

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
 Data File : VT019156.D
 Acq On : 22 Oct 2025 13:35
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 24 05:11:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 05:09:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.089	128	19045	30.000	ug/l	# 0.01
28) 1,4-Difluorobenzene	8.582	114	124337	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.755	117	104651	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.977	65	51618	30.936	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.133%	
60) 4-Bromofluorobenzene	12.889	95	48704	29.612	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.700%	
63) Toluene-d8	10.256	98	151798	29.802	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.889	85	5314	8.143	ug/l	92
3) Chloromethane	2.077	50	3856	3.116	ug/l	98
4) Vinyl Chloride	2.201	62	13799	9.848	ug/l	94
5) Bromomethane	2.565	94	12872	10.490	ug/l	97
6) Chloroethane	2.694	64	12773	10.529	ug/l	97
7) Trichlorofluoromethane	3.000	101	21376	9.830	ug/l	96
8) Diethyl Ether	3.364	74	14091	10.525	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.693	101	8091	9.477	ug/l	97
10) 1,1-Dichloroethene	3.670	96	8318	9.726	ug/l	86
11) Methyl Iodide	3.881	142	7245	8.478	ug/l	# 13
12) Methyl Acetate	4.234	43	39595	11.708	ug/l	98
13) Acrolein	3.546	56	5024	44.047	ug/l	95
14) Acrylonitrile	4.857	53	54344	52.133	ug/l	99
15) Acetone	3.746	58	18728	50.426	ug/l	98
16) Carbon Disulfide	3.975	76	16013	10.025	ug/l	99
17) Allyl chloride	4.234	41	20096	9.885	ug/l	87
18) Methylene Chloride	4.451	84	13914	10.908	ug/l	87
19) trans-1,2-Dichloroethene	6.696	96	13632	10.360	ug/l	98
20) Diisopropyl ether	5.814	45	52539	10.152	ug/l	# 67
21) 1,1-Dichloroethane	5.714	63	25018	10.346	ug/l	98
22) cis-1,2-Dichloroethene	6.696	96	13632	10.360	ug/l	94
23) tert-Butyl Alcohol	4.674	59	23071	50.518	ug/l	# 100
24) Methyl tert-Butyl Ether	4.921	73	52859	10.275	ug/l	97
25) Chloroform	7.277	83	22886	10.346	ug/l	96
26) Cyclohexane	7.571	56	14222	10.022	ug/l	# 97
29) 1,1-Dichloropropene	7.718	75	12383	9.518	ug/l	95
30) 2-Butanone	6.713	43	78674	49.058	ug/l	99
31) 2,2-Dichloropropane	6.702	77	18581	9.754	ug/l	93
32) 1,1,1-Trichloroethane	7.477	97	16094	9.818	ug/l	# 80
33) Carbon Tetrachloride	7.700	117	9774	9.306	ug/l	# 93
34) Benzene	7.988	78	47933	9.944	ug/l	# 66
35) Methacrylonitrile	7.066	41	14567	10.672	ug/l	95
36) 1,2-Dichloroethane	8.076	62	17984	10.064	ug/l	96
37) Trichloroethene	8.852	130	8817	9.943	ug/l	98
38) Methylcyclohexane	9.128	83	11813	9.016	ug/l	97
39) 1,2-Dichloropropane	9.175	63	12479	9.885	ug/l	# 89
40) Dibromomethane	9.269	93	8062	10.357	ug/l	# 73
41) Bromodichloromethane	10.791	83	10227	10.228	ug/l	# 96
42) Vinyl Acetate	5.756	43	179148	45.532	ug/l	99

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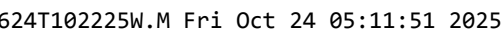
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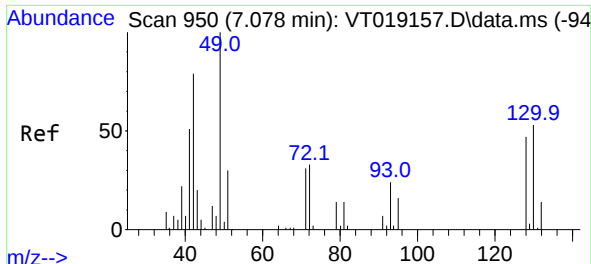
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.807	43	26330	9.988	ug/l #	92
44) Isopropyl Acetate	8.129	43	40868	9.850	ug/l	98
45) 1,4-Dioxane	9.269	88	7043	195.671	ug/l #	71
46) Methyl methacrylate	9.263	41	18097	9.755	ug/l	81
47) n-amyl Acetate	12.501	43	25343	9.077	ug/l	99
48) t-1,3-Dichloropropene	10.591	75	17455	9.621	ug/l	99
49) cis-1,3-Dichloropropene	9.974	75	18724	9.825	ug/l	98
50) 1,1,2-Trichloroethane	10.791	97	11276	9.849	ug/l	89
51) Ethyl methacrylate	10.644	69	20774	9.682	ug/l	93
52) 1,3-Dichloropropane	10.955	76	21120	10.328	ug/l	100
53) Dibromochloromethane	11.179	129	10051	9.406	ug/l #	1
54) 1,2-Dibromoethane	11.302	107	10774	10.118	ug/l	97
55) 2-Chloroethyl vinyl ether	9.816	63	26496	42.341	ug/l	98
56) Bromoform	12.577	173	6338	9.027	ug/l #	23
58) 4-Methyl-2-Pentanone	10.139	43	123855	48.327	ug/l	98
59) 2-Hexanone	10.139	43	123855	48.327	ug/l #	83
61) Tetrachloroethene	10.867	164	6232	9.421	ug/l	94
62) Toluene	10.333	91	45305	9.665	ug/l	99
64) Chlorobenzene	11.790	112	28050	9.797	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.872	131	8713	9.343	ug/l	90
66) Ethyl Benzene	11.872	91	48125	9.447	ug/l	98
67) m/p-Xylenes	12.001	106	36011	19.016	ug/l	99
68) o-Xylene	12.371	106	19224	9.835	ug/l	94
69) Styrene	12.389	104	33925	9.667	ug/l	95
70) Isopropylbenzene	12.712	105	46466	9.691	ug/l	99
71) 1,1,2,2-Tetrachloroethane	13.000	83	19132	10.170	ug/l #	97
72) 1,2,3-Trichloropropane	13.065	75	24130	16.274	ug/l	56
73) Bromobenzene	13.035	156	11619	10.305	ug/l	69
74) n-propylbenzene	13.106	91	55248	9.556	ug/l	98
75) 2-Chlorotoluene	13.312	91	33899	9.578	ug/l	100
76) 1,3,5-Trimethylbenzene	13.259	105	37686	9.581	ug/l	96
77) t-1,4-Dichloro-2-butene	12.771	75	6028	8.935	ug/l	82
78) 4-Chlorotoluene	13.200	91	33217	9.514	ug/l	93
79) tert-butylbenzene	13.564	119	32930	9.426	ug/l	92
80) 1,2,4-Trimethylbenzene	13.611	105	38747	9.441	ug/l	99
81) sec-Butylbenzene	13.764	105	47115	9.360	ug/l	100
82) p-Isopropyltoluene	13.893	119	39041	9.323	ug/l	98
83) 1,3-Dichlorobenzene	13.893	146	21163	9.571	ug/l	100
84) 1,4-Dichlorobenzene	13.987	146	21276	9.557	ug/l	99
85) n-Butylbenzene	14.263	91	34176	8.917	ug/l	98
86) Hexachloroethane	14.575	117	4587	8.173	ug/l #	1
87) 1,2-Dichlorobenzene	14.316	146	21707	9.827	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	15.015	75	3854	9.325	ug/l	95
89) 1,2,4-Trichlorobenzene	15.809	180	13057	9.710	ug/l	92
90) Hexachlorobutadiene	15.932	225	4149	9.306	ug/l	80
91) Naphthalene	16.097	128	51289	9.868	ug/l	99
92) 1,2,3-Trichlorobenzene	16.337	180	12943	9.536	ug/l	97

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

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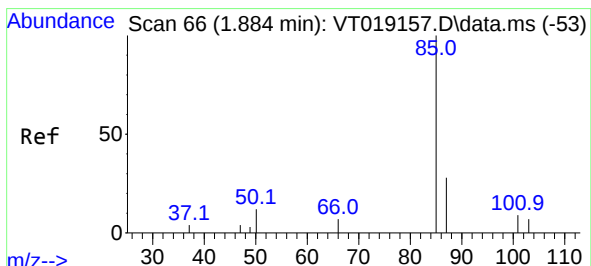
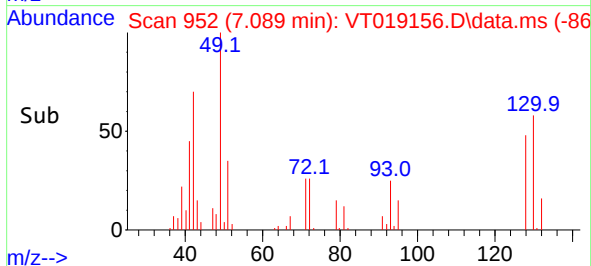
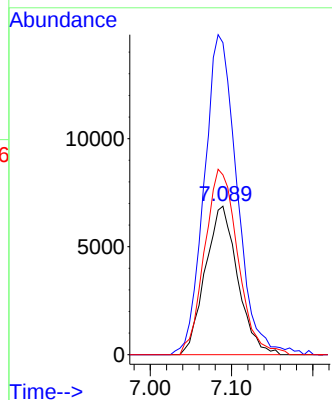
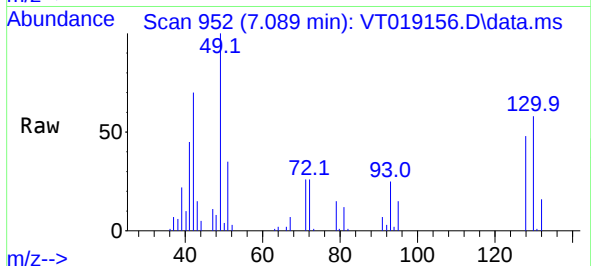




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.089 min Scan# 91
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

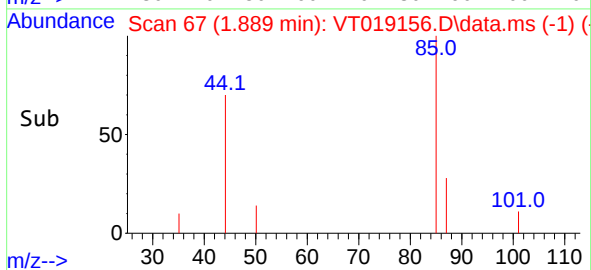
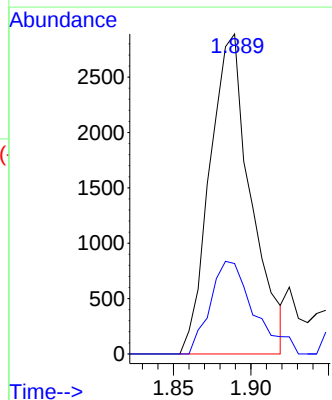
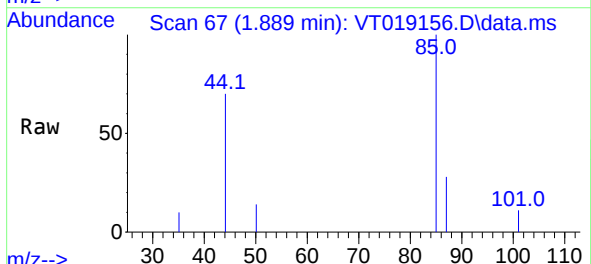
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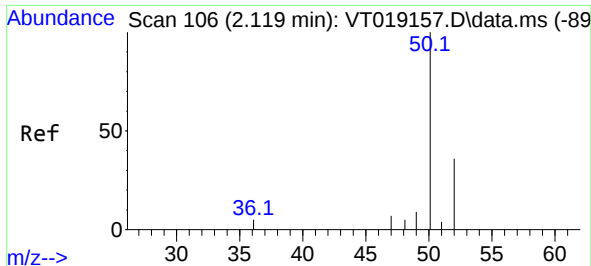
Tgt Ion:128 Resp: 19045
Ion Ratio Lower Upper
128 100
49 216.0 0.0 0.0#
130 128.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 8.143 ug/l
RT: 1.889 min Scan# 67
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 85 Resp: 5314
Ion Ratio Lower Upper
85 100
87 28.2 16.4 49.1

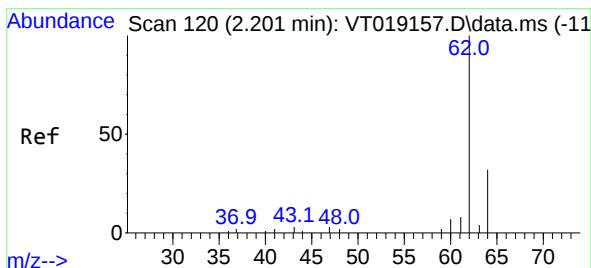
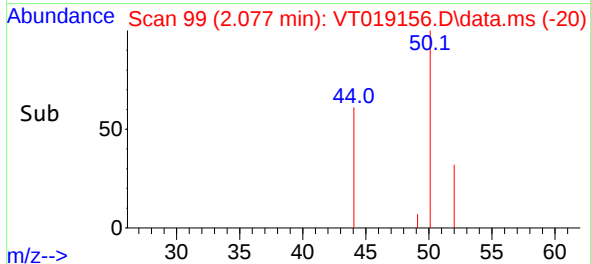
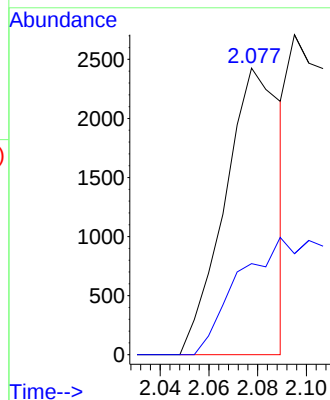
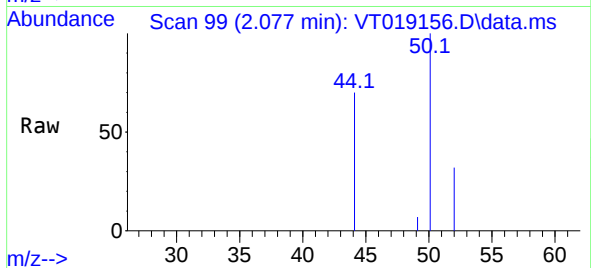




#3
Chloromethane
Concen: 3.116 ug/l
RT: 2.077 min Scan# 99
Delta R.T. -0.036 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

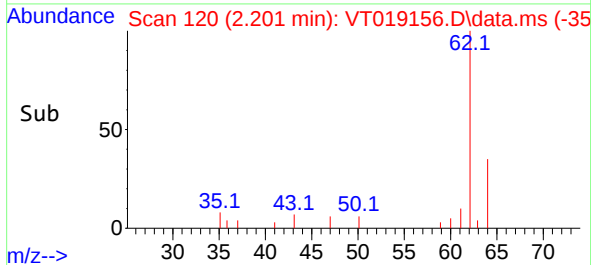
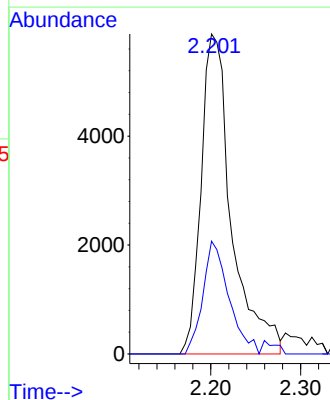
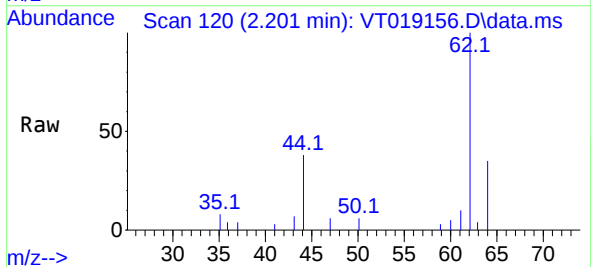
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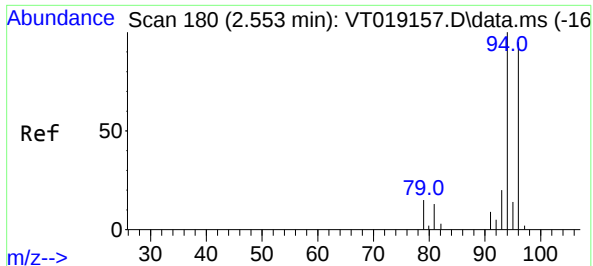
Tgt Ion: 50 Resp: 3856
Ion Ratio Lower Upper
50 100
52 31.8 24.4 36.6



#4
Vinyl Chloride
Concen: 9.848 ug/l
RT: 2.201 min Scan# 120
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 62 Resp: 13799
Ion Ratio Lower Upper
62 100
64 35.3 25.7 38.5

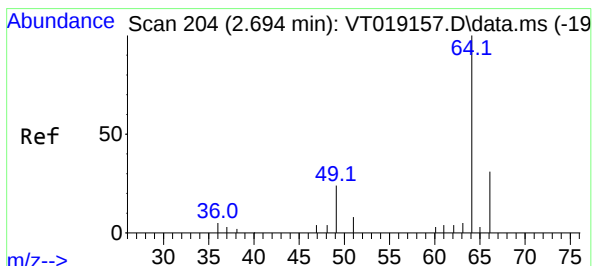
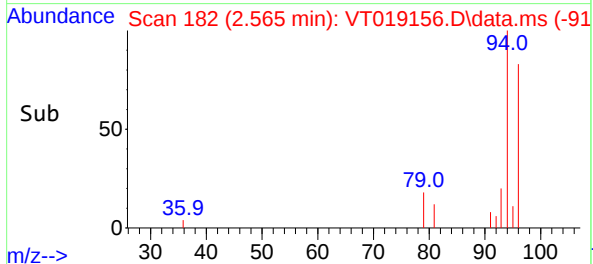
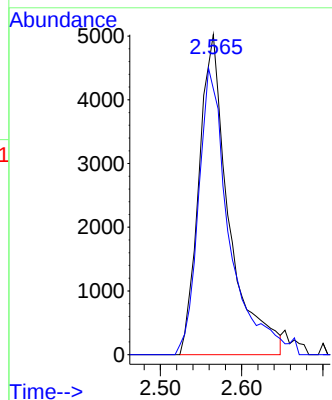
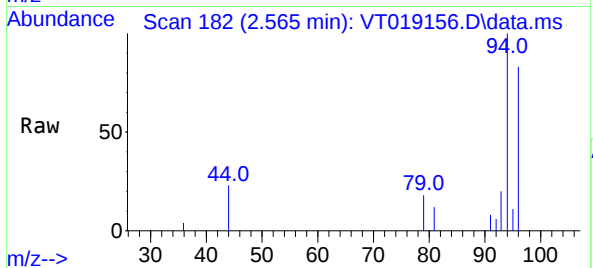




#5
Bromomethane
Concen: 10.490 ug/l
RT: 2.565 min Scan# 180
Delta R.T. 0.035 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

