

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019183.D
 Acq On : 27 Oct 2025 7:36
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 28 05:49:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.019	128	25817	30.000	ug/l	#-0.06
28) 1,4-Difluorobenzene	8.529	114	169980	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.708	117	138695	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	70305	31.083	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.600%
60) 4-Bromofluorobenzene	12.836	95	63445	29.106	ug/l	-0.05
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.033%
63) Toluene-d8	10.209	98	203637	30.166	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	13344	18.833	ug/l	99
3) Chloromethane	2.089	50	15498	9.529	ug/l	100
4) Vinyl Chloride	2.183	62	29847	16.421	ug/l	98
5) Bromomethane	2.530	94	25326	16.778	ug/l	96
6) Chloroethane	2.665	64	27165	16.946	ug/l	97
7) Trichlorofluoromethane	2.959	101	51833	17.584	ug/l	99
8) Diethyl Ether	3.323	74	31026	17.095	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.652	101	28991	25.051	ug/l	97
10) 1,1-Dichloroethene	3.629	96	28937	24.960	ug/l	95
11) Methyl Iodide	3.829	142	21393	18.936	ug/l #	8
12) Methyl Acetate	4.175	43	92297	20.132	ug/l	100
13) Acrolein	3.499	56	13890	89.834	ug/l	98
14) Acrylonitrile	4.786	53	127851	90.477	ug/l	99
15) Acetone	3.699	58	58861	116.914	ug/l	99
16) Carbon Disulfide	3.923	76	39154	18.083	ug/l	98
17) Allyl chloride	4.175	41	49544	17.978	ug/l	98
18) Methylene Chloride	4.381	84	33296	19.256	ug/l	97
19) trans-1,2-Dichloroethene	6.631	96	34889	19.560	ug/l	97
20) Diisopropyl ether	5.750	45	137222	19.560	ug/l #	65
21) 1,1-Dichloroethane	5.644	63	62270	18.996	ug/l	98
22) cis-1,2-Dichloroethene	6.631	96	34889	19.560	ug/l	97
23) tert-Butyl Alcohol	4.610	59	53476	86.379	ug/l #	100
24) Methyl tert-Butyl Ether	4.851	73	133213	19.122	ug/l	96
25) Chloroform	7.213	83	57423	19.150	ug/l	93
26) Cyclohexane	7.513	56	36852	19.157	ug/l #	99
29) 1,1-Dichloropropene	7.665	75	31843	17.903	ug/l	97
30) 2-Butanone	6.643	43	188438	85.952	ug/l	98
31) 2,2-Dichloropropane	6.631	77	50113	19.243	ug/l	93
32) 1,1,1-Trichloroethane	7.507	97	242	0.108	ug/l #	1
33) Carbon Tetrachloride	7.730	117	63	0.044	ug/l #	3
34) Benzene	8.024	78	337	0.051	ug/l #	1
35) Methacrylonitrile	6.990	41	33934	18.185	ug/l	96
36) 1,2-Dichloroethane	8.018	62	45790	18.744	ug/l	99
37) Trichloroethene	8.799	130	22624	18.662	ug/l	90
38) Methylcyclohexane	9.070	83	33877	18.913	ug/l	99
39) 1,2-Dichloropropane	9.181	63	139	0.081	ug/l #	51
40) Dibromomethane	9.216	93	19677	18.491	ug/l #	73
41) Bromodichloromethane	10.815	83	656	0.480	ug/l #	28
42) Vinyl Acetate	5.685	43	484222	90.022	ug/l	99

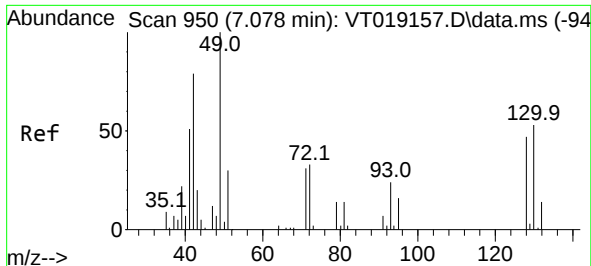
Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019183.D
 Acq On : 27 Oct 2025 7:36
 Operator : SY/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDC0020

Quant Time: Oct 28 05:49:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.737	43	64877	18.002	ug/l	96
44) Isopropyl Acetate	8.071	43	104019	18.339	ug/l	98
45) 1,4-Dioxane	9.281	88	54	1.097	ug/l #	1
46) Methyl methacrylate	9.211	41	46024	18.147	ug/l	82
47) n-amyl Acetate	12.454	43	68435	17.929	ug/l	99
48) t-1,3-Dichloropropene	10.538	75	46636	18.803	ug/l	96
49) cis-1,3-Dichloropropene	9.922	75	49073	18.835	ug/l	96
50) 1,1,2-Trichloroethane	10.797	97	266	0.170	ug/l #	76
51) Ethyl methacrylate	10.591	69	54131	18.454	ug/l	95
52) 1,3-Dichloropropane	10.903	76	50878	18.200	ug/l	100
53) Dibromochloromethane	11.126	129	28126	19.264	ug/l #	2
54) 1,2-Dibromoethane	11.249	107	26224	18.014	ug/l	98
55) 2-Chloroethyl vinyl ether	9.763	63	77048	90.062	ug/l	98
56) Bromoform	12.530	173	19406	20.219	ug/l #	20
58) 4-Methyl-2-Pentanone	10.086	43	299561	88.195	ug/l	98
59) 2-Hexanone	10.597	43	2849	0.839	ug/l	89
61) Tetrachloroethene	10.820	164	17071	19.473	ug/l	96
62) Toluene	10.280	91	116279	18.718	ug/l	99
64) Chlorobenzene	11.737	112	69908	18.424	ug/l	92
65) 1,1,1,2-Tetrachloroethane	11.819	131	24053	19.460	ug/l	92
66) Ethyl Benzene	11.819	91	126861	18.790	ug/l	97
67) m/p-Xylenes	11.949	106	93020	37.063	ug/l	99
68) o-Xylene	12.319	106	46893	18.101	ug/l	97
69) Styrene	12.336	104	85192	18.317	ug/l	97
70) Isopropylbenzene	12.665	105	119861	18.863	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.953	83	45899	18.410	ug/l	96
72) 1,2,3-Trichloropropane	13.012	75	62659	34.047	ug/l #	1
73) Bromobenzene	12.983	156	28271	18.920	ug/l	62
74) n-propylbenzene	13.153	91	87458	11.414	ug/l	54
75) 2-Chlorotoluene	13.259	91	87225	18.596	ug/l	96
76) 1,3,5-Trimethylbenzene	13.212	105	100894	19.354	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	17746	19.845	ug/l	87
78) 4-Chlorotoluene	13.212	91	11501	2.486	ug/l	49
79) tert-butylbenzene	13.511	119	88132	19.035	ug/l	96
80) 1,2,4-Trimethylbenzene	13.559	105	101160	18.599	ug/l	98
81) sec-Butylbenzene	13.711	105	125161	18.761	ug/l	99
82) p-Isopropyltoluene	13.841	119	104495	18.828	ug/l	97
83) 1,3-Dichlorobenzene	13.935	146	56828	19.392	ug/l	97
84) 1,4-Dichlorobenzene	13.935	146	56828	19.261	ug/l	98
85) n-Butylbenzene	14.211	91	93823	18.471	ug/l	97
86) Hexachloroethane	14.522	117	16078	21.617	ug/l #	1
87) 1,2-Dichlorobenzene	14.269	146	55556	18.977	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.969	75	10122	18.479	ug/l	99
89) 1,2,4-Trichlorobenzene	15.750	180	33296	18.683	ug/l	97
90) Hexachlorobutadiene	15.868	225	11610	19.648	ug/l	82
91) Naphthalene	16.044	128	121262	17.604	ug/l	98
92) 1,2,3-Trichlorobenzene	16.273	180	33694	18.731	ug/l	98

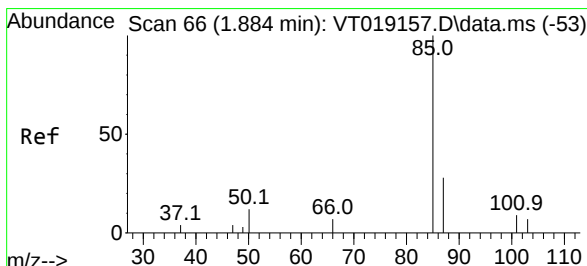
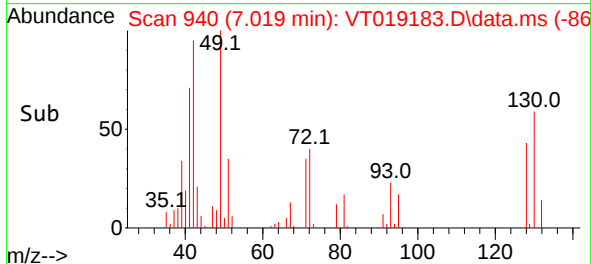
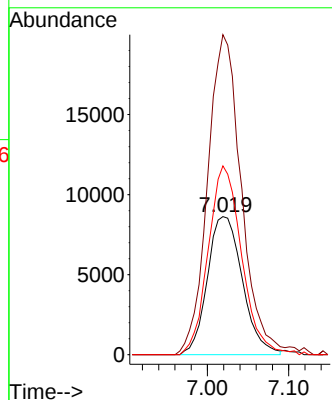
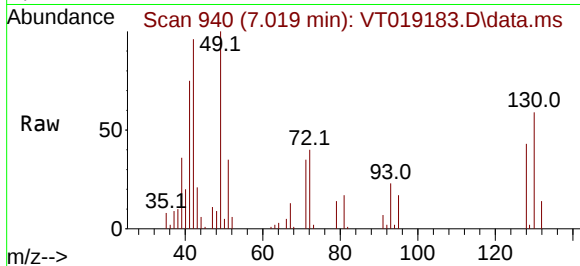
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.019 min Scan# 94
Delta R.T. -0.059 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

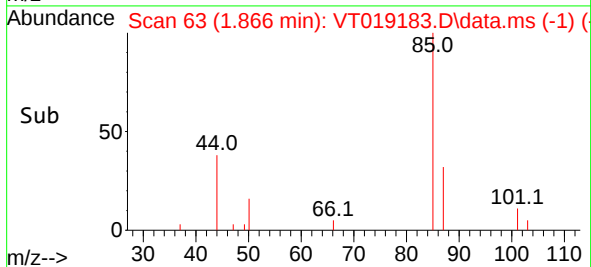
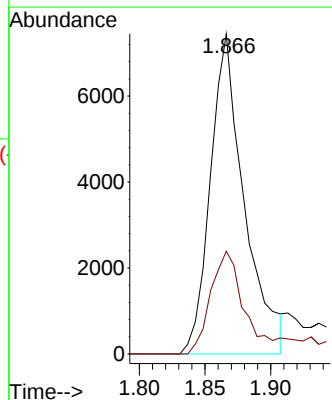
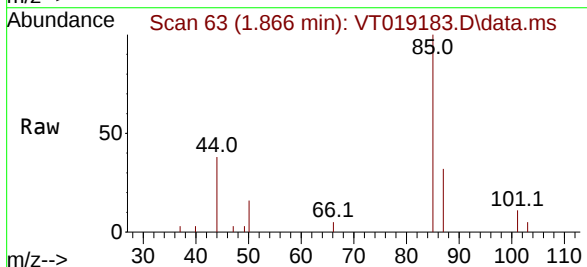
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

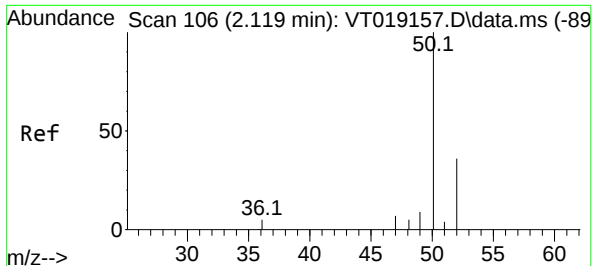
Tgt Ion:128 Resp: 25817
Ion Ratio Lower Upper
128 100
49 222.3 0.0 0.0#
130 130.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 18.833 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 85 Resp: 13344
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.1

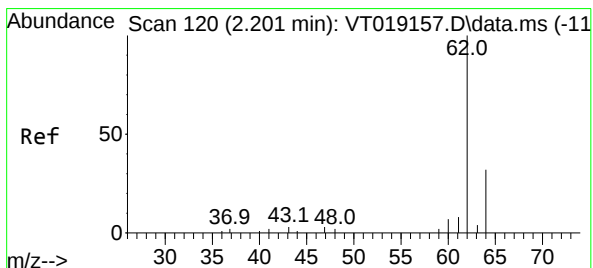
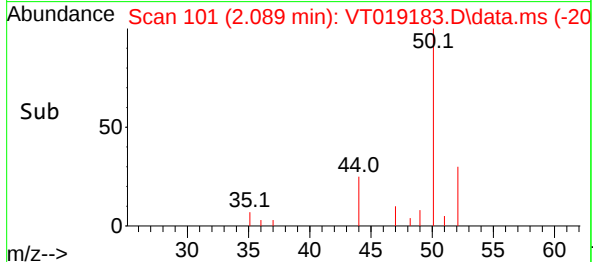
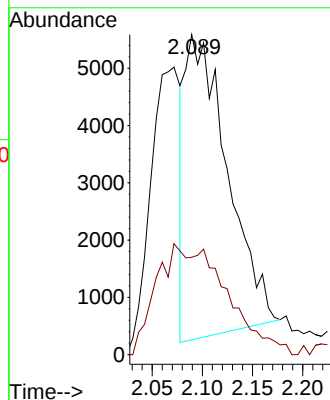
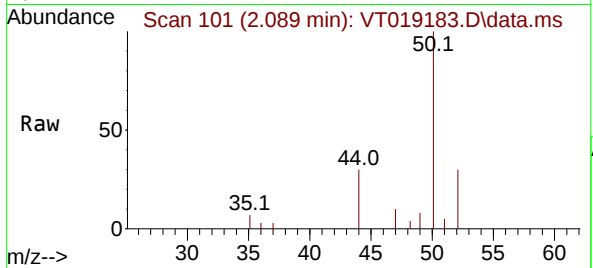




#3
Chloromethane
Concen: 9.529 ug/l
RT: 2.089 min Scan# 117
Delta R.T. -0.024 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

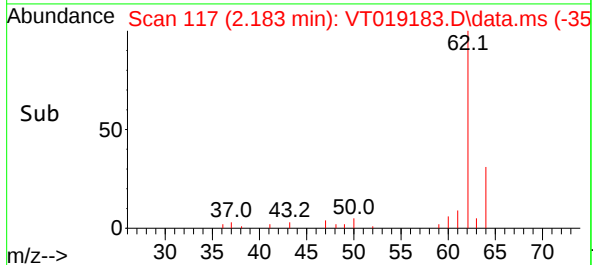
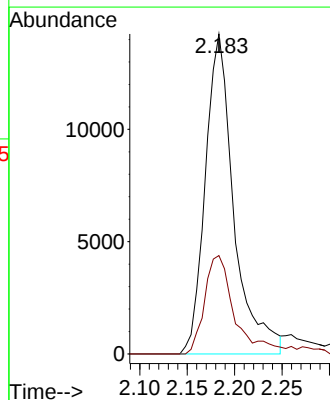
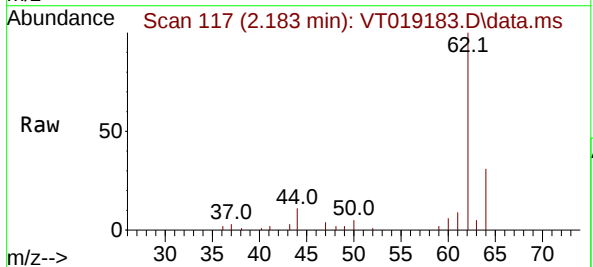
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

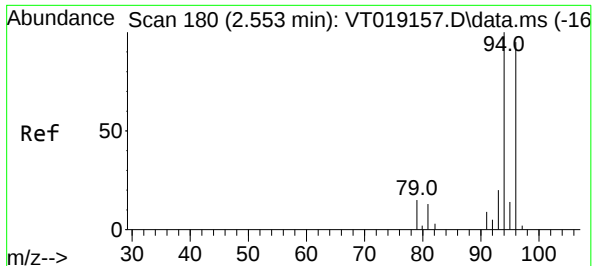
Tgt Ion: 50 Resp: 15498
Ion Ratio Lower Upper
50 100
52 30.8 24.4 36.6



#4
Vinyl Chloride
Concen: 16.421 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 62 Resp: 29847
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5

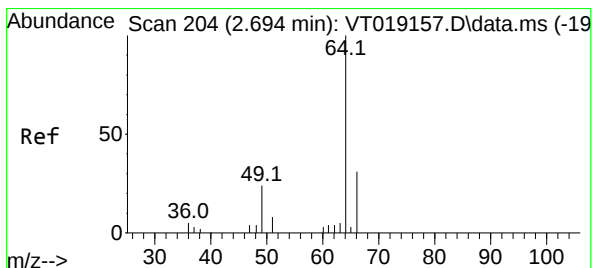
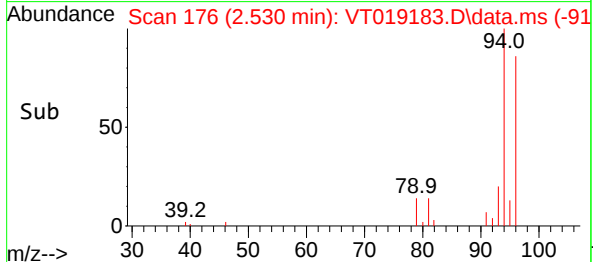
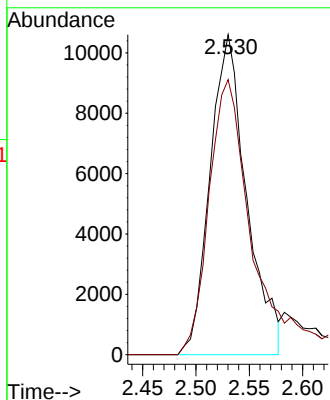
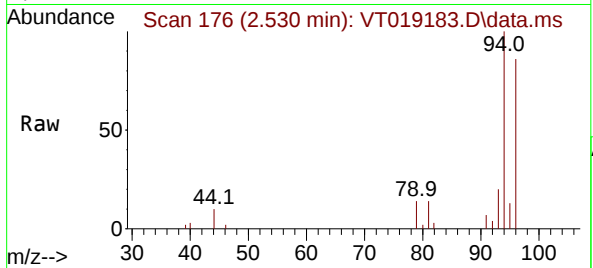




#5
Bromomethane
Concen: 16.778 ug/l
RT: 2.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

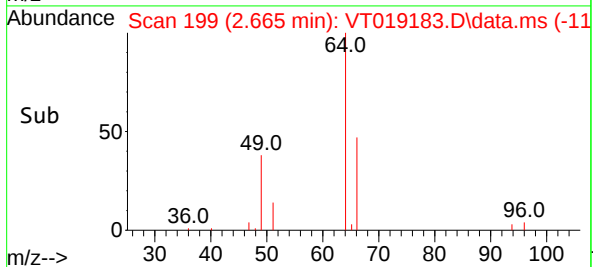
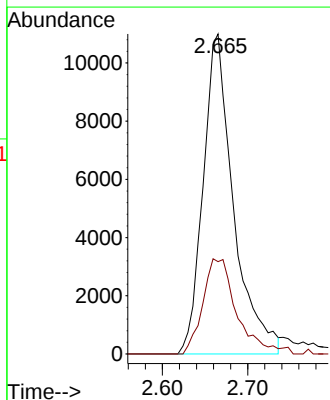
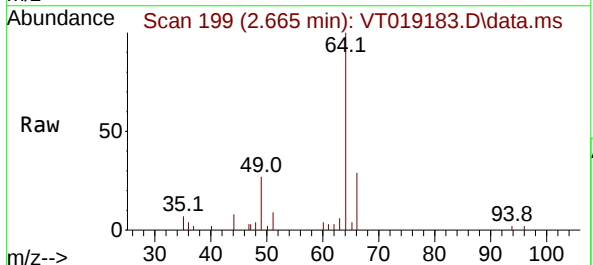
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

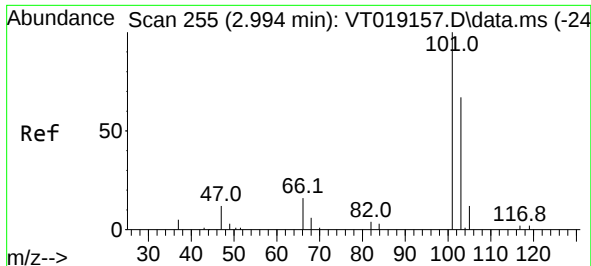
Tgt Ion: 94 Resp: 25326
Ion Ratio Lower Upper
94 100
96 85.9 66.0 99.0



#6
Chloroethane
Concen: 16.946 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 64 Resp: 27165
Ion Ratio Lower Upper
64 100
66 28.8 24.3 36.5

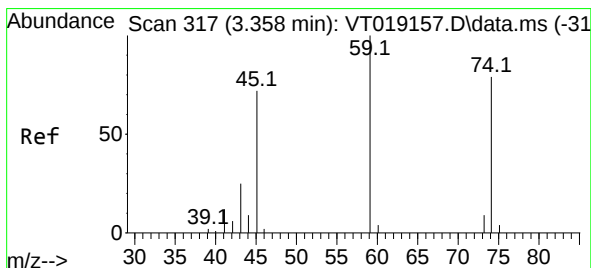
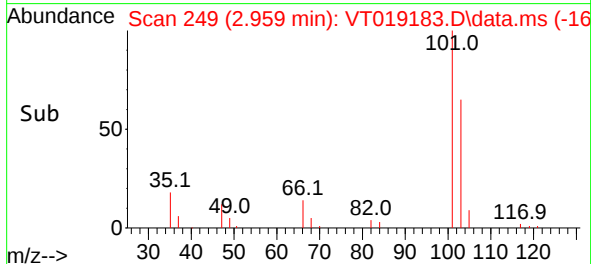
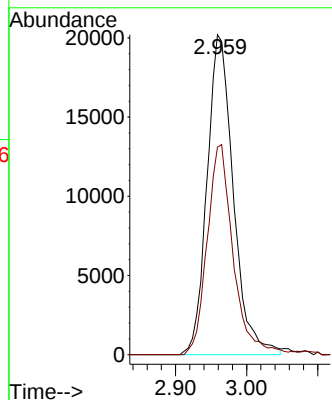
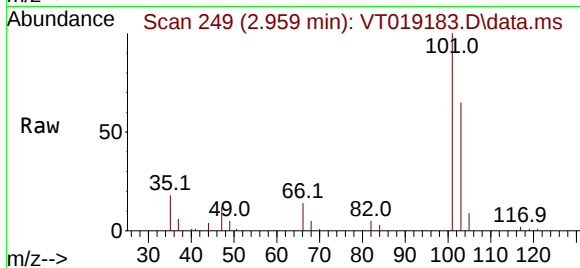




#7
 Trichlorofluoromethane
 Concen: 17.584 ug/l
 RT: 2.959 min Scan# 249
 Delta R.T. -0.023 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

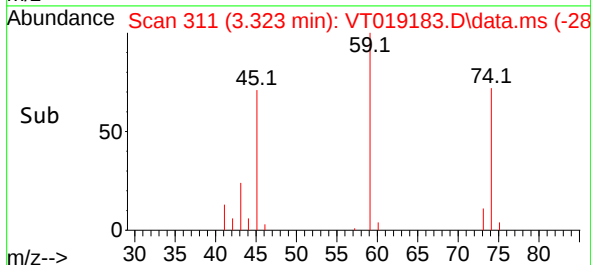
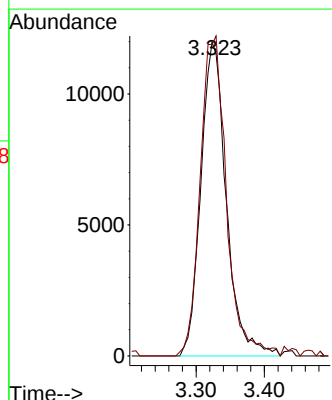
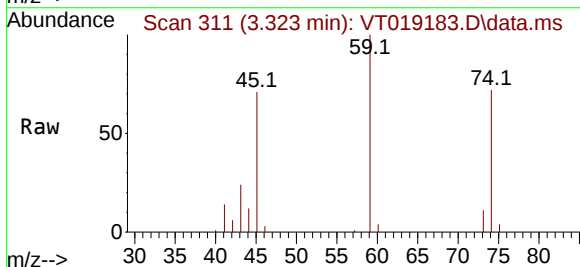
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

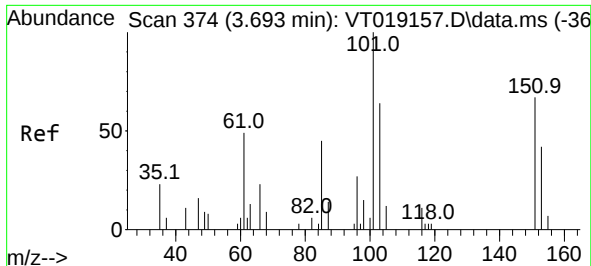
Tgt Ion:101 Resp: 51833
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.4 78.6



#8
 Diethyl Ether
 Concen: 17.095 ug/l
 RT: 3.323 min Scan# 311
 Delta R.T. -0.035 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Tgt Ion: 74 Resp: 31026
 Ion Ratio Lower Upper
 74 100
 45 104.3 22.0 197.6

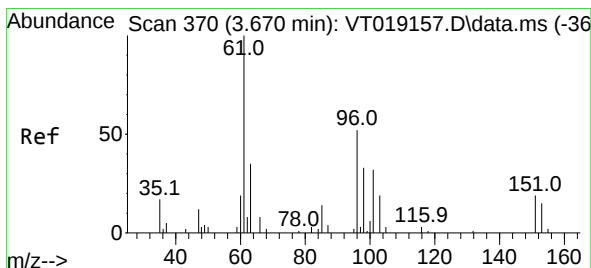
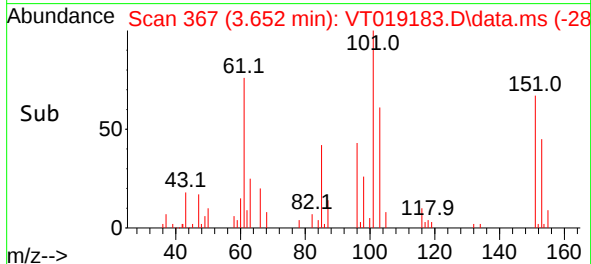
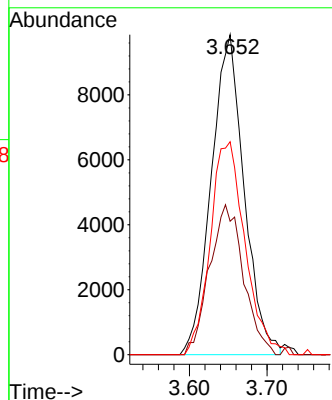
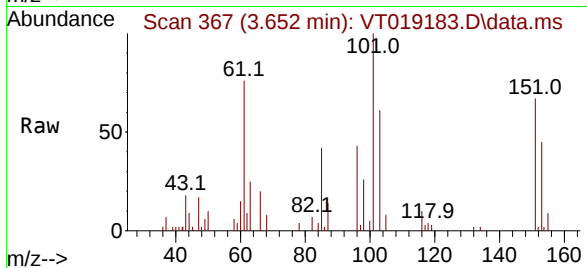




