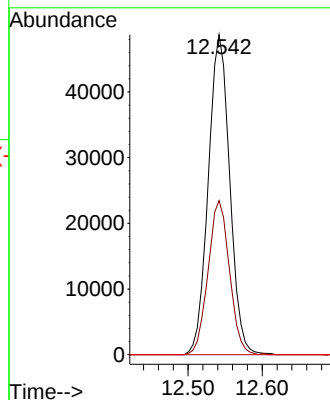
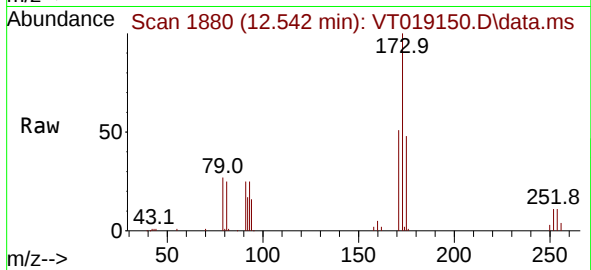




#71
Bromoform
Concen: 48.591 ug/l
RT: 12.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

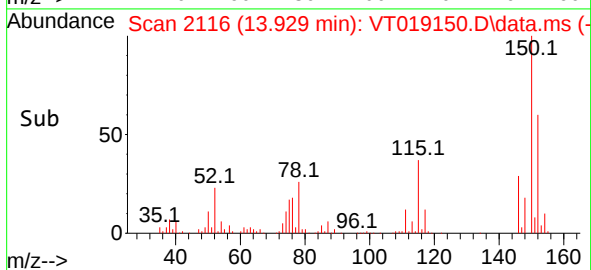
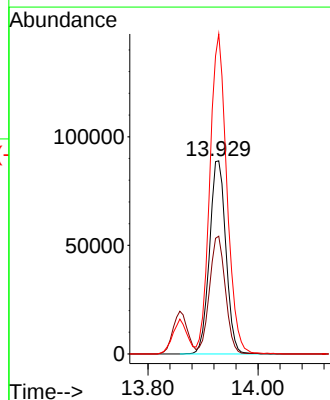
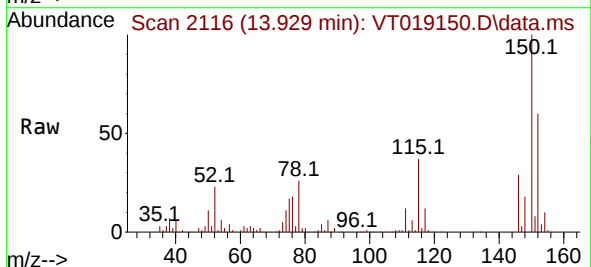
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

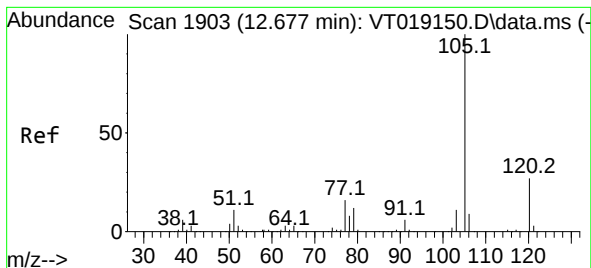
Tgt Ion:173 Resp: 97896
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.929 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:152 Resp: 183755
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.9
150 171.3 0.0 342.6





#73

Isopropylbenzene

Concen: 46.180 ug/l

RT: 12.677 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

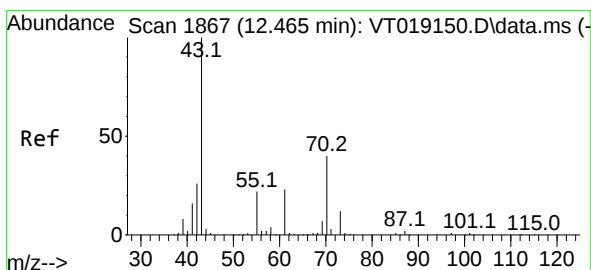
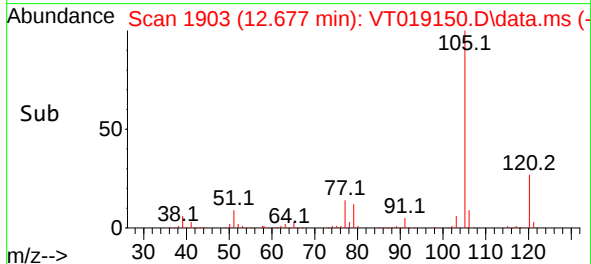
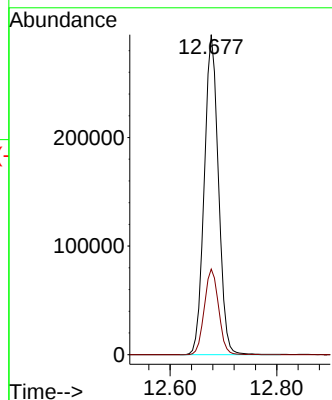
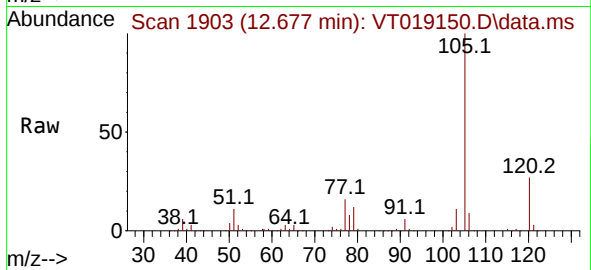
VSTDICCC050

Tgt Ion:105 Resp: 542802

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 52.655 ug/l

RT: 12.465 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Tgt Ion: 43 Resp: 396599

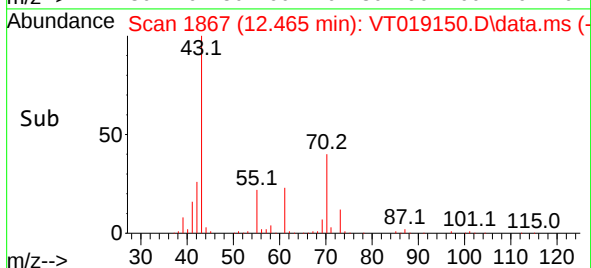
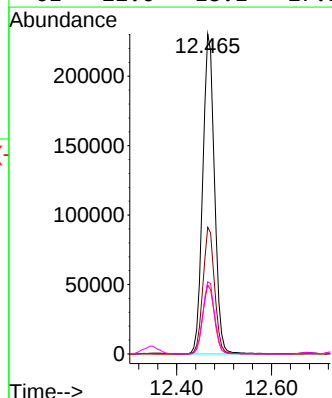
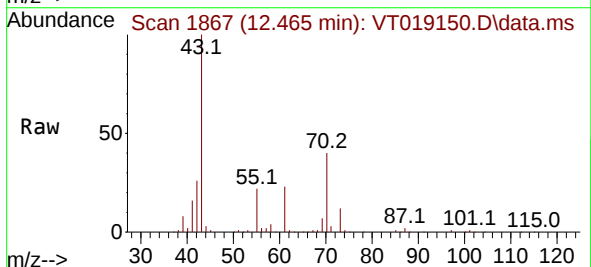
Ion Ratio Lower Upper