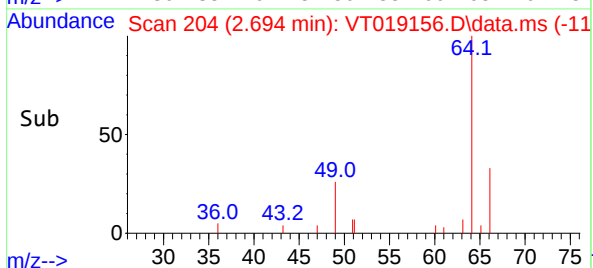
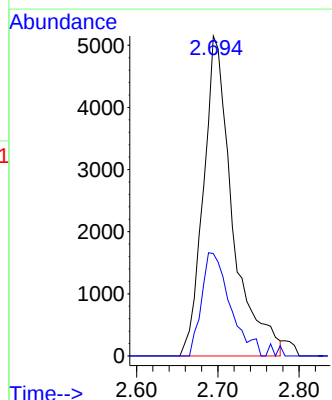
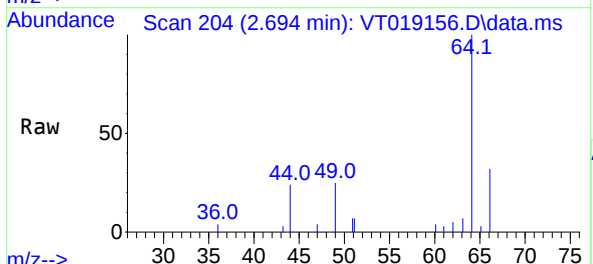
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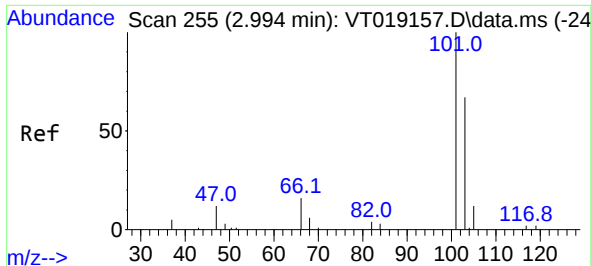
Tgt Ion: 94 Resp: 12872
Ion Ratio Lower Upper
94 100
96 80.1 66.0 99.0



#6
Chloroethane
Concen: 10.529 ug/l
RT: 2.694 min Scan# 204
Delta R.T. 0.017 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 64 Resp: 12773
Ion Ratio Lower Upper
64 100
66 32.0 24.3 36.5

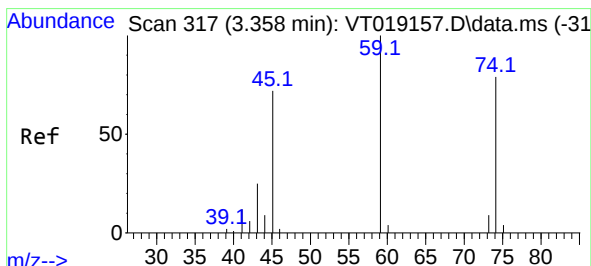
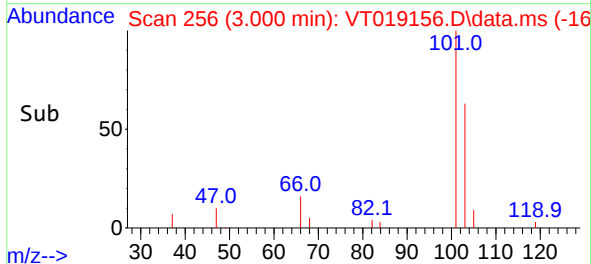
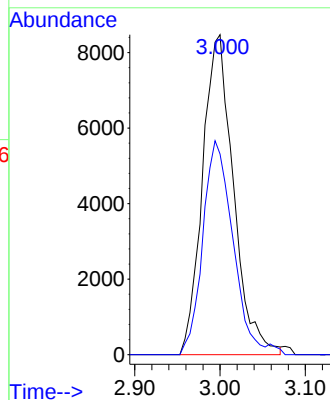
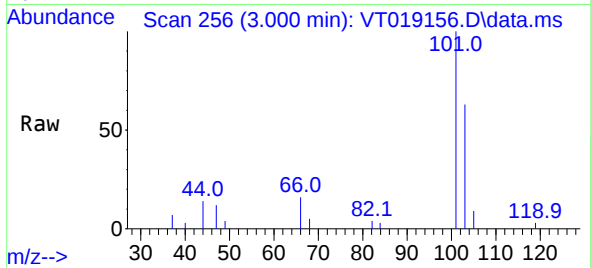




#7
Trichlorofluoromethane
Concen: 9.830 ug/l
RT: 3.000 min Scan# 21
Delta R.T. 0.018 min
Lab File: VT019156.D
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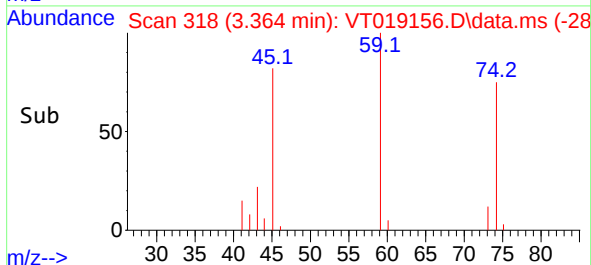
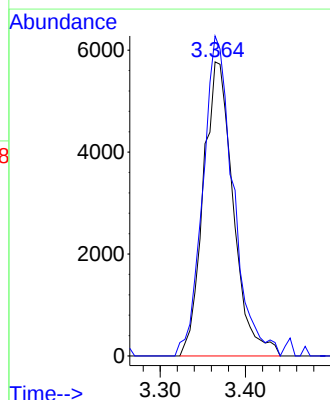
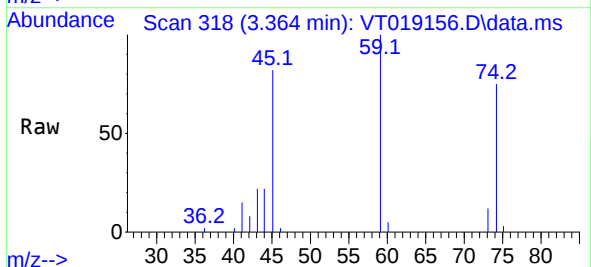
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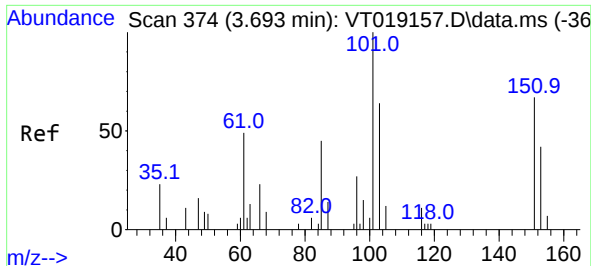
Tgt Ion:101 Resp: 21376
Ion Ratio Lower Upper
101 100
103 62.7 52.4 78.6



#8
Diethyl Ether
Concen: 10.525 ug/l
RT: 3.364 min Scan# 318
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 74 Resp: 14091
Ion Ratio Lower Upper
74 100
45 108.7 22.0 197.6

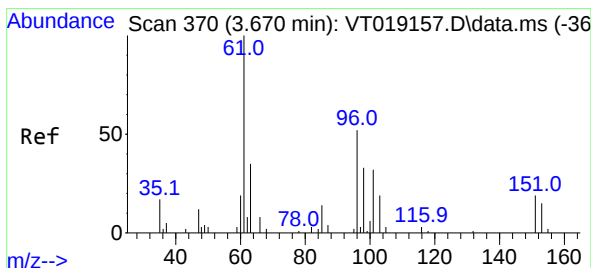
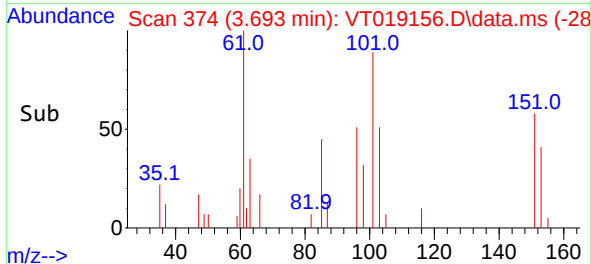
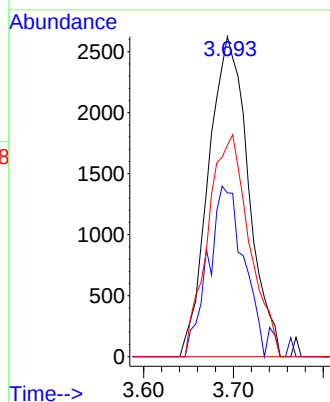
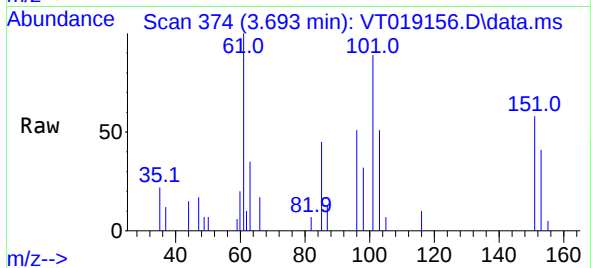




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.477 ug/l
RT: 3.693 min Scan# 31
Delta R.T. 0.011 min
Lab File: VT019156.D
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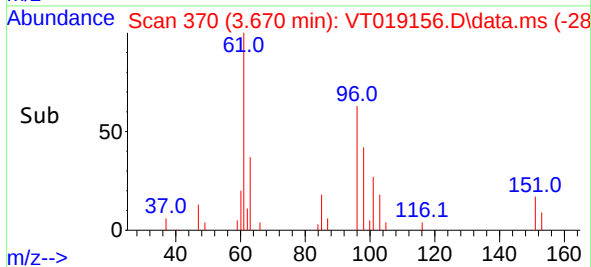
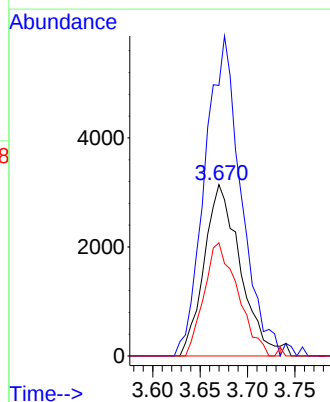
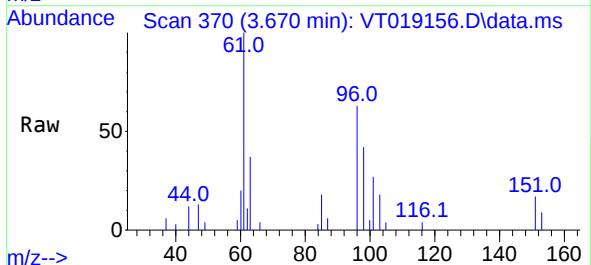
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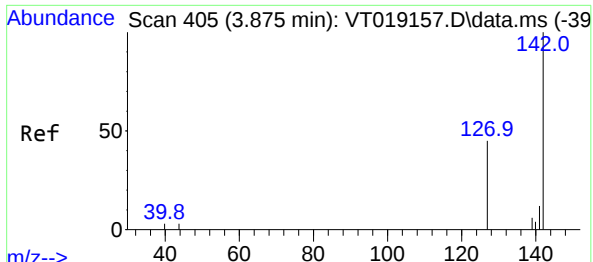
Tgt Ion:101 Resp: 8091
Ion Ratio Lower Upper
101 100
85 47.5 0.0 91.8
151 71.7 0.0 137.2



#10
1,1-Dichloroethene
Concen: 9.726 ug/l
RT: 3.670 min Scan# 370
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

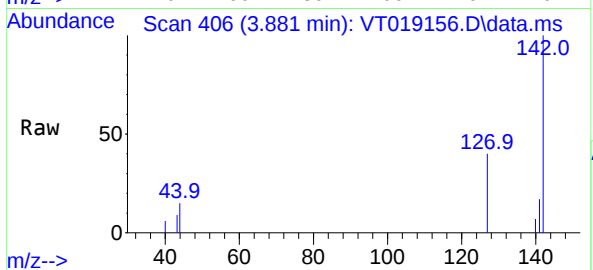
Tgt Ion: 96 Resp: 8318
Ion Ratio Lower Upper
96 100
61 157.9 145.5 218.3
98 66.0 49.5 74.3



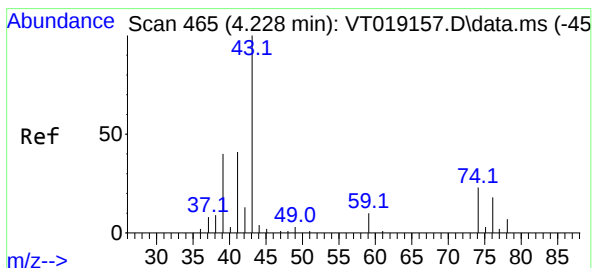
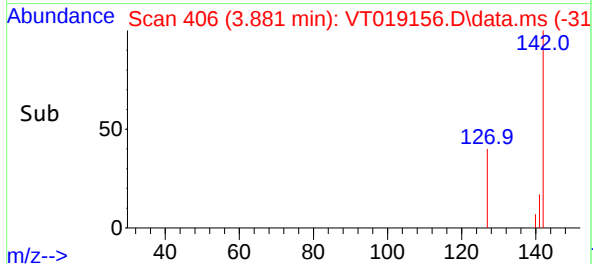
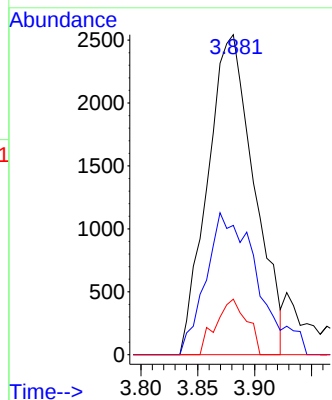


#11
Methyl Iodide
Concen: 8.478 ug/l
RT: 3.881 min Scan# 405
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

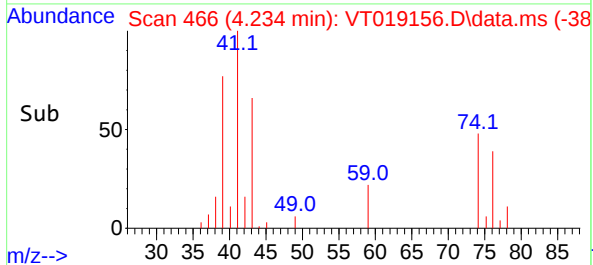
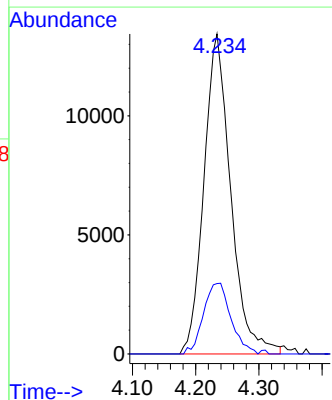
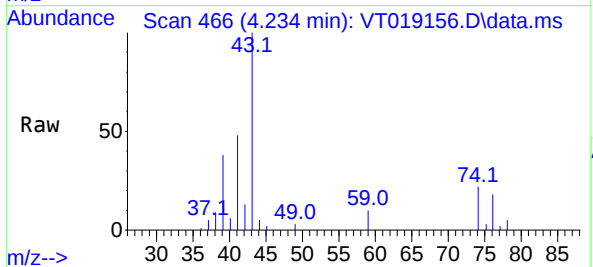


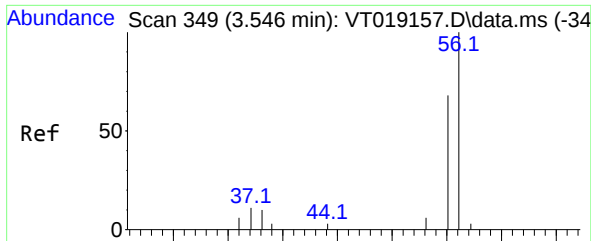
Tgt Ion:142 Resp: 7245
Ion Ratio Lower Upper
142 100
127 39.4 0.9 2.8#
141 18.7 55.5 166.5#



#12
Methyl Acetate
Concen: 11.708 ug/l
RT: 4.234 min Scan# 466
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

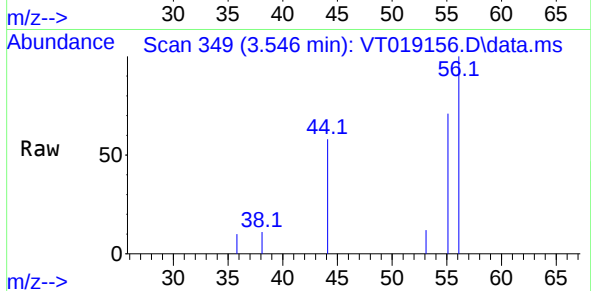
Tgt Ion: 43 Resp: 39595
Ion Ratio Lower Upper
43 100
74 22.3 18.4 27.6



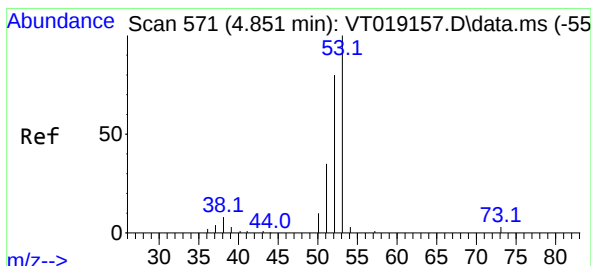
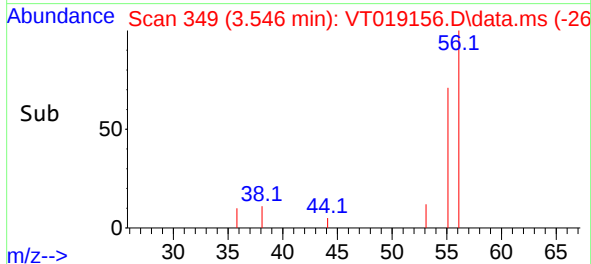
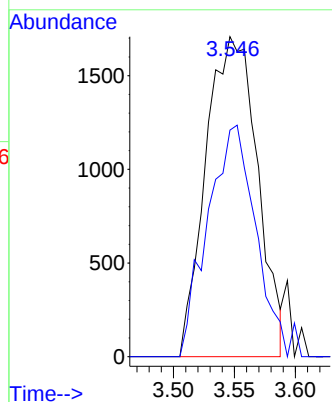


#13
Acrolein
Concen: 44.047 ug/l
RT: 3.546 min Scan# 349
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

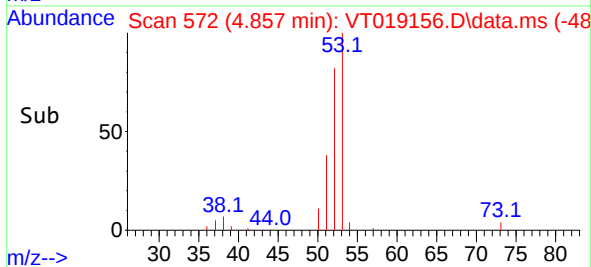
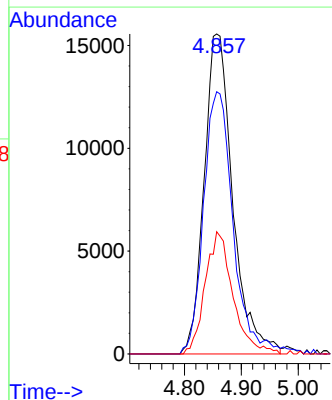
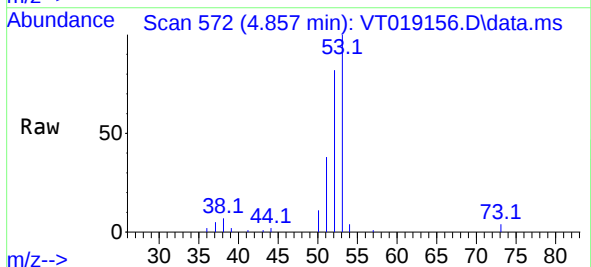