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 25.051 ug/l
 RT: 3.652 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

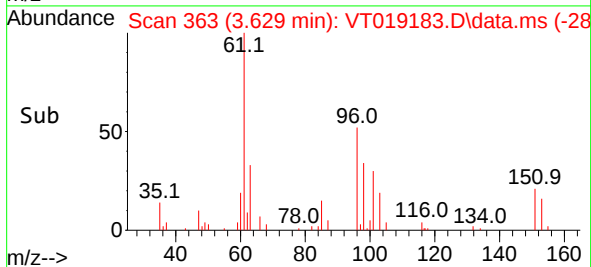
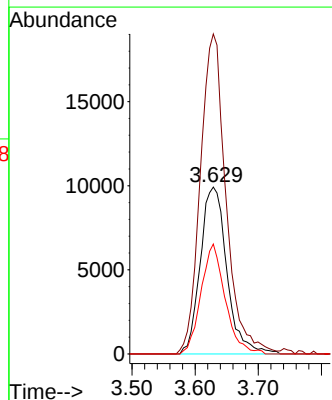
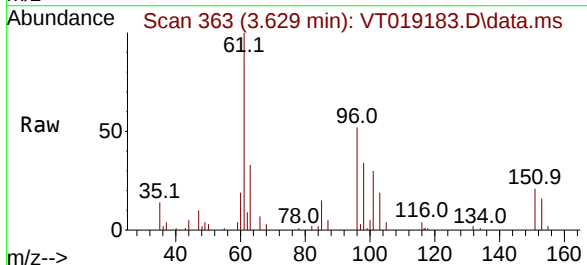
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

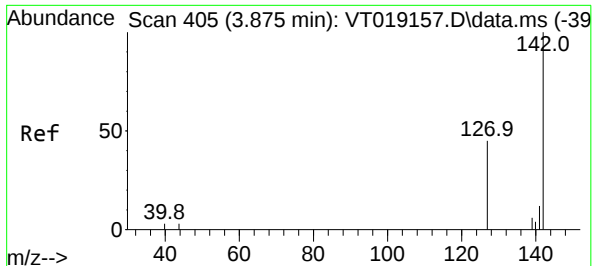
Tgt Ion:101 Resp: 28991
 Ion Ratio Lower Upper
 101 100
 85 48.6 0.0 91.8
 151 70.4 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 24.960 ug/l
 RT: 3.629 min Scan# 363
 Delta R.T. -0.041 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Tgt Ion: 96 Resp: 28937
 Ion Ratio Lower Upper
 96 100
 61 189.9 145.5 218.3
 98 65.8 49.5 74.3

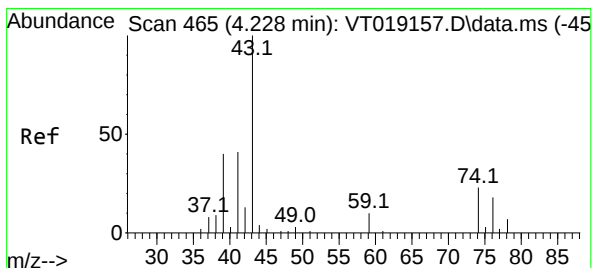
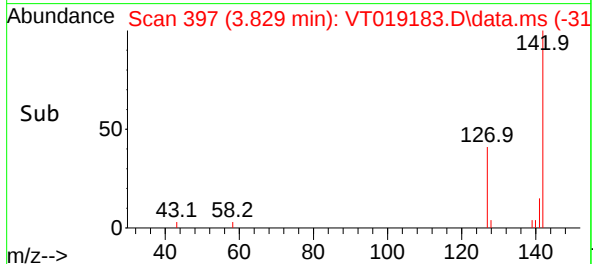
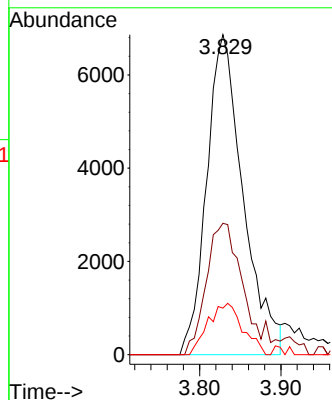
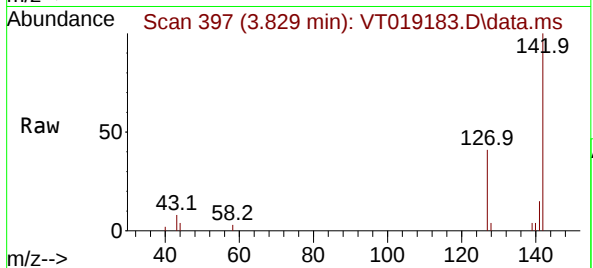




#11
Methyl Iodide
Concen: 18.936 ug/l
RT: 3.829 min Scan# 397
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

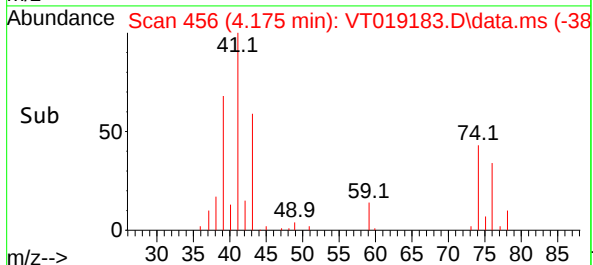
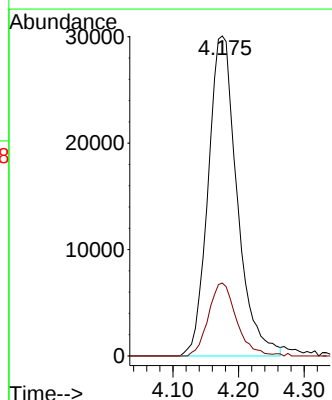
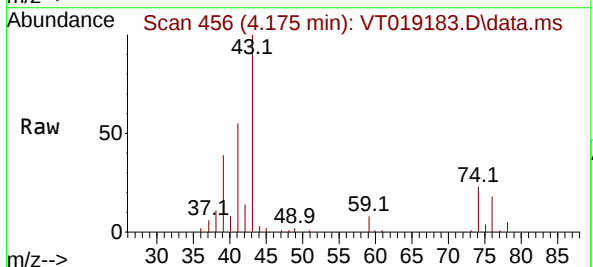
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

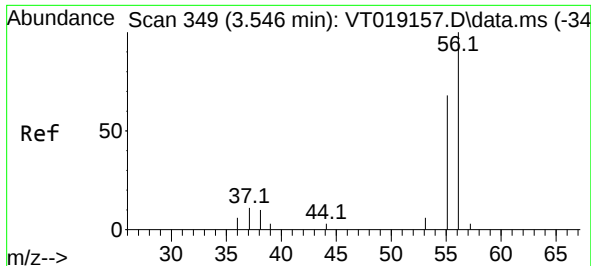
Tgt Ion:142 Resp: 21393
Ion Ratio Lower Upper
142 100
127 40.8 0.9 2.8#
141 14.0 55.5 166.5#



#12
Methyl Acetate
Concen: 20.132 ug/l
RT: 4.175 min Scan# 456
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 43 Resp: 92297
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6





#13

Acrolein

Concen: 89.834 ug/l

RT: 3.499 min Scan# 34

Delta R.T. -0.046 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

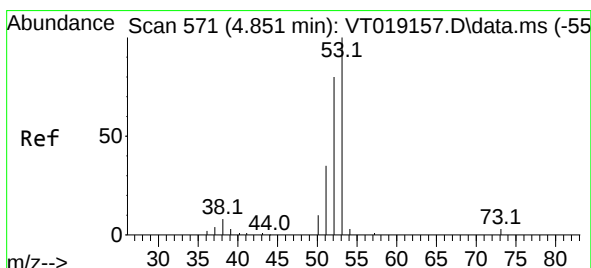
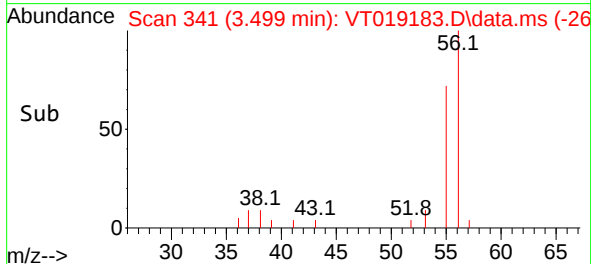
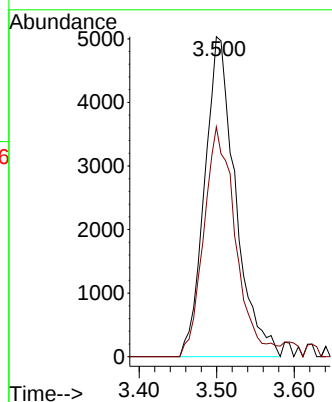
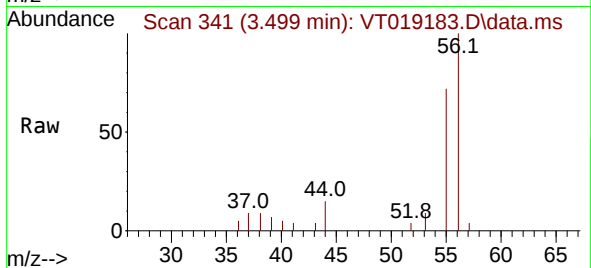
VSTDCCC020

Tgt Ion: 56 Resp: 13890

Ion Ratio Lower Upper

56 100

55 72.8 56.8 85.2



#14

Acrylonitrile

Concen: 90.477 ug/l

RT: 4.786 min Scan# 560

Delta R.T. -0.065 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

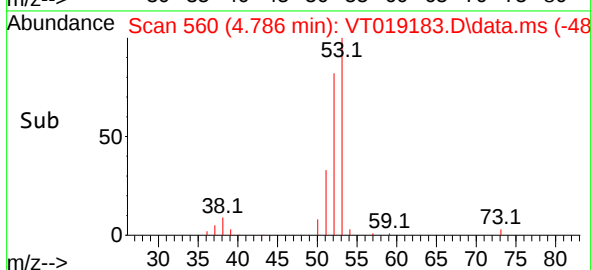
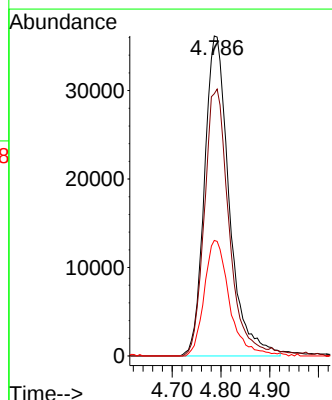
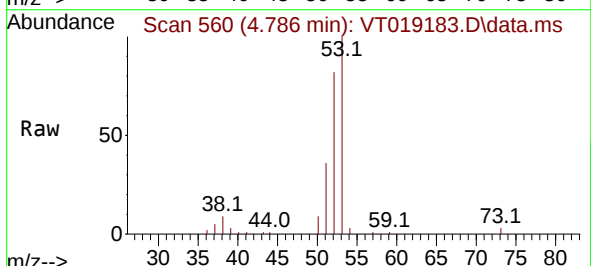
Tgt Ion: 53 Resp: 127851

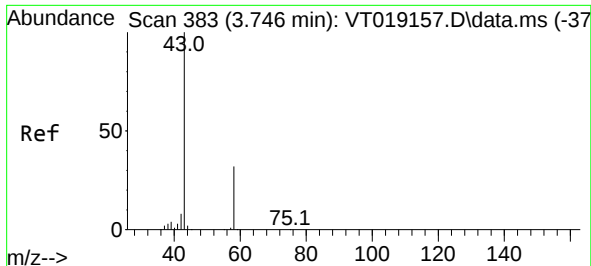
Ion Ratio Lower Upper

53 100

52 82.2 41.3 123.7

51 36.7 17.2 51.5

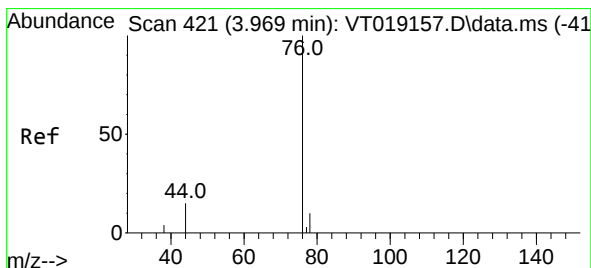
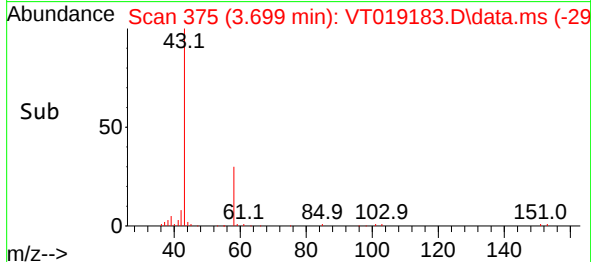
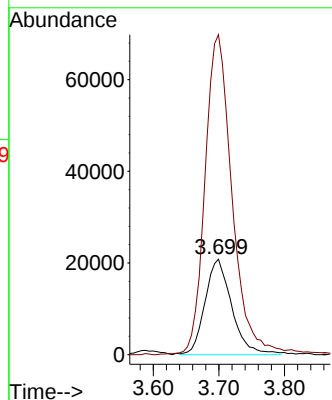
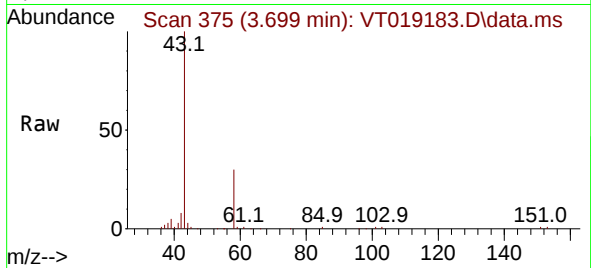




#15
Acetone
Concen: 116.914 ug/l
RT: 3.699 min Scan# 31
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

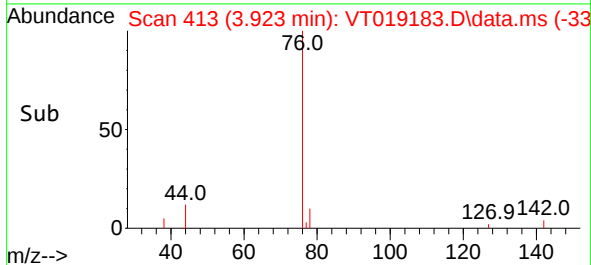
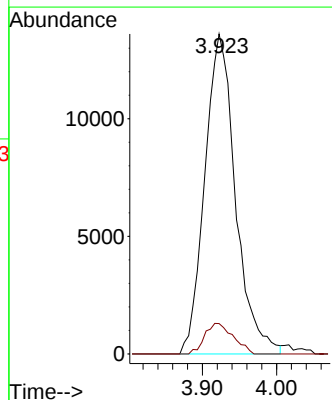
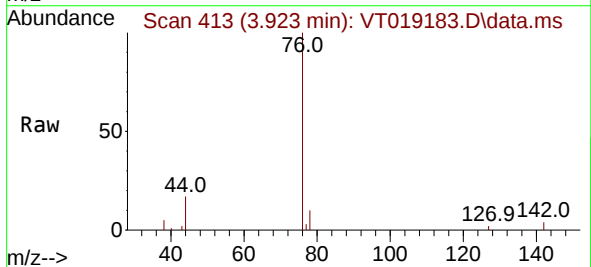
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

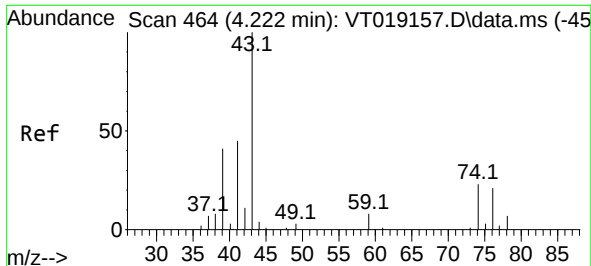
Tgt Ion: 58 Resp: 58861
Ion Ratio Lower Upper
58 100
43 336.3 266.9 400.3



#16
Carbon Disulfide
Concen: 18.083 ug/l
RT: 3.923 min Scan# 413
Delta R.T. -0.041 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 76 Resp: 39154
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7





#17

Allyl chloride

Concen: 17.978 ug/l

RT: 4.175 min Scan# 41

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

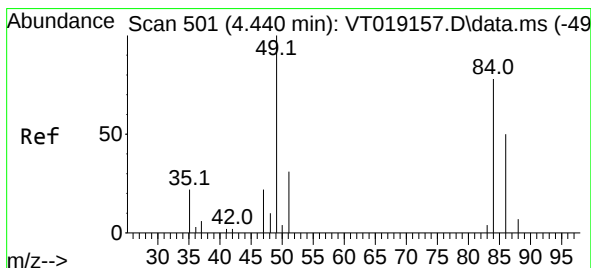
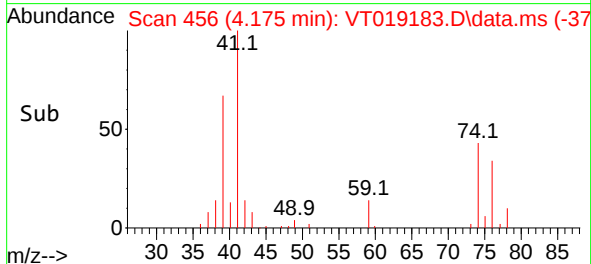
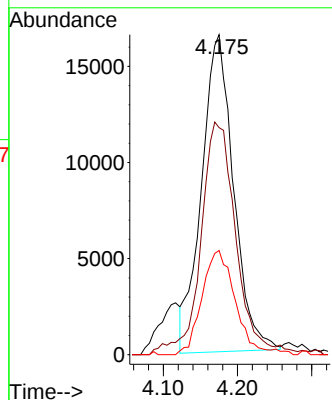
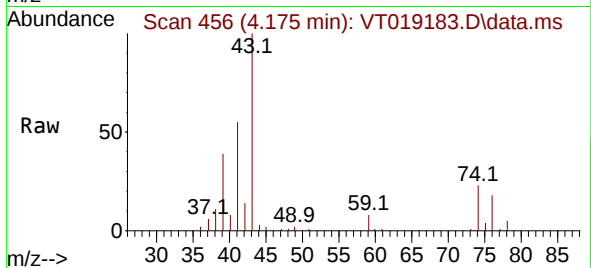
Tgt Ion: 41 Resp: 49544

Ion Ratio Lower Upper

41 100

39 69.6 34.3 102.8

76 32.3 16.7 50.0



#18

Methylene Chloride

Concen: 19.256 ug/l

RT: 4.381 min Scan# 491

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Tgt Ion: 84 Resp: 33296

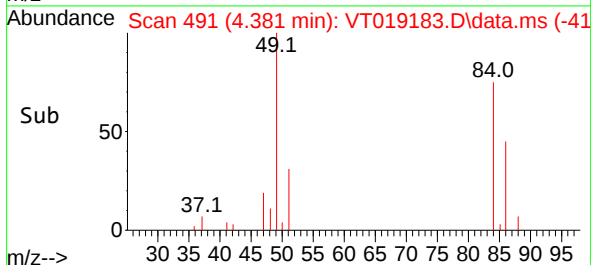
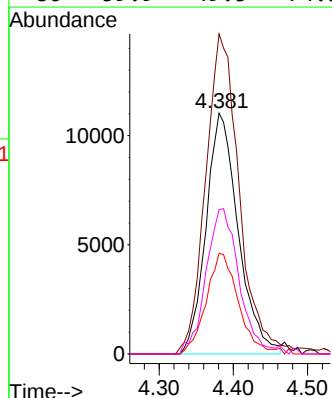
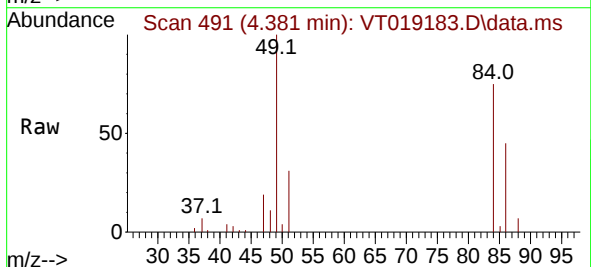
Ion Ratio Lower Upper

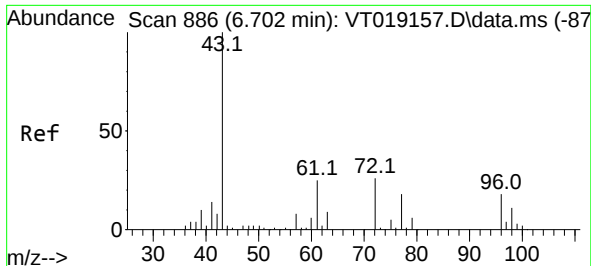
84 100

49 130.3 107.9 161.9

51 41.8 33.4 50.2

86 59.9 49.5 74.3

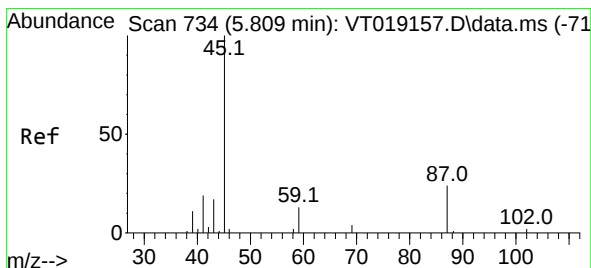
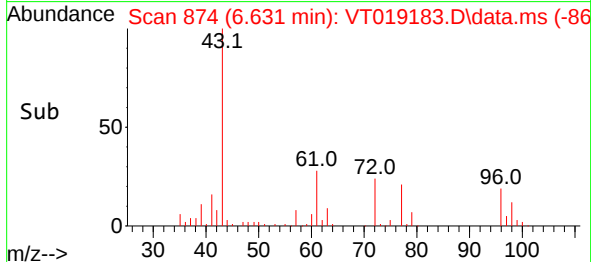
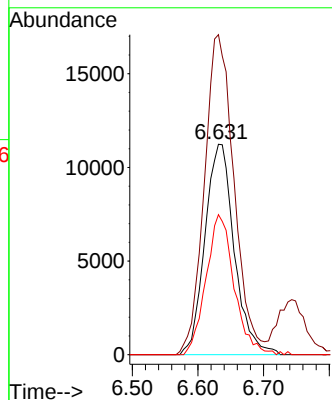
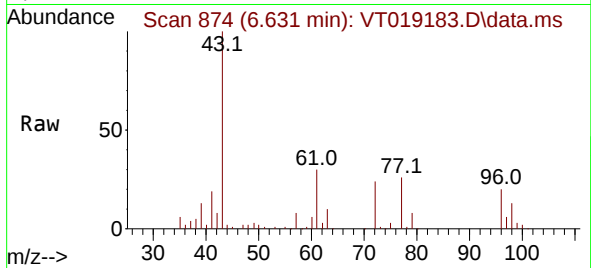




#19
trans-1,2-Dichloroethene
Concen: 19.560 ug/l
RT: 6.631 min Scan# 81
Delta R.T. -0.059 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

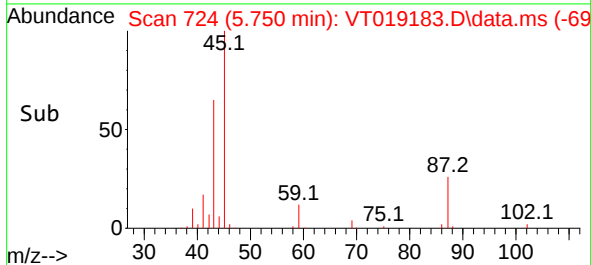
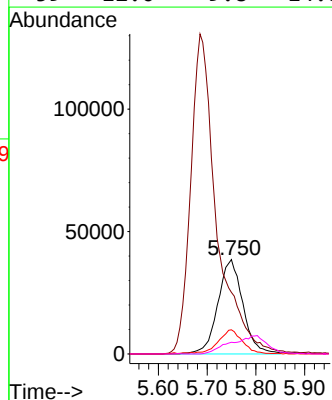
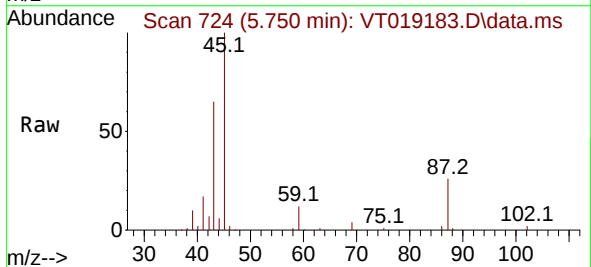
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

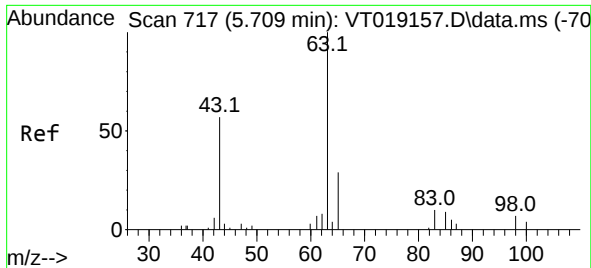
Tgt Ion: 96 Resp: 34889
Ion Ratio Lower Upper
96 100
61 150.5 122.3 183.5
98 66.5 50.2 75.2



#20
Diisopropyl ether
Concen: 19.560 ug/l
RT: 5.750 min Scan# 724
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 45 Resp: 137222
Ion Ratio Lower Upper
45 100
43 61.8 89.1 133.7#
87 25.1 21.3 31.9
59 12.0 9.8 14.8