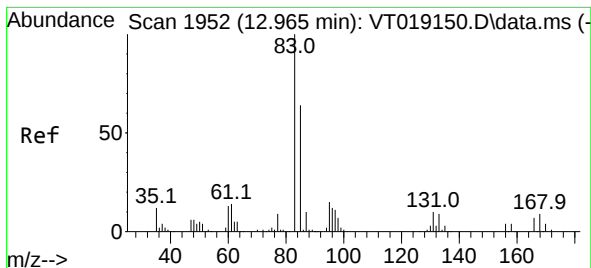
43 100

70 39.1 31.3 46.9

55 21.7 17.4 26.0

61 22.6 18.1 27.1

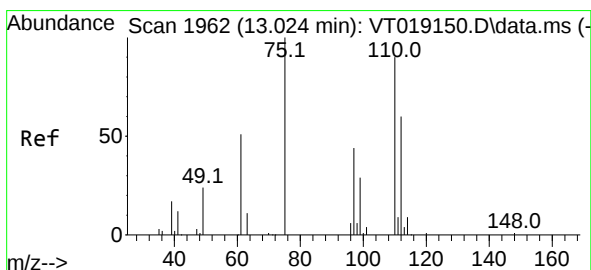
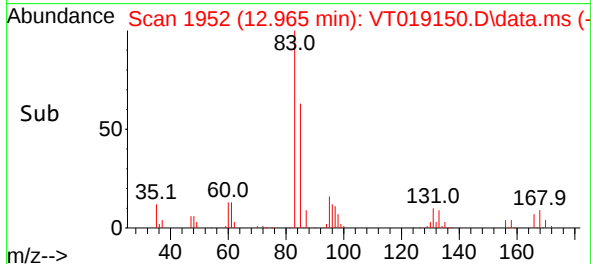
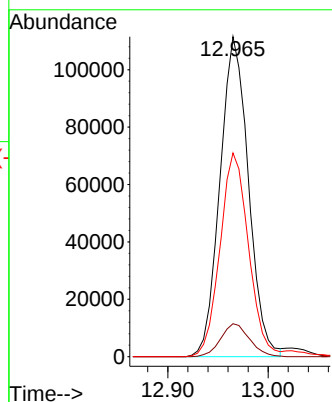
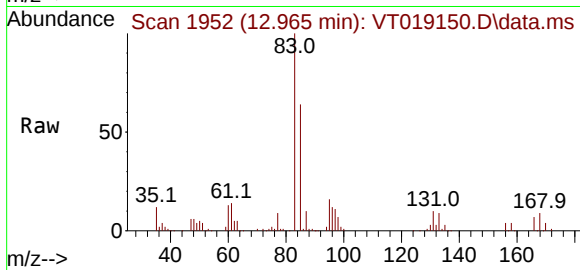




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.542 ug/l
 RT: 12.965 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

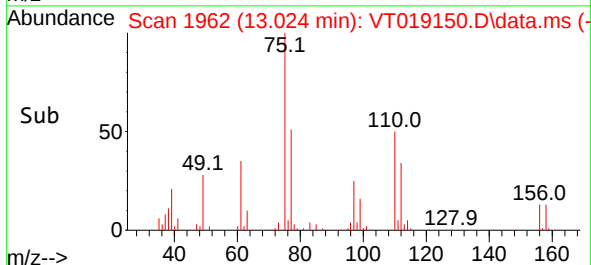
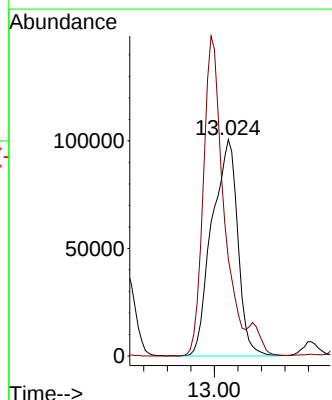
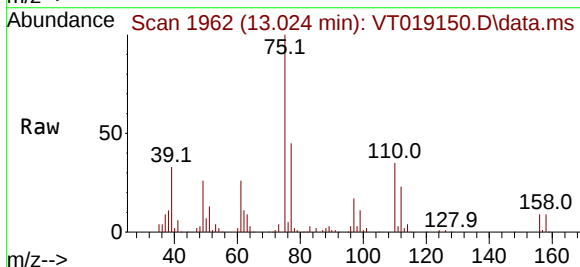
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

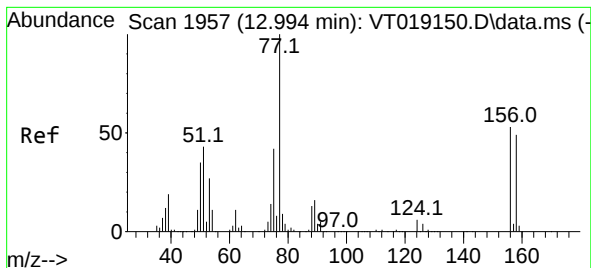
Tgt Ion: 83 Resp: 219804
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.2 15.6
 85 65.6 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 75.130 ug/l
 RT: 13.024 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

Tgt Ion: 75 Resp: 305599
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.841 ug/l

RT: 12.994 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

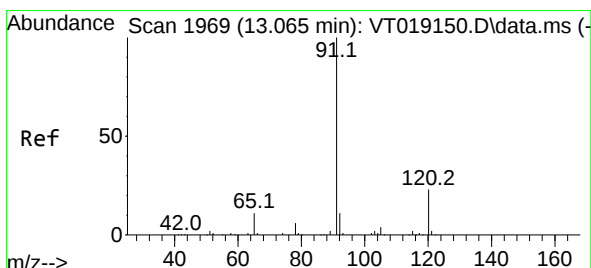
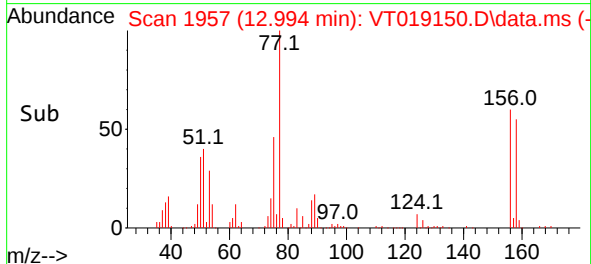
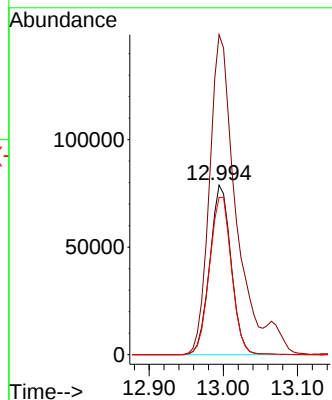
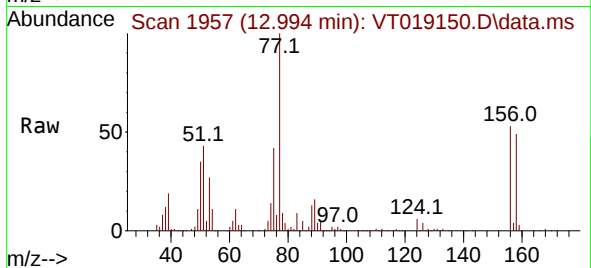
Tgt Ion:156 Resp: 157449