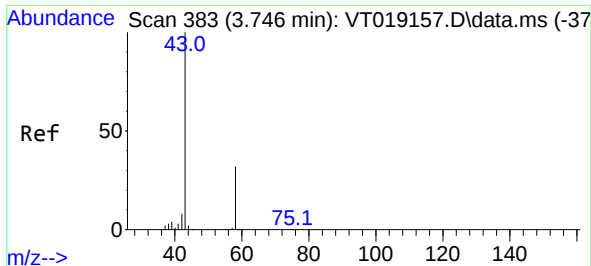
Tgt Ion: 56 Resp: 5024
Ion Ratio Lower Upper
56 100
55 66.8 56.8 85.2



#14
Acrylonitrile
Concen: 52.133 ug/l
RT: 4.857 min Scan# 572
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 53 Resp: 54344
Ion Ratio Lower Upper
53 100
52 82.4 41.3 123.7
51 36.3 17.2 51.5

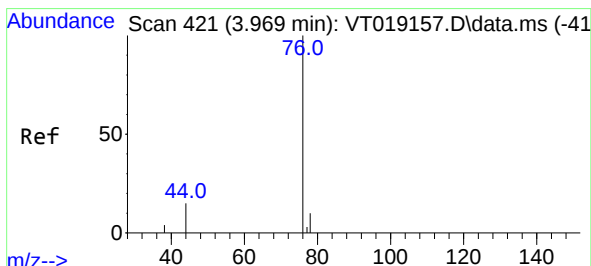
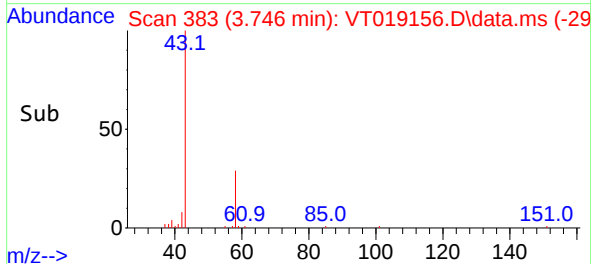
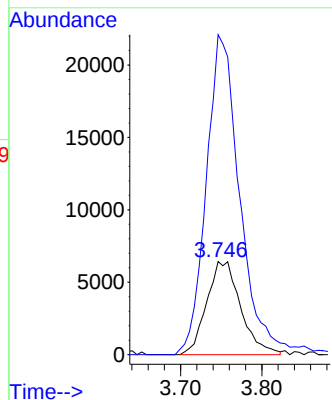
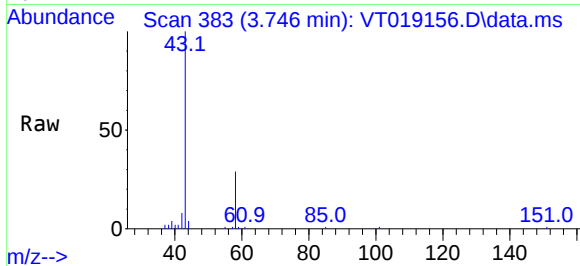




#15
Acetone
Concen: 50.426 ug/l
RT: 3.746 min Scan# 383
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

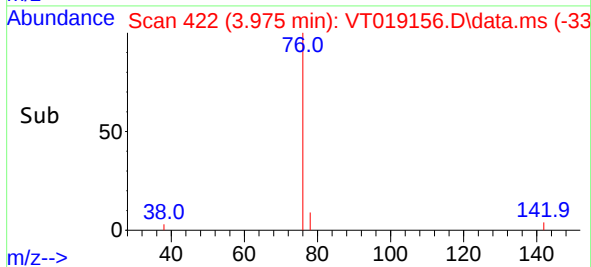
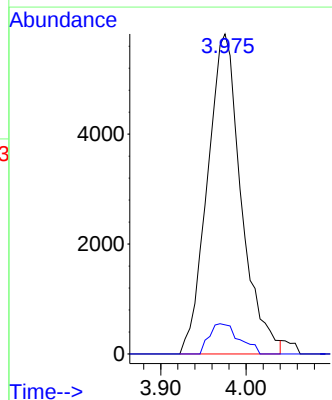
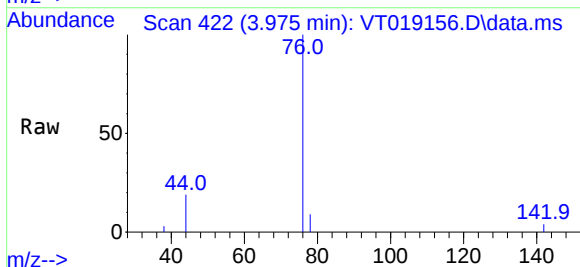
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

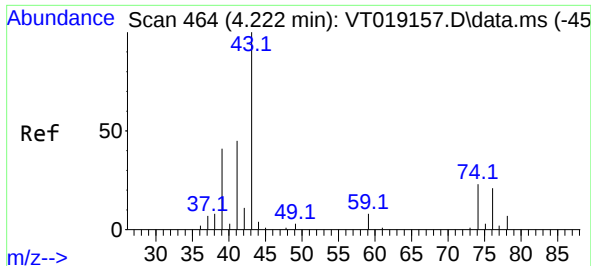
Tgt Ion: 58 Resp: 18728
Ion Ratio Lower Upper
58 100
43 338.2 266.9 400.3



#16
Carbon Disulfide
Concen: 10.025 ug/l
RT: 3.975 min Scan# 422
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 76 Resp: 16013
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17

Allyl chloride

Concen: 9.885 ug/l

RT: 4.234 min Scan# 41

Delta R.T. 0.012 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

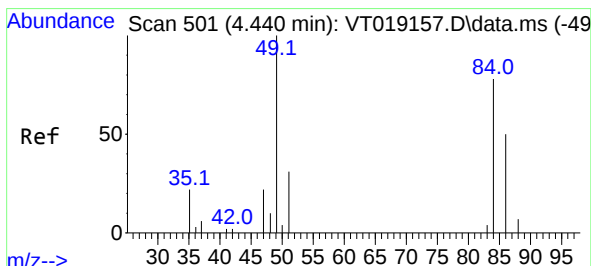
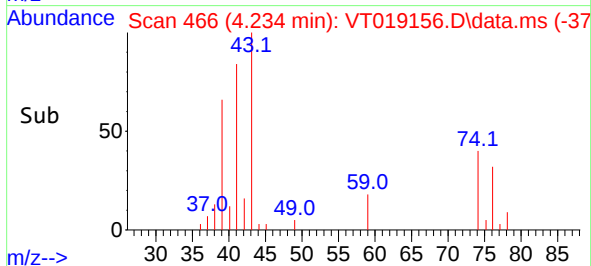
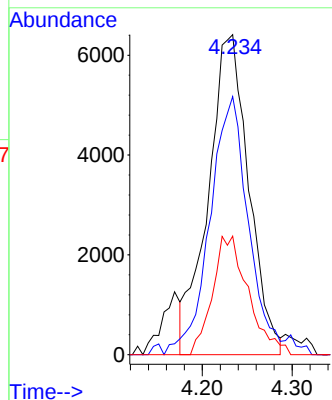
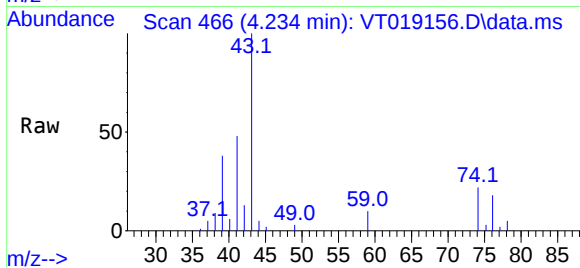
Tgt Ion: 41 Resp: 20096

Ion Ratio Lower Upper

41 100

39 80.7 34.3 102.8

76 39.1 16.7 50.0



#18

Methylene Chloride

Concen: 10.908 ug/l

RT: 4.451 min Scan# 503

Delta R.T. 0.023 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Tgt Ion: 84 Resp: 13914

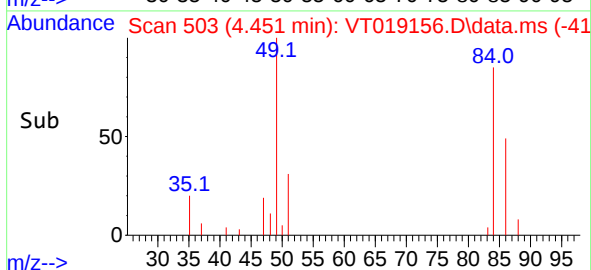
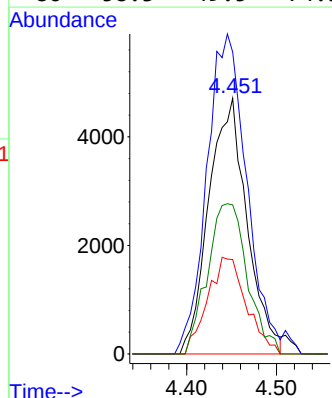
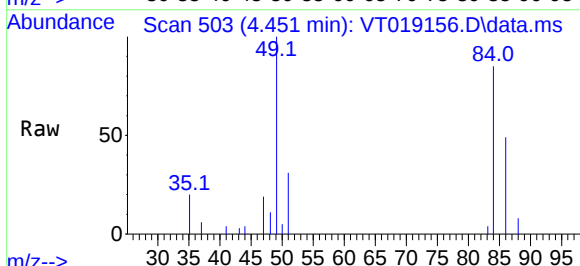
Ion Ratio Lower Upper

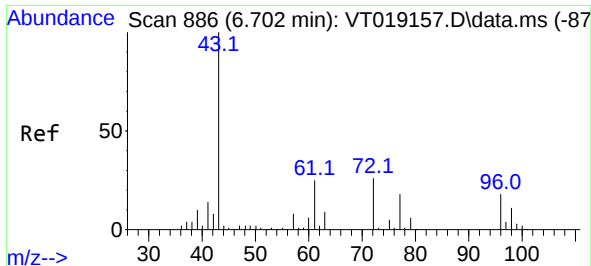
84 100

49 113.9 107.9 161.9

51 36.9 33.4 50.2

86 58.3 49.5 74.3

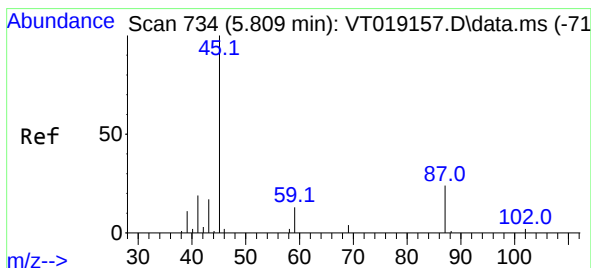
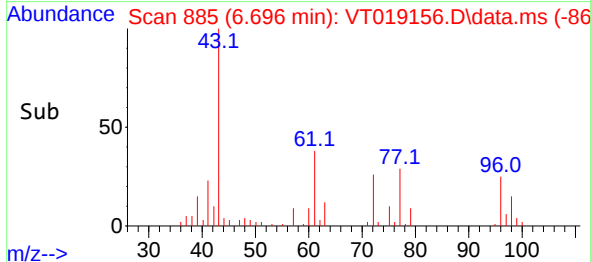
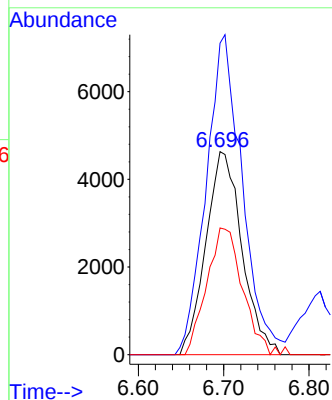
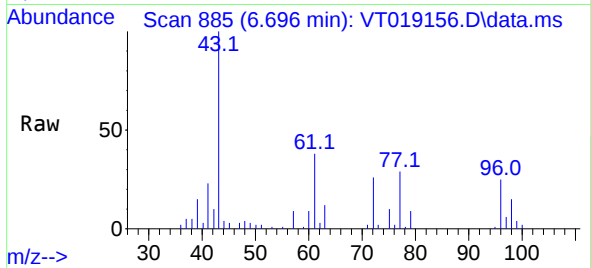




#19
trans-1,2-Dichloroethene
Concen: 10.360 ug/l
RT: 6.696 min Scan# 886
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

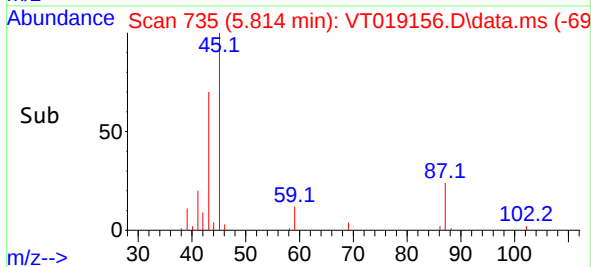
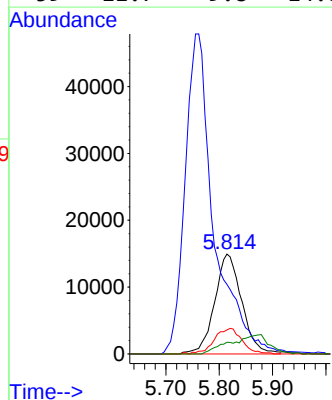
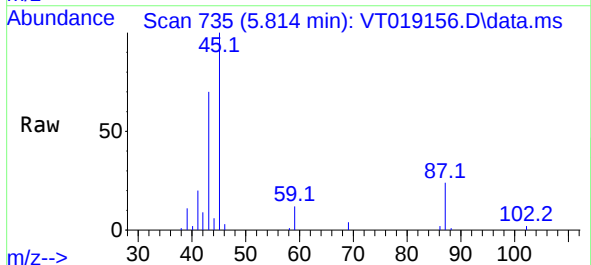
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

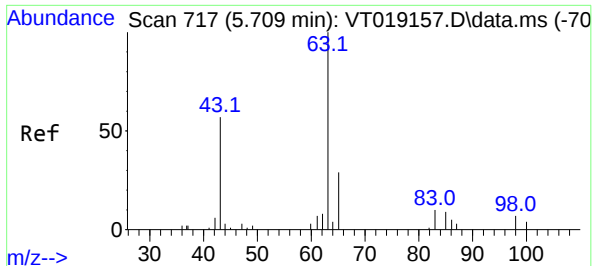
Tgt Ion: 96 Resp: 13632
Ion Ratio Lower Upper
96 100
61 149.8 122.3 183.5
98 62.4 50.2 75.2



#20
Diisopropyl ether
Concen: 10.152 ug/l
RT: 5.814 min Scan# 735
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 45 Resp: 52539
Ion Ratio Lower Upper
45 100
43 65.5 89.1 133.7#
87 24.1 21.3 31.9
59 11.7 9.8 14.8

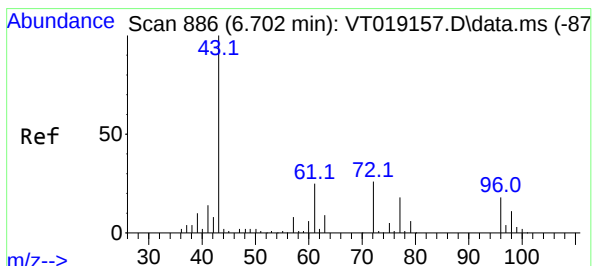
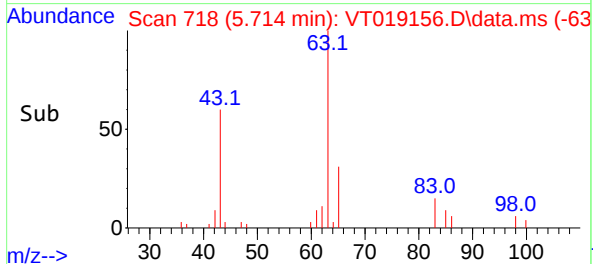
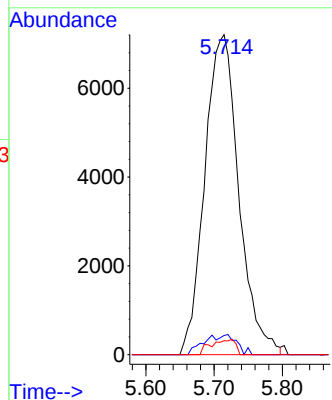
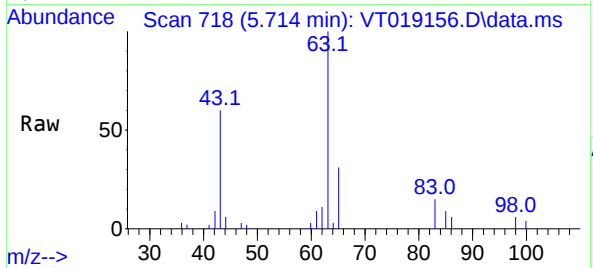




#21
1,1-Dichloroethane
Concen: 10.346 ug/l
RT: 5.714 min Scan# 714
Delta R.T. 0.005 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

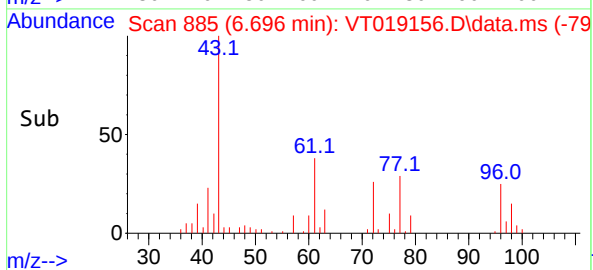
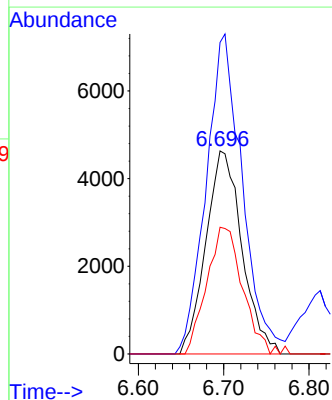
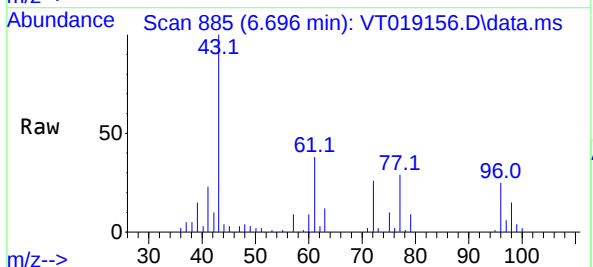
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

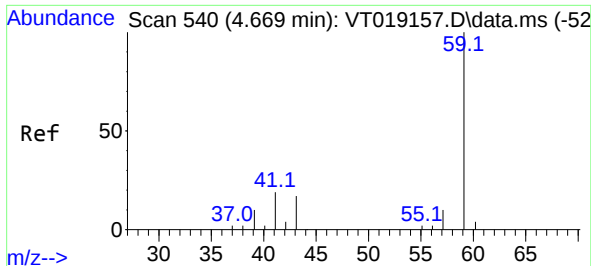
Tgt Ion: 63 Resp: 25018
Ion Ratio Lower Upper
63 100
98 6.0 3.5 10.5
100 4.4 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 10.360 ug/l
RT: 6.696 min Scan# 885
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 96 Resp: 13632
Ion Ratio Lower Upper
96 100
61 157.5 120.0 180.0
98 61.3 52.8 79.2