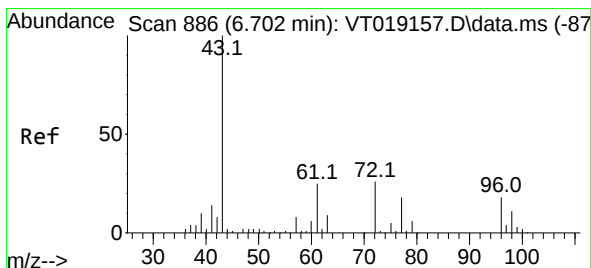
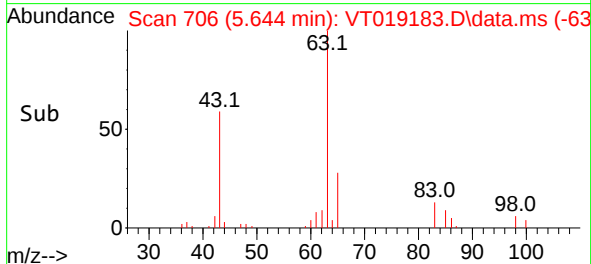
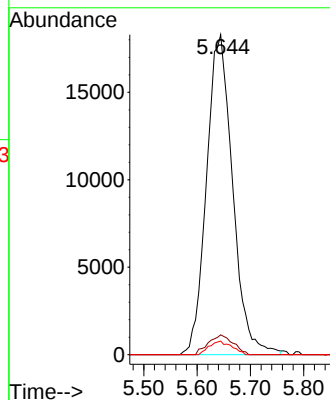
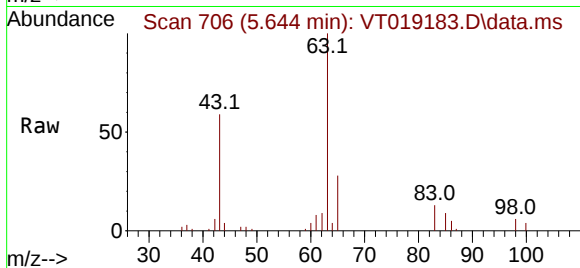




#21
 1,1-Dichloroethane
 Concen: 18.996 ug/l
 RT: 5.644 min Scan# 706
 Delta R.T. -0.065 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

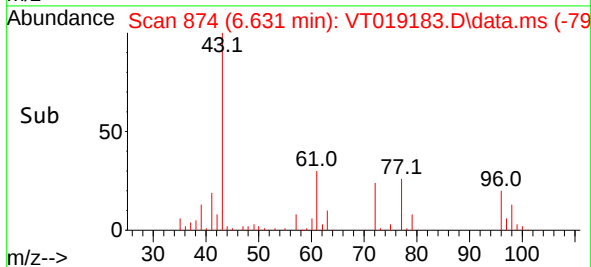
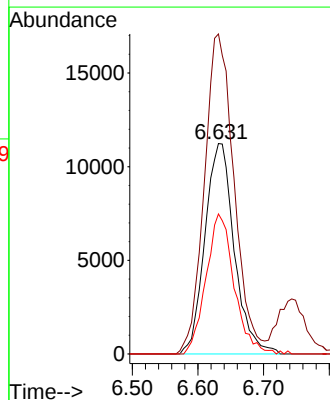
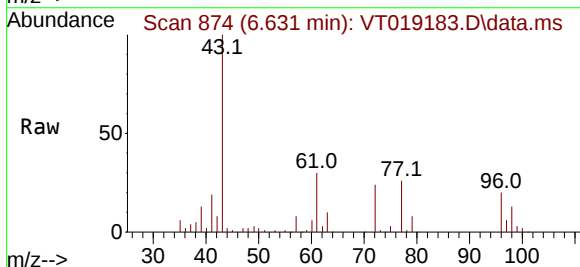
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

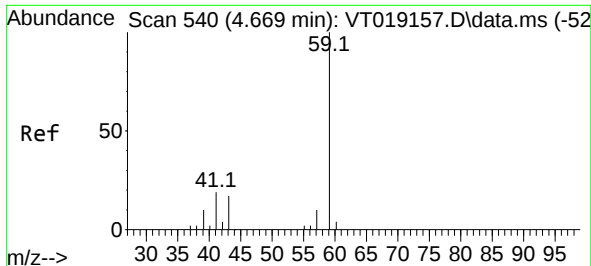
Tgt Ion:	63	Resp:	62270
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.5	10.5
100	4.2	2.2	6.6



#22
 cis-1,2-Dichloroethene
 Concen: 19.560 ug/l
 RT: 6.631 min Scan# 874
 Delta R.T. -0.059 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Tgt Ion:	96	Resp:	34889
Ion	Ratio	Lower	Upper
96	100		
61	153.9	120.0	180.0
98	63.4	52.8	79.2

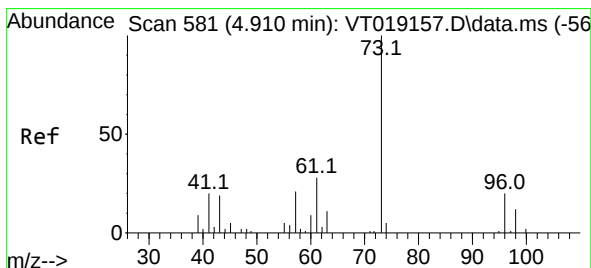
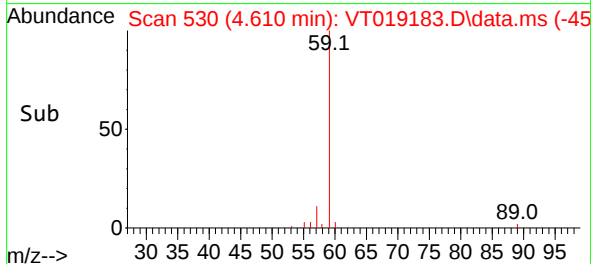
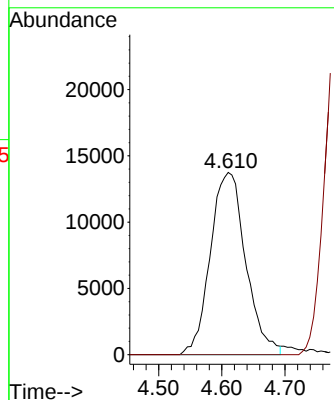
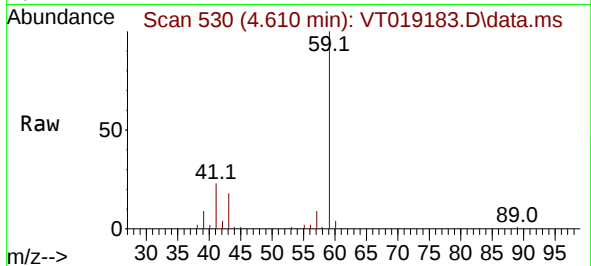




#23
tert-Butyl Alcohol
Concen: 86.379 ug/l
RT: 4.610 min Scan# 51
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

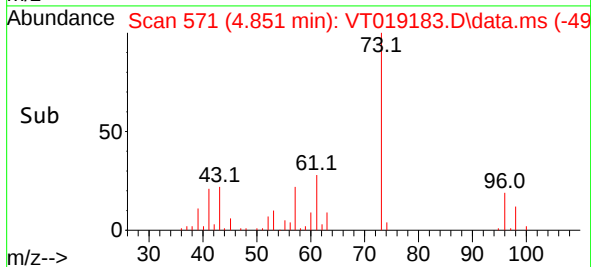
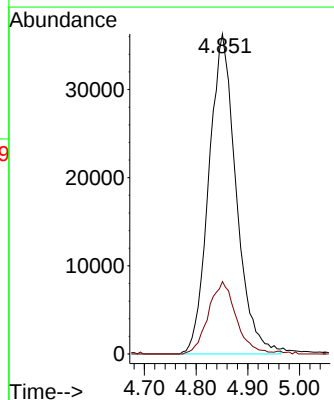
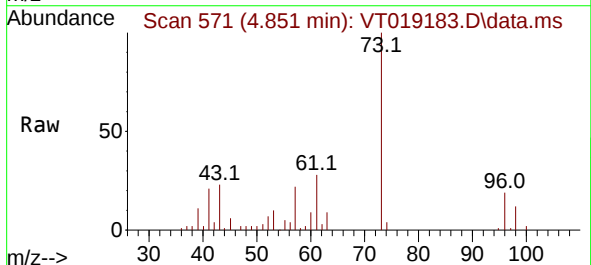
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

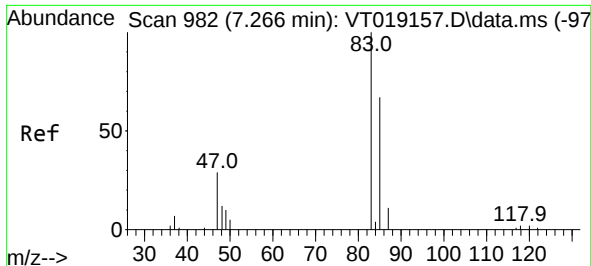
Tgt Ion: 59 Resp: 53476
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 19.122 ug/l
RT: 4.851 min Scan# 571
Delta R.T. -0.070 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 73 Resp: 133213
Ion Ratio Lower Upper
73 100
43 22.9 16.9 25.3

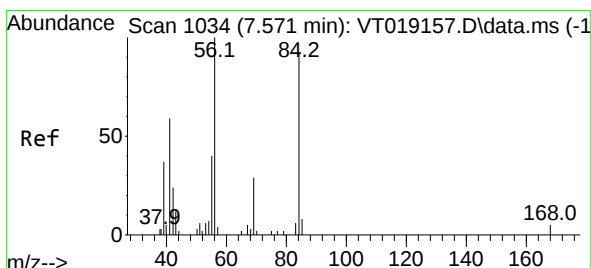
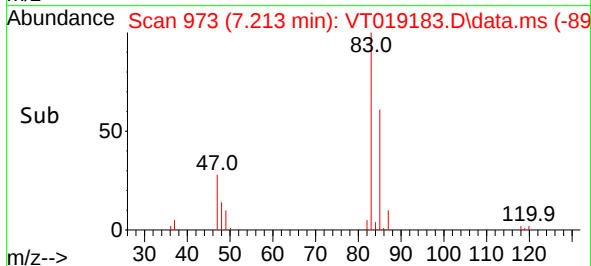
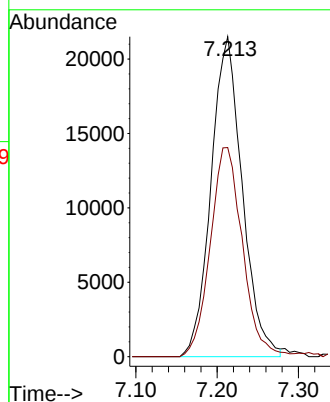
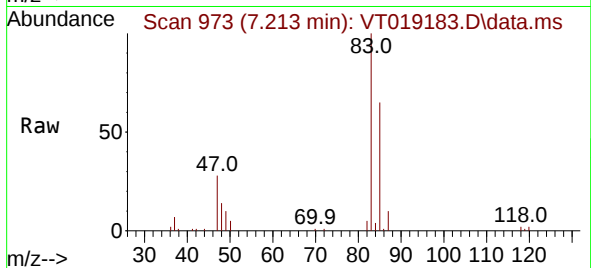




#25
Chloroform
Concen: 19.150 ug/l
RT: 7.213 min Scan# 91
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

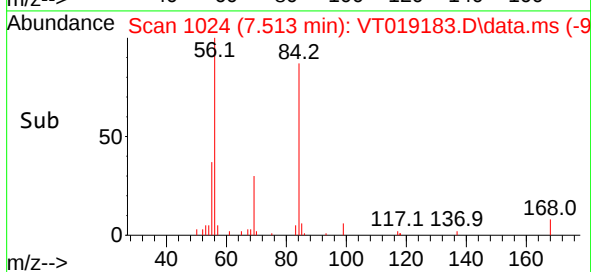
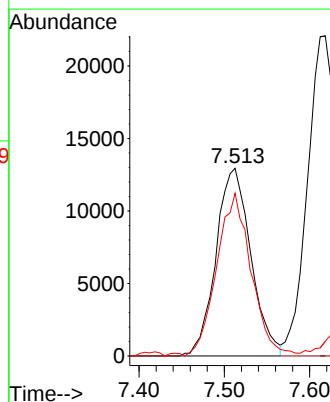
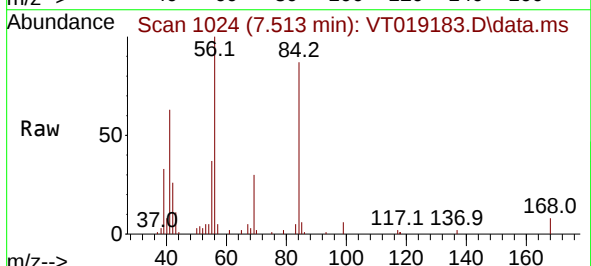
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

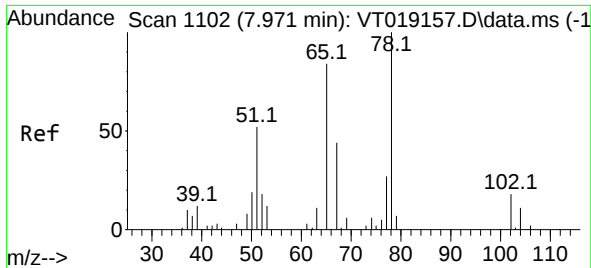
Tgt Ion: 83 Resp: 57423
Ion Ratio Lower Upper
83 100
85 65.4 48.0 72.0



#26
Cyclohexane
Concen: 19.157 ug/l
RT: 7.513 min Scan# 1024
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 56 Resp: 36852
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.4 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 31.083 ug/l

RT: 7.918 min Scan# 1102

Delta R.T. -0.053 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

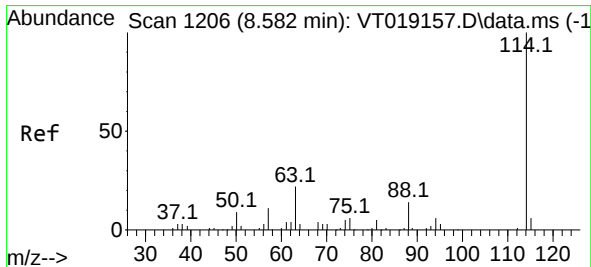
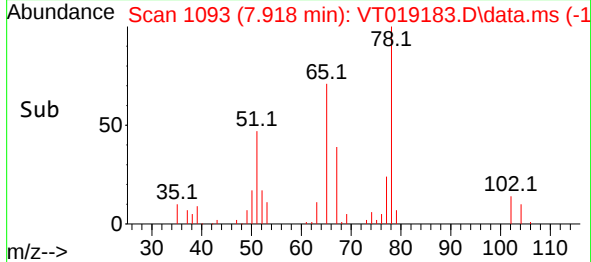
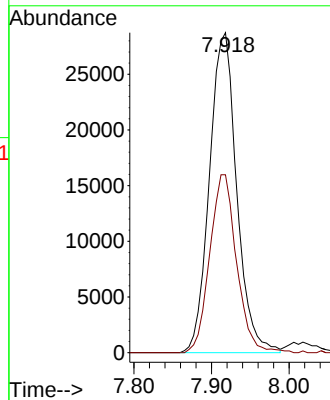
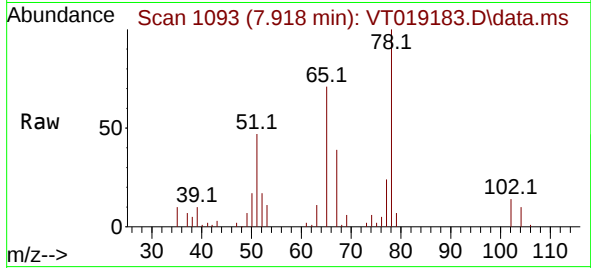
VSTDCCC020

Tgt Ion: 65 Resp: 70305

Ion Ratio Lower Upper

65 100

67 54.7 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

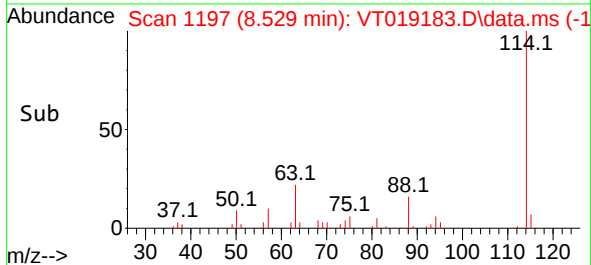
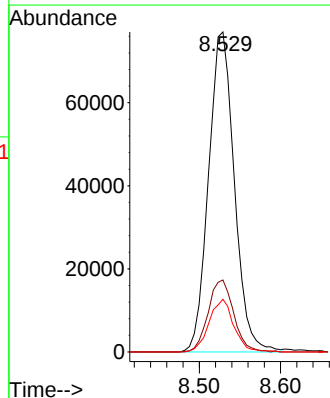
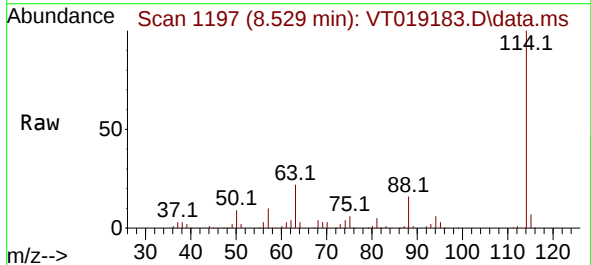
Tgt Ion: 114 Resp: 169980

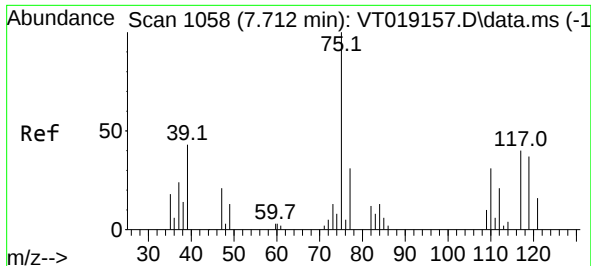
Ion Ratio Lower Upper

114 100

63 22.2 17.4 26.0

88 15.7 13.0 19.6





#29

1,1-Dichloropropene

Concen: 17.903 ug/l

RT: 7.665 min Scan# 1

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

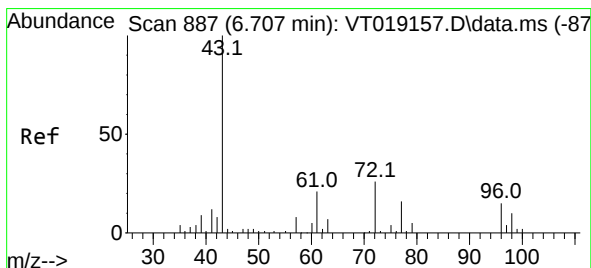
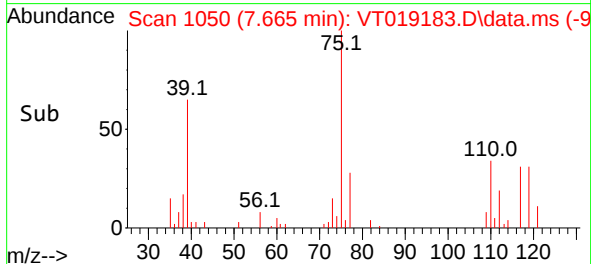
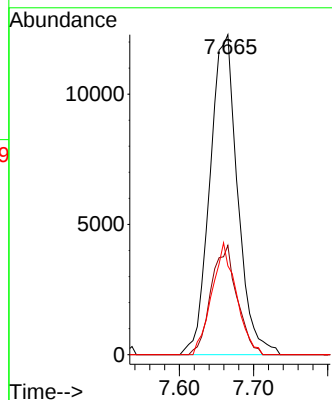
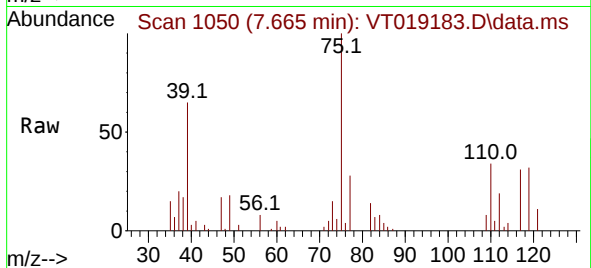
Tgt Ion: 75 Resp: 31843

Ion Ratio Lower Upper

75 100

110 32.1 0.0 70.8

77 30.9 0.0 61.6



#30

2-Butanone

Concen: 85.952 ug/l

RT: 6.643 min Scan# 876

Delta R.T. -0.059 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

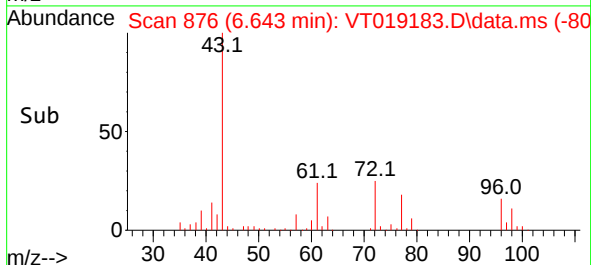
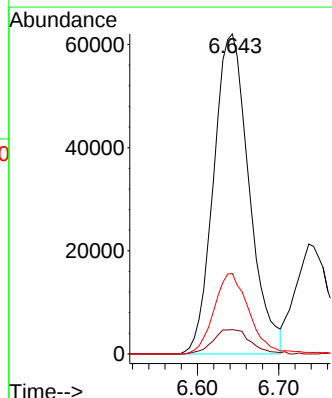
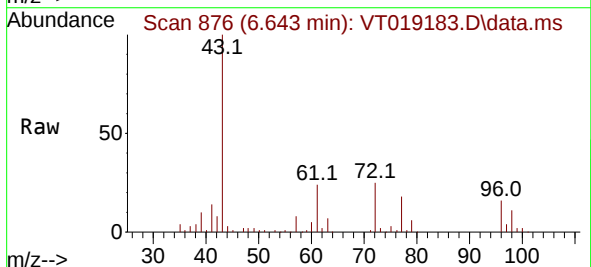
Tgt Ion: 43 Resp: 188438

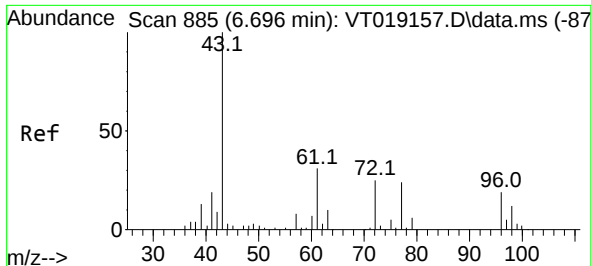
Ion Ratio Lower Upper

43 100

57 8.0 5.9 8.9

72 24.4 20.2 30.2

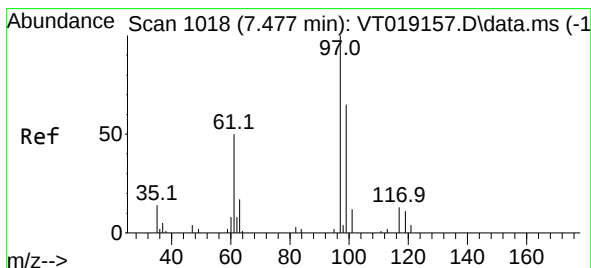
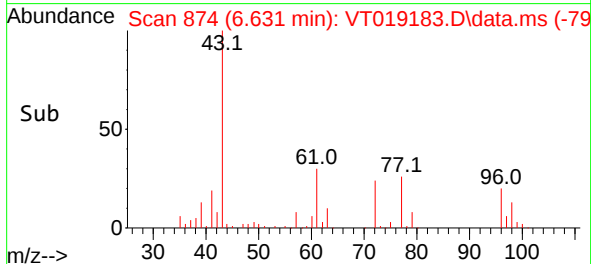
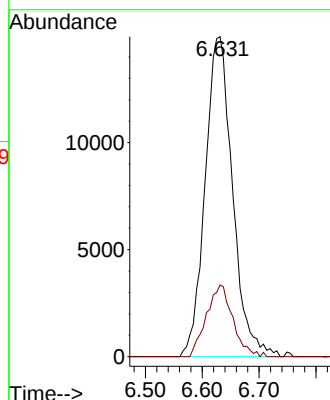
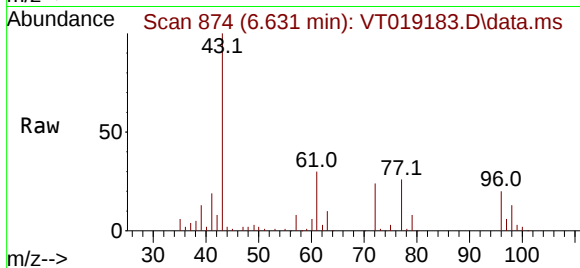




#31
2,2-Dichloropropane
Concen: 19.243 ug/l
RT: 6.631 min Scan# 81
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

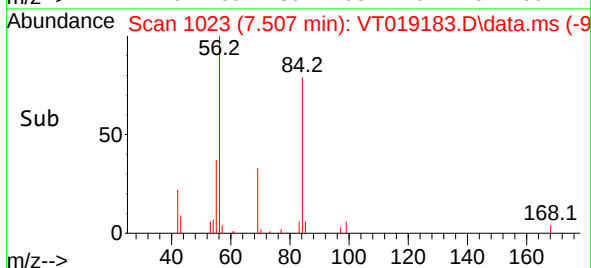
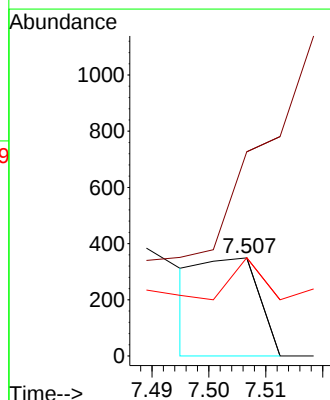
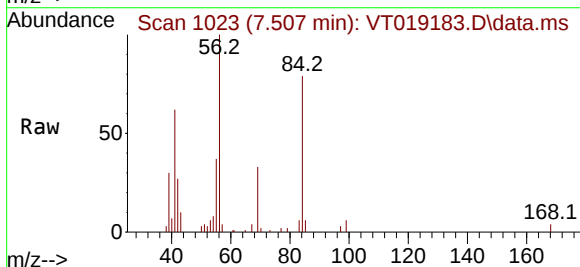
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

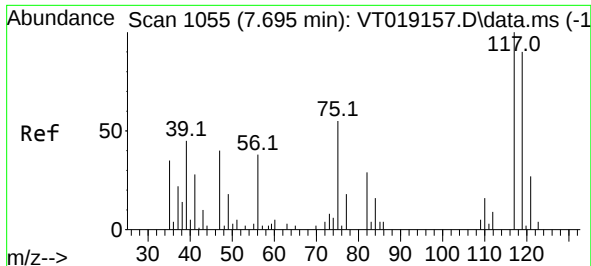
Tgt Ion: 77 Resp: 50113
Ion Ratio Lower Upper
77 100
97 21.4 14.5 21.7



#32
1,1,1-Trichloroethane
Concen: 0.108 ug/l
RT: 7.507 min Scan# 1023
Delta R.T. 0.030 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 97 Resp: 242
Ion Ratio Lower Upper
97 100
99 1214.0 30.0 45.0#
61 114.9 36.1 54.1#