Ion Ratio Lower Upper

156 100

77 226.2 113.1 339.3

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 45.849 ug/l

RT: 13.065 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VT019150.D

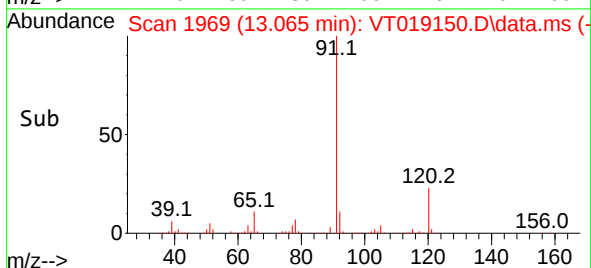
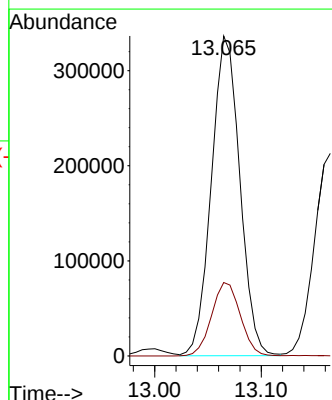
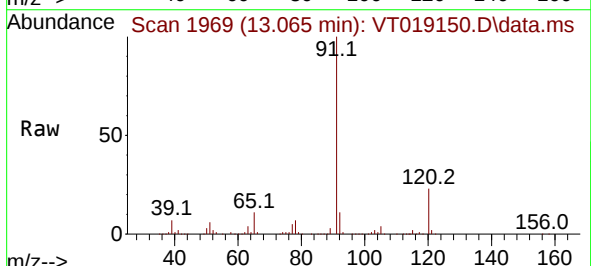
Acq: 3 Oct 2025 17:13

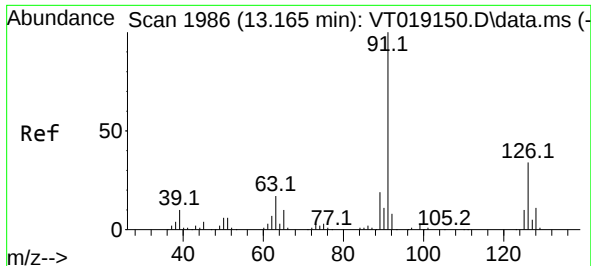
Tgt Ion: 91 Resp: 623255

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 46.000 ug/l

RT: 13.165 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

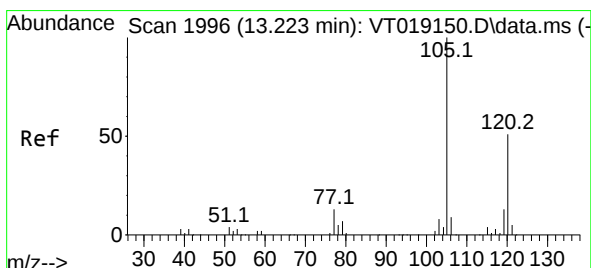
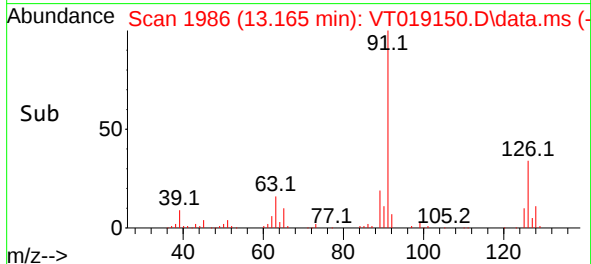
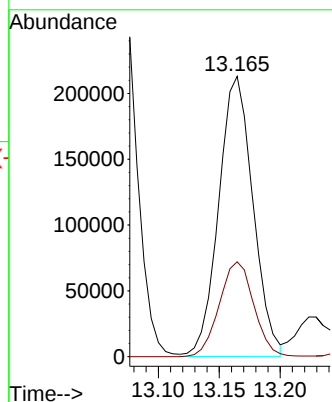
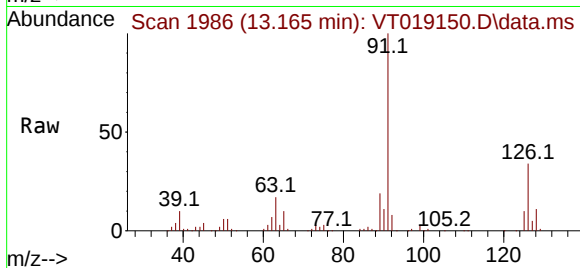
VSTDICCC050

Tgt Ion: 91 Resp: 415925

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 46.607 ug/l

RT: 13.223 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VT019150.D

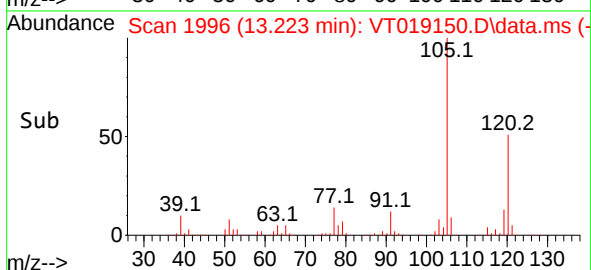
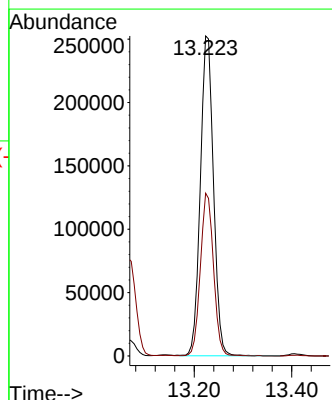
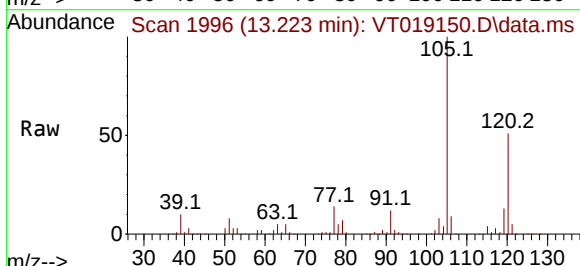
Acq: 3 Oct 2025 17:13