#23

tert-Butyl Alcohol

Concen: 50.518 ug/l

RT: 4.674 min Scan# 540

Delta R.T. -0.001 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

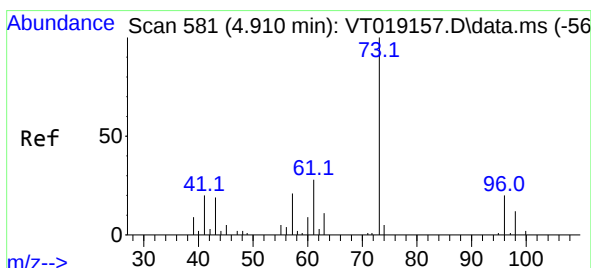
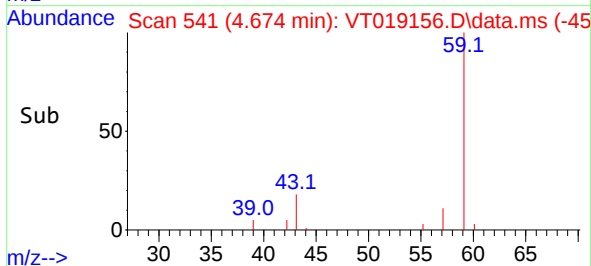
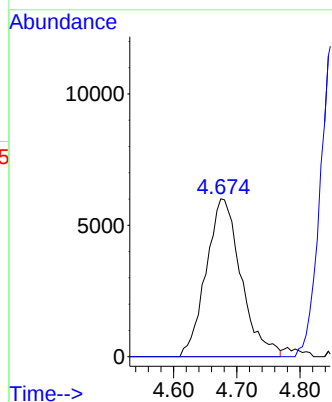
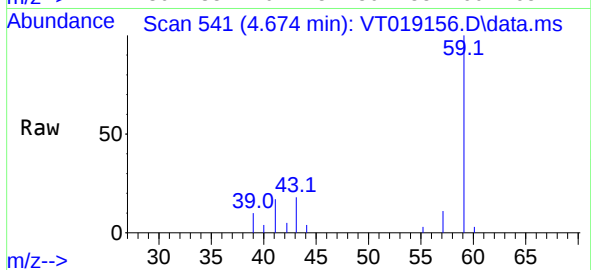
VSTDIC010

Tgt Ion: 59 Resp: 23071

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 10.275 ug/l

RT: 4.921 min Scan# 583

Delta R.T. 0.000 min

Lab File: VT019156.D

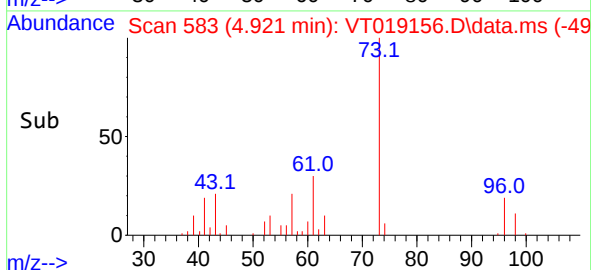
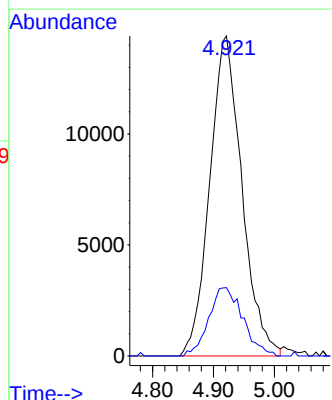
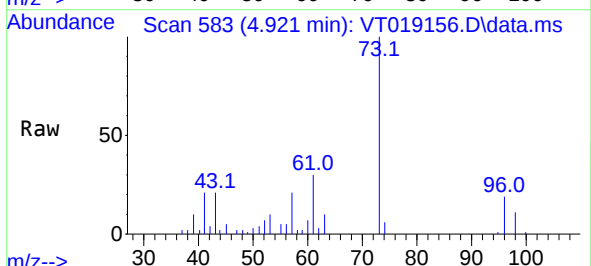
Acq: 22 Oct 2025 13:35

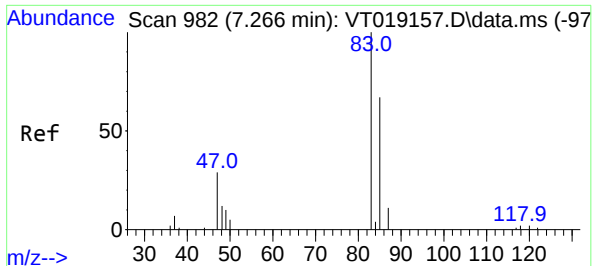
Tgt Ion: 73 Resp: 52859

Ion Ratio Lower Upper

73 100

43 22.6 16.9 25.3

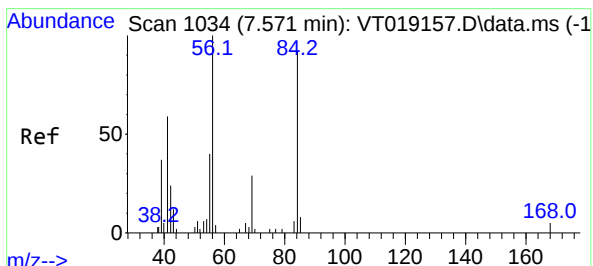
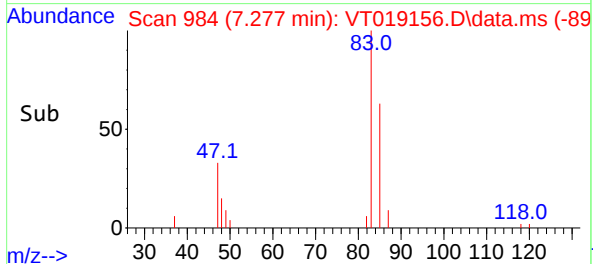
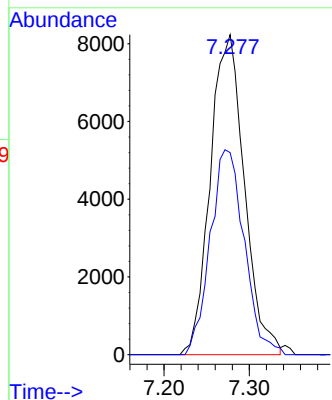
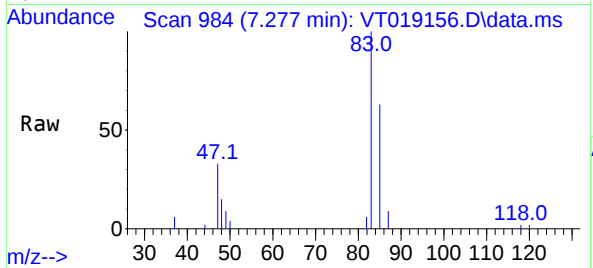




#25
Chloroform
Concen: 10.346 ug/l
RT: 7.277 min Scan# 91
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

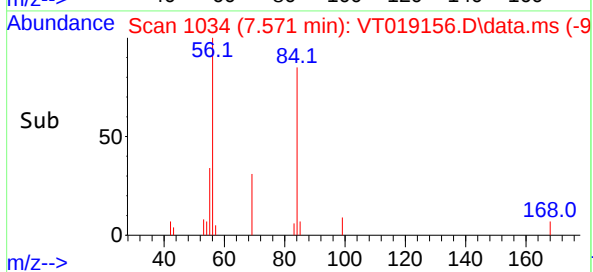
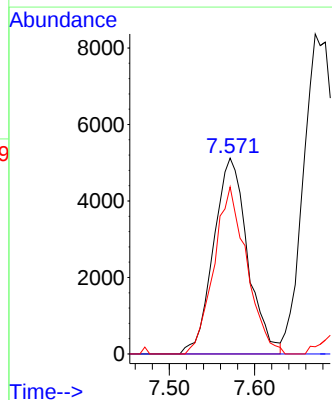
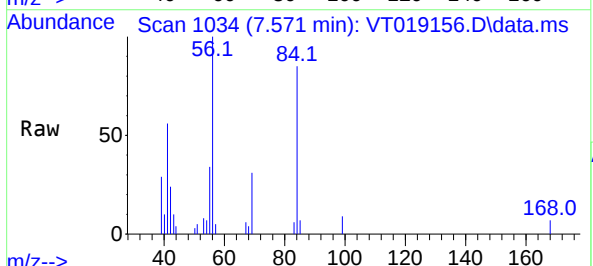
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

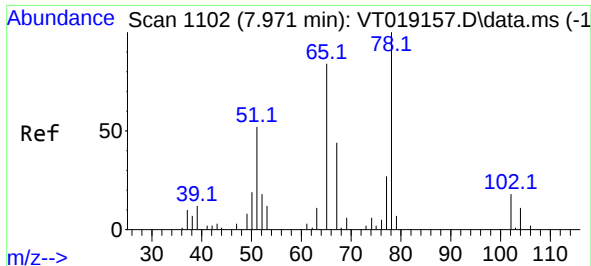
Tgt Ion: 83 Resp: 22886
Ion Ratio Lower Upper
83 100
85 63.1 48.0 72.0



#26
Cyclohexane
Concen: 10.022 ug/l
RT: 7.571 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 56 Resp: 14222
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.1 67.9 101.9

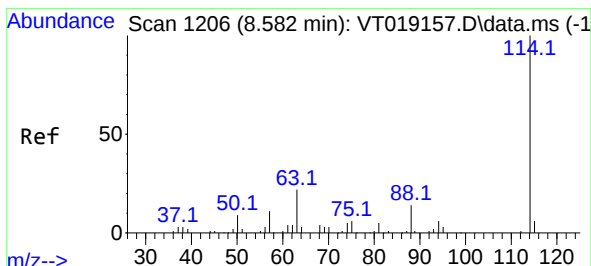
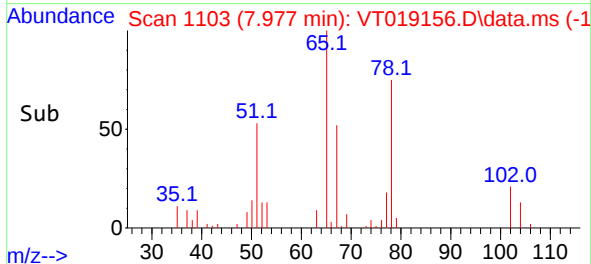
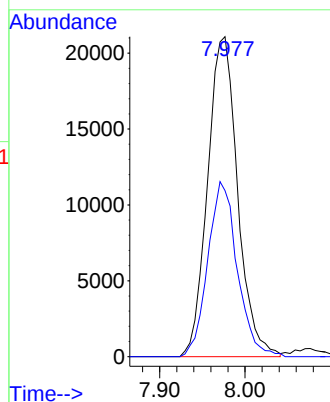
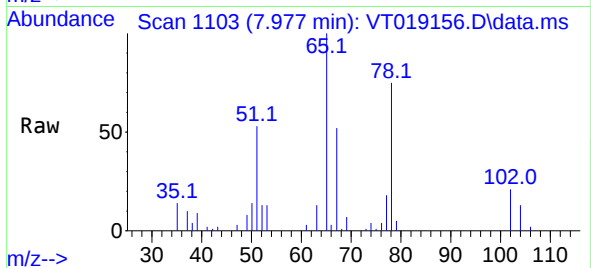




#27
1,2-Dichloroethane-d4
Concen: 30.936 ug/l
RT: 7.977 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

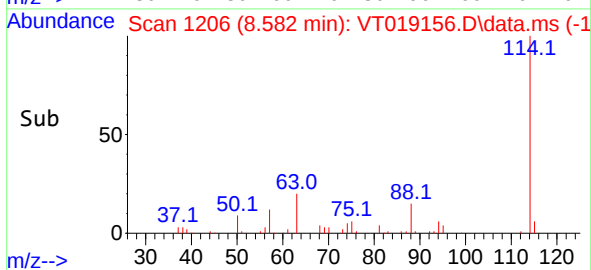
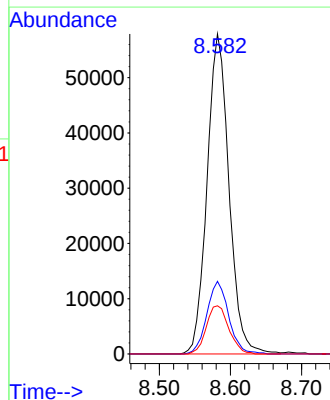
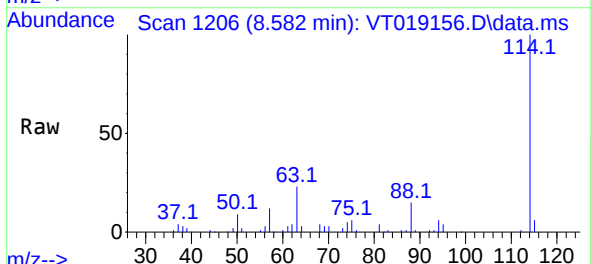
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

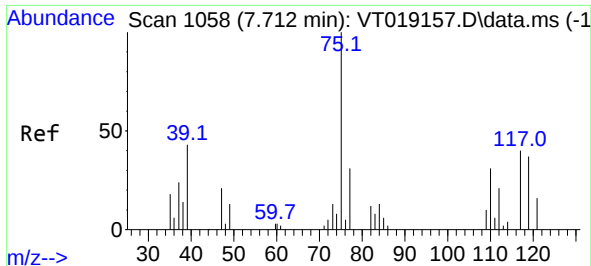
Tgt Ion: 65 Resp: 51618
Ion Ratio Lower Upper
65 100
67 53.6 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.582 min Scan# 1206
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 114 Resp: 124337
Ion Ratio Lower Upper
114 100
63 22.6 17.4 26.0
88 15.5 13.0 19.6

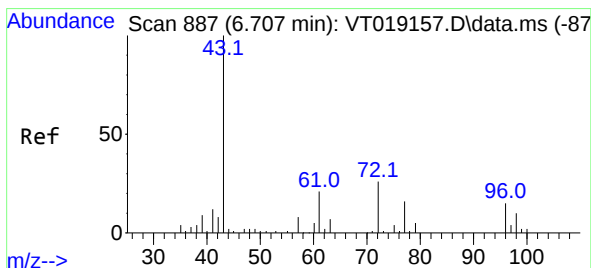
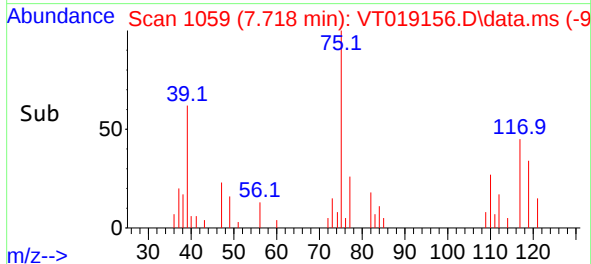
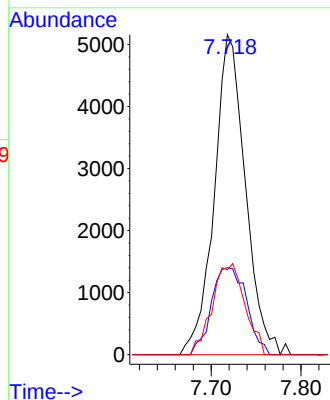
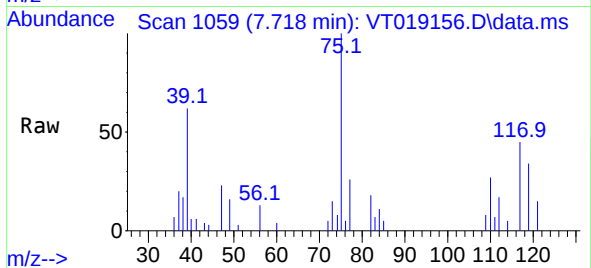




#29
1,1-Dichloropropene
Concen: 9.518 ug/l
RT: 7.718 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

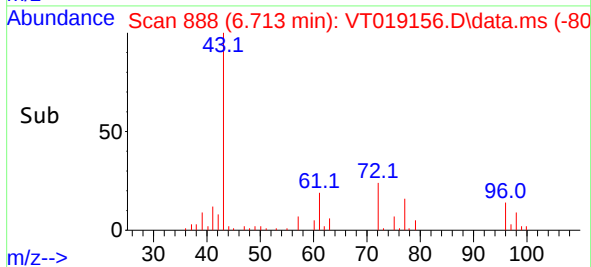
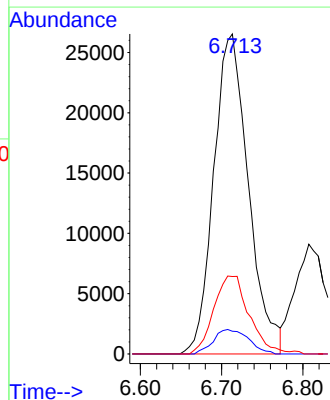
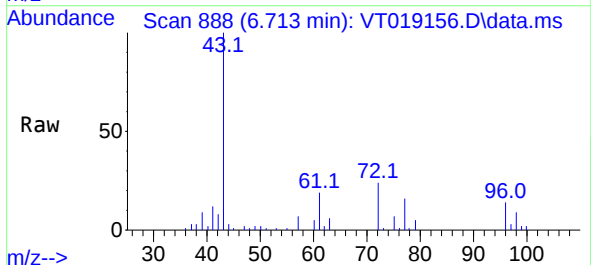
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

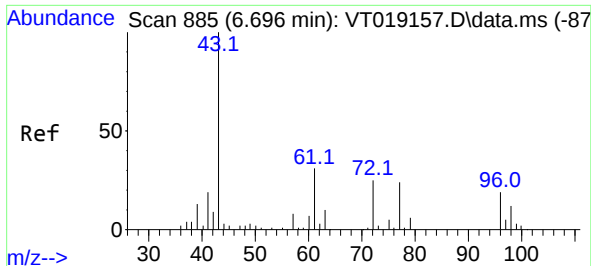
Tgt Ion: 75 Resp: 12383
Ion Ratio Lower Upper
75 100
110 30.8 0.0 70.8
77 30.0 0.0 61.6



#30
2-Butanone
Concen: 49.058 ug/l
RT: 6.713 min Scan# 888
Delta R.T. 0.011 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 43 Resp: 78674
Ion Ratio Lower Upper
43 100
57 7.8 5.9 8.9
72 24.9 20.2 30.2

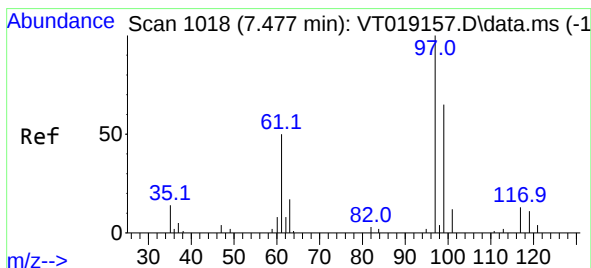
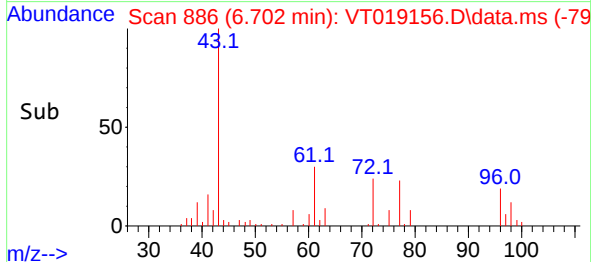
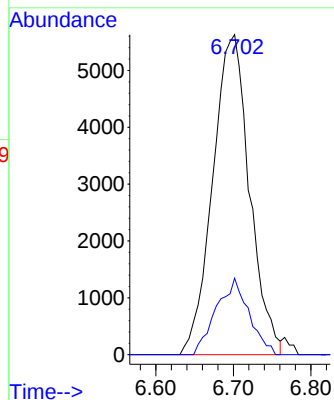
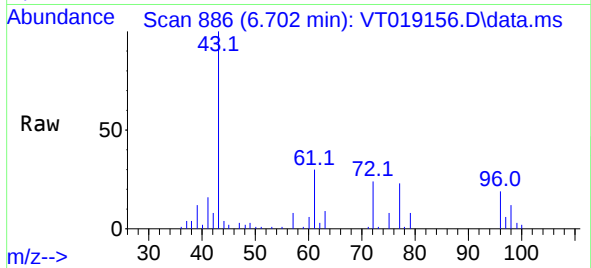