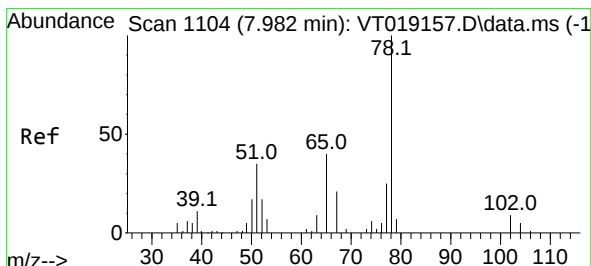
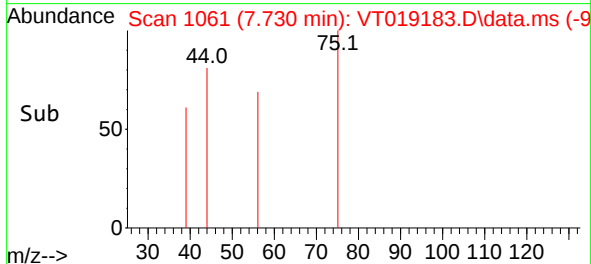
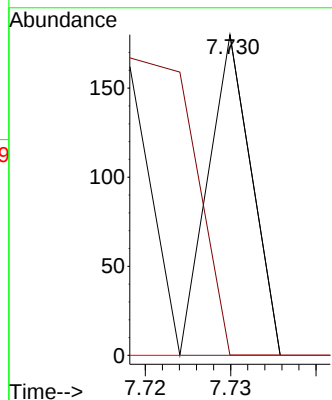
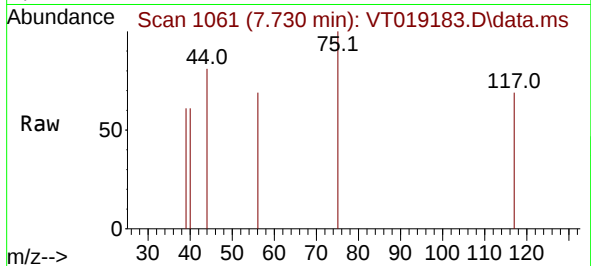




#33
Carbon Tetrachloride
Concen: 0.044 ug/l
RT: 7.730 min Scan# 1106
Delta R.T. 0.035 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

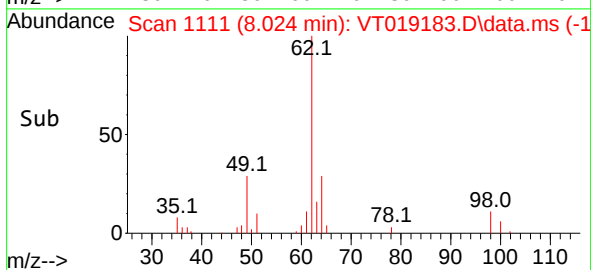
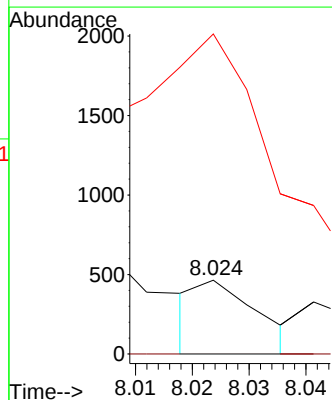
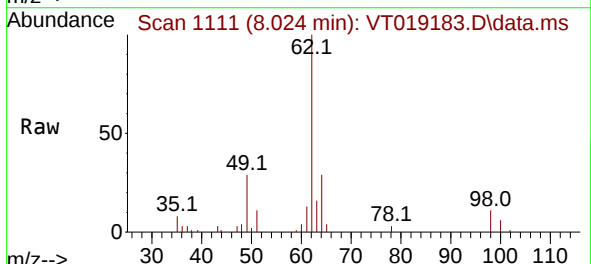
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

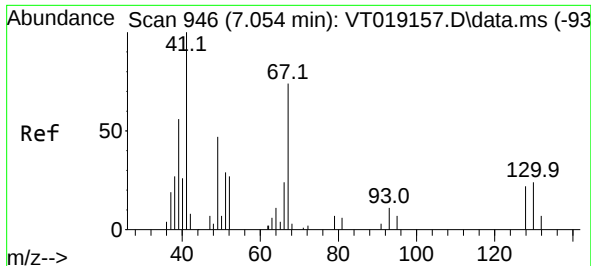
Tgt Ion:117 Resp: 63
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 0.5 0.7#



#34
Benzene
Concen: 0.051 ug/l
RT: 8.024 min Scan# 1111
Delta R.T. 0.042 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 78 Resp: 337
Ion Ratio Lower Upper
78 100
77 0.0 17.6 26.4#
51 356.4 13.8 20.6#

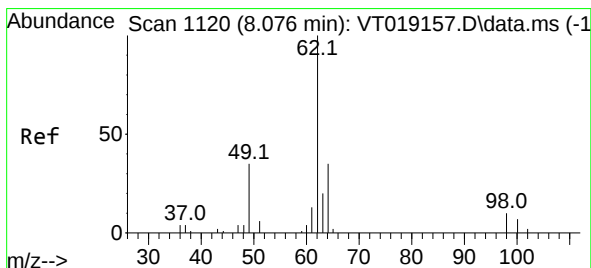
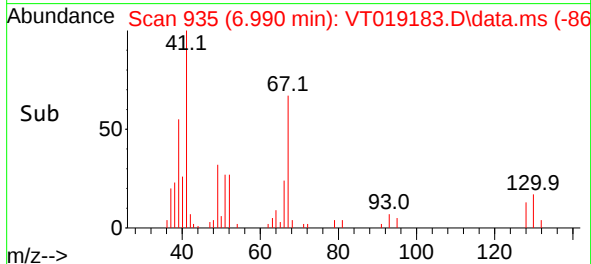
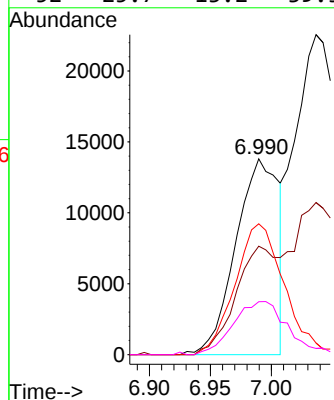
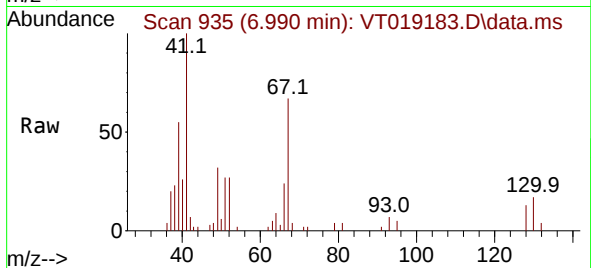




#35
Methacrylonitrile
Concen: 18.185 ug/l
RT: 6.990 min Scan# 911
Delta R.T. -0.058 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

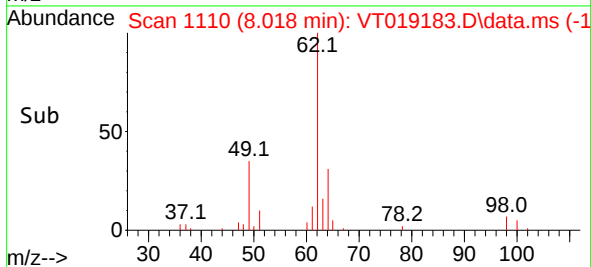
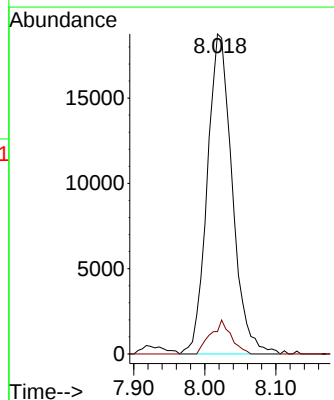
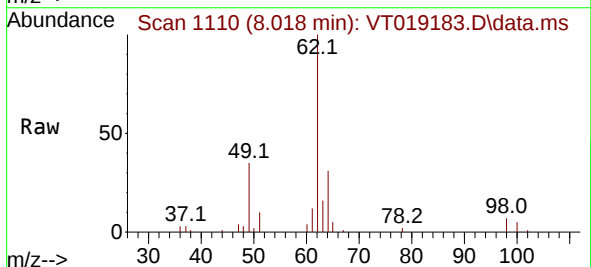
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

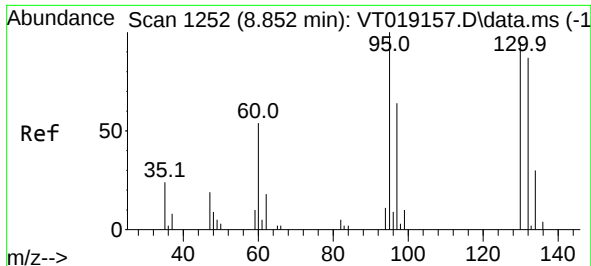
Tgt Ion:	41	Resp:	33934
Ion	Ratio	Lower	Upper
41	100		
39	55.4	26.2	78.5
67	66.8	31.4	94.3
52	25.7	13.2	39.5



#36
1,2-Dichloroethane
Concen: 18.744 ug/l
RT: 8.018 min Scan# 1110
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:	62	Resp:	45790
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.7	10.1

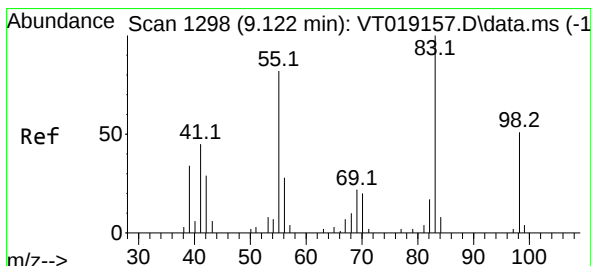
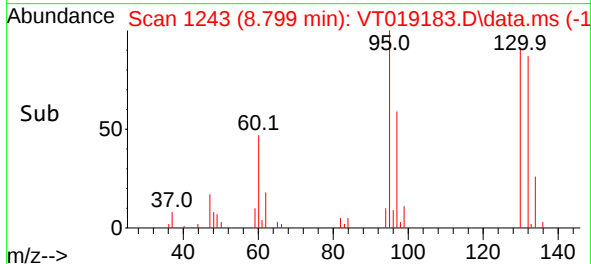
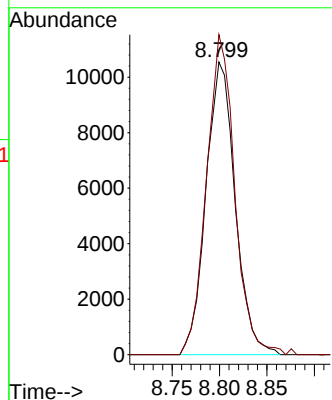
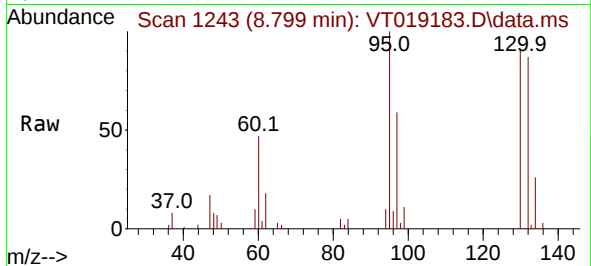




#37
Trichloroethene
Concen: 18.662 ug/l
RT: 8.799 min Scan# 11
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

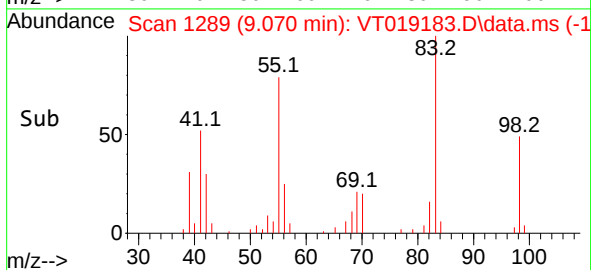
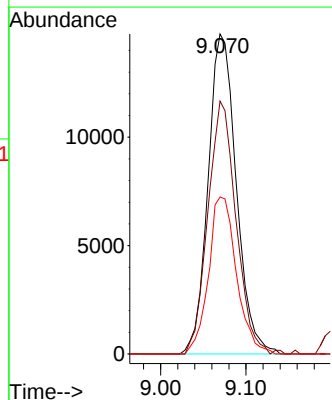
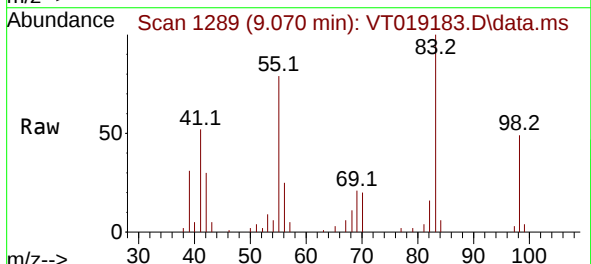
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

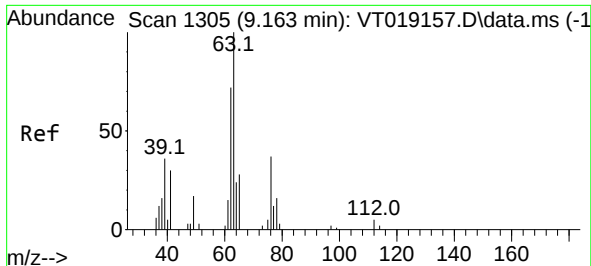
Tgt Ion:130 Resp: 22624
Ion Ratio Lower Upper
130 100
95 109.3 79.4 119.2



#38
Methylcyclohexane
Concen: 18.913 ug/l
RT: 9.070 min Scan# 1289
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 83 Resp: 33877
Ion Ratio Lower Upper
83 100
55 78.7 40.3 120.8
98 48.7 24.3 72.9





#39

1,2-Dichloropropane

Concen: 0.081 ug/l

RT: 9.181 min Scan# 11

Delta R.T. 0.018 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

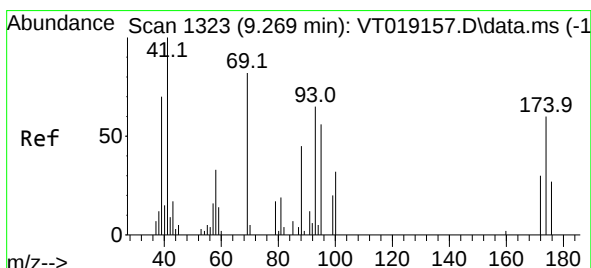
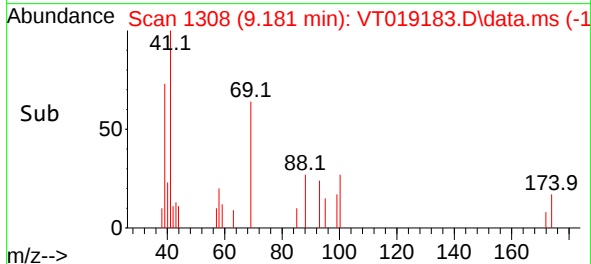
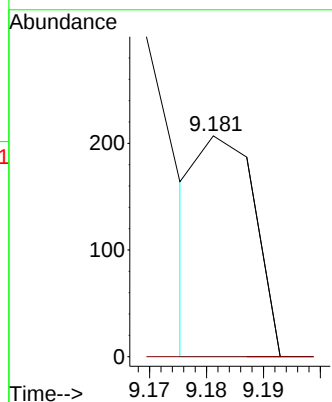
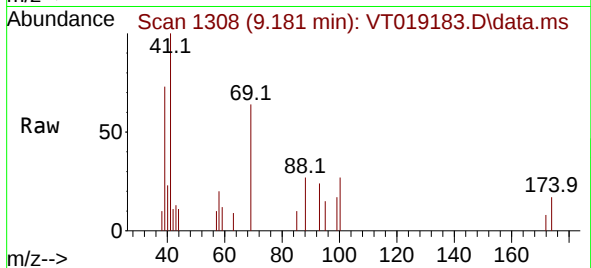
VSTDCCC020

Tgt Ion: 63 Resp: 139

Ion Ratio Lower Upper

63 100

65 0.0 19.8 29.6#



#40

Dibromomethane

Concen: 18.491 ug/l

RT: 9.216 min Scan# 1314

Delta R.T. -0.053 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

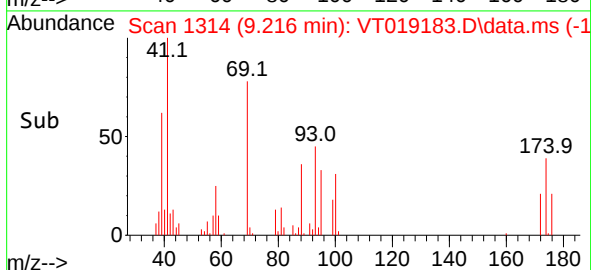
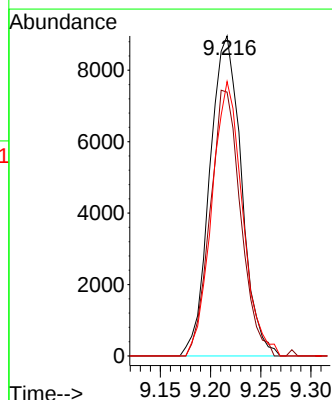
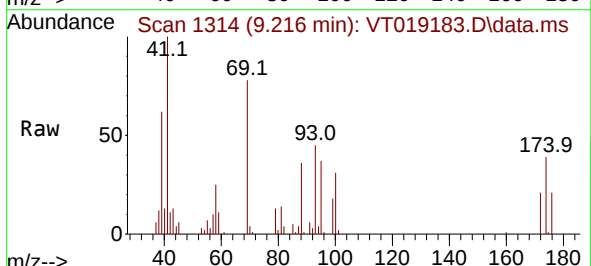
Tgt Ion: 93 Resp: 19677

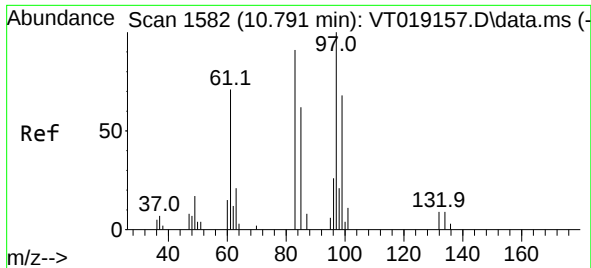
Ion Ratio Lower Upper

93 100

95 79.9 0.0 166.2

174 82.9 0.0 26.4#

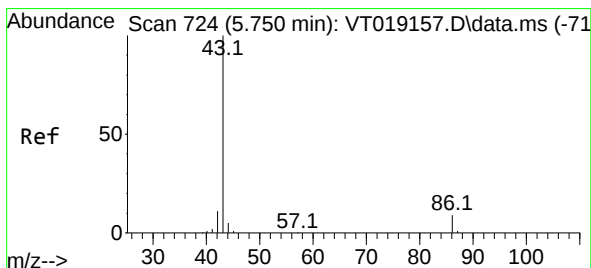
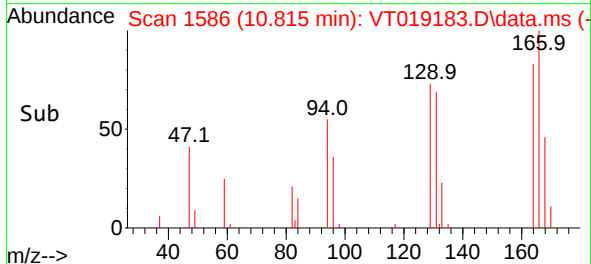
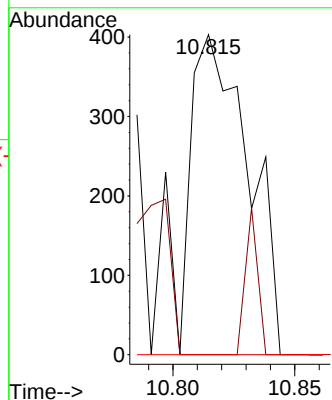
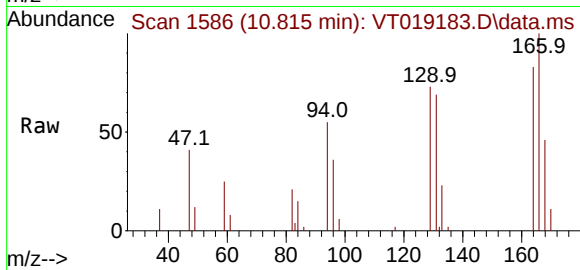




#41
Bromodichloromethane
Concen: 0.480 ug/l
RT: 10.815 min Scan# 11
Delta R.T. 0.024 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

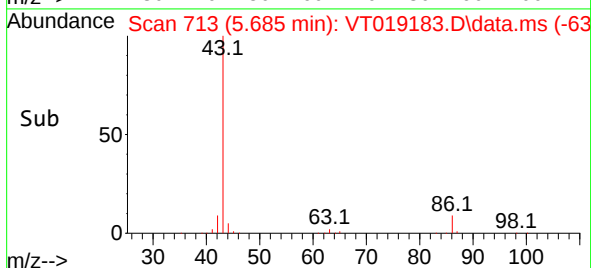
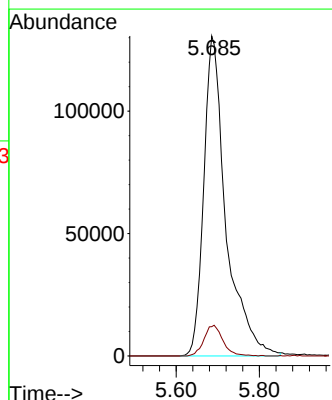
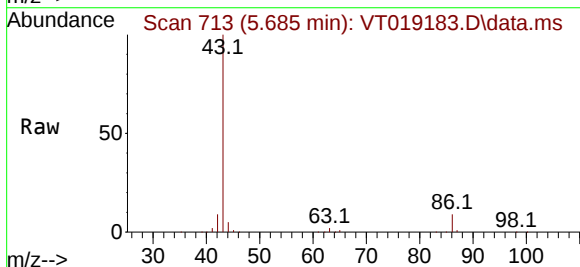
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

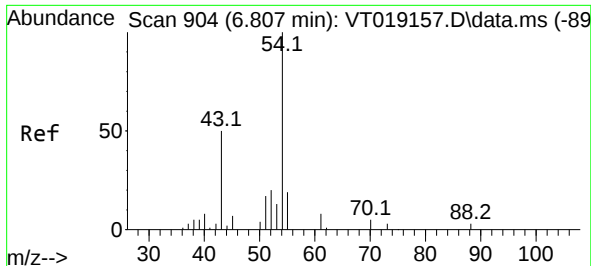
Tgt Ion: 83 Resp: 656
Ion Ratio Lower Upper
83 100
85 0.0 47.2 70.8#
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 90.022 ug/l
RT: 5.685 min Scan# 713
Delta R.T. -0.065 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 43 Resp: 484222
Ion Ratio Lower Upper
43 100
86 8.1 6.9 10.3





#43

Ethyl Acetate

Concen: 18.002 ug/l

RT: 6.737 min Scan# 89

Delta R.T. -0.064 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

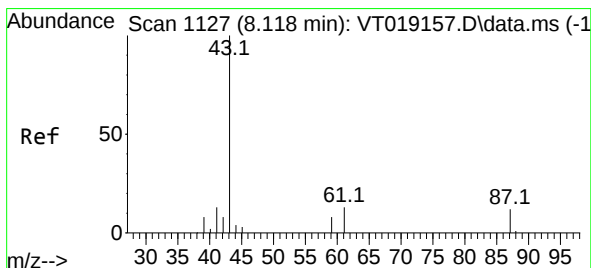
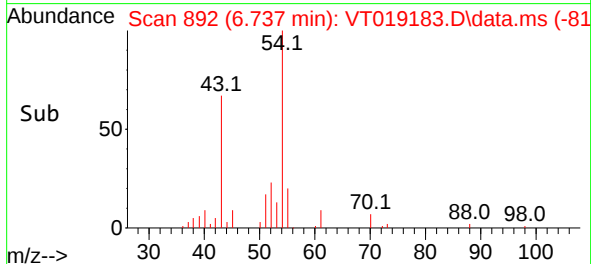
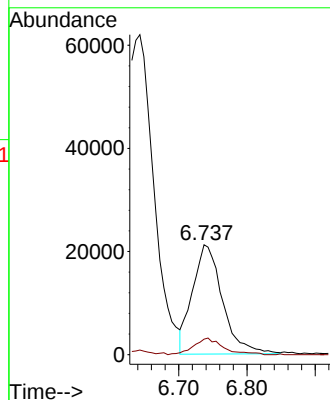
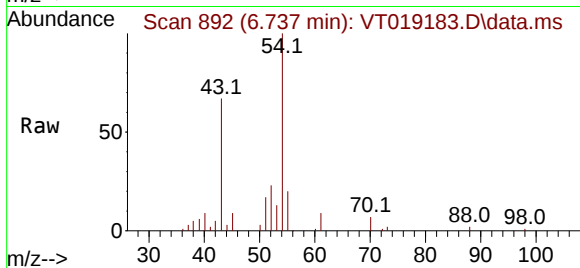
VSTDCCC020

Tgt Ion: 43 Resp: 64877

Ion Ratio Lower Upper

43 100

45 14.8 10.6 16.0



#44

Isopropyl Acetate

Concen: 18.339 ug/l

RT: 8.071 min Scan# 1119

Delta R.T. -0.052 min

Lab File: VT019183.D

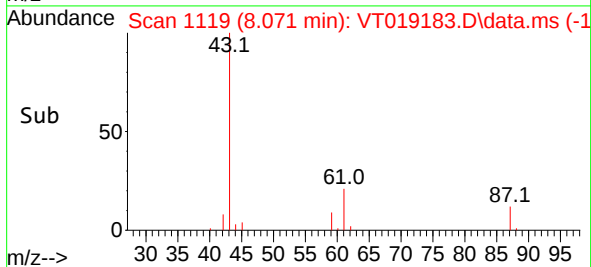
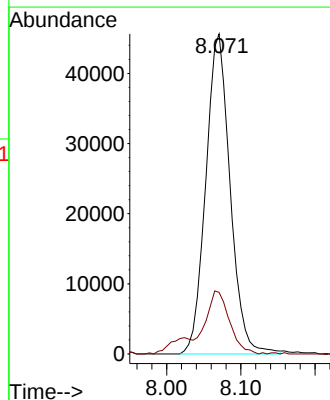
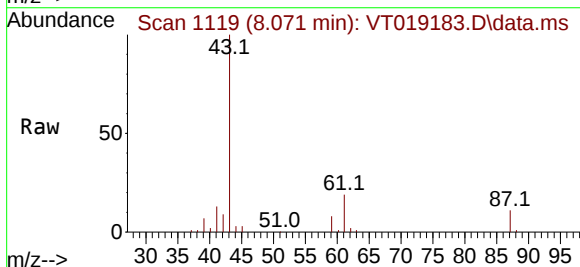
Acq: 27 Oct 2025 7:36