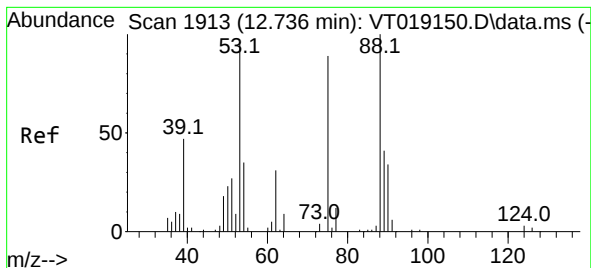
Tgt Ion: 105 Resp: 472241

Ion Ratio Lower Upper

105 100

120 51.0 25.5 76.5

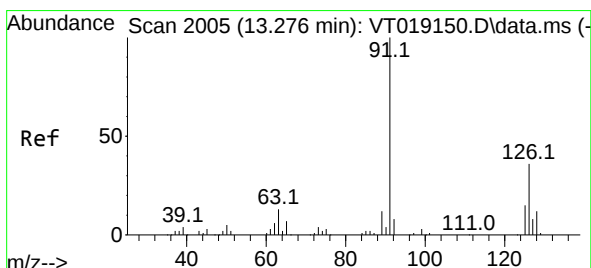
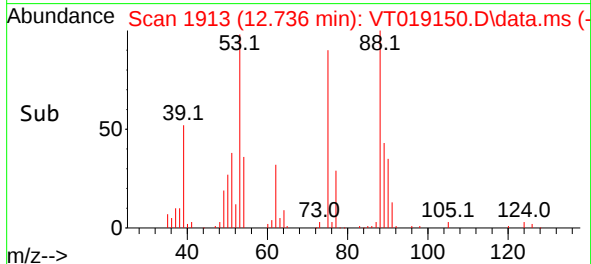
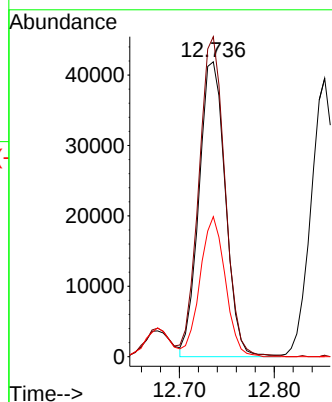
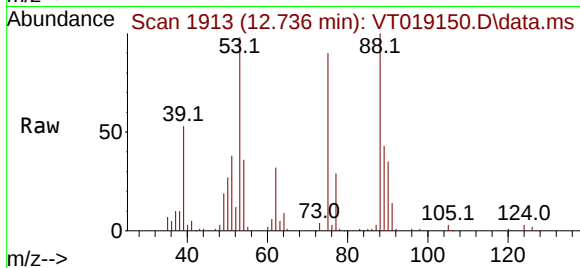




#81
trans-1,4-Dichloro-2-butene
Concen: 56.058 ug/l
RT: 12.736 min Scan# 1913
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

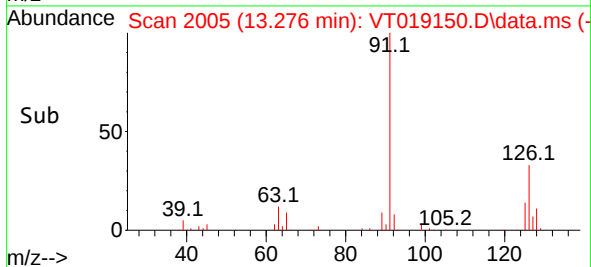
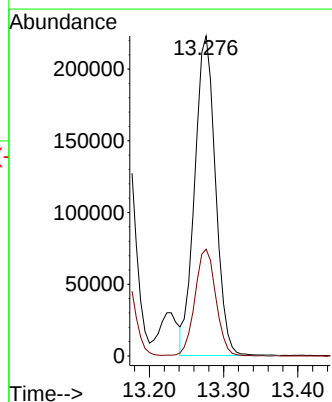
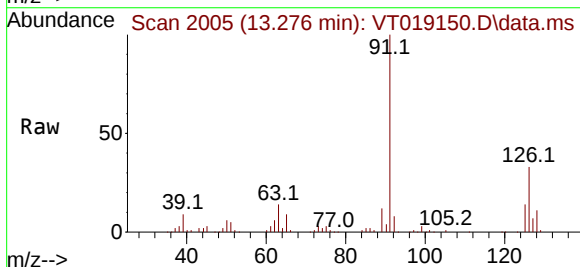
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

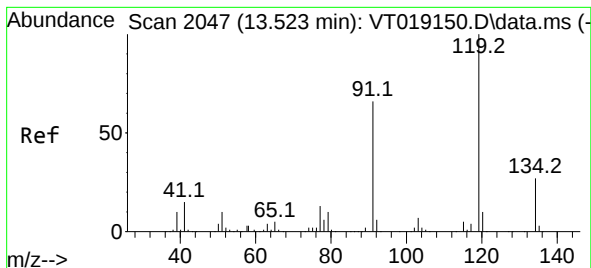
Tgt Ion: 75 Resp: 81208
Ion Ratio Lower Upper
75 100
53 107.5 86.0 129.0
89 45.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 45.554 ug/l
RT: 13.276 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 91 Resp: 433241
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7





#83

tert-Butylbenzene

Concen: 45.918 ug/l

RT: 13.523 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

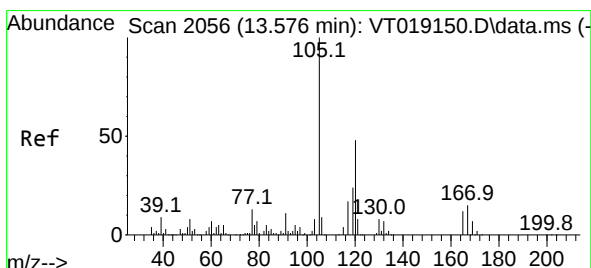
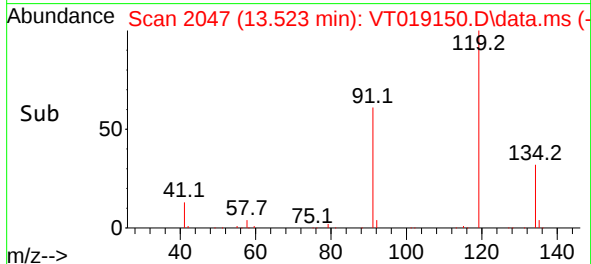
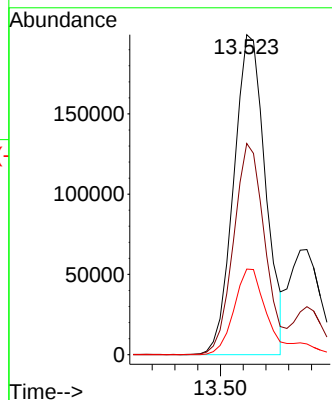
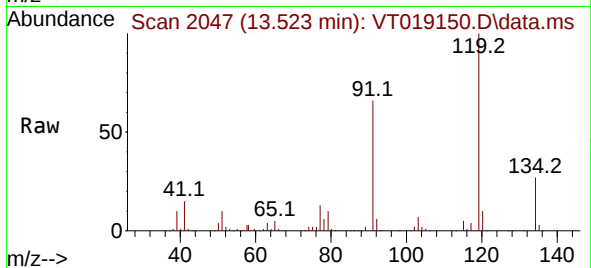
Tgt Ion:119 Resp: 386911