#31
2,2-Dichloropropane
Concen: 9.754 ug/l
RT: 6.702 min Scan# 886
Delta R.T. 0.018 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

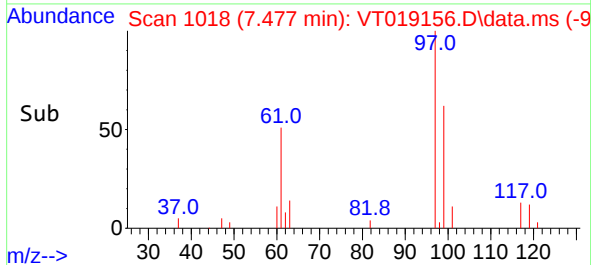
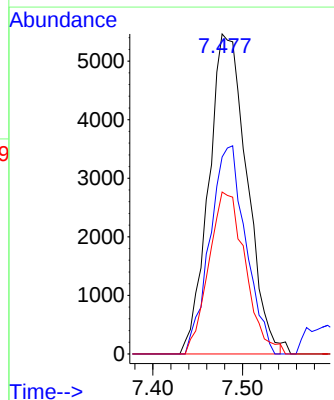
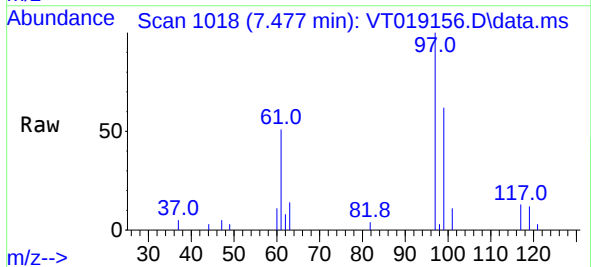
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

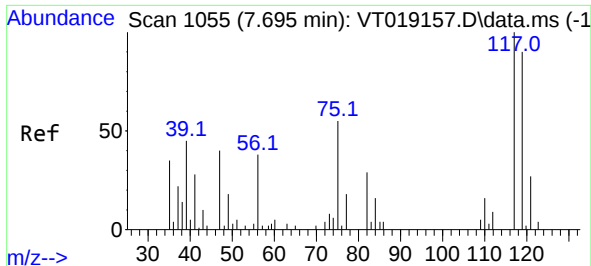
Tgt Ion: 77 Resp: 18581
Ion Ratio Lower Upper
77 100
97 21.2 14.5 21.7



#32
1,1,1-Trichloroethane
Concen: 9.818 ug/l
RT: 7.477 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 97 Resp: 16094
Ion Ratio Lower Upper
97 100
99 61.0 30.0 45.0#
61 48.1 36.1 54.1

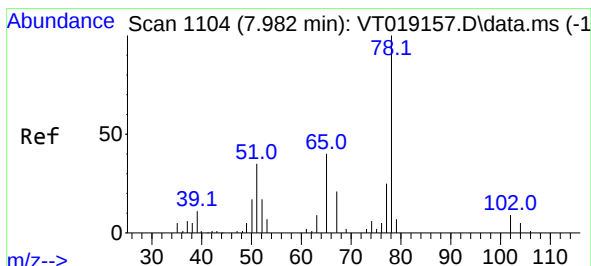
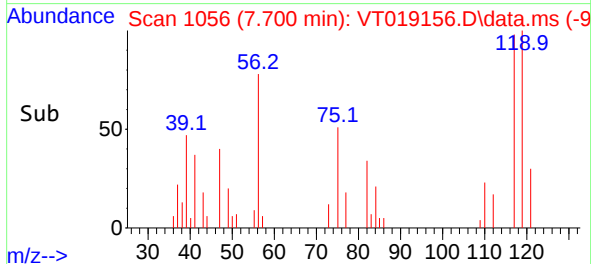
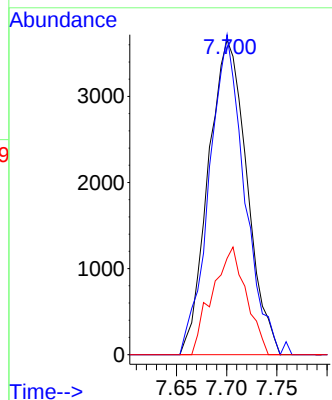
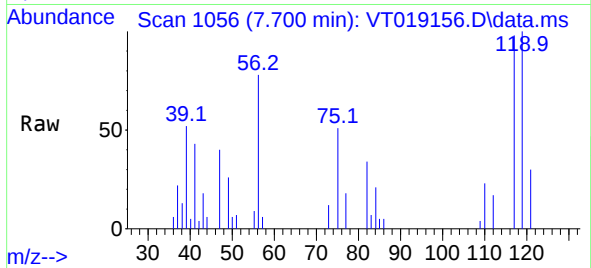




#33
Carbon Tetrachloride
Concen: 9.306 ug/l
RT: 7.700 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

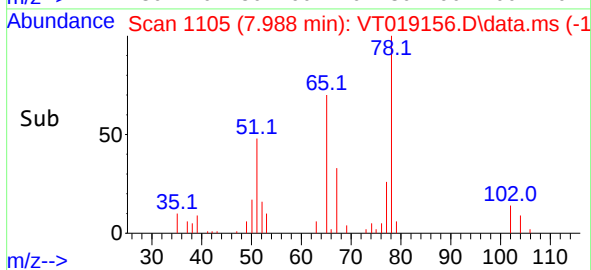
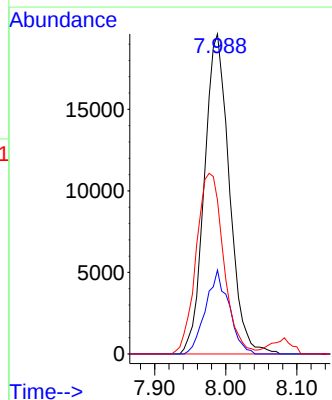
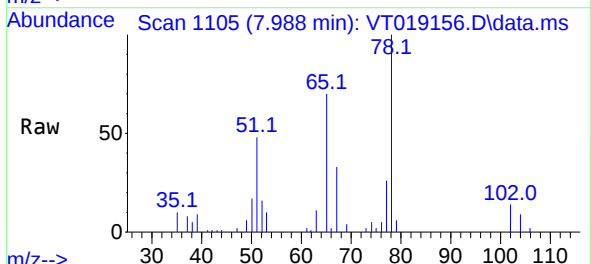
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

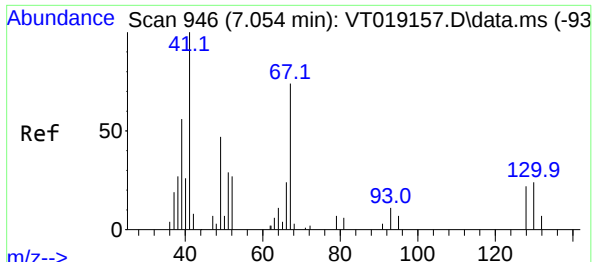
Tgt Ion:117 Resp: 9774
Ion Ratio Lower Upper
117 100
119 101.7 76.5 114.7
121 30.6 0.5 0.7#



#34
Benzene
Concen: 9.944 ug/l
RT: 7.988 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 78 Resp: 47933
Ion Ratio Lower Upper
78 100
77 26.2 17.6 26.4
51 45.9 13.8 20.6#



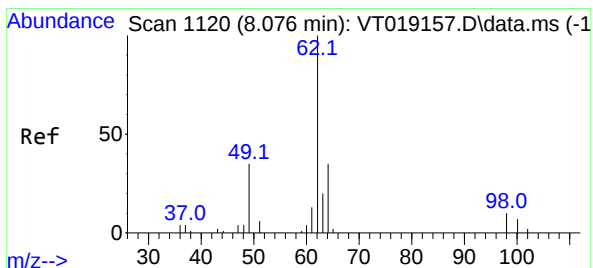
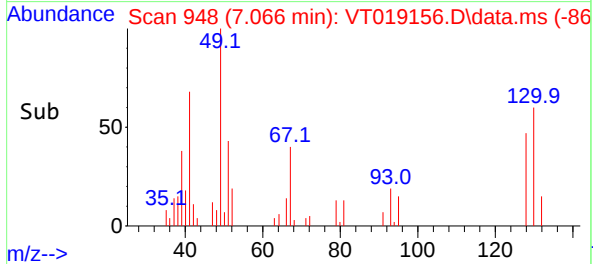
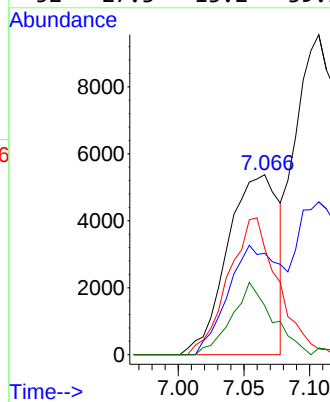
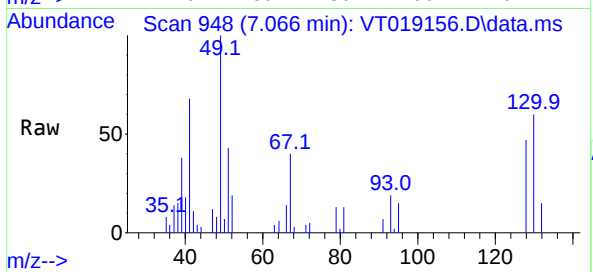


#35
Methacrylonitrile
Concen: 10.672 ug/l
RT: 7.066 min Scan# 946
Delta R.T. 0.018 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 14567

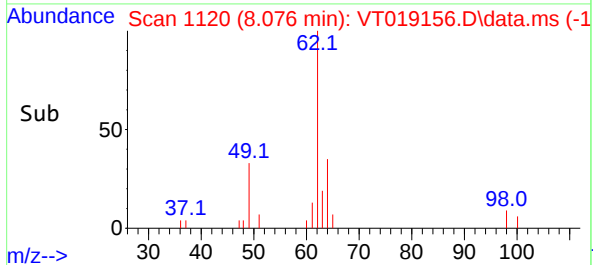
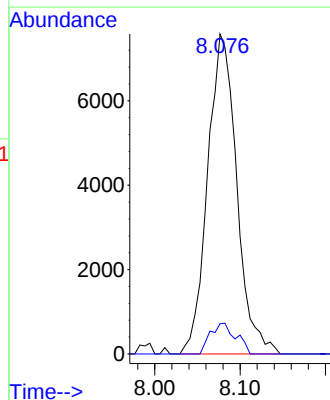
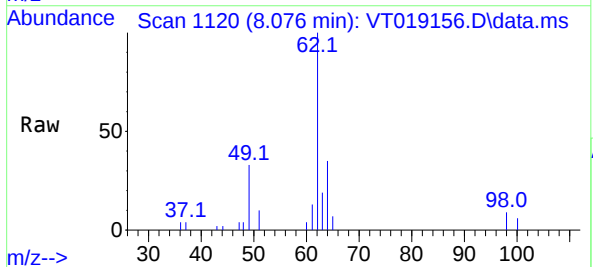
Ion	Ratio	Lower	Upper
41	100		
39	56.4	26.2	78.5
67	59.2	31.4	94.3
52	27.3	13.2	39.5

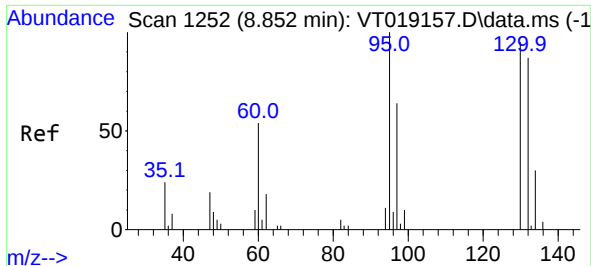


#36
1,2-Dichloroethane
Concen: 10.064 ug/l
RT: 8.076 min Scan# 1120
Delta R.T. 0.005 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 62 Resp: 17984

Ion	Ratio	Lower	Upper
62	100		
98	7.0	6.7	10.1





#37

Trichloroethene

Concen: 9.943 ug/l

RT: 8.852 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

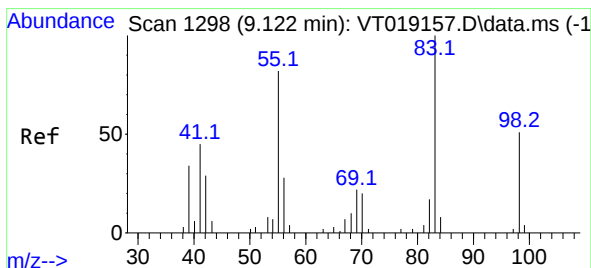
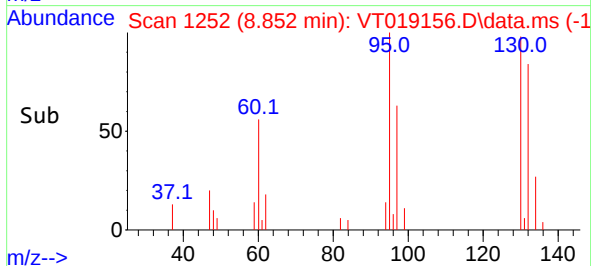
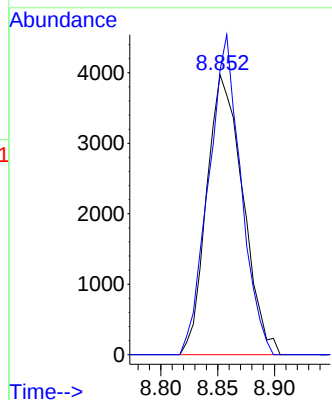
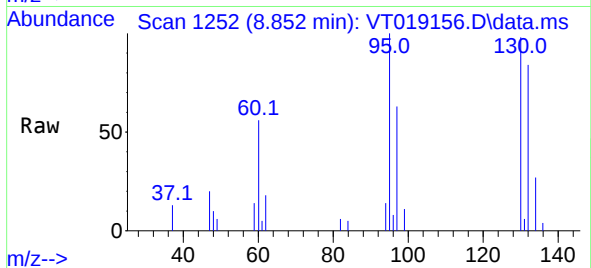
VSTDICC010

Tgt Ion:130 Resp: 8817

Ion Ratio Lower Upper

130 100

95 101.5 79.4 119.2



#38

Methylcyclohexane

Concen: 9.016 ug/l

RT: 9.128 min Scan# 1299

Delta R.T. 0.006 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

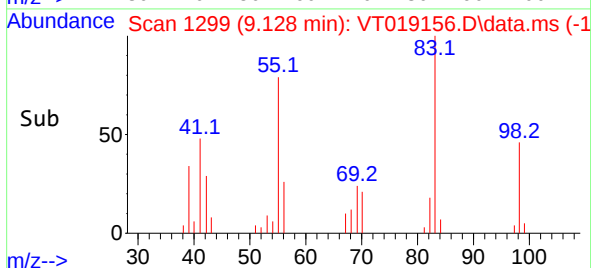
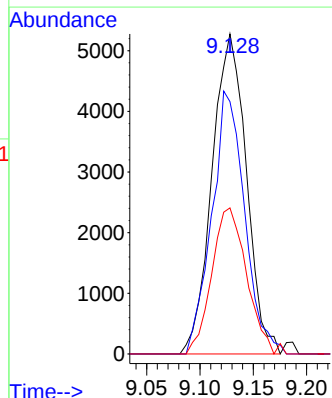
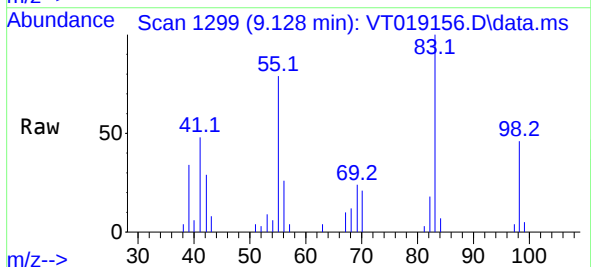
Tgt Ion: 83 Resp: 11813

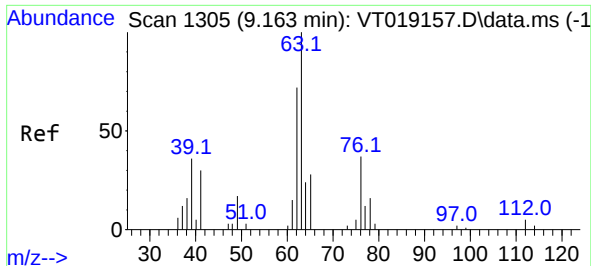
Ion Ratio Lower Upper

83 100

55 78.8 40.3 120.8

98 46.1 24.3 72.9

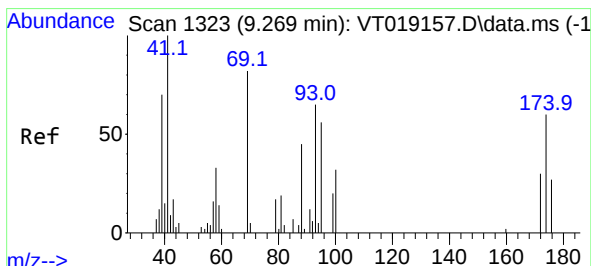
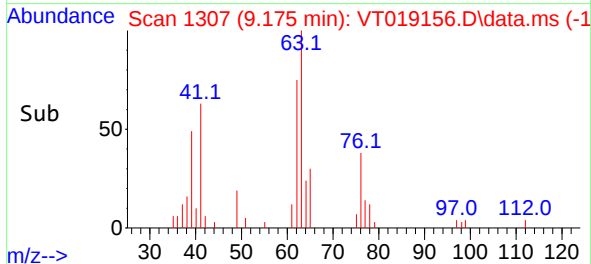
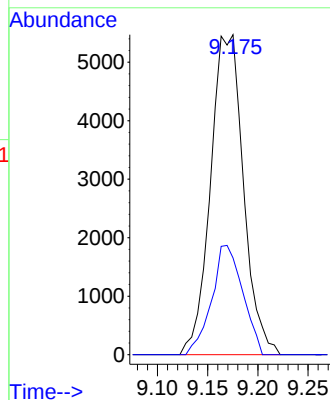
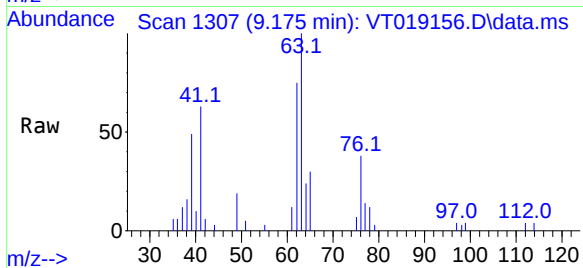




#39
1,2-Dichloropropane
Concen: 9.885 ug/l
RT: 9.175 min Scan# 11
Delta R.T. 0.012 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