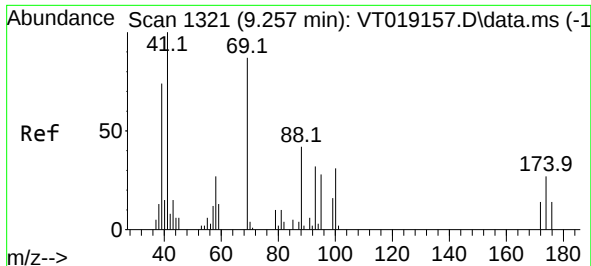
Tgt Ion: 43 Resp: 104019

Ion Ratio Lower Upper

43 100

61 19.1 14.7 22.1

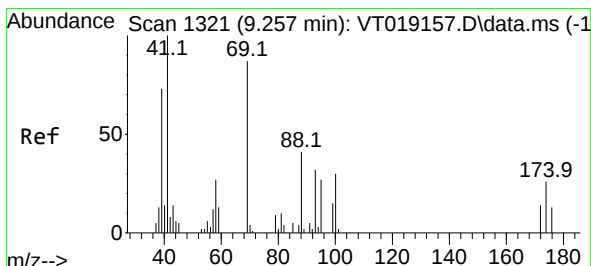
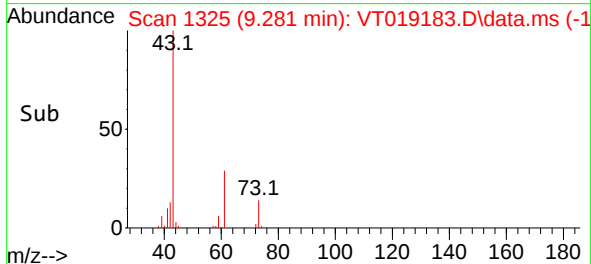
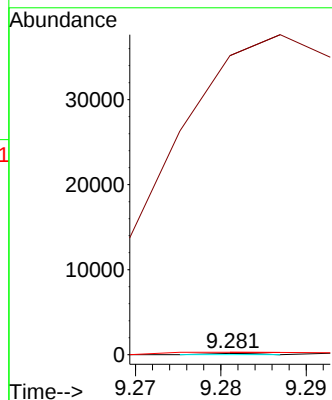
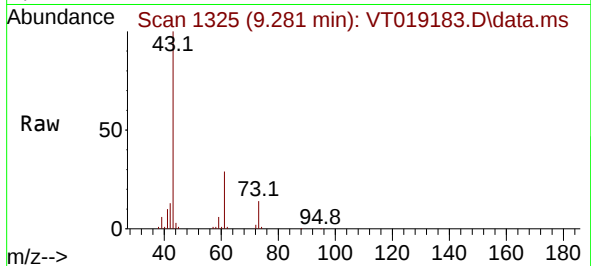




#45
1,4-Dioxane
Concen: 1.097 ug/l
RT: 9.281 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

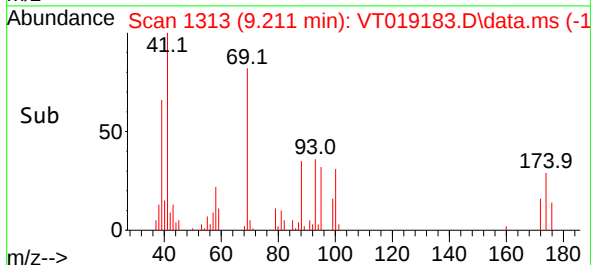
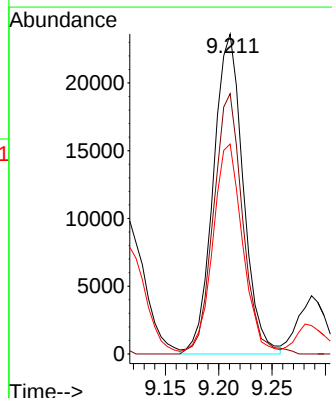
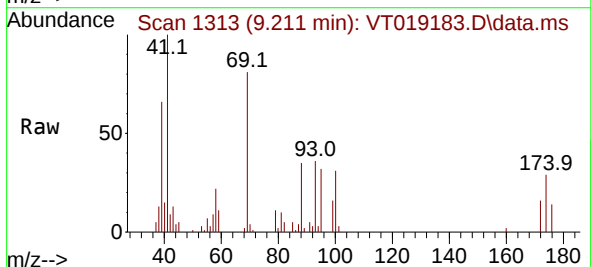
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

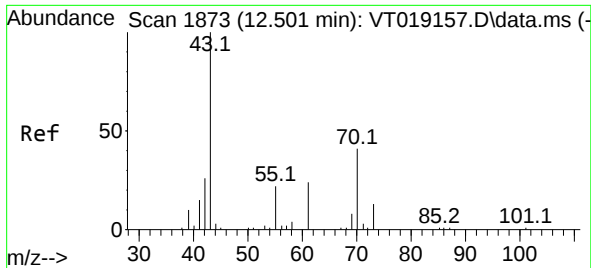
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2#
58 820.4 33.3 49.9#



#46
Methyl methacrylate
Concen: 18.147 ug/l
RT: 9.211 min Scan# 1313
Delta R.T. -0.046 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 41 Resp: 46024
Ion Ratio Lower Upper
41 100
69 82.4 35.8 107.3
39 65.6 24.4 73.4

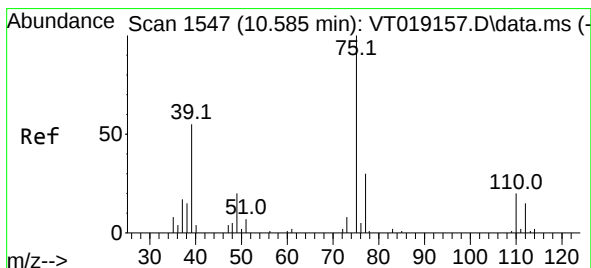
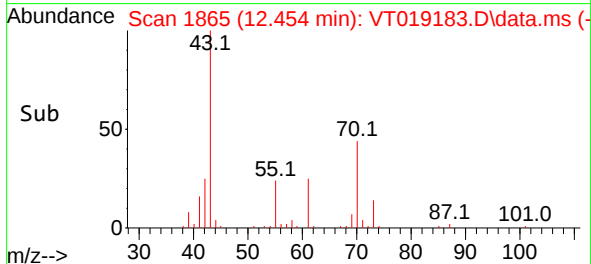
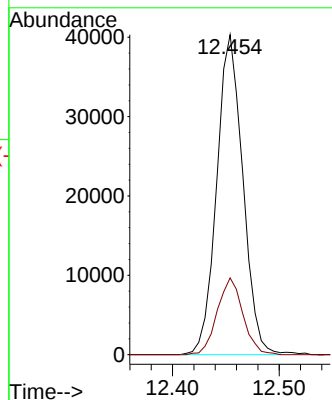
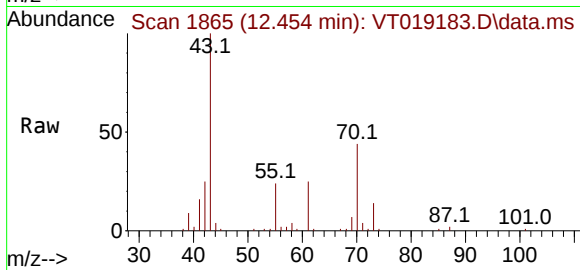




#47
n-amyl acetate
Concen: 17.929 ug/l
RT: 12.454 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

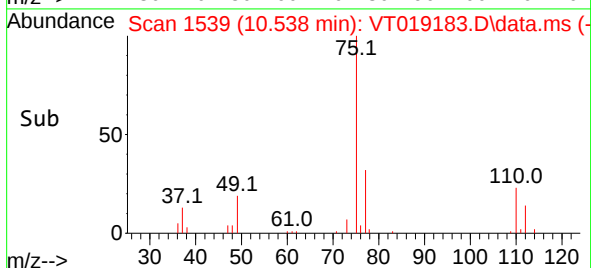
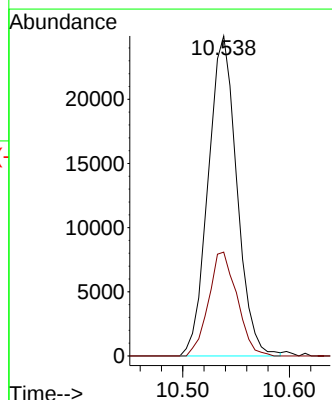
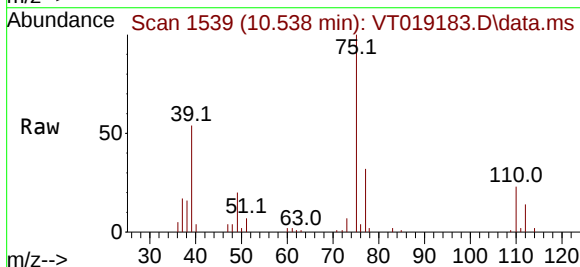
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

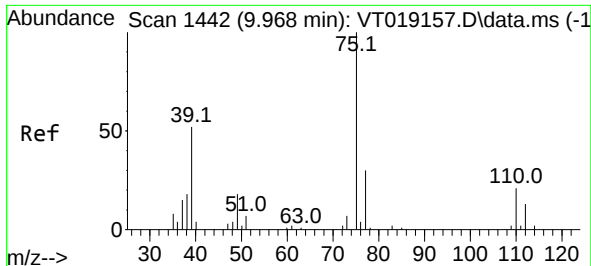
Tgt Ion: 43 Resp: 68435
Ion Ratio Lower Upper
43 100
55 23.6 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 18.803 ug/l
RT: 10.538 min Scan# 1539
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 75 Resp: 46636
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 18.835 ug/l

RT: 9.922 min Scan# 1442

Delta R.T. -0.052 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

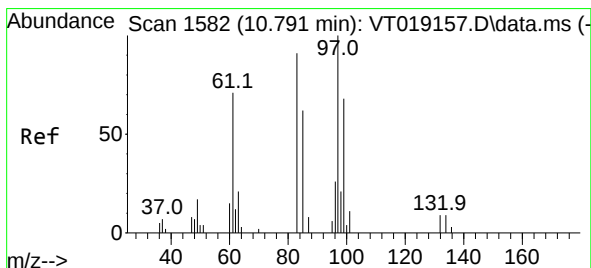
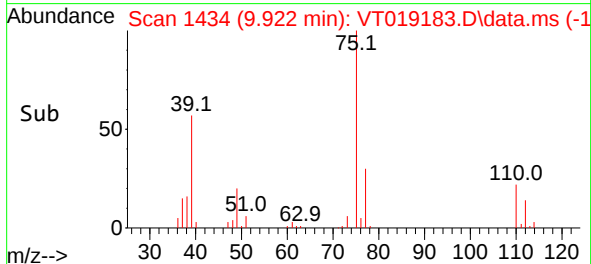
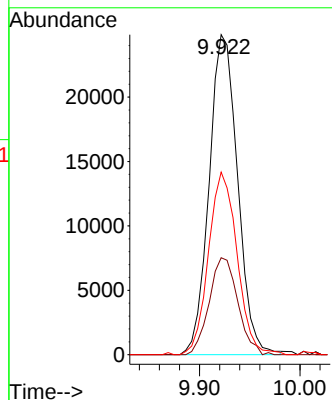
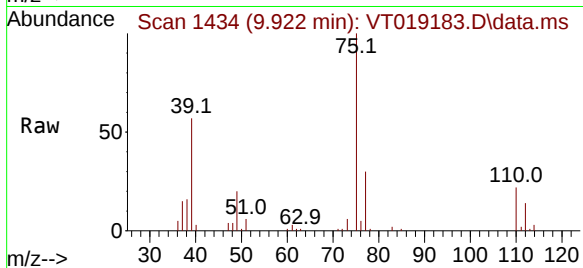
Tgt Ion: 75 Resp: 49073

Ion Ratio Lower Upper

75 100

77 30.3 25.1 37.7

39 57.1 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 0.170 ug/l

RT: 10.797 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Tgt Ion: 97 Resp: 266

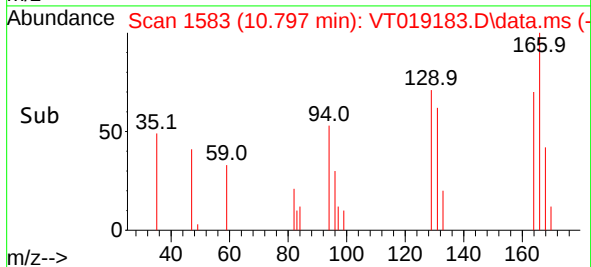
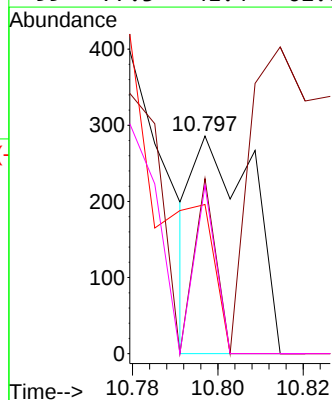
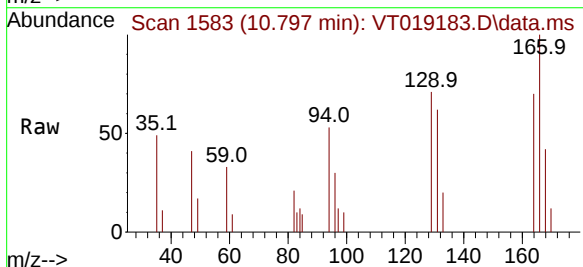
Ion Ratio Lower Upper

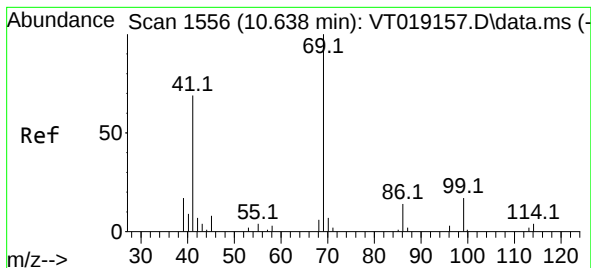
97 100

83 80.4 58.3 87.5

85 68.5 36.5 54.7#

99 77.3 41.4 62.0#

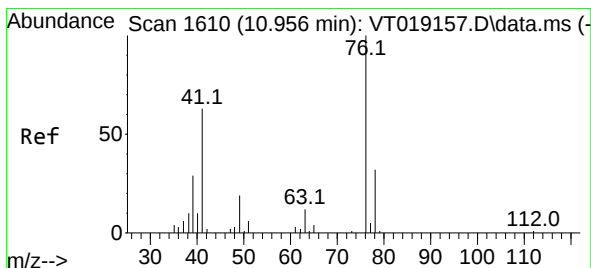
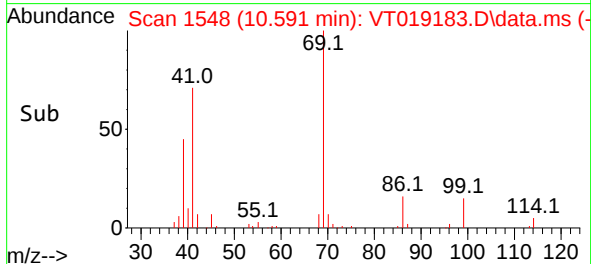
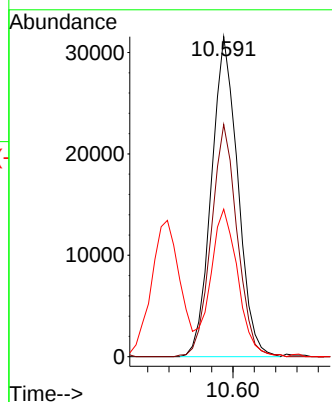
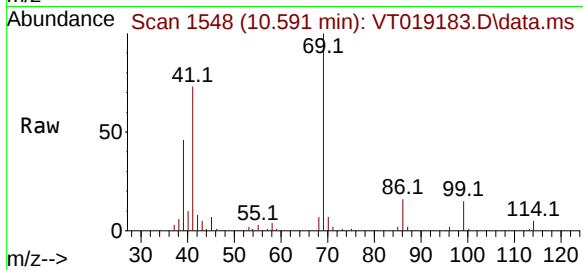




#51
Ethyl methacrylate
Concen: 18.454 ug/l
RT: 10.591 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

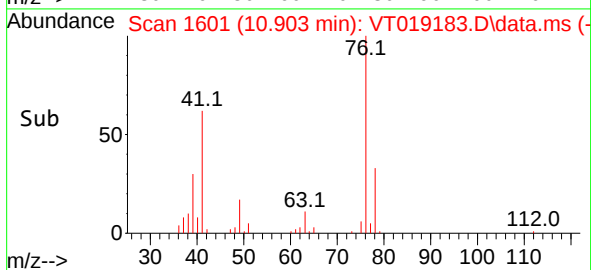
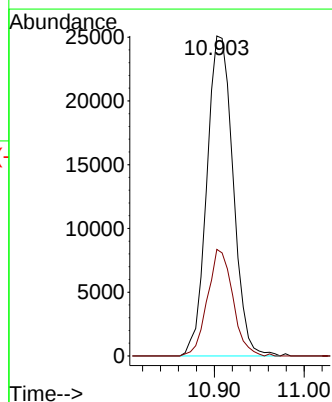
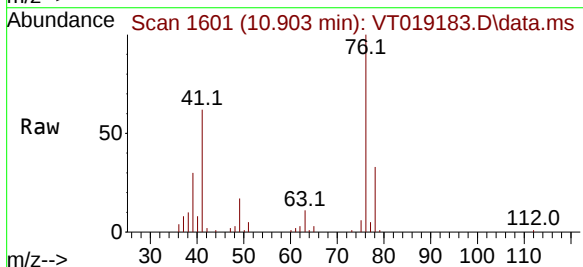
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

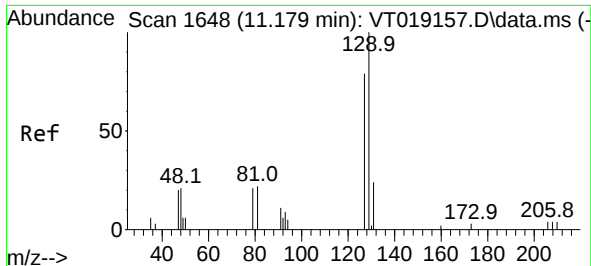
Tgt Ion: 69 Resp: 54131
Ion Ratio Lower Upper
69 100
41 72.1 35.0 105.1
39 45.5 19.5 58.5



#52
1,3-Dichloropropane
Concen: 18.200 ug/l
RT: 10.903 min Scan# 1601
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 76 Resp: 50878
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6

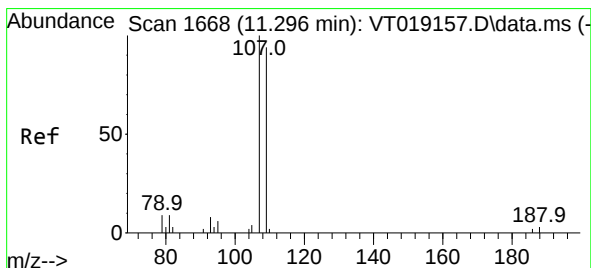
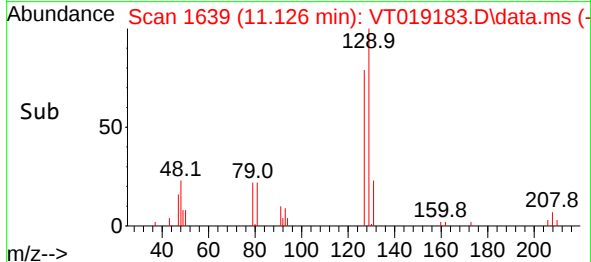
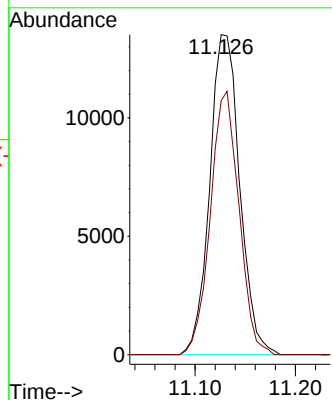
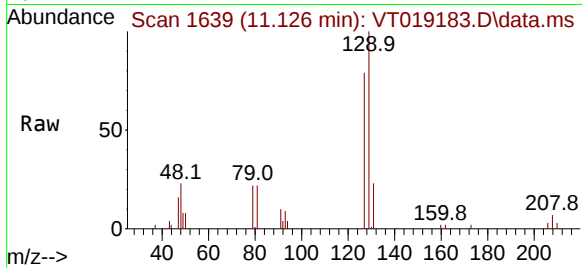




#53
Dibromochloromethane
Concen: 19.264 ug/l
RT: 11.126 min Scan# 1639
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

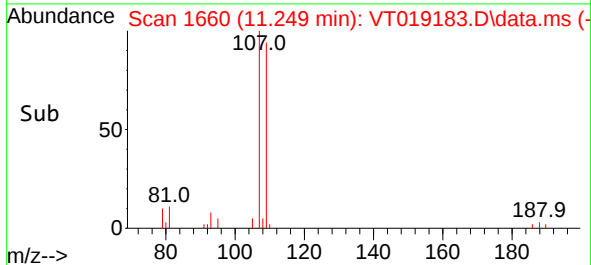
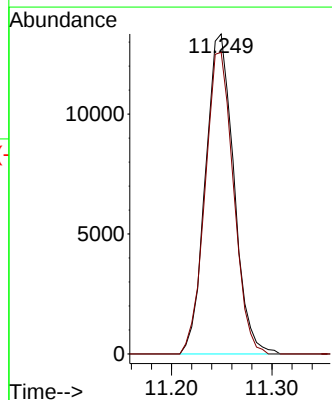
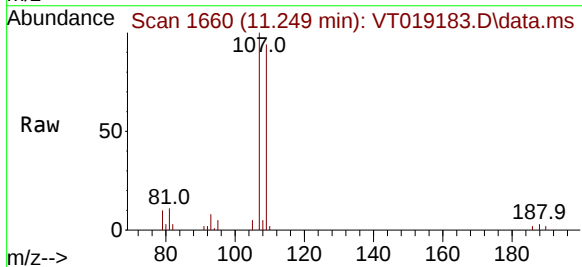
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

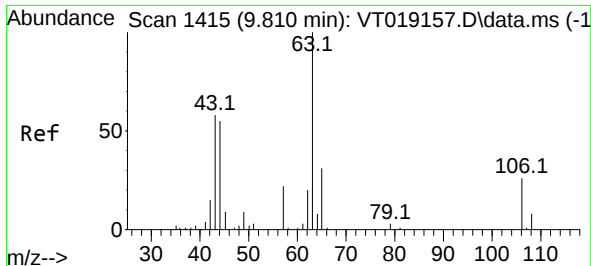
Tgt Ion:129 Resp: 28126
Ion Ratio Lower Upper
129 100
127 78.2 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 18.014 ug/l
RT: 11.249 min Scan# 1660
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:107 Resp: 26224
Ion Ratio Lower Upper
107 100
109 94.3 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 90.062 ug/l

RT: 9.763 min Scan# 1415

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

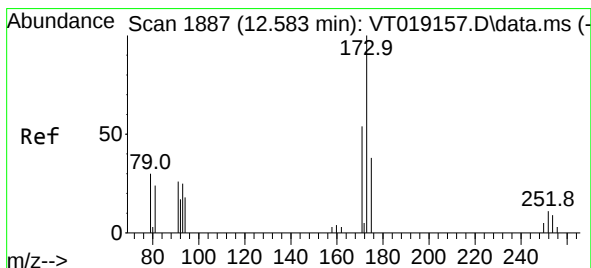
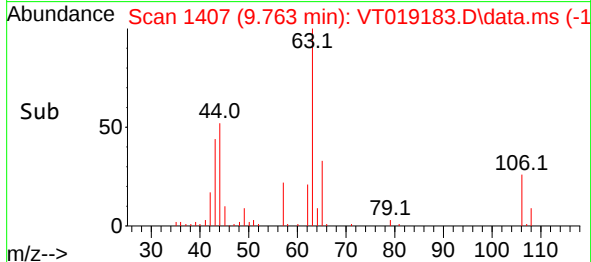
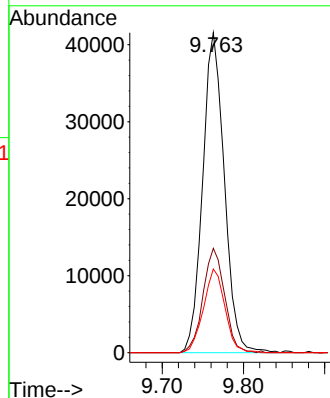
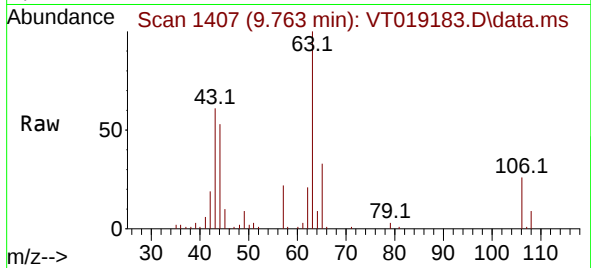
Tgt Ion: 63 Resp: 77048

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.6

106 25.7 22.1 33.1



#56

Bromoform

Concen: 20.219 ug/l

RT: 12.530 min Scan# 1878

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

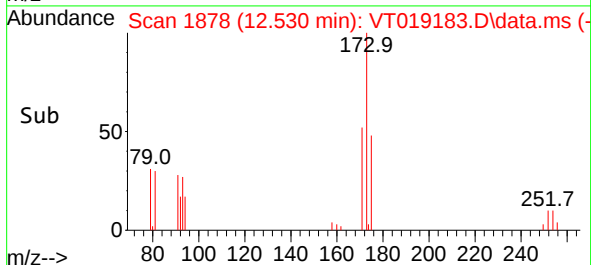
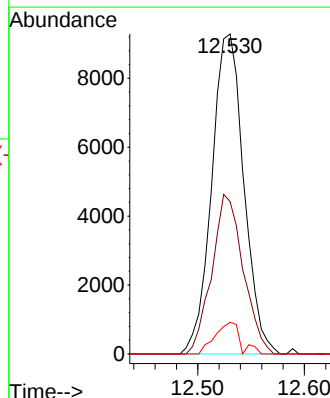
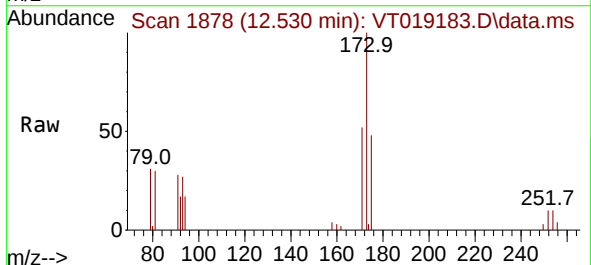
Tgt Ion: 173 Resp: 19406