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 29.5 14.8 44.3



#84

1,2,4-Trimethylbenzene

Concen: 46.686 ug/l

RT: 13.576 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VT019150.D

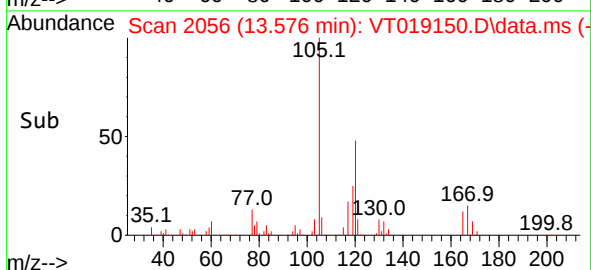
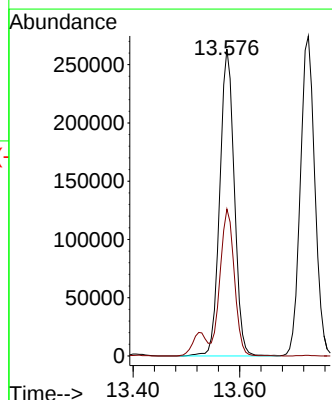
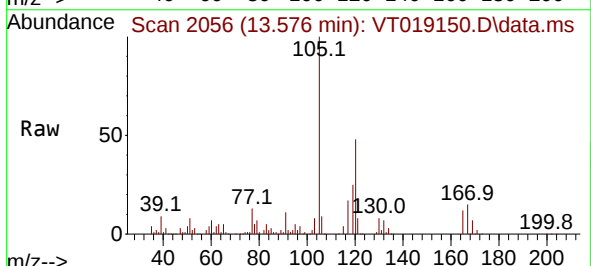
Acq: 3 Oct 2025 17:13

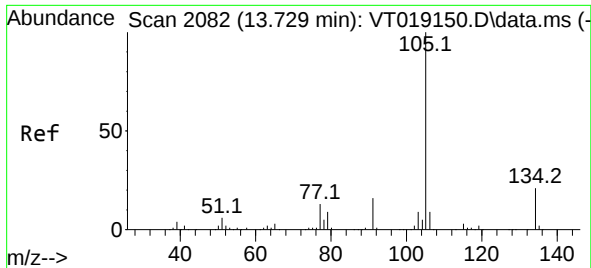
Tgt Ion:105 Resp: 496654

Ion Ratio Lower Upper

105 100

120 47.4 23.7 71.1

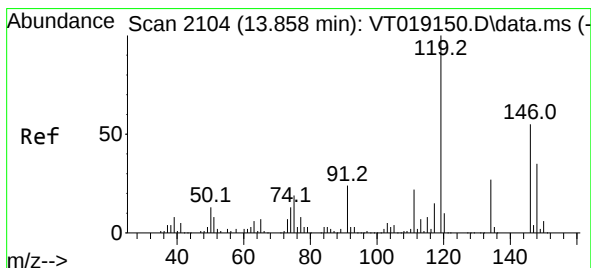
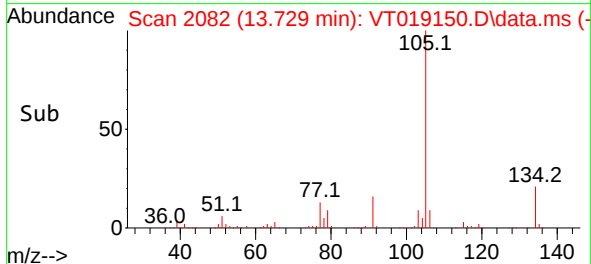
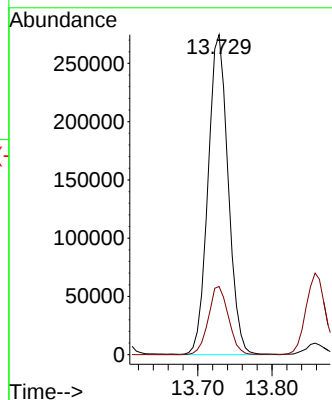
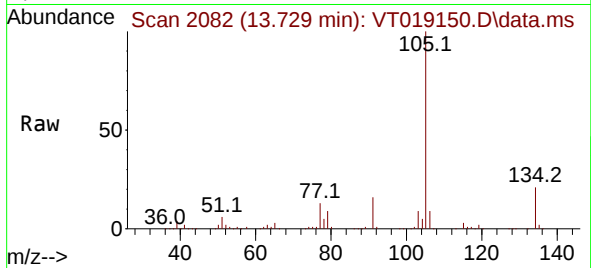




#85
 sec-Butylbenzene
 Concen: 45.795 ug/l
 RT: 13.729 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

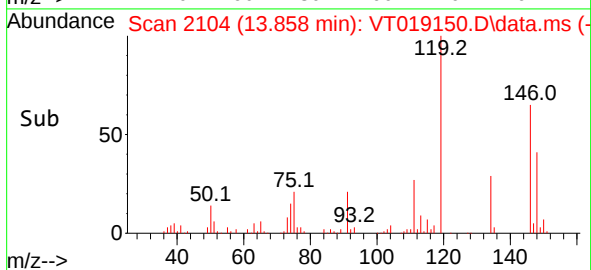
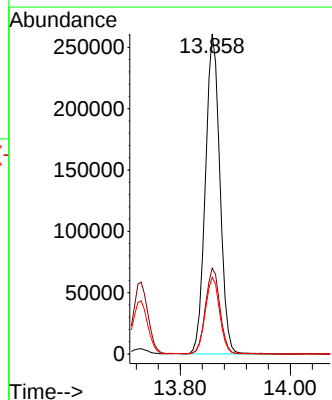
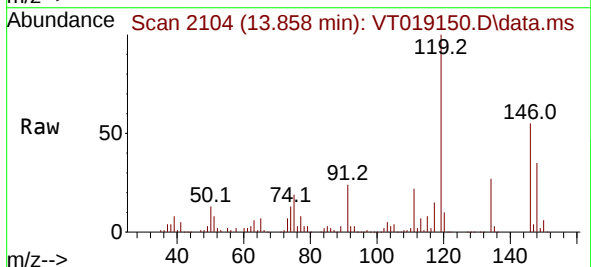
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

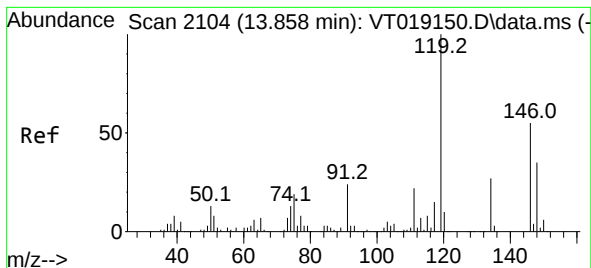
Tgt Ion:105 Resp: 517614
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 46.485 ug/l
 RT: 13.858 min Scan# 2104
 Delta R.T. 0.000 min
 Lab File: VT019150.D
 Acq: 3 Oct 2025 17:13