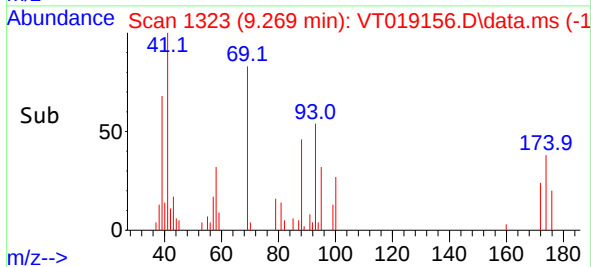
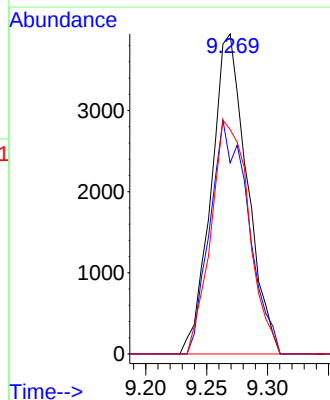
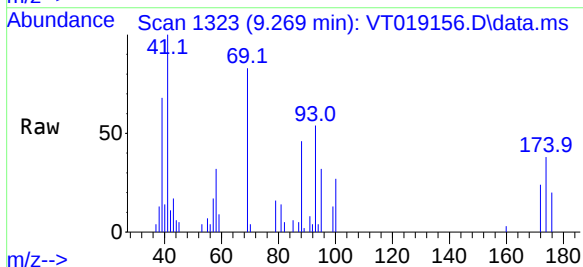
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

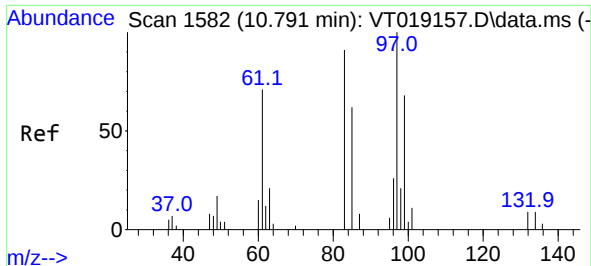
Tgt Ion: 63 Resp: 12479
Ion Ratio Lower Upper
63 100
65 30.3 19.8 29.6#



#40
Dibromomethane
Concen: 10.357 ug/l
RT: 9.269 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 93 Resp: 8062
Ion Ratio Lower Upper
93 100
95 77.8 0.0 166.2
174 77.3 0.0 26.4#

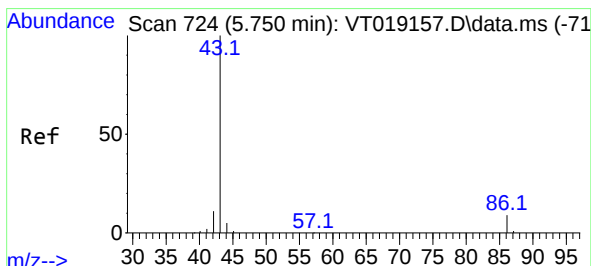
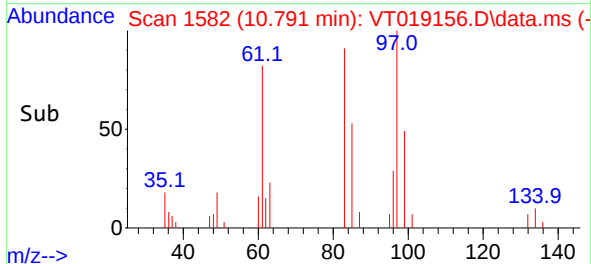
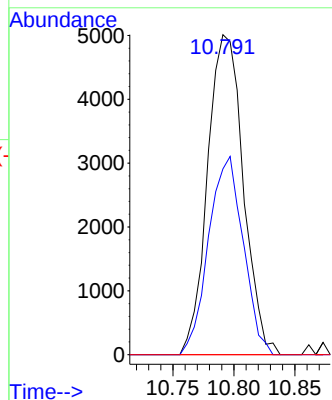
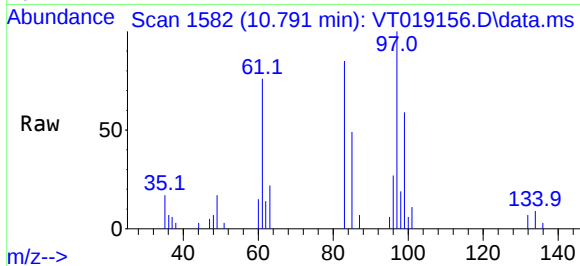




#41
Bromodichloromethane
Concen: 10.228 ug/l
RT: 10.791 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

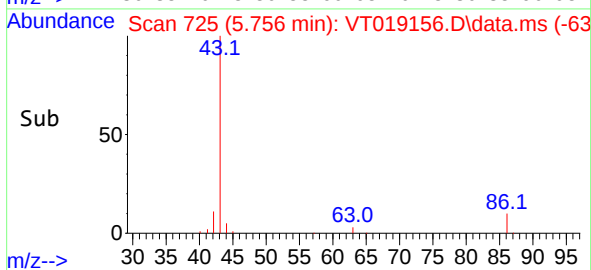
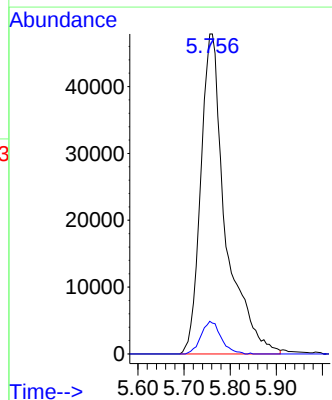
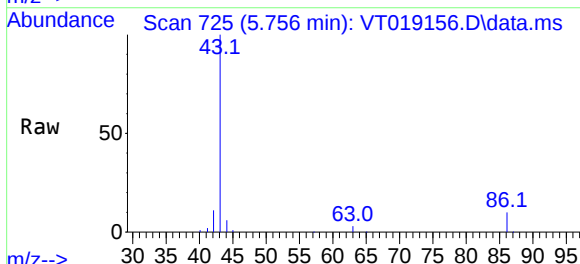
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

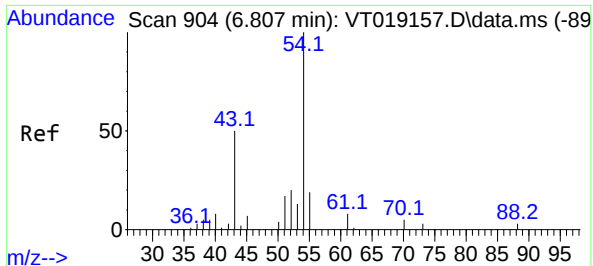
Tgt Ion: 83 Resp: 10227
Ion Ratio Lower Upper
83 100
85 58.1 47.2 70.8
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 45.532 ug/l
RT: 5.756 min Scan# 725
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 43 Resp: 179148
Ion Ratio Lower Upper
43 100
86 8.2 6.9 10.3





#43

Ethyl Acetate

Concen: 9.988 ug/l

RT: 6.807 min Scan# 904

Delta R.T. 0.006 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

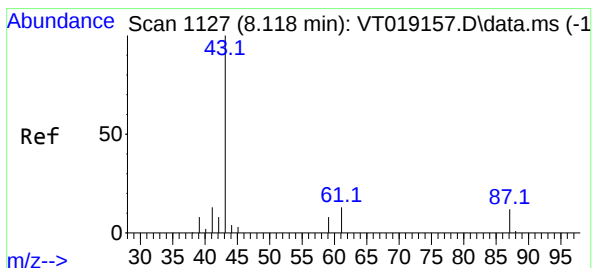
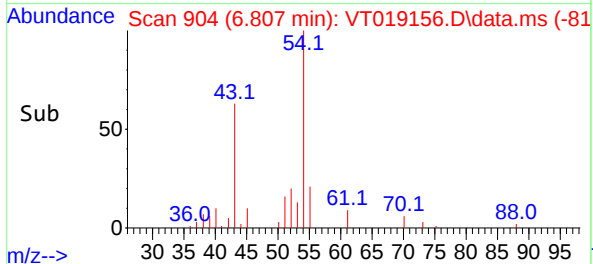
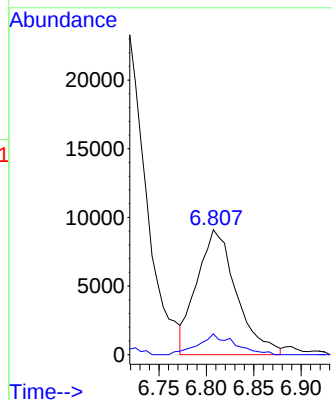
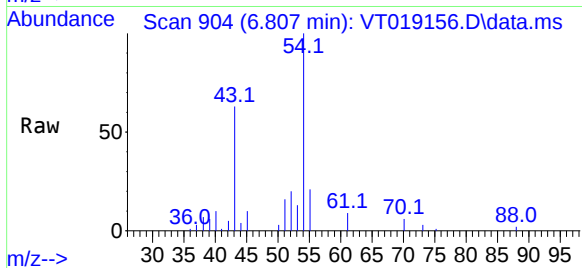
VSTDICC010

Tgt Ion: 43 Resp: 26330

Ion Ratio Lower Upper

43 100

45 10.2 10.6 16.0#



#44

Isopropyl Acetate

Concen: 9.850 ug/l

RT: 8.129 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VT019156.D

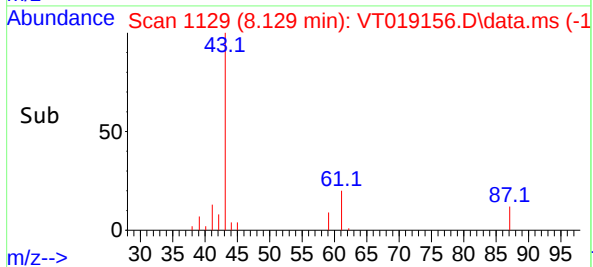
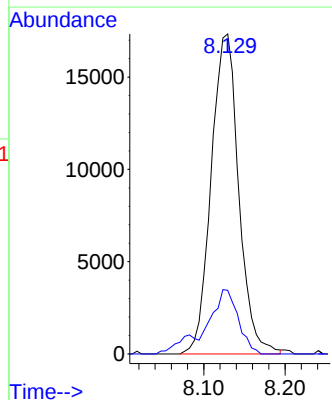
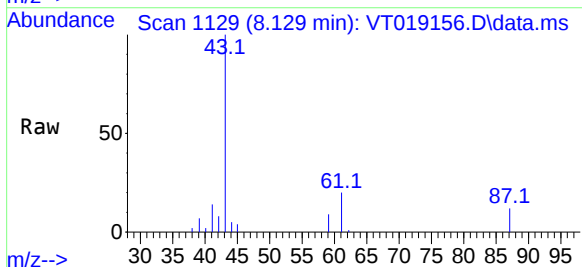
Acq: 22 Oct 2025 13:35

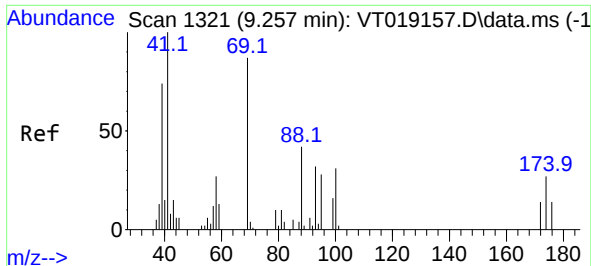
Tgt Ion: 43 Resp: 40868

Ion Ratio Lower Upper

43 100

61 19.2 14.7 22.1





#45

1,4-Dioxane

Concen: 195.671 ug/l

RT: 9.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC010

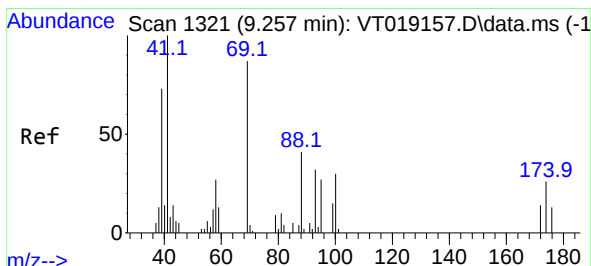
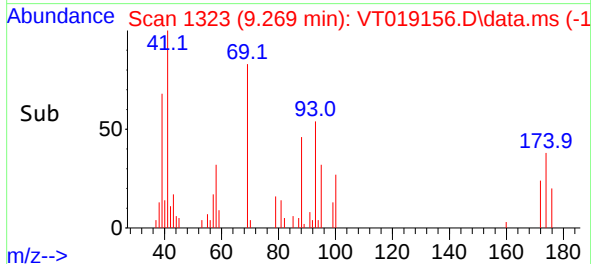
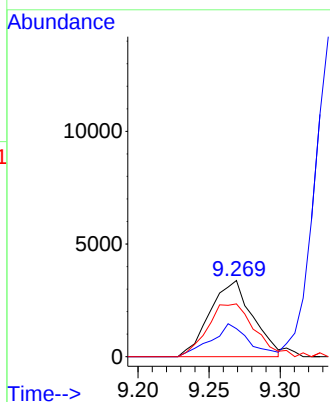
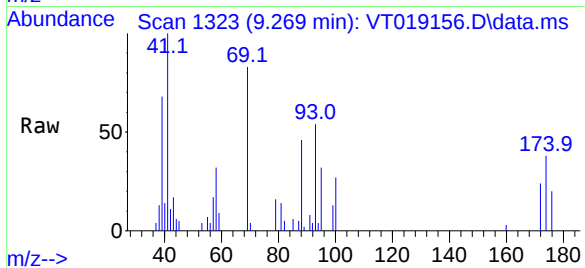
Tgt Ion: 88 Resp: 7043

Ion Ratio Lower Upper

88 100

43 38.5 30.2 45.2

58 76.1 33.3 49.9#



#46

Methyl methacrylate

Concen: 9.755 ug/l

RT: 9.263 min Scan# 1322

Delta R.T. 0.006 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

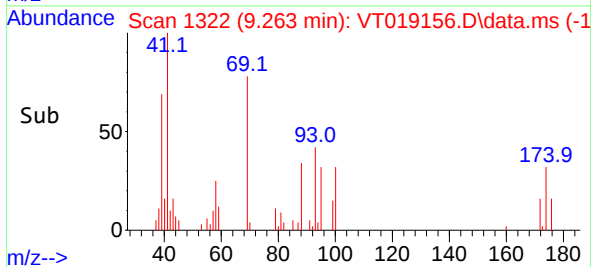
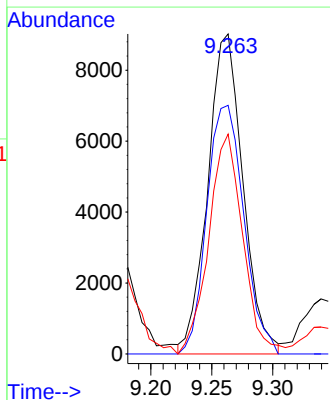
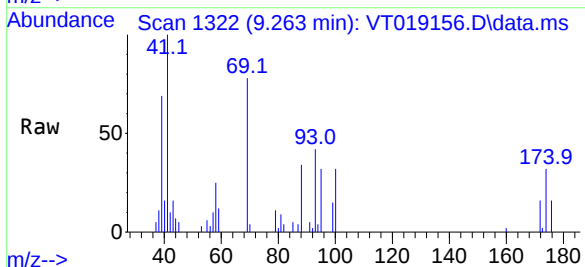
Tgt Ion: 41 Resp: 18097

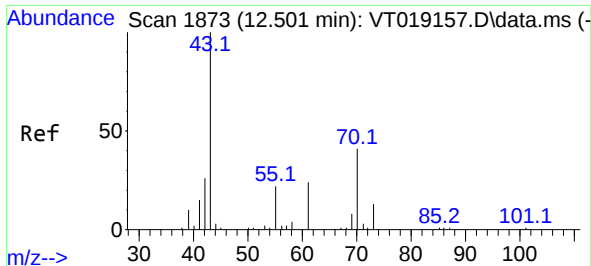
Ion Ratio Lower Upper

41 100

69 80.1 35.8 107.3

39 70.8 24.4 73.4





#47

n-amyl acetate

Concen: 9.077 ug/l

RT: 12.501 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

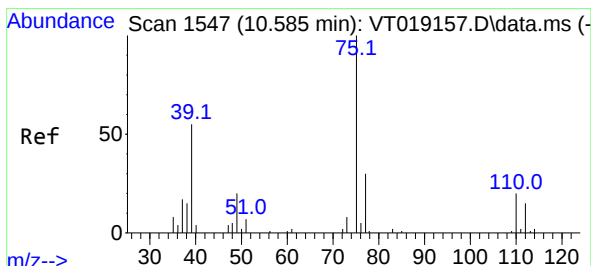
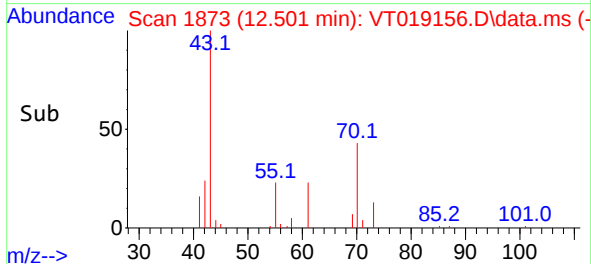
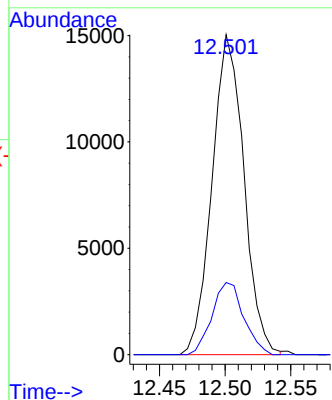
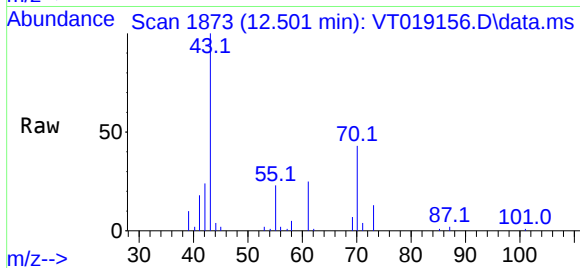
VSTDICC010

Tgt Ion: 43 Resp: 25343

Ion Ratio Lower Upper

43 100

55 22.5 18.4 27.6



#48

t-1,3-Dichloropropene

Concen: 9.621 ug/l

RT: 10.591 min Scan# 1548

Delta R.T. 0.006 min

Lab File: VT019156.D

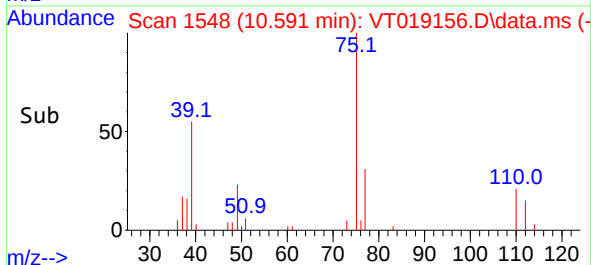
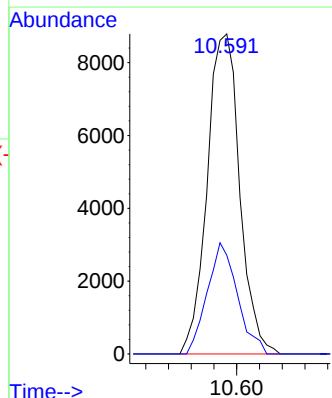
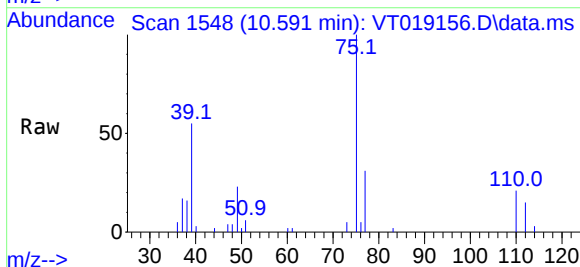
Acq: 22 Oct 2025 13:35