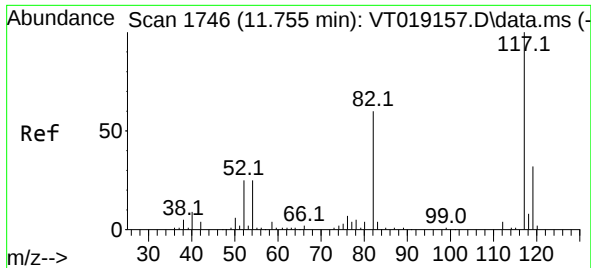
Ion Ratio Lower Upper

173 100

175 48.7 2.6 3.8#

254 6.9 2.2 3.2#

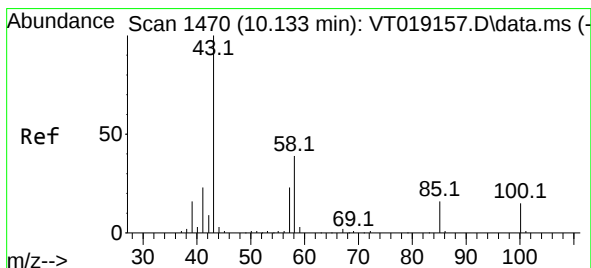
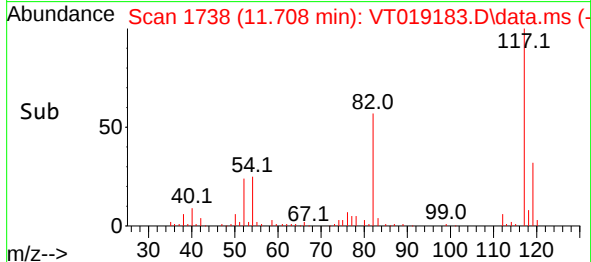
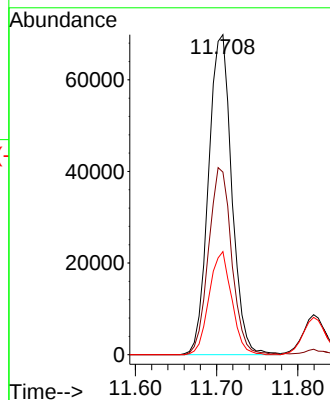
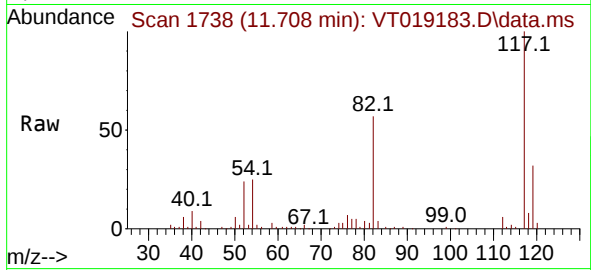




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.708 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

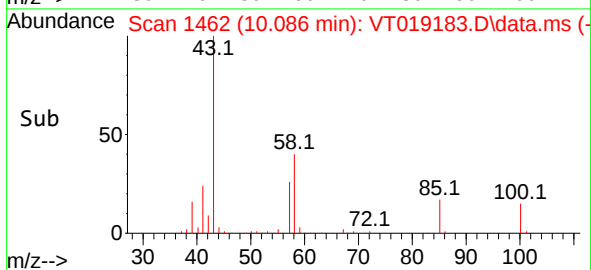
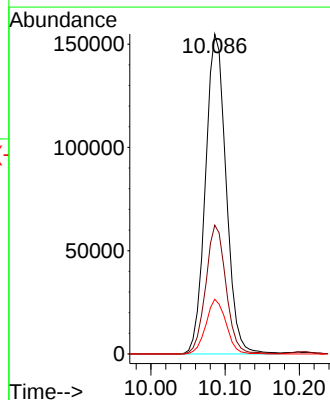
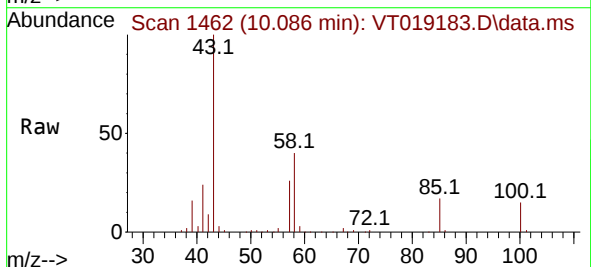
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

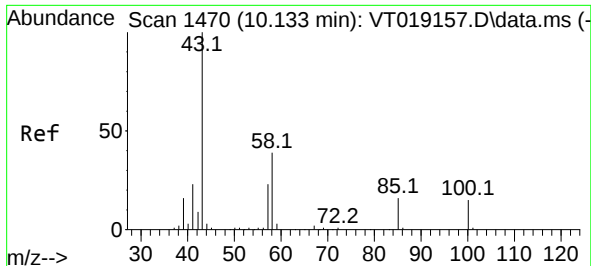
Tgt Ion:117 Resp: 138695
Ion Ratio Lower Upper
117 100
82 58.4 46.0 69.0
119 31.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 88.195 ug/l
RT: 10.086 min Scan# 1462
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 43 Resp: 299561
Ion Ratio Lower Upper
43 100
58 39.6 30.6 45.8
85 16.6 13.4 20.2

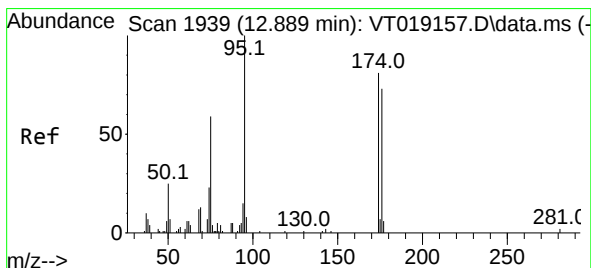
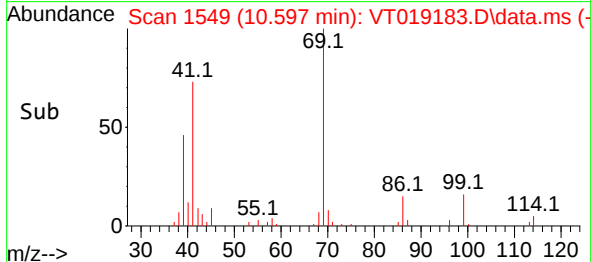
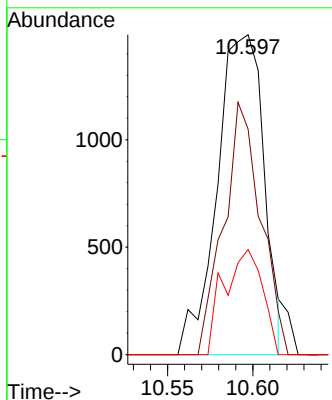
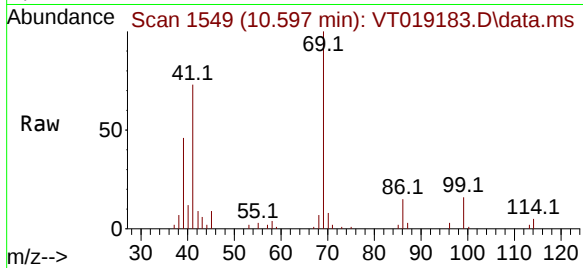




#59
2-Hexanone
Concen: 0.839 ug/l
RT: 10.597 min Scan# 11
Delta R.T. 0.458 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

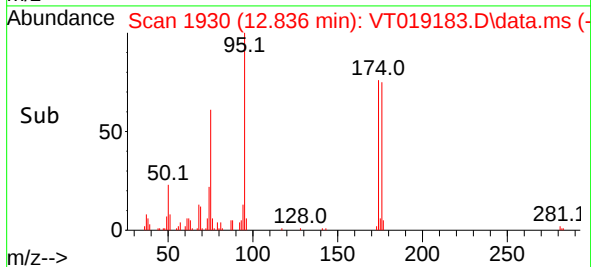
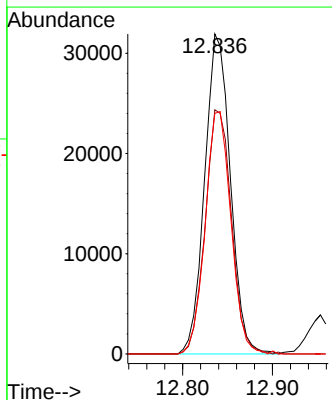
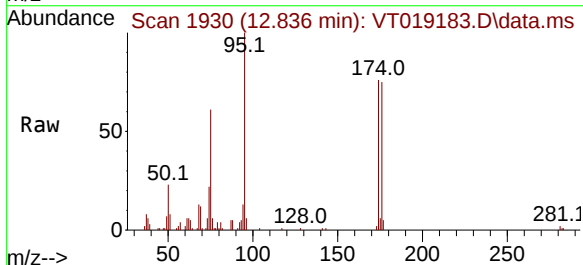
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

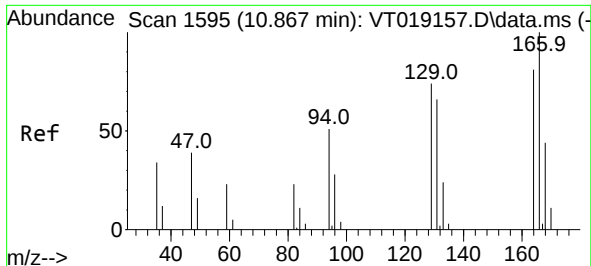
Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
58 62.4 42.0 63.0
57 18.8 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.106 ug/l
RT: 12.836 min Scan# 1930
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

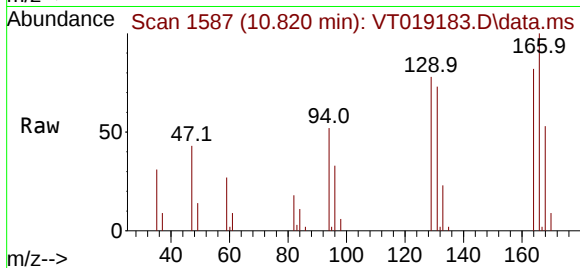
Tgt Ion: 95 Resp: 63445
Ion Ratio Lower Upper
95 100
174 77.8 57.5 86.3
176 75.8 56.4 84.6



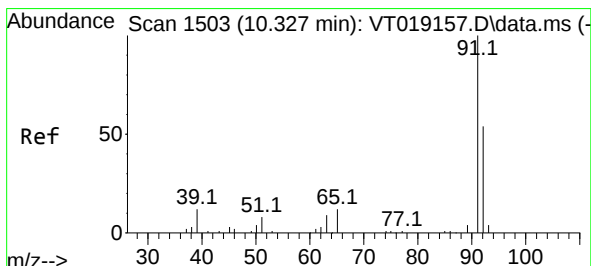
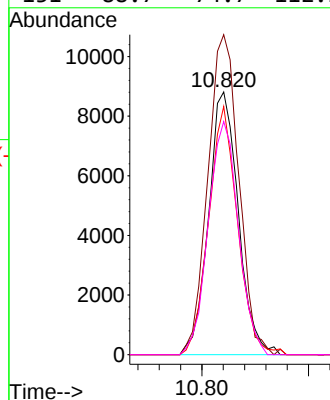
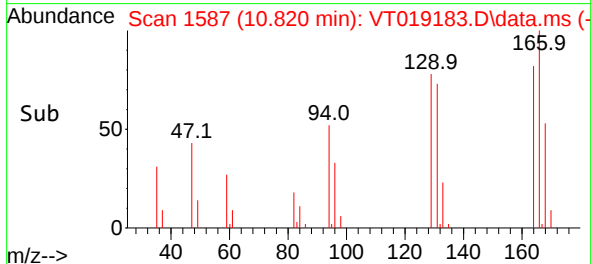


#61
Tetrachloroethene
Concen: 19.473 ug/l
RT: 10.820 min Scan# 1495
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

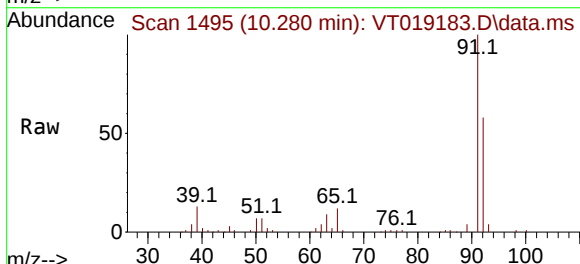
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020



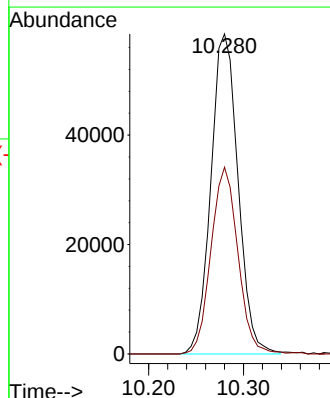
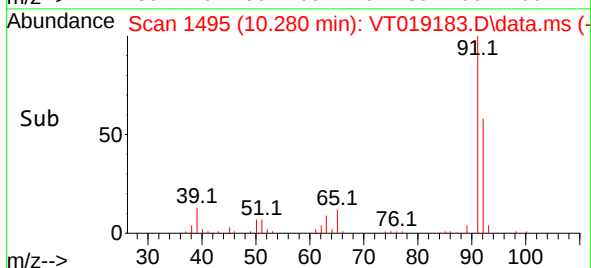
Tgt Ion:164 Resp: 17071
Ion Ratio Lower Upper
164 100
166 121.8 101.0 151.4
129 94.4 78.6 117.8
131 88.7 74.7 112.1

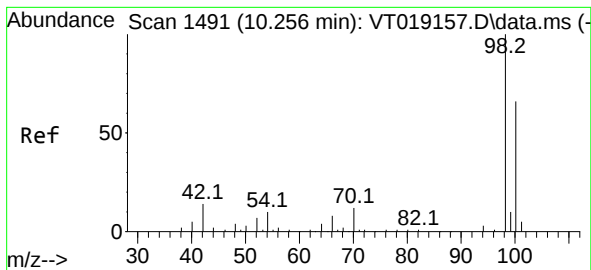


#62
Toluene
Concen: 18.718 ug/l
RT: 10.280 min Scan# 1495
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36



Tgt Ion: 91 Resp: 116279
Ion Ratio Lower Upper
91 100
92 57.8 46.6 69.8





#63

Toluene-d8

Concen: 30.166 ug/l

RT: 10.209 min Scan# 14

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

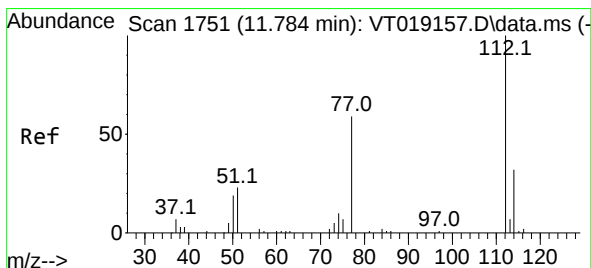
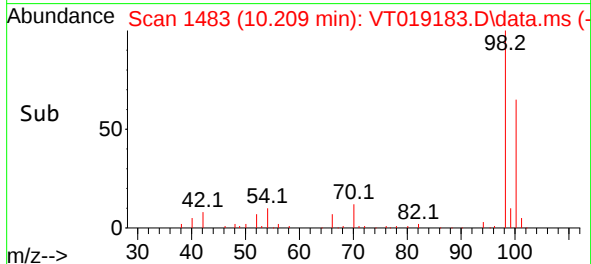
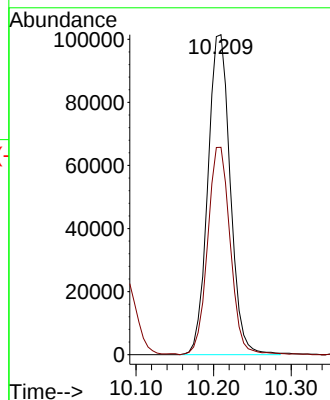
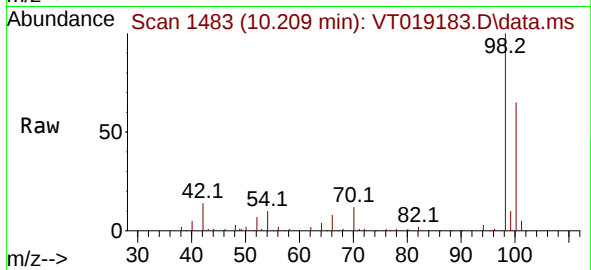
VSTDCCC020

Tgt Ion: 98 Resp: 203637

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#64

Chlorobenzene

Concen: 18.424 ug/l

RT: 11.737 min Scan# 1743

Delta R.T. -0.047 min

Lab File: VT019183.D

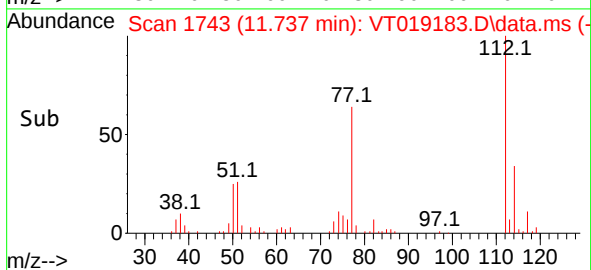
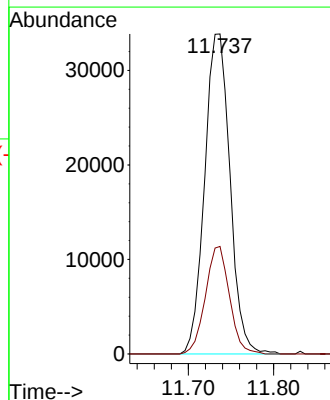
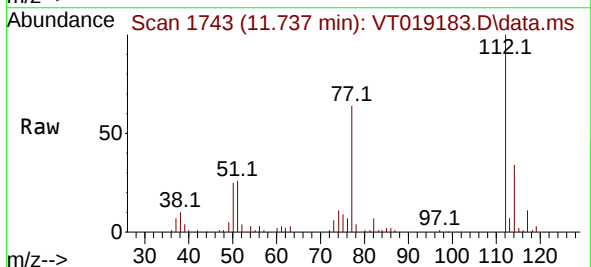
Acq: 27 Oct 2025 7:36

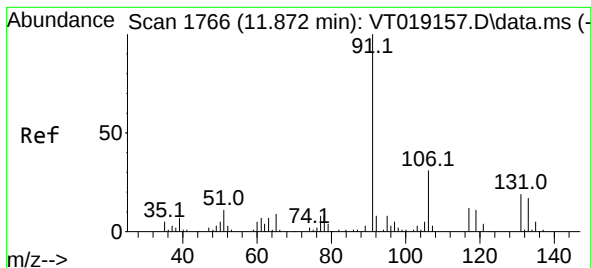
Tgt Ion: 112 Resp: 69908

Ion Ratio Lower Upper

112 100

114 33.6 23.6 35.4

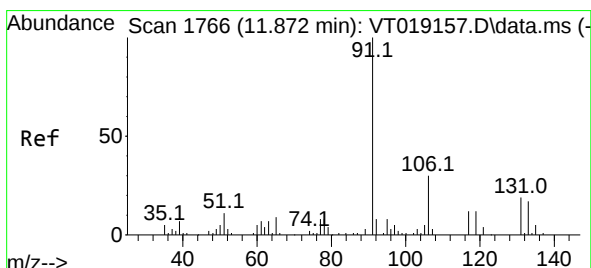
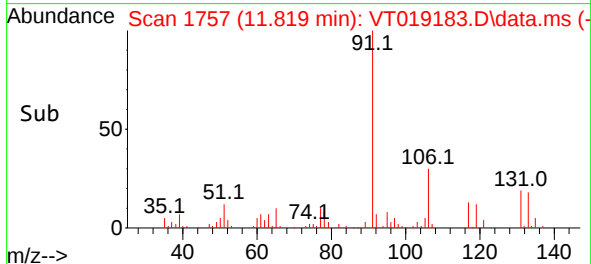
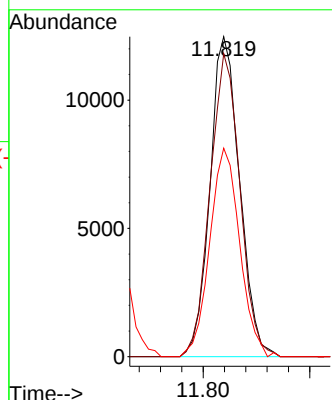
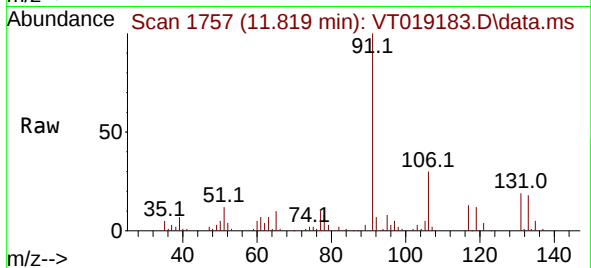




#65
1,1,1,2-Tetrachloroethane
Concen: 19.460 ug/l
RT: 11.819 min Scan# 1757
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

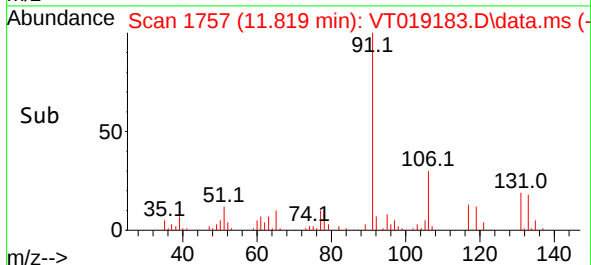
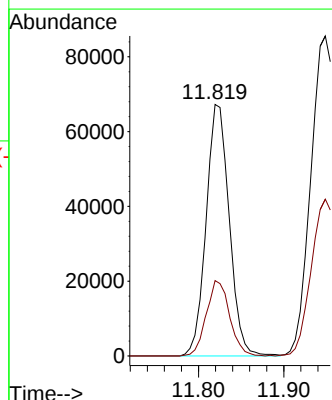
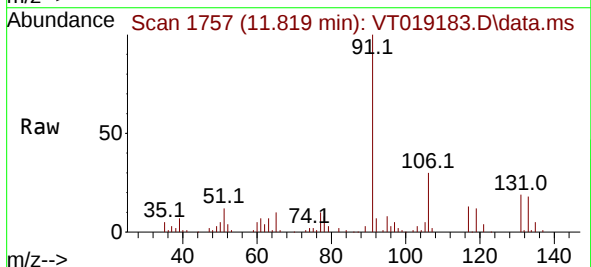
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

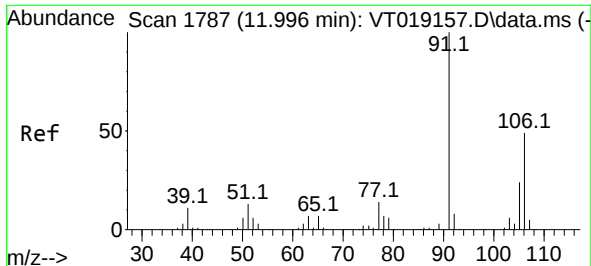
Tgt Ion:131 Resp: 24053
Ion Ratio Lower Upper
131 100
133 95.6 0.0 188.2
119 65.8 0.0 101.8



#66
Ethyl Benzene
Concen: 18.790 ug/l
RT: 11.819 min Scan# 1757
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 91 Resp: 126861
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7





#67

m/p-Xylenes

Concen: 37.063 ug/l

RT: 11.949 min Scan# 11

Delta R.T. -0.046 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

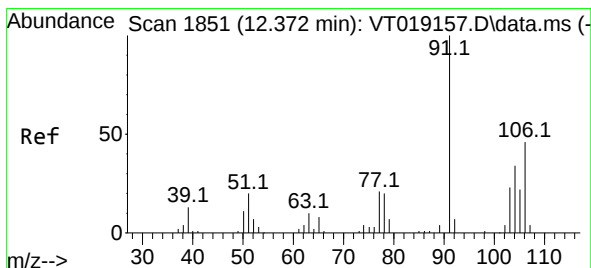
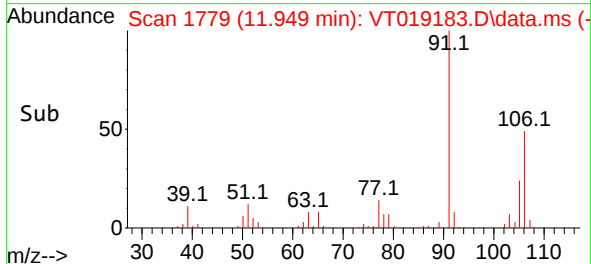
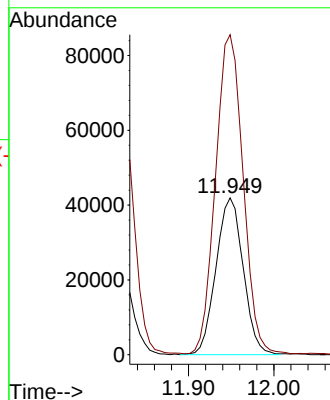
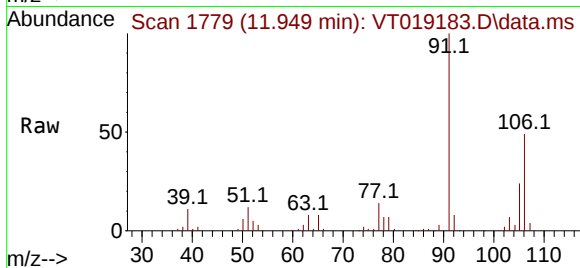
VSTDCCC020

Tgt Ion:106 Resp: 93020

Ion Ratio Lower Upper

106 100

91 207.3 164.4 246.6



#68

o-Xylene

Concen: 18.101 ug/l

RT: 12.319 min Scan# 1842

Delta R.T. -0.053 min

Lab File: VT019183.D

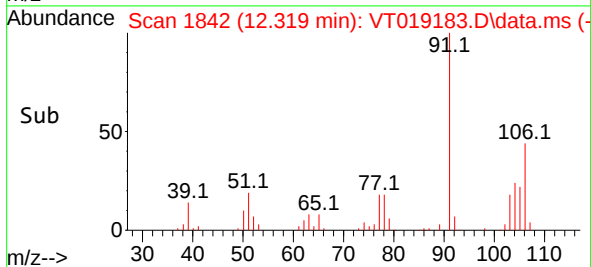
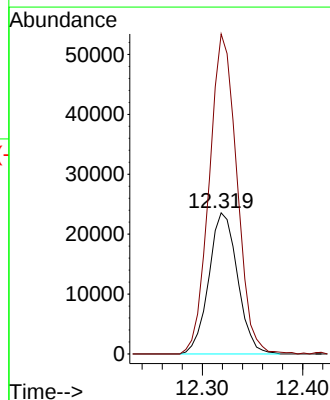
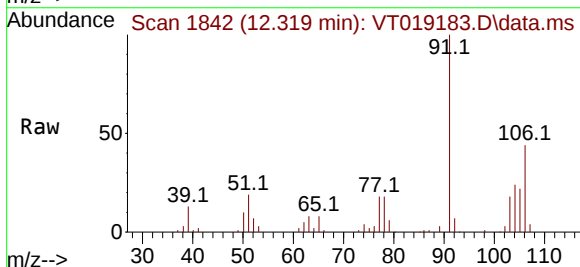
Acq: 27 Oct 2025 7:36