Tgt Ion:119 Resp: 476008
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 45.699 ug/l

RT: 13.858 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

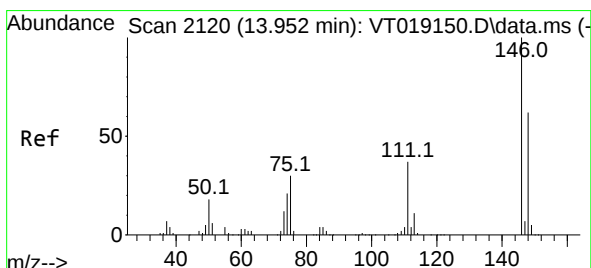
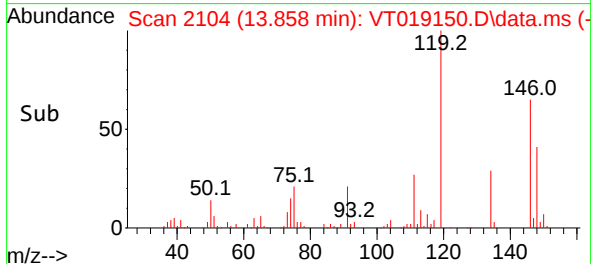
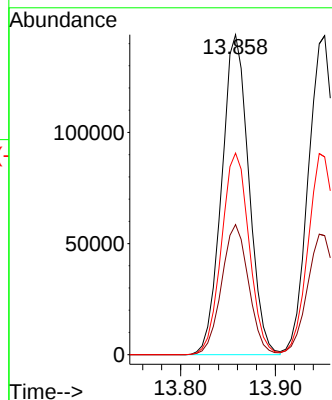
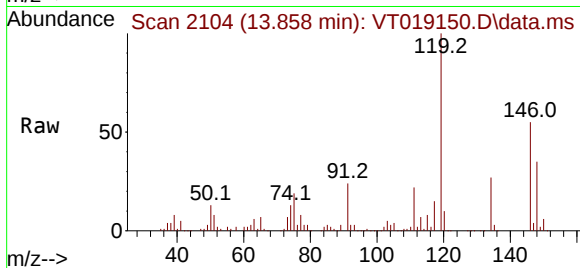
Tgt Ion:146 Resp: 285863

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 44.602 ug/l

RT: 13.952 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

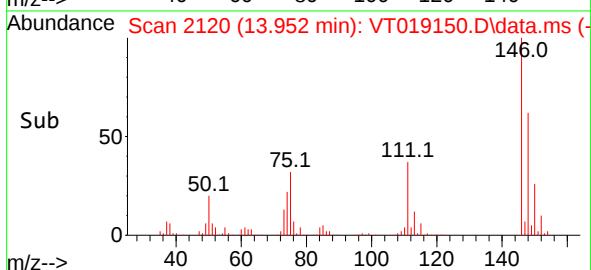
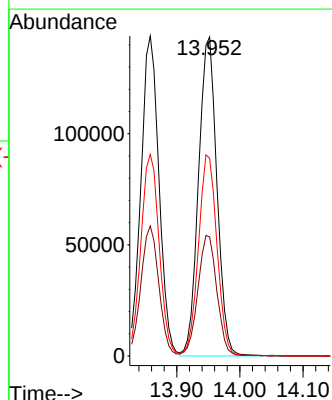
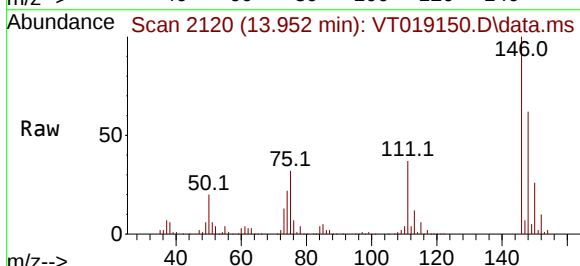
Tgt Ion:146 Resp: 289827

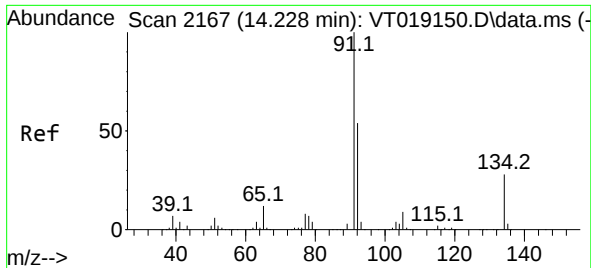
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 63.6 31.8 95.4

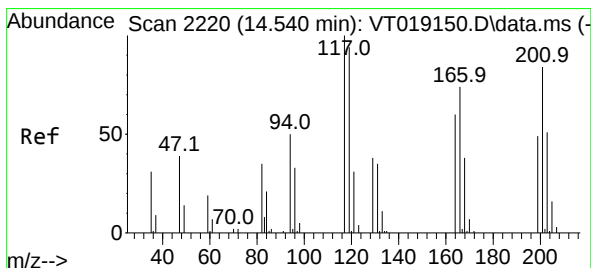
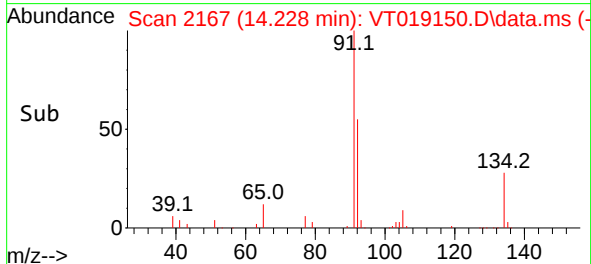
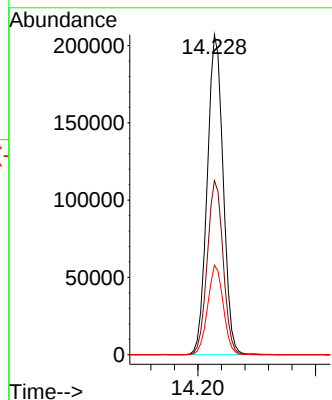
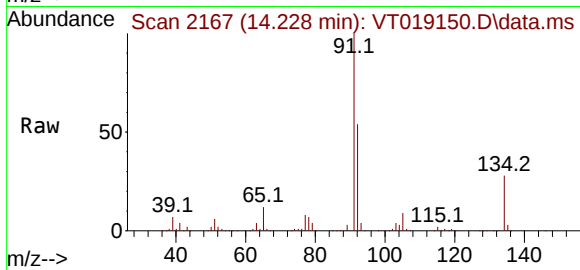




#89
n-Butylbenzene
Concen: 45.842 ug/l
RT: 14.228 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