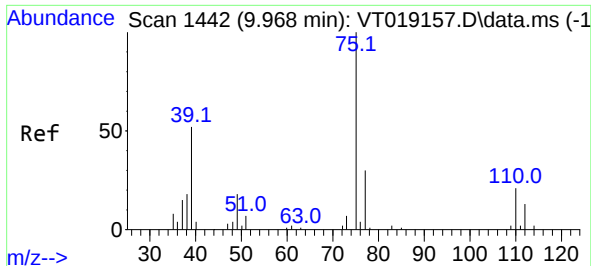
Tgt Ion: 75 Resp: 17455

Ion Ratio Lower Upper

75 100

77 30.8 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 9.825 ug/l

RT: 9.974 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC010

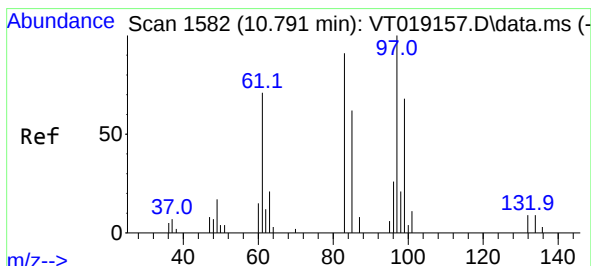
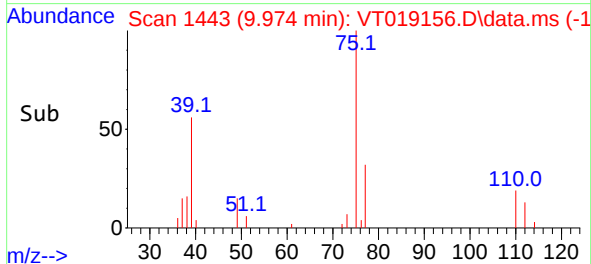
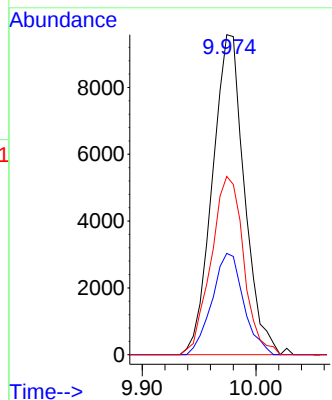
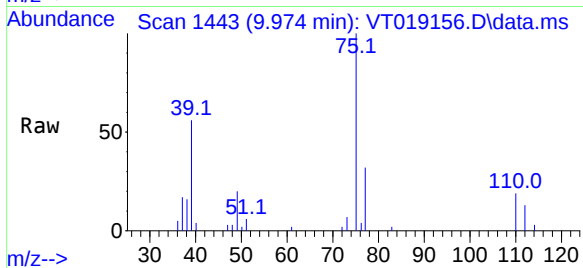
Tgt Ion: 75 Resp: 18724

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 55.7 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 9.849 ug/l

RT: 10.791 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Tgt Ion: 97 Resp: 11276

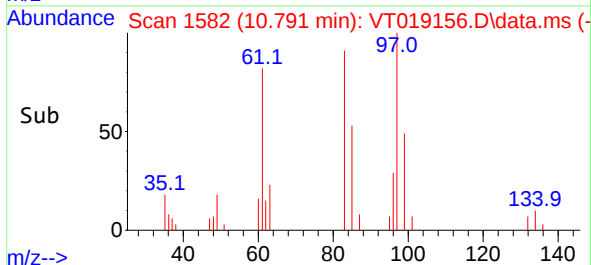
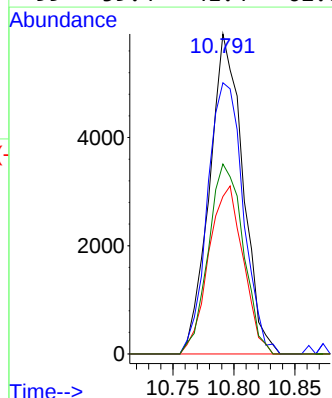
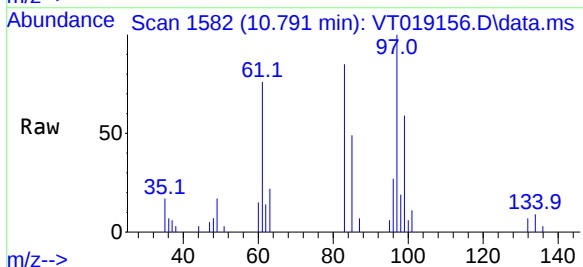
Ion Ratio Lower Upper

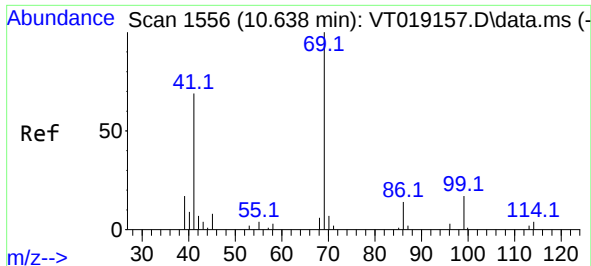
97 100

83 84.7 58.3 87.5

85 49.2 36.5 54.7

99 59.4 41.4 62.0



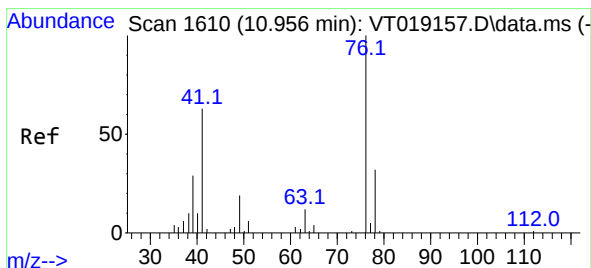
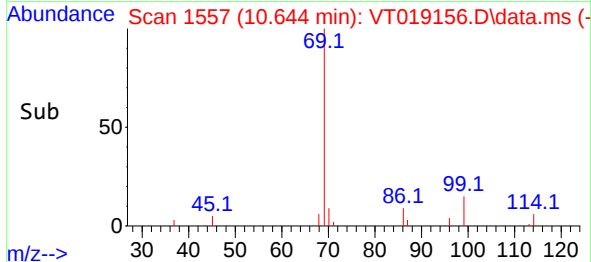
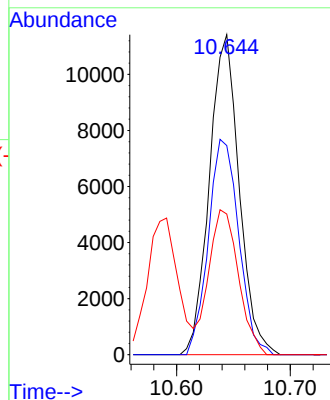
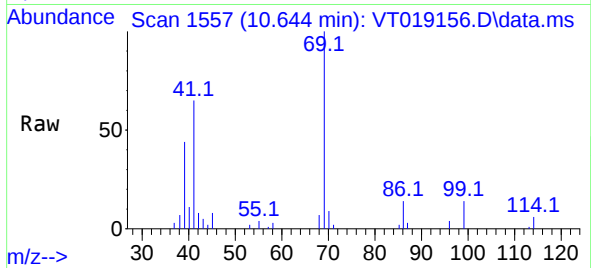


#51
Ethyl methacrylate
Concen: 9.682 ug/l
RT: 10.644 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion: 69 Resp: 20774

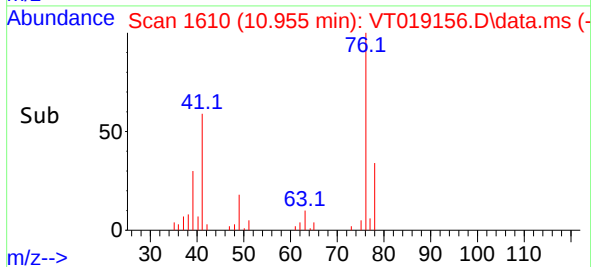
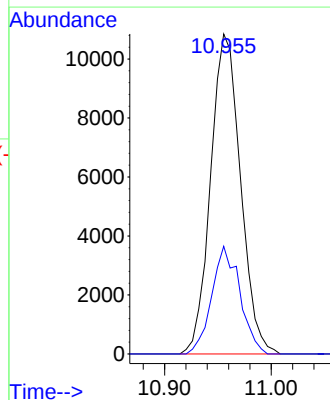
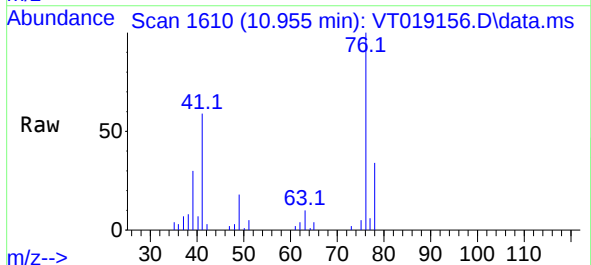
Ion	Ratio	Lower	Upper
69	100		
41	65.4	35.0	105.1
39	43.9	19.5	58.5

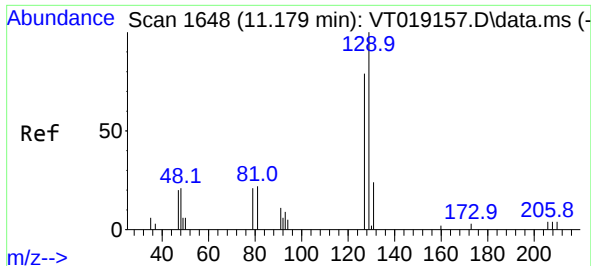


#52
1,3-Dichloropropane
Concen: 10.328 ug/l
RT: 10.955 min Scan# 1610
Delta R.T. -0.001 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 76 Resp: 21120

Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	63.6

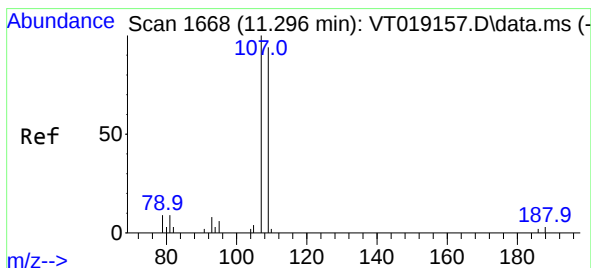
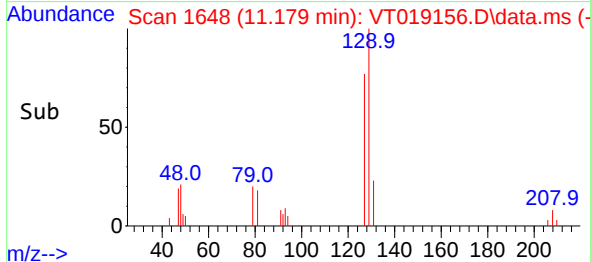
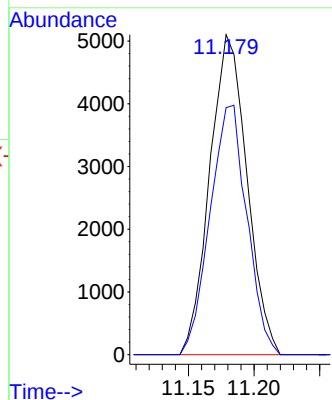
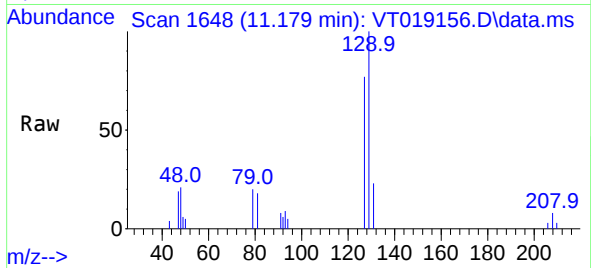




#53
Dibromochloromethane
Concen: 9.406 ug/l
RT: 11.179 min Scan# 1648
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

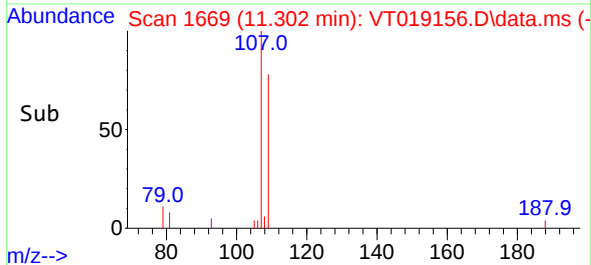
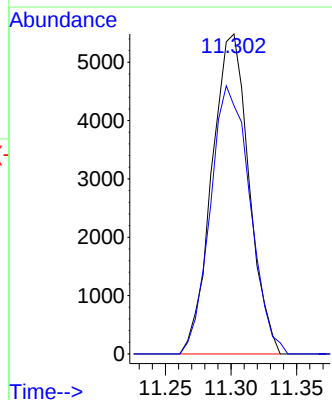
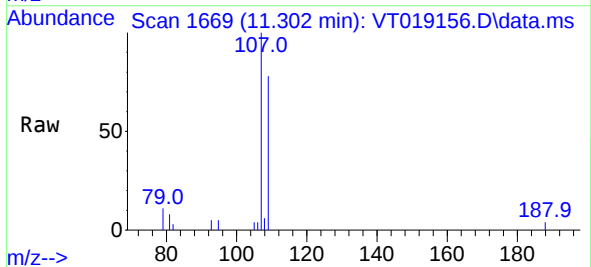
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

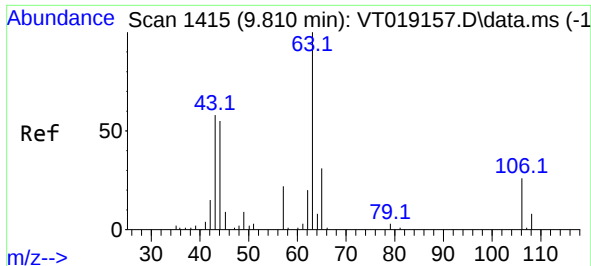
Tgt Ion:129 Resp: 10051
Ion Ratio Lower Upper
129 100
127 77.2 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 10.118 ug/l
RT: 11.302 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion:107 Resp: 10774
Ion Ratio Lower Upper
107 100
109 89.4 74.0 111.0

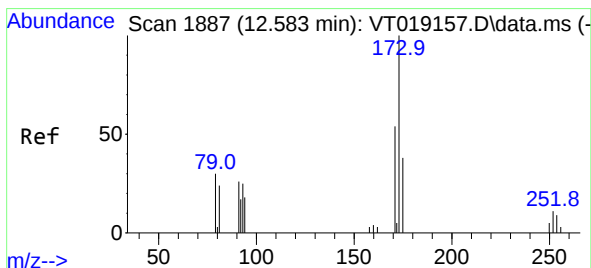
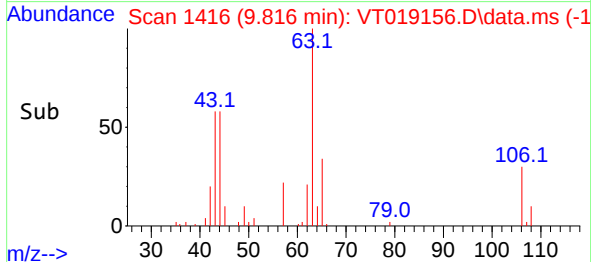
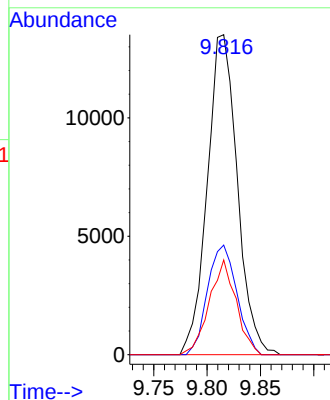
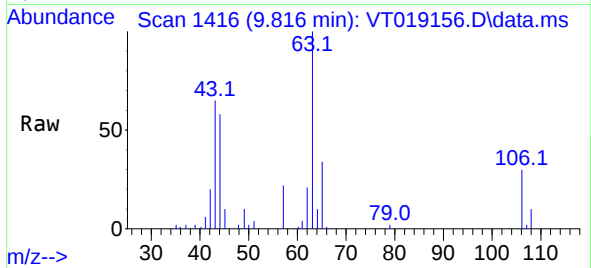




#55
2-Chloroethyl vinyl ether
Concen: 42.341 ug/l
RT: 9.816 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

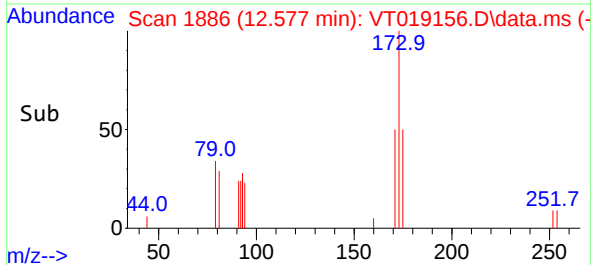
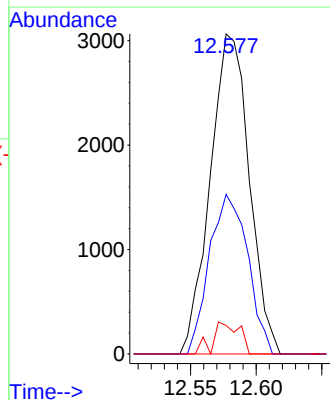
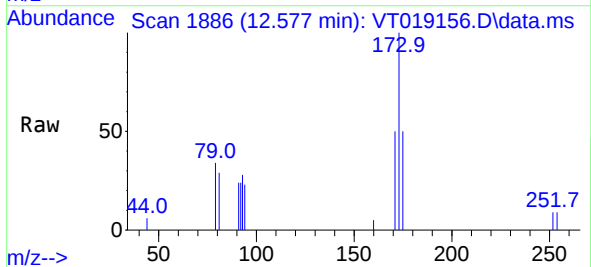
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

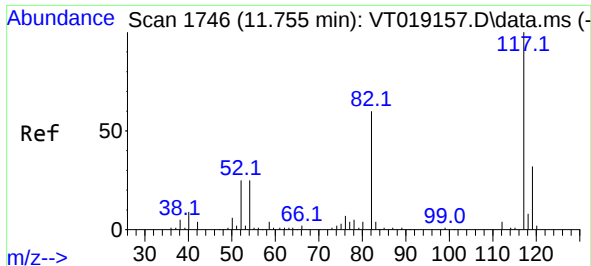
Tgt Ion: 63 Resp: 26496
Ion Ratio Lower Upper
63 100
65 33.5 25.8 38.6
106 26.5 22.1 33.1



#56
Bromoform
Concen: 9.027 ug/l
RT: 12.577 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 173 Resp: 6338
Ion Ratio Lower Upper
173 100
175 48.9 2.6 3.8#
254 4.4 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.755 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC010