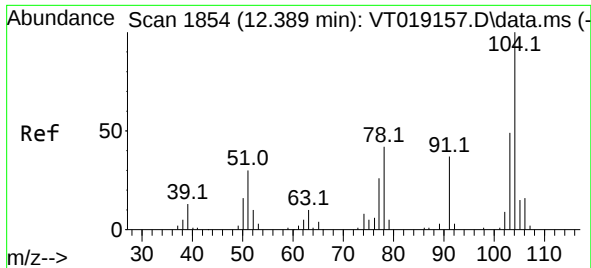
Tgt Ion:106 Resp: 46893

Ion Ratio Lower Upper

106 100

91 218.3 111.3 333.8

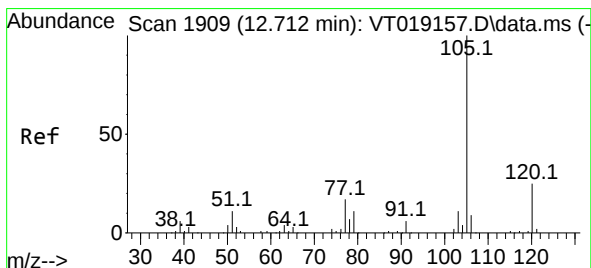
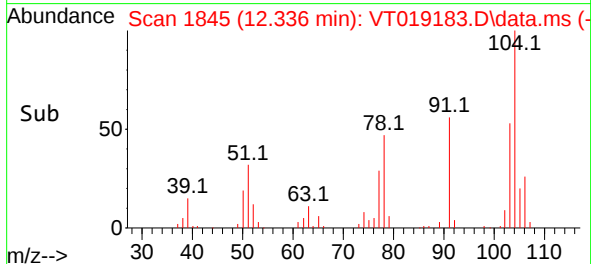
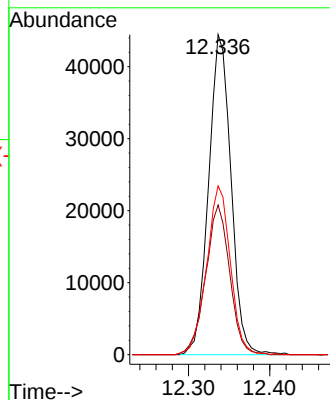
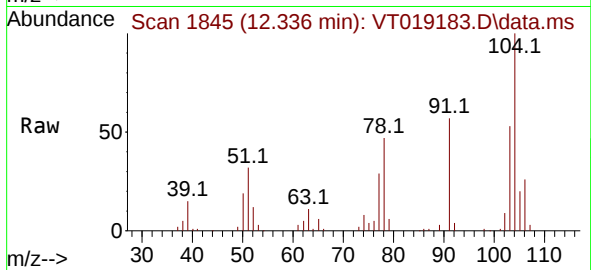




#69
Styrene
Concen: 18.317 ug/l
RT: 12.336 min Scan# 11
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

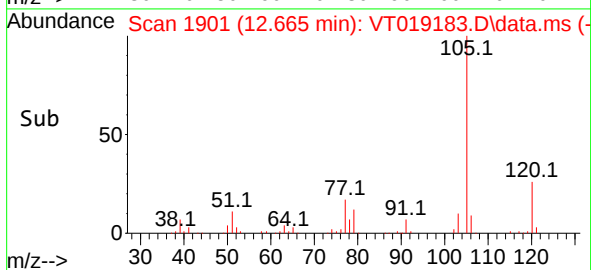
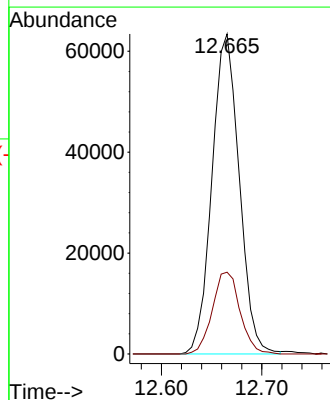
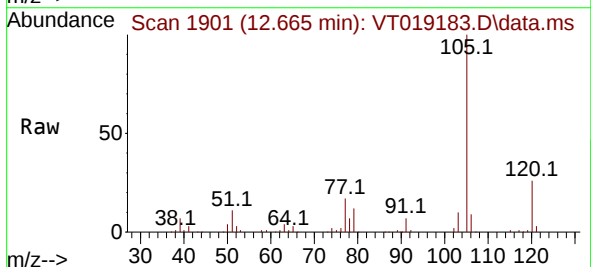
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

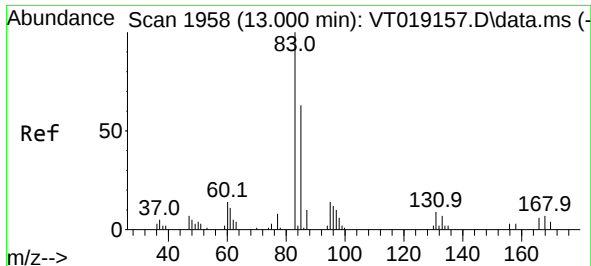
Tgt Ion:104 Resp: 85192
Ion Ratio Lower Upper
104 100
78 50.1 42.6 63.8
103 55.7 43.5 65.3



#70
Isopropylbenzene
Concen: 18.863 ug/l
RT: 12.665 min Scan# 1901
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion:105 Resp: 119861
Ion Ratio Lower Upper
105 100
120 25.9 17.8 33.0

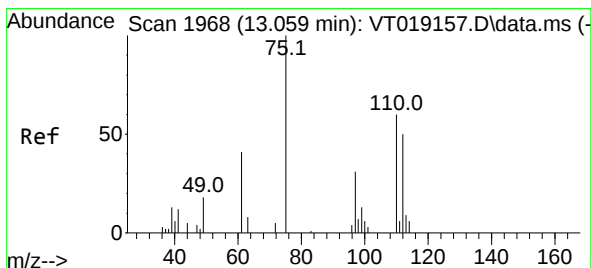
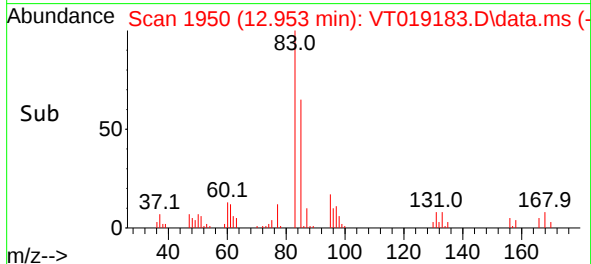
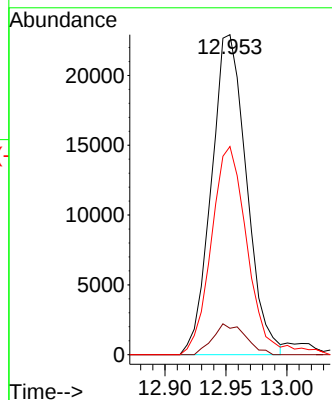
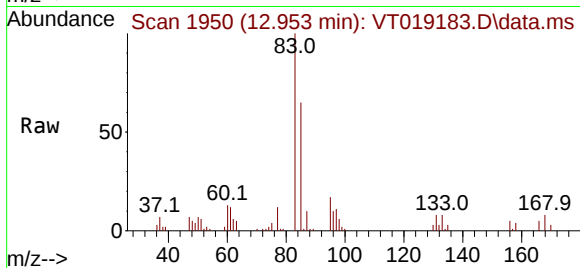




#71
1,1,2,2-Tetrachloroethane
Concen: 18.410 ug/l
RT: 12.953 min Scan# 1950
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

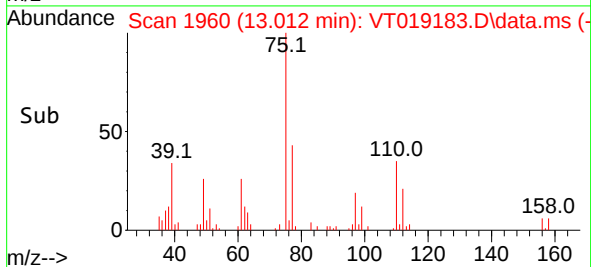
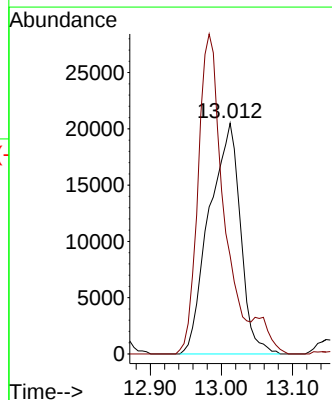
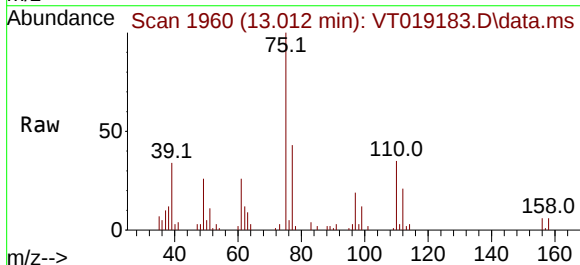
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

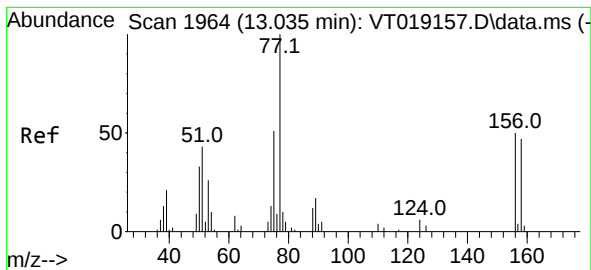
Tgt Ion: 83 Resp: 45899
Ion Ratio Lower Upper
83 100
131 9.0 6.0 18.0
85 67.0 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 34.047 ug/l
RT: 13.012 min Scan# 1960
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 75 Resp: 62659
Ion Ratio Lower Upper
75 100
77 113.0 0.0 74.2#





#73

Bromobenzene

Concen: 18.920 ug/l

RT: 12.983 min Scan# 1955

Delta R.T. -0.052 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

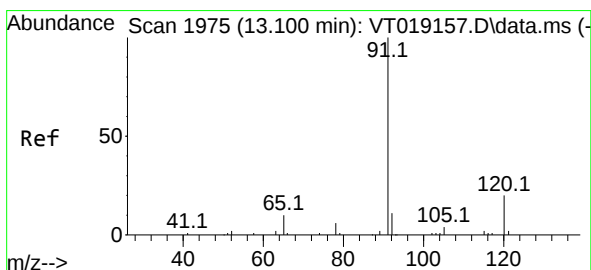
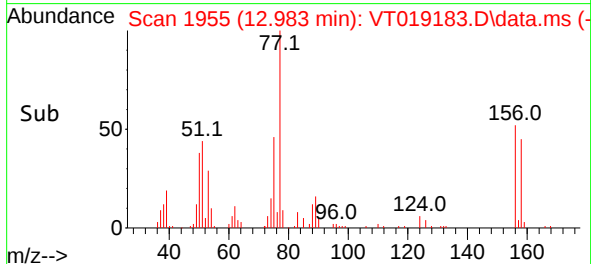
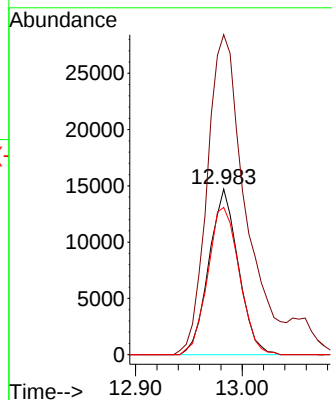
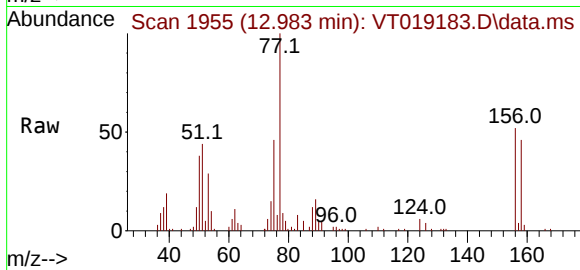
Tgt Ion:156 Resp: 28271

Ion Ratio Lower Upper

156 100

77 250.4 0.0 340.8

158 95.5 0.0 189.0



#74

n-propylbenzene

Concen: 11.414 ug/l

RT: 13.153 min Scan# 1984

Delta R.T. 0.053 min

Lab File: VT019183.D

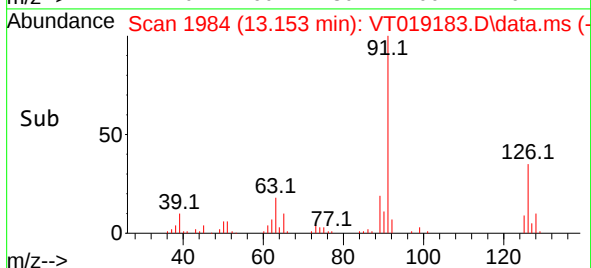
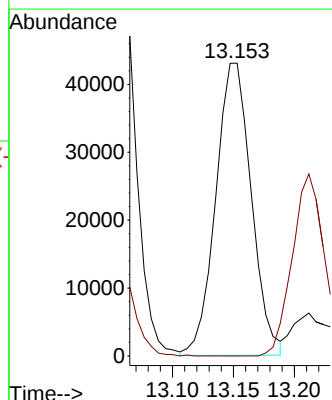
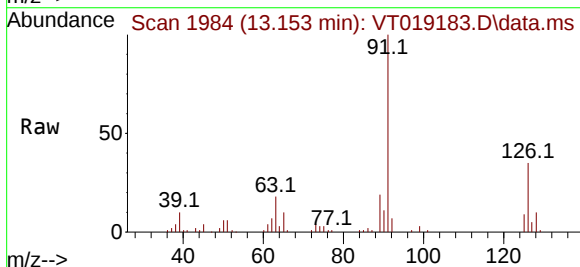
Acq: 27 Oct 2025 7:36

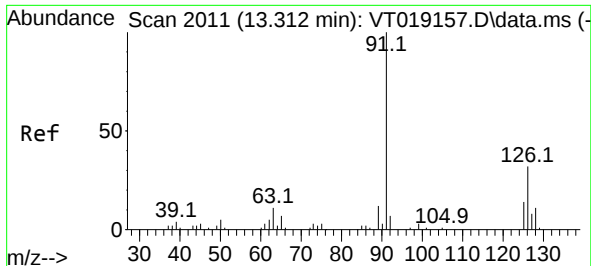
Tgt Ion: 91 Resp: 87458

Ion Ratio Lower Upper

91 100

120 0.1 0.0 44.4

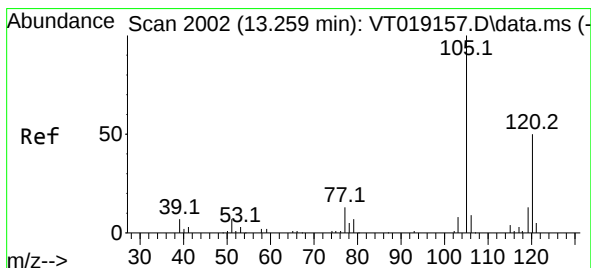
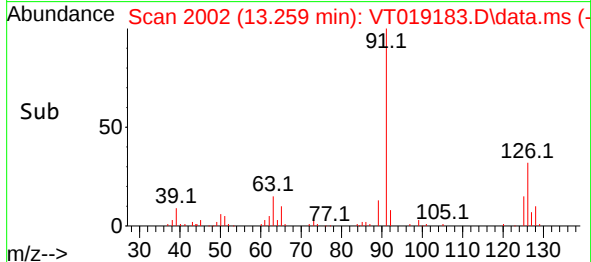
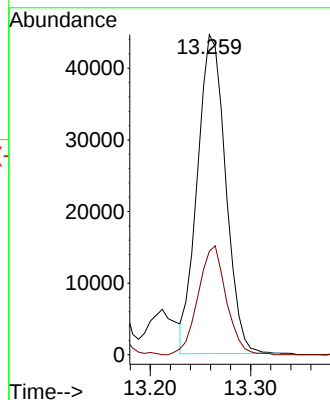
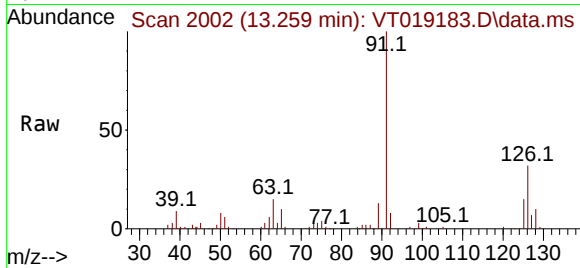




#75
2-Chlorotoluene
Concen: 18.596 ug/l
RT: 13.259 min Scan# 2011
Delta R.T. -0.053 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

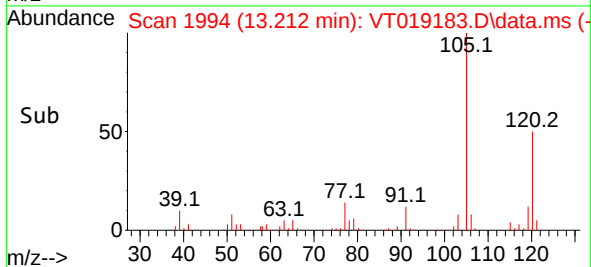
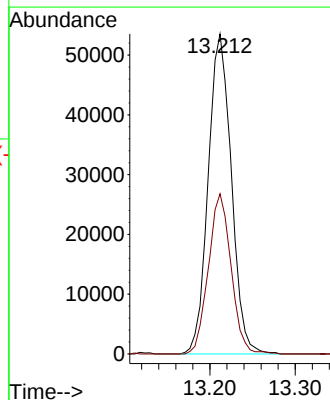
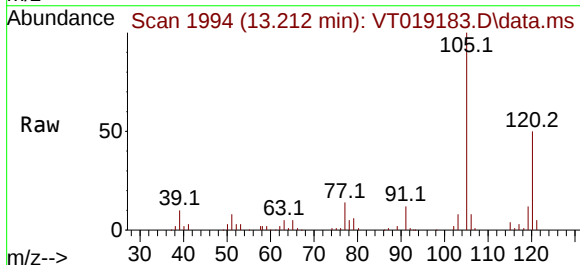
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

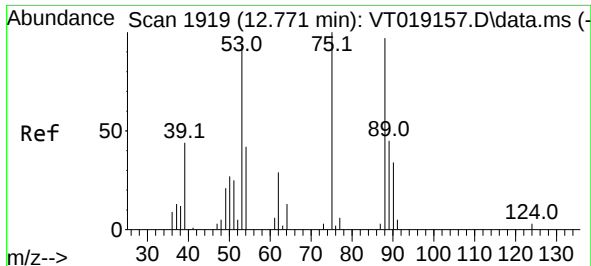
Tgt Ion: 91 Resp: 87225
Ion Ratio Lower Upper
91 100
126 33.8 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 19.354 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 105 Resp: 100894
Ion Ratio Lower Upper
105 100
120 48.7 0.0 93.0

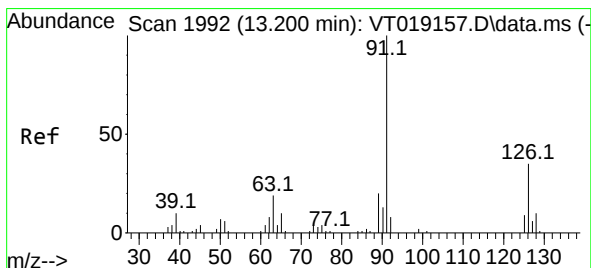
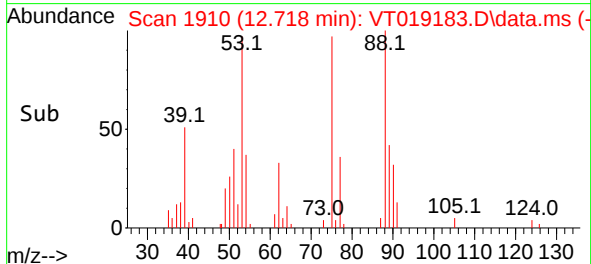
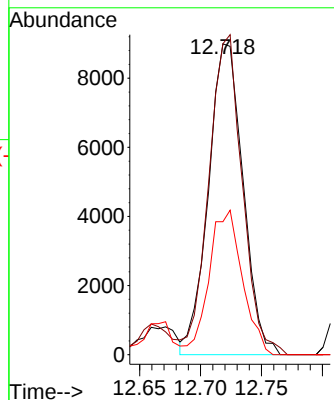
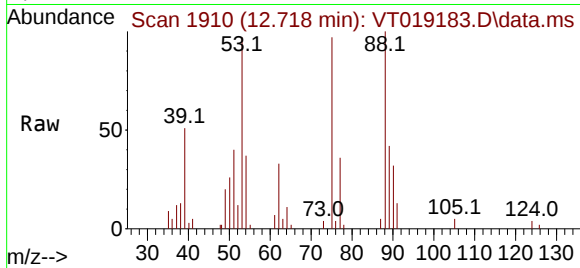




#77
t-1,4-Dichloro-2-butene
Concen: 19.845 ug/l
RT: 12.718 min Scan# 1910
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

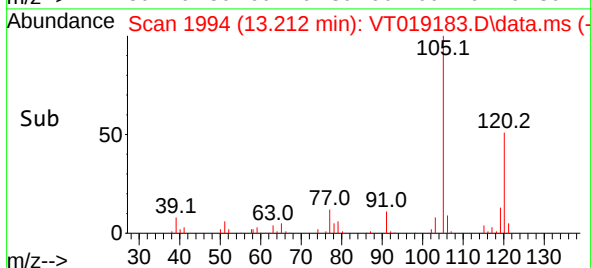
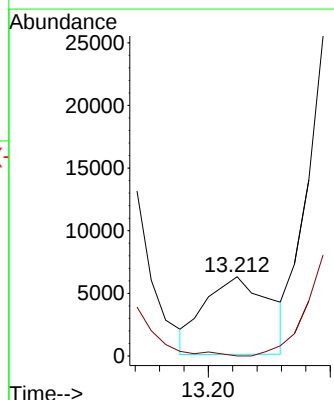
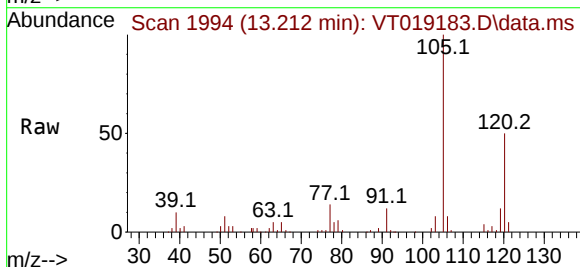
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

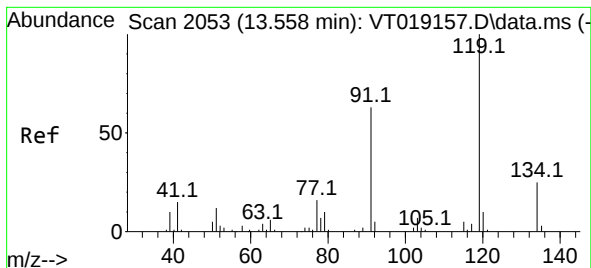
Tgt Ion: 75 Resp: 17746
Ion Ratio Lower Upper
75 100
53 97.8 48.4 145.2
89 42.8 33.8 101.3



#78
4-Chlorotoluene
Concen: 2.486 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 91 Resp: 11501
Ion Ratio Lower Upper
91 100
126 1.4 0.0 57.2





#79

tert-butylbenzene

Concen: 19.035 ug/l

RT: 13.511 min Scan# 2045

Delta R.T. -0.047 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

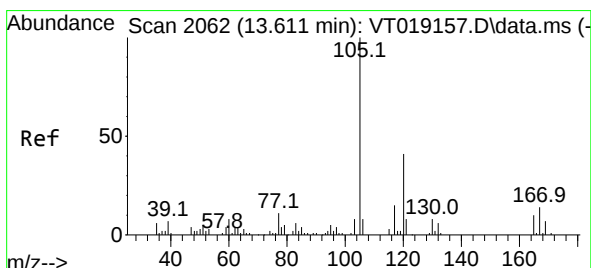
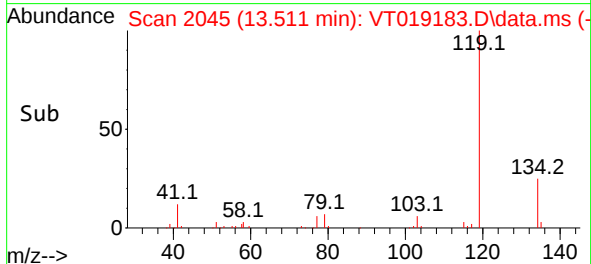
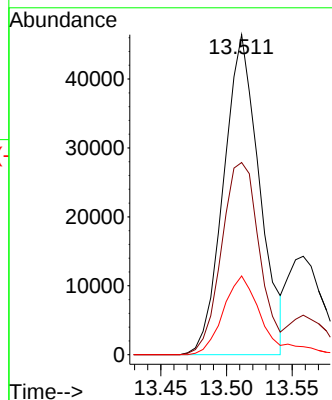
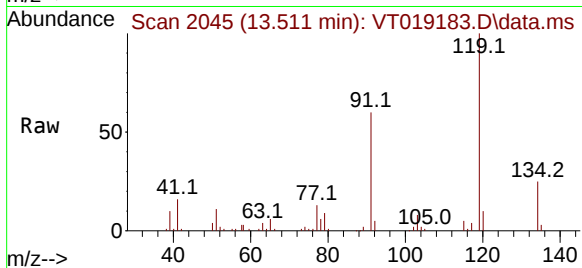
Tgt Ion:119 Resp: 88132

Ion Ratio Lower Upper

119 100

91 63.8 0.0 120.6

134 24.4 0.0 46.0



#80

1,2,4-Trimethylbenzene

Concen: 18.599 ug/l

RT: 13.559 min Scan# 2053

Delta R.T. -0.053 min

Lab File: VT019183.D

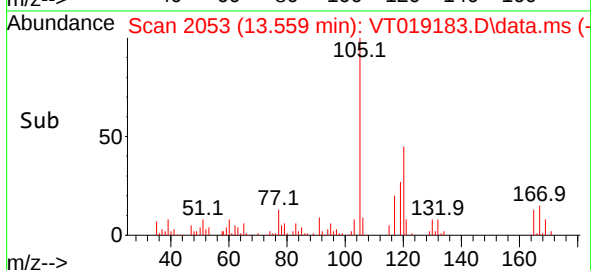
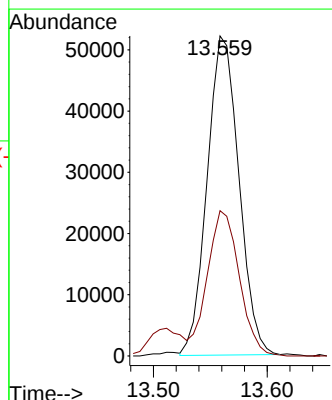
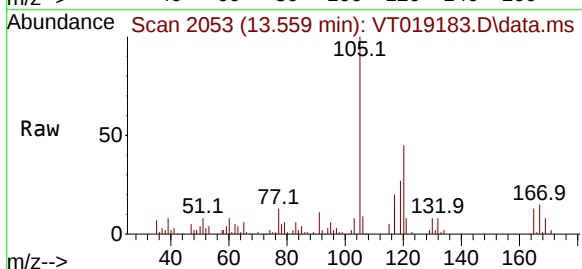
Acq: 27 Oct 2025 7:36