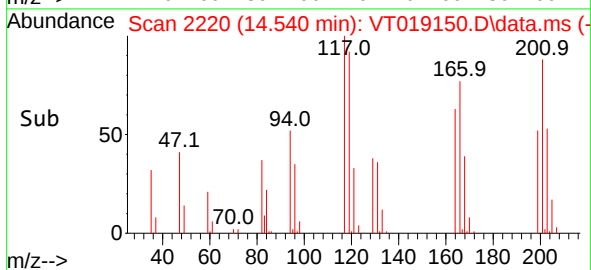
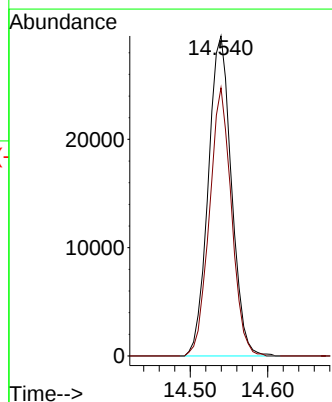
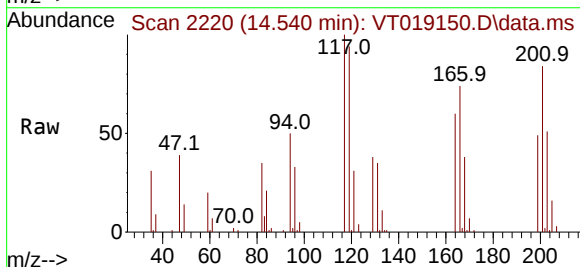
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

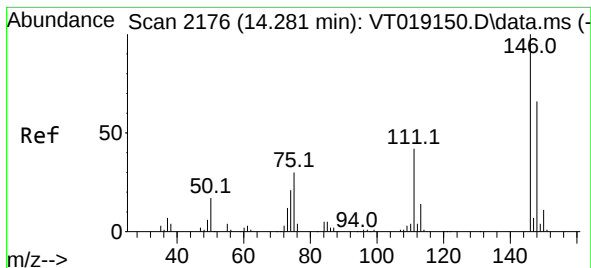
Tgt Ion: 91 Resp: 389209
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 44.766 ug/l
RT: 14.540 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion: 117 Resp: 61445
Ion Ratio Lower Upper
117 100
201 79.4 39.7 119.1





#91

1,2-Dichlorobenzene

Concen: 47.021 ug/l

RT: 14.281 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC050

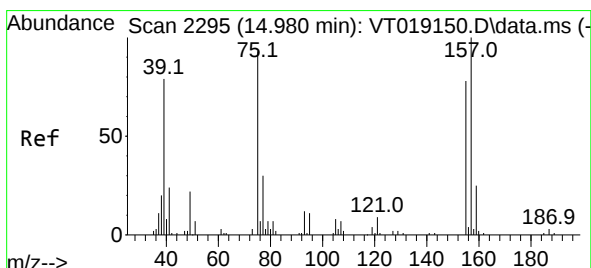
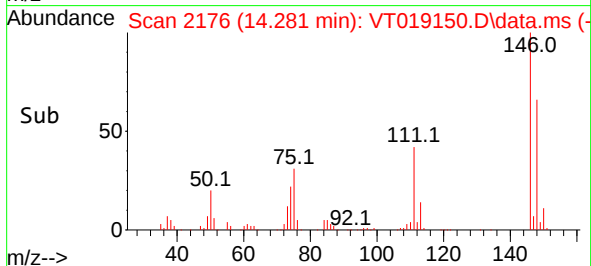
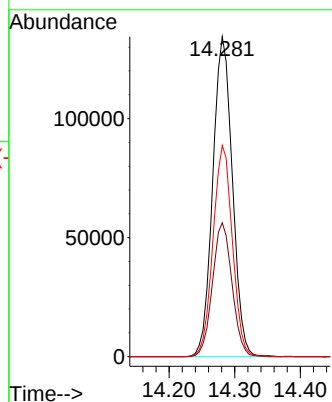
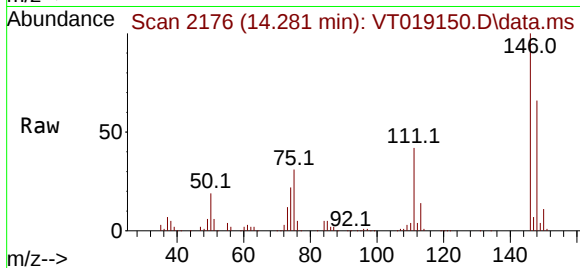
Tgt Ion:146 Resp: 278700

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 65.2 32.6 97.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.233 ug/l

RT: 14.980 min Scan# 2295

Delta R.T. 0.000 min

Lab File: VT019150.D

Acq: 3 Oct 2025 17:13

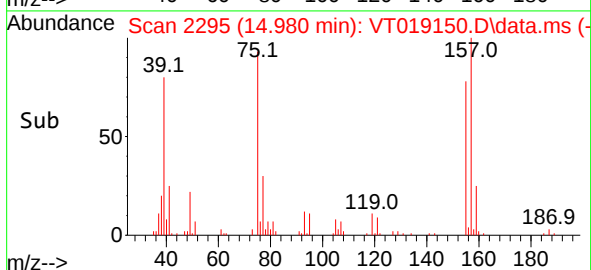
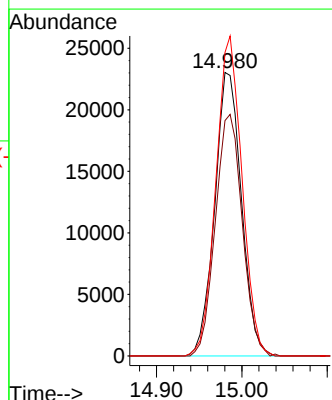
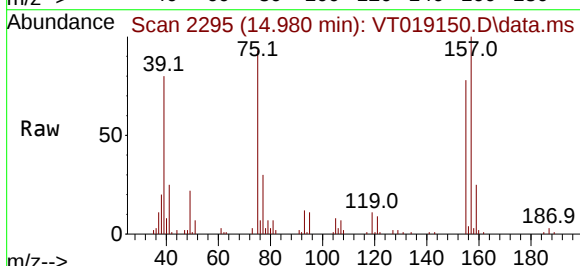
Tgt Ion: 75 Resp: 50231