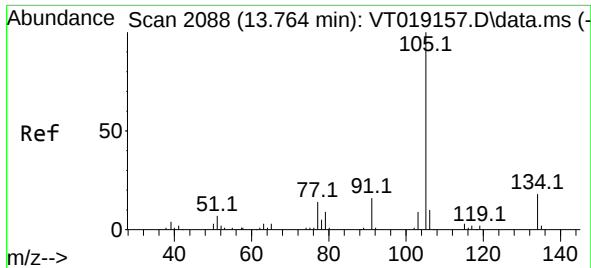
Tgt Ion:105 Resp: 101160

Ion Ratio Lower Upper

105 100

120 45.9 0.0 88.6

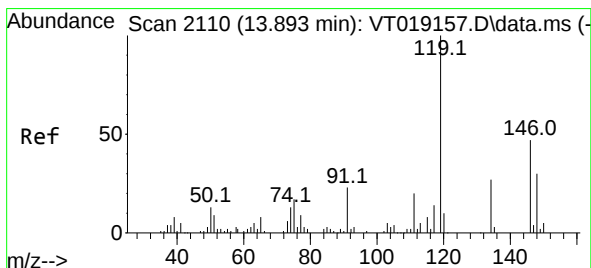
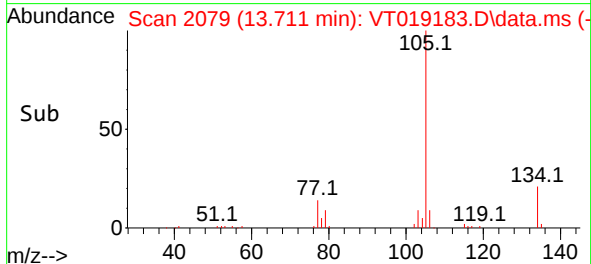
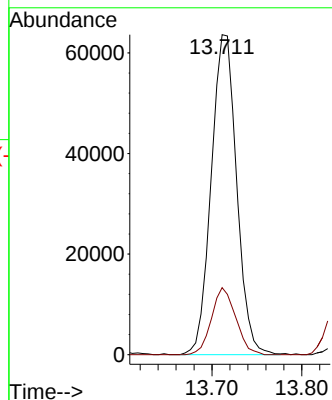
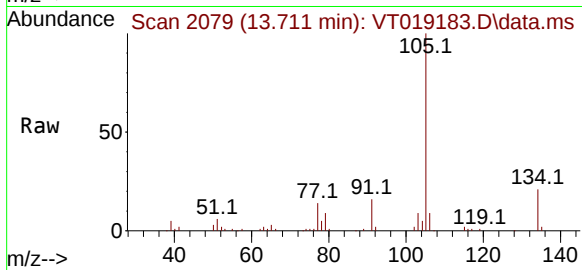




#81
 sec-Butylbenzene
 Concen: 18.761 ug/l
 RT: 13.711 min Scan# 2088
 Delta R.T. -0.053 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

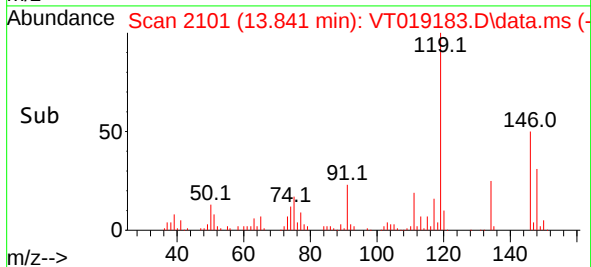
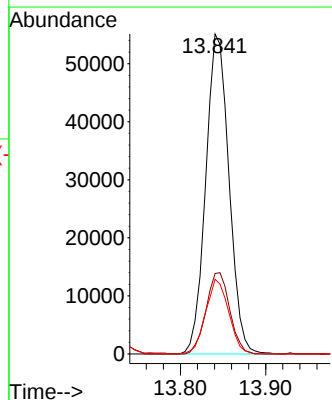
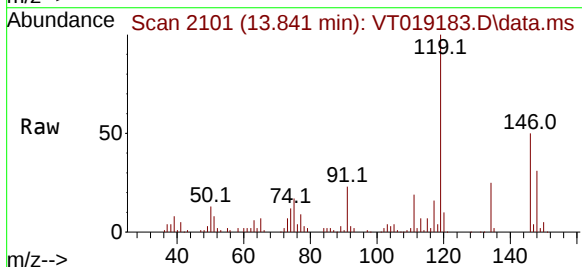
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

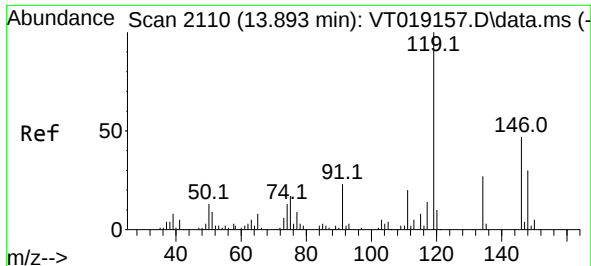
Tgt Ion:105 Resp: 125161
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.828 ug/l
 RT: 13.841 min Scan# 2101
 Delta R.T. -0.052 min
 Lab File: VT019183.D
 Acq: 27 Oct 2025 7:36

Tgt Ion:119 Resp: 104495
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 50.8
 91 23.1 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 19.392 ug/l

RT: 13.935 min Scan# 2117

Delta R.T. 0.042 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

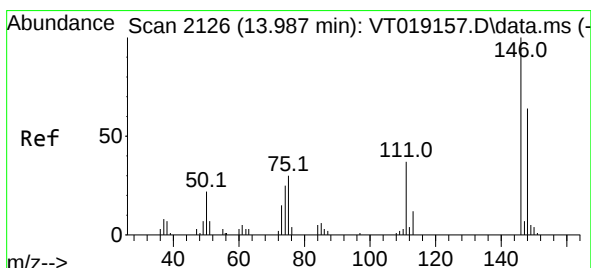
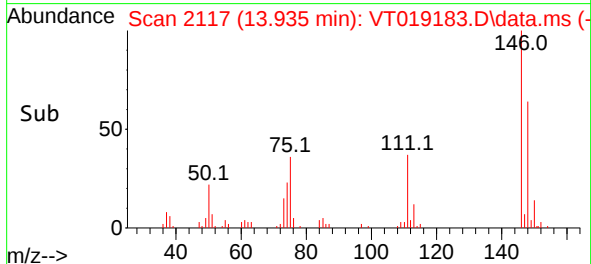
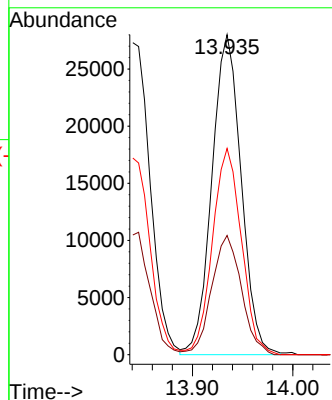
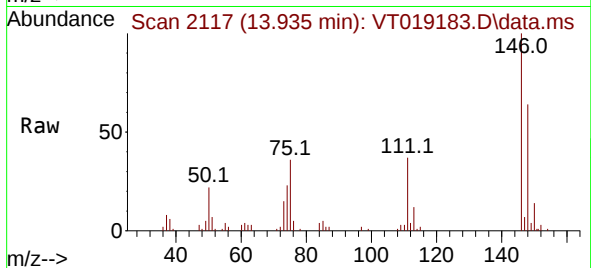
Tgt Ion:146 Resp: 56828

Ion Ratio Lower Upper

146 100

111 37.8 20.7 62.1

148 63.9 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 19.261 ug/l

RT: 13.935 min Scan# 2117

Delta R.T. -0.046 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

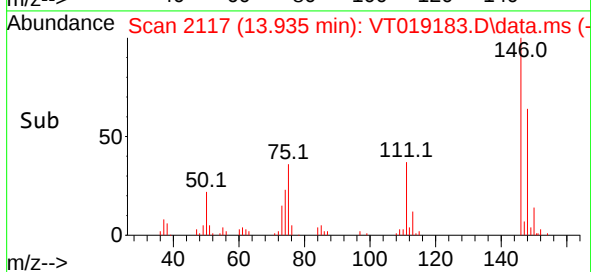
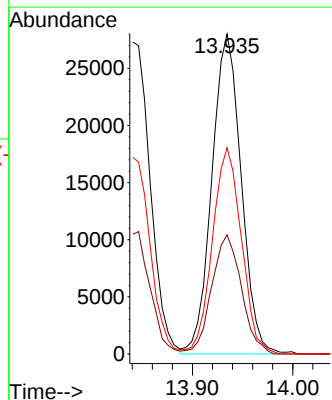
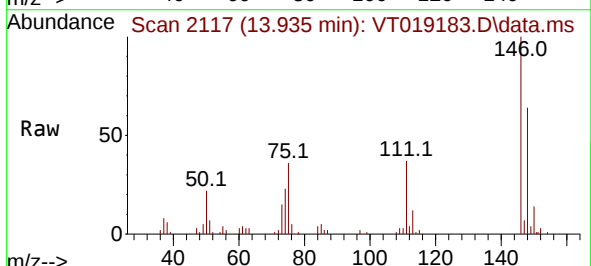
Tgt Ion:146 Resp: 56828

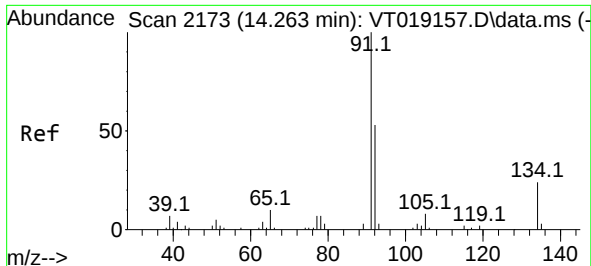
Ion Ratio Lower Upper

146 100

111 37.8 20.4 61.3

148 63.9 32.3 96.8





#85

n-Butylbenzene

Concen: 18.471 ug/l

RT: 14.211 min Scan# 2173

Delta R.T. -0.052 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

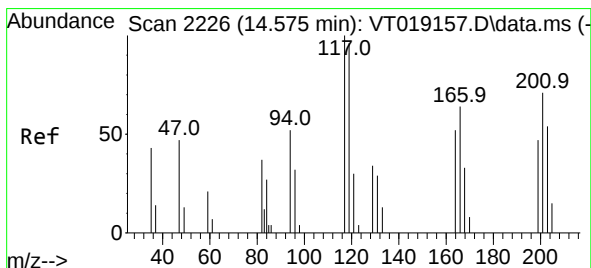
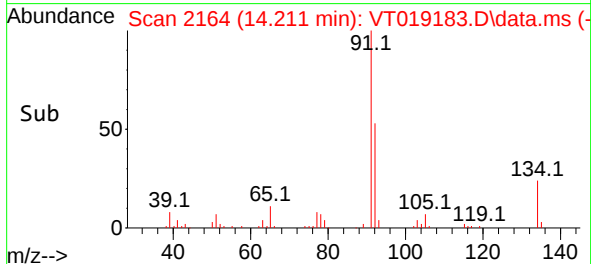
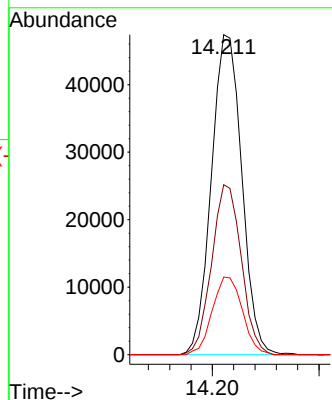
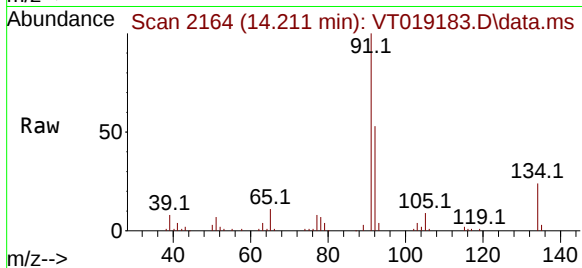
Tgt Ion: 91 Resp: 93823

Ion Ratio Lower Upper

91 100

92 51.7 0.0 107.8

134 24.0 0.0 50.0



#86

Hexachloroethane

Concen: 21.617 ug/l

RT: 14.522 min Scan# 2217

Delta R.T. -0.053 min

Lab File: VT019183.D

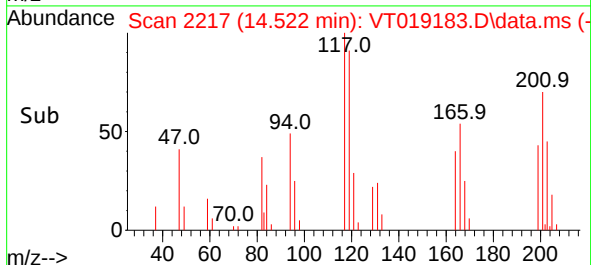
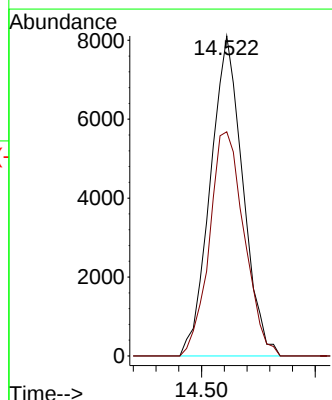
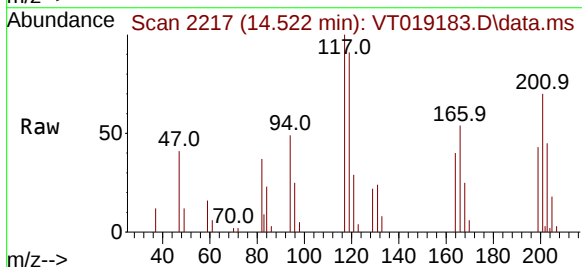
Acq: 27 Oct 2025 7:36

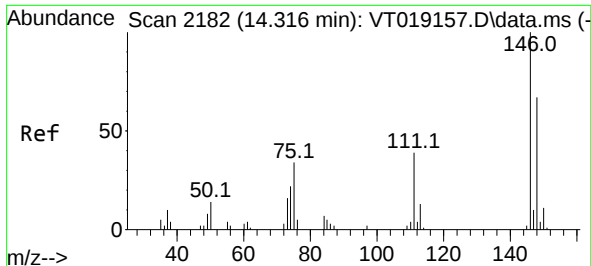
Tgt Ion: 117 Resp: 16078

Ion Ratio Lower Upper

117 100

201 75.1 0.5 1.5#

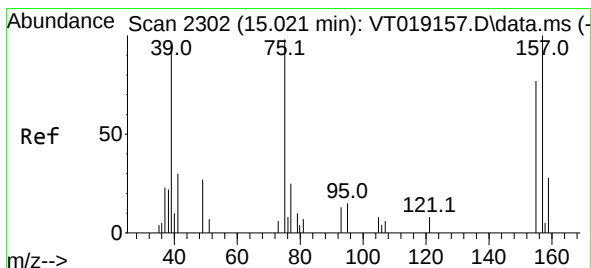
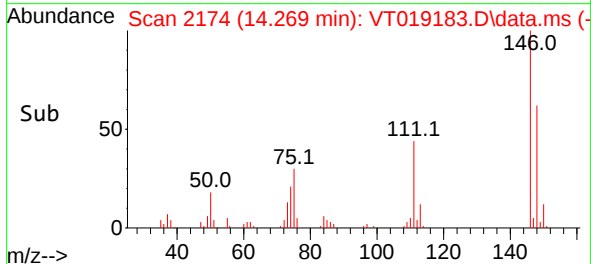
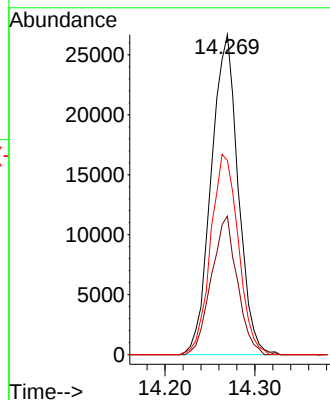
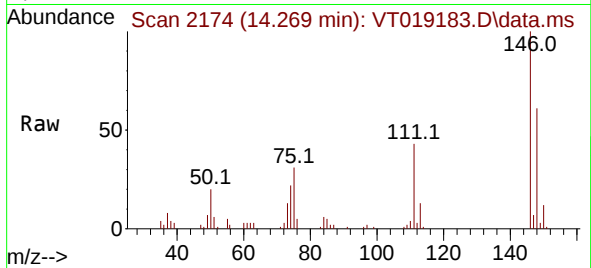




#87
1,2-Dichlorobenzene
Concen: 18.977 ug/l
RT: 14.269 min Scan# 2182
Delta R.T. -0.047 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

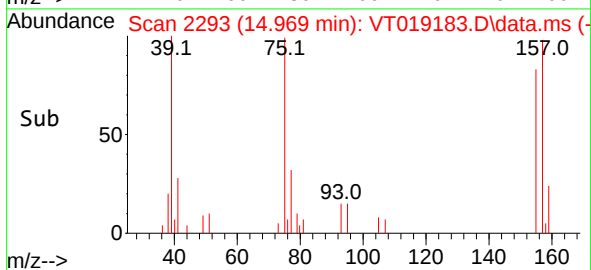
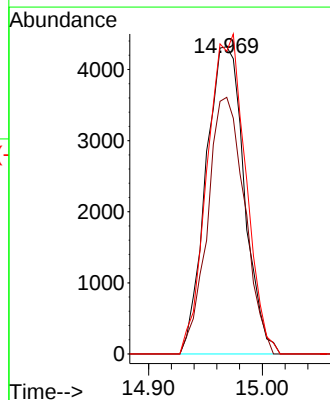
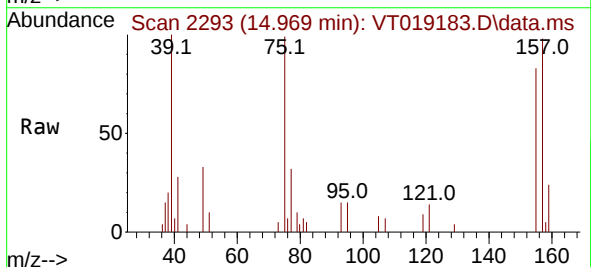
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

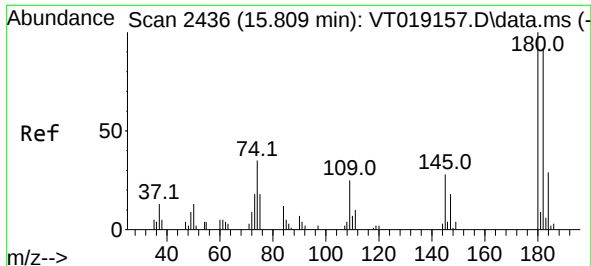
Tgt Ion:146 Resp: 55556
Ion Ratio Lower Upper
146 100
111 41.6 21.8 65.3
148 64.3 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.479 ug/l
RT: 14.969 min Scan# 2293
Delta R.T. -0.052 min
Lab File: VT019183.D
Acq: 27 Oct 2025 7:36

Tgt Ion: 75 Resp: 10122
Ion Ratio Lower Upper
75 100
155 80.7 65.4 98.2
157 103.9 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 18.683 ug/l

RT: 15.750 min Scan# 2436

Delta R.T. -0.059 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

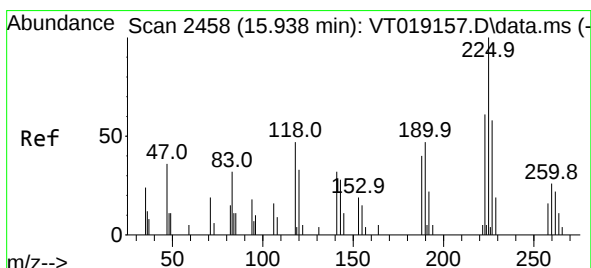
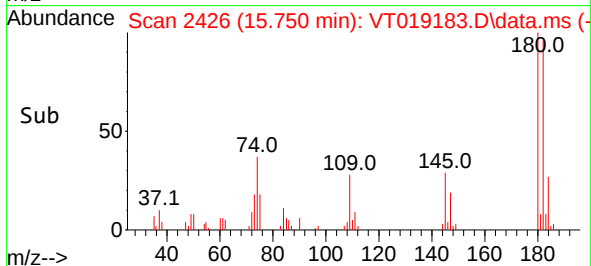
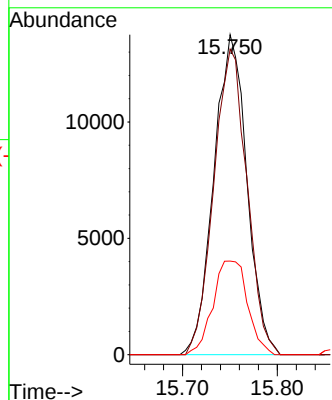
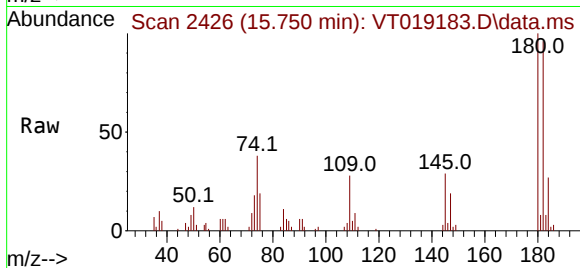
Tgt Ion:180 Resp: 33296

Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 30.7 26.5 39.7



#90

Hexachlorobutadiene

Concen: 19.648 ug/l

RT: 15.868 min Scan# 2446

Delta R.T. -0.070 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

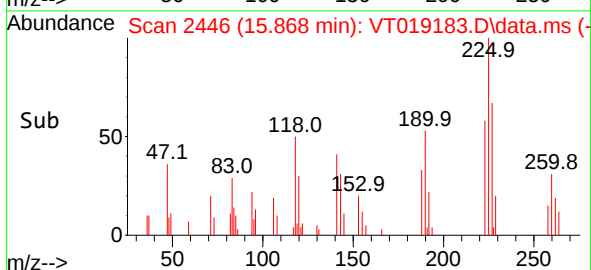
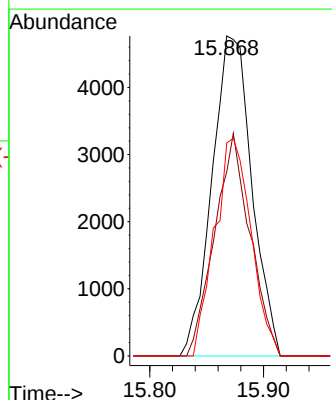
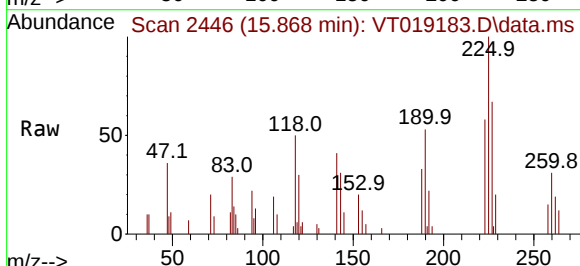
Tgt Ion:225 Resp: 11610

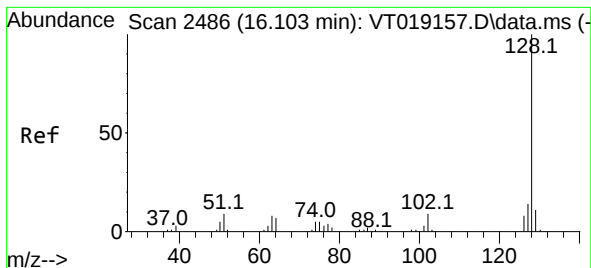
Ion Ratio Lower Upper

225 100

223 61.9 0.0 73.8

227 62.1 0.0 130.6





#91

Naphthalene

Concen: 17.604 ug/l

RT: 16.044 min Scan# 24

Delta R.T. -0.053 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

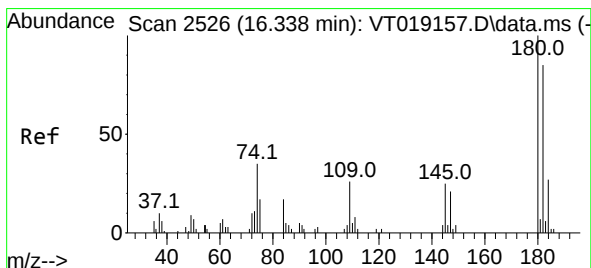
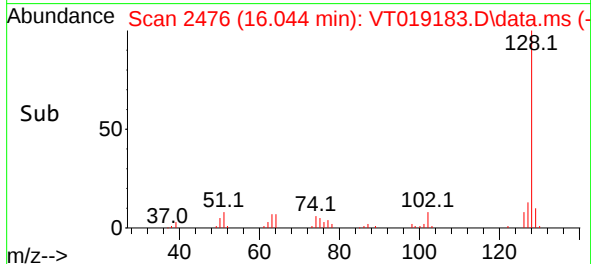
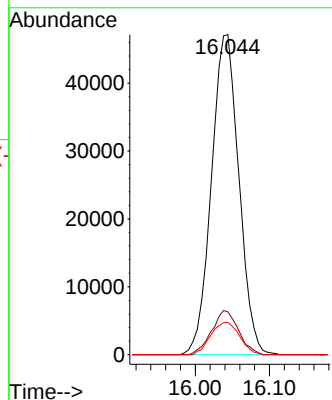
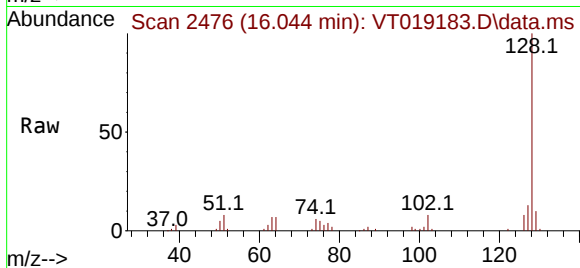
Tgt Ion:128 Resp: 121262

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.6 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 18.731 ug/l

RT: 16.273 min Scan# 2515

Delta R.T. -0.065 min

Lab File: VT019183.D

Acq: 27 Oct 2025 7:36

Tgt Ion:180 Resp: 33694

Ion Ratio Lower Upper

180 100

182 95.0 0.0 189.0

145 32.0 0.0 69.2