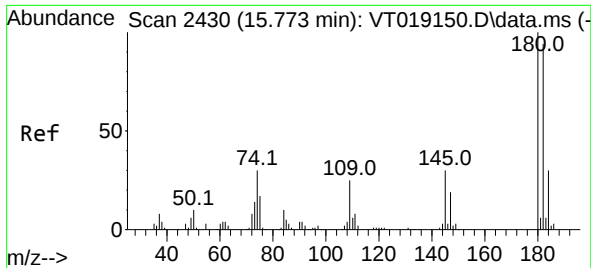
Ion Ratio Lower Upper

75 100

155 85.8 42.9 128.7

157 109.9 54.9 164.8

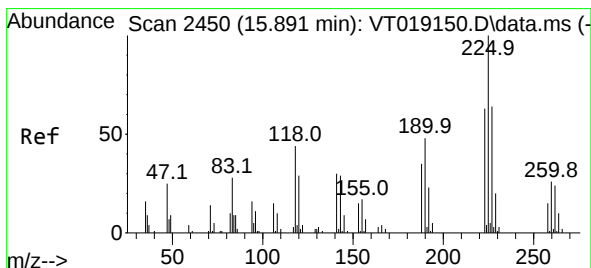
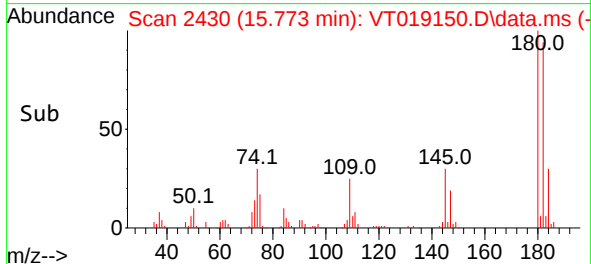
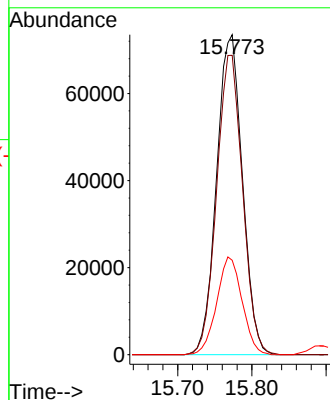
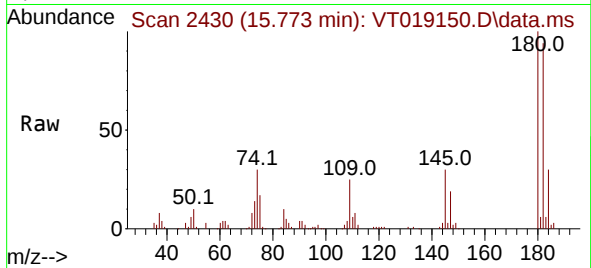




#93
1,2,4-Trichlorobenzene
Concen: 46.147 ug/l
RT: 15.773 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

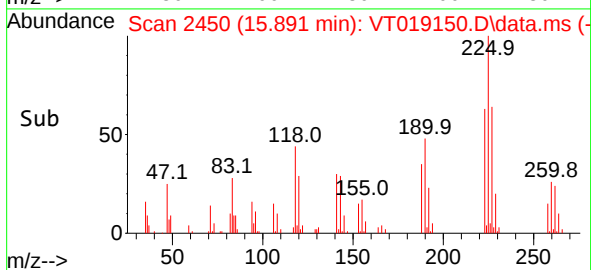
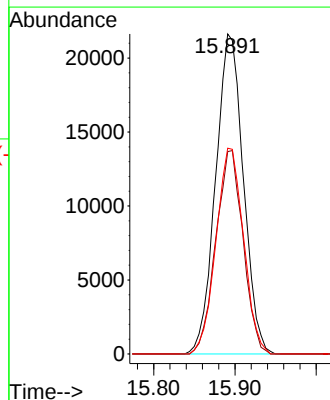
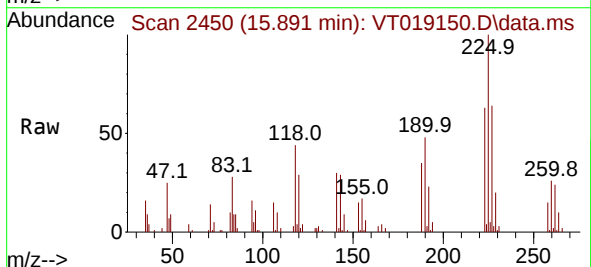
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

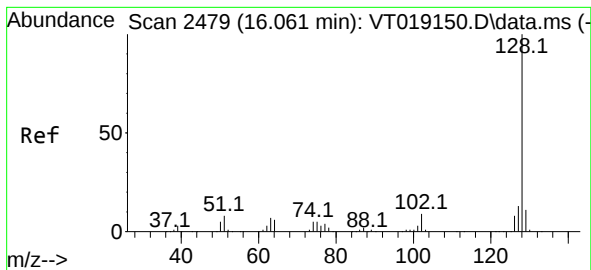
Tgt Ion:180 Resp: 177563
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.0
145 30.0 15.0 45.0



#94
Hexachlorobutadiene
Concen: 46.101 ug/l
RT: 15.891 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:225 Resp: 51243
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.5
227 63.9 31.9 95.9

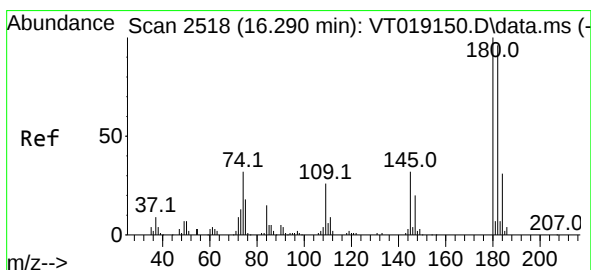
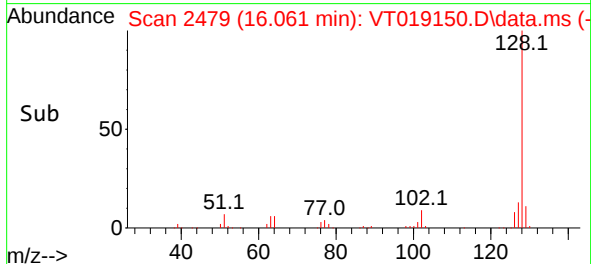
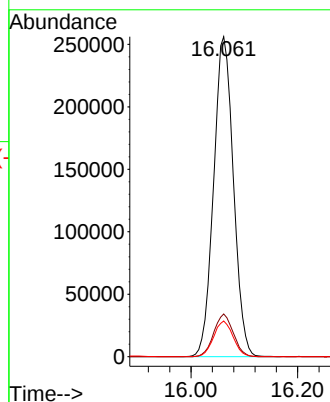
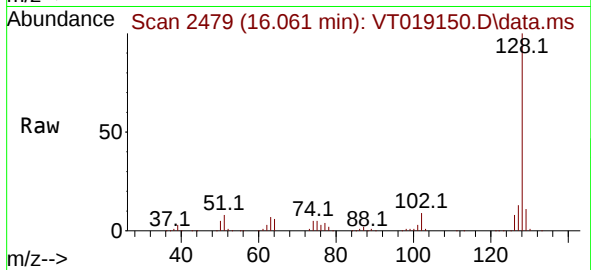




#95
Naphthalene
Concen: 47.786 ug/l
RT: 16.061 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 659740
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.790 ug/l
RT: 16.290 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VT019150.D
Acq: 3 Oct 2025 17:13

Tgt Ion:180 Resp: 180479
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 31.6 15.8 47.4