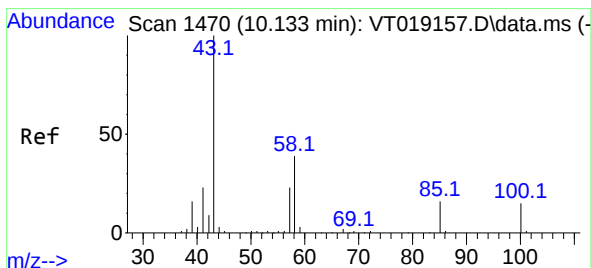
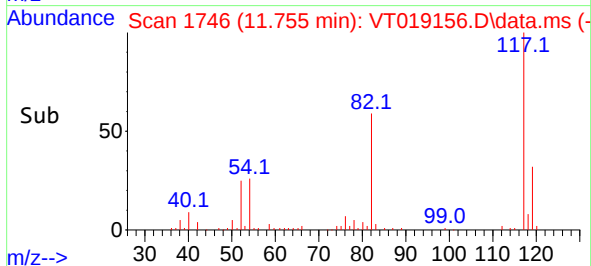
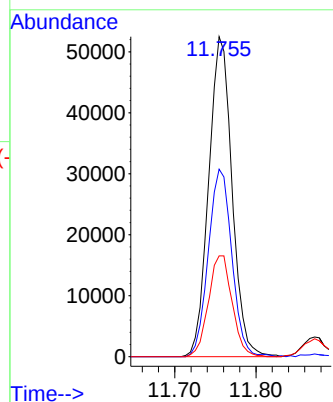
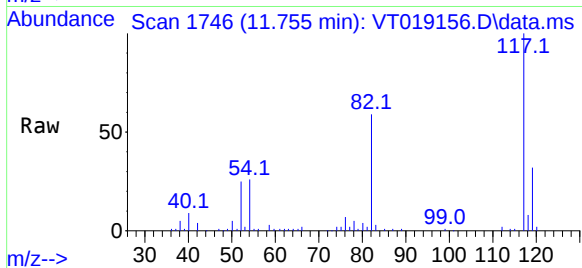
Tgt Ion:117 Resp: 104651

Ion Ratio Lower Upper

117 100

82 58.8 46.0 69.0

119 32.0 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 48.327 ug/l

RT: 10.139 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VT019156.D

Acq: 22 Oct 2025 13:35

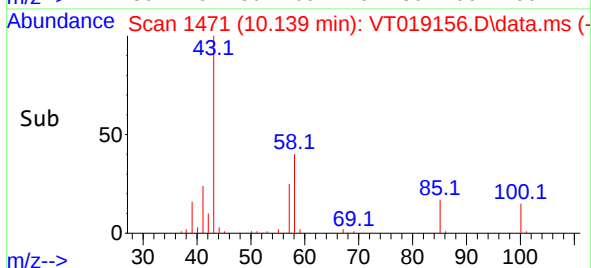
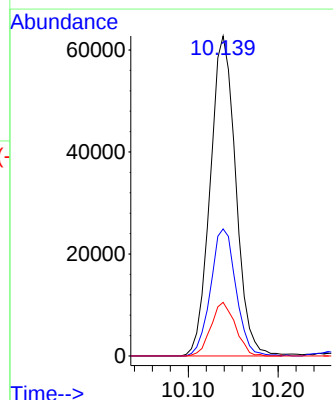
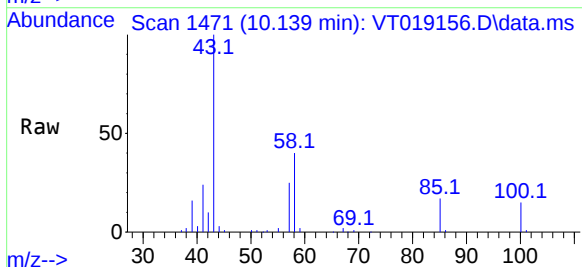
Tgt Ion: 43 Resp: 123855

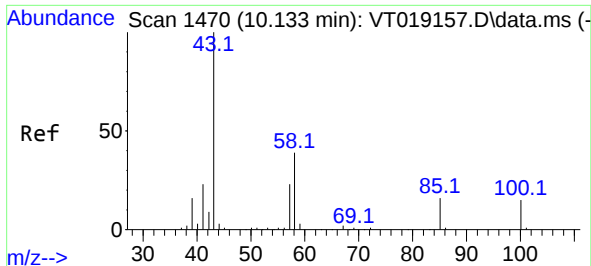
Ion Ratio Lower Upper

43 100

58 39.4 30.6 45.8

85 16.0 13.4 20.2

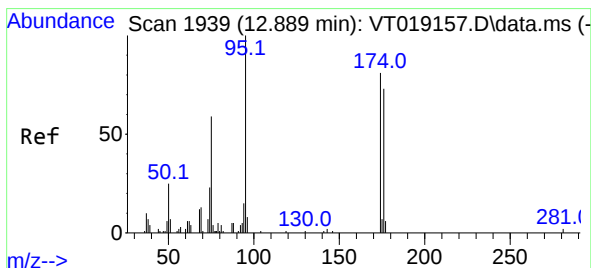
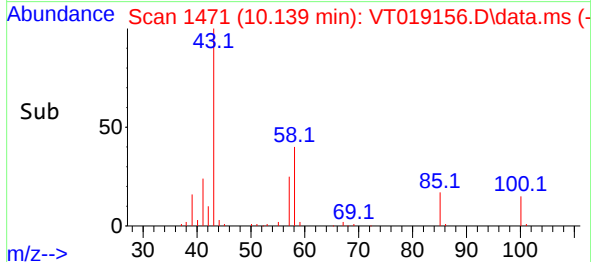
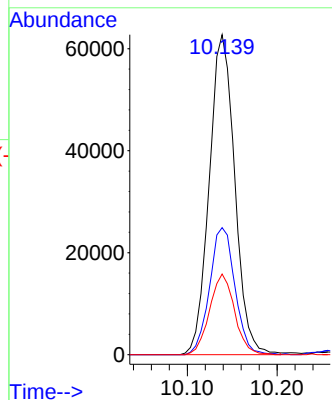
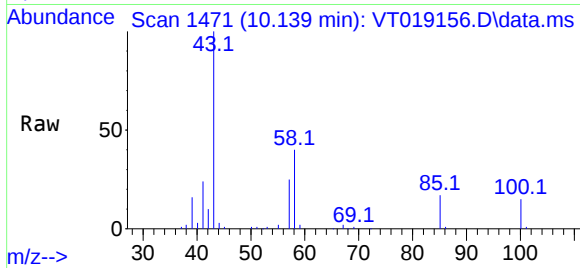




#59
2-Hexanone
Concen: 48.327 ug/l
RT: 10.139 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

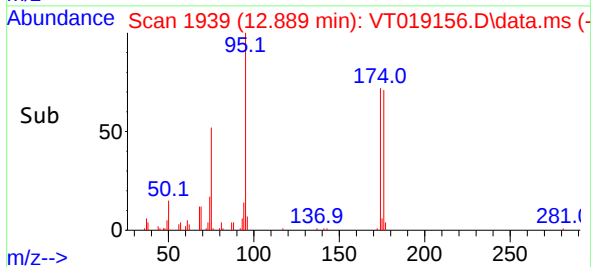
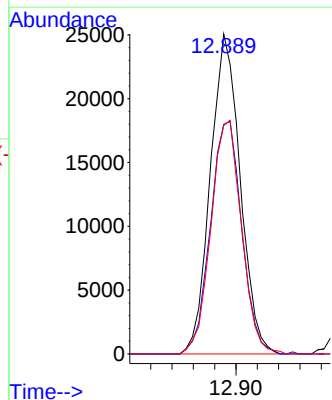
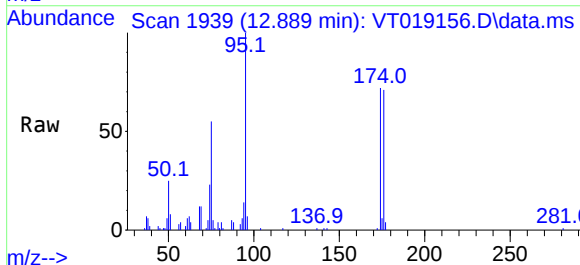
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

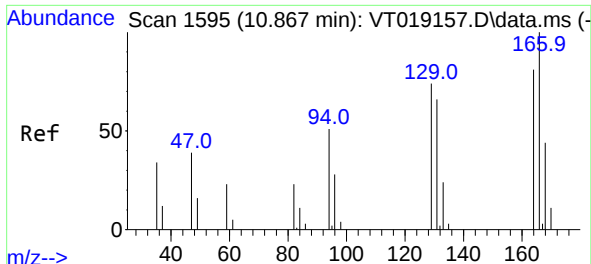
Tgt Ion: 43 Resp: 123855
Ion Ratio Lower Upper
43 100
58 39.4 42.0 63.0#
57 24.7 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.612 ug/l
RT: 12.889 min Scan# 1939
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

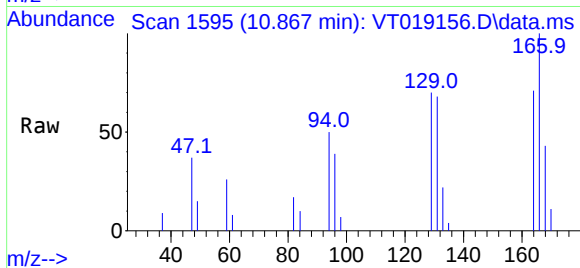
Tgt Ion: 95 Resp: 48704
Ion Ratio Lower Upper
95 100
174 76.2 57.5 86.3
176 74.6 56.4 84.6



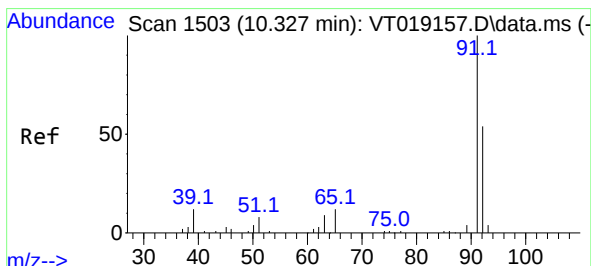
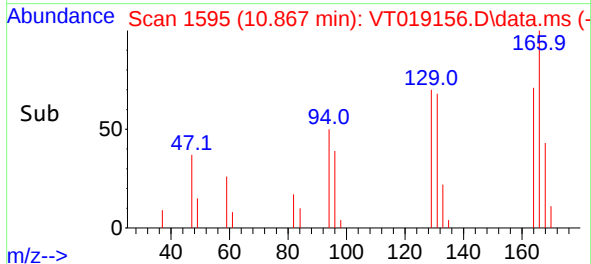
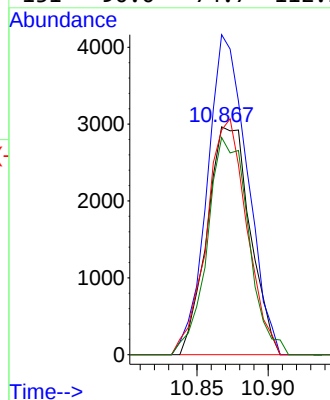


#61
Tetrachloroethene
Concen: 9.421 ug/l
RT: 10.867 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

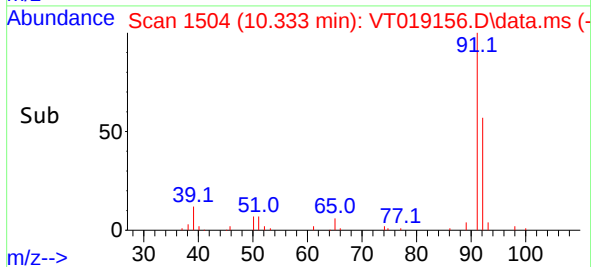
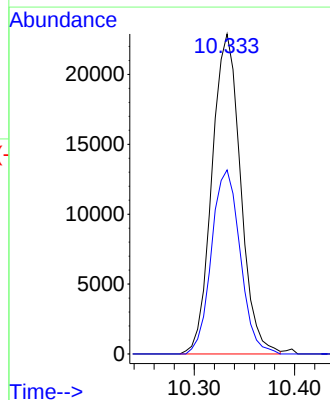
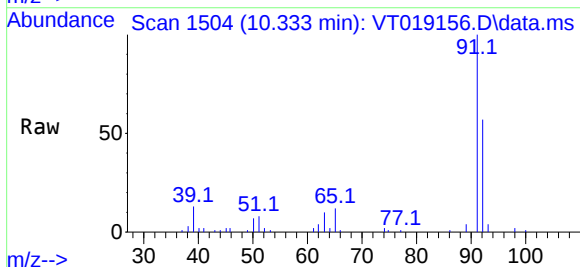


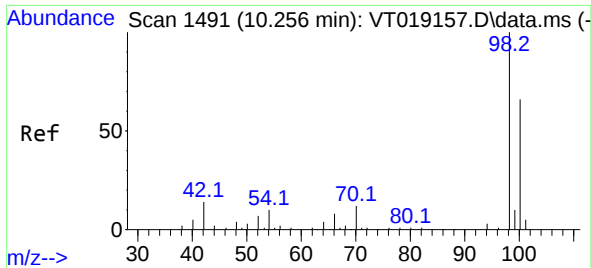
Tgt Ion:164 Resp: 6232
Ion Ratio Lower Upper
164 100
166 140.5 101.0 151.4
129 98.7 78.6 117.8
131 90.0 74.7 112.1



#62
Toluene
Concen: 9.665 ug/l
RT: 10.333 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 91 Resp: 45305
Ion Ratio Lower Upper
91 100
92 57.7 46.6 69.8

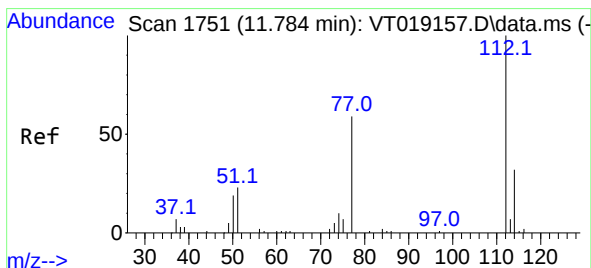
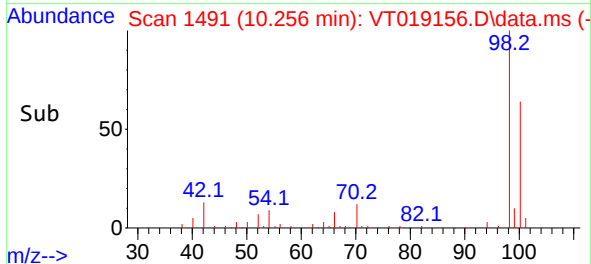
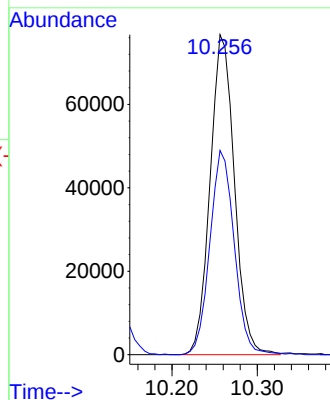
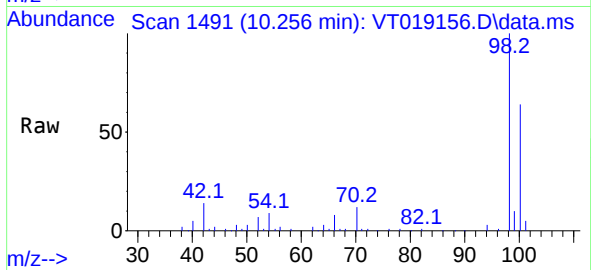




#63
Toluene-d8
Concen: 29.802 ug/l
RT: 10.256 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

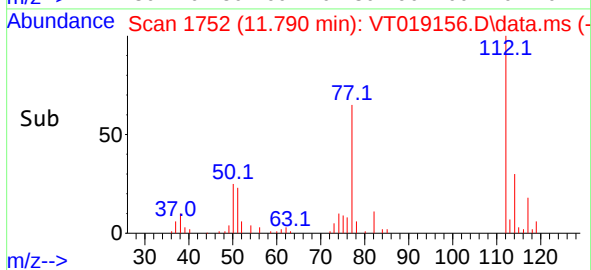
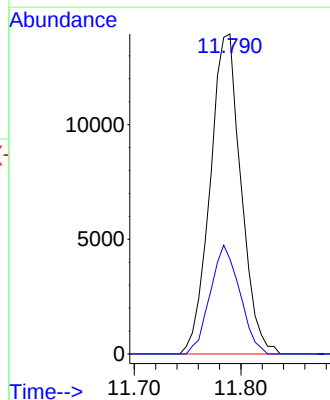
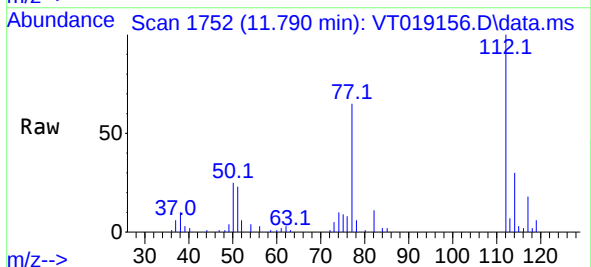
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

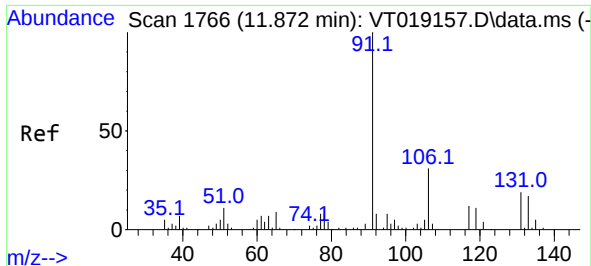
Tgt Ion: 98 Resp: 151798
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



#64
Chlorobenzene
Concen: 9.797 ug/l
RT: 11.790 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 112 Resp: 28050
Ion Ratio Lower Upper
112 100
114 29.6 23.6 35.4

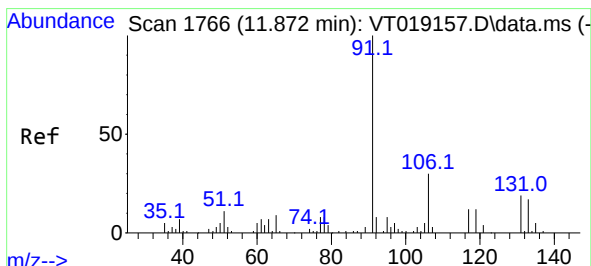
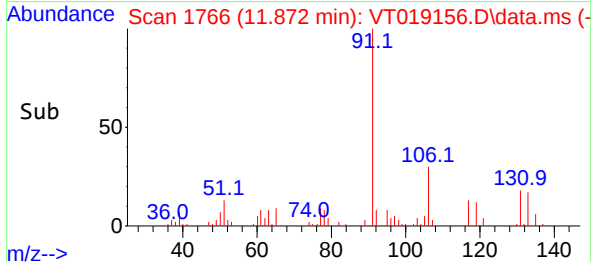
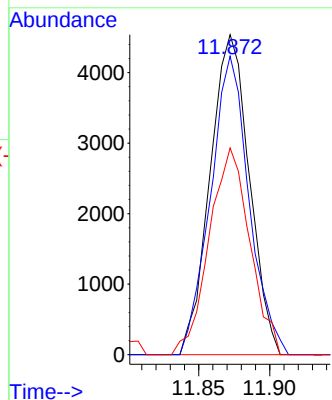
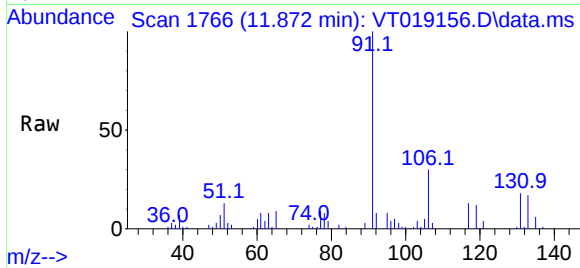




#65
1,1,1,2-Tetrachloroethane
Concen: 9.343 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

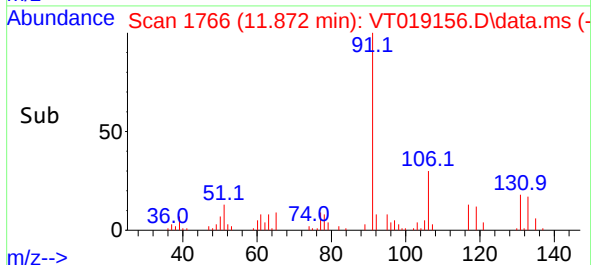
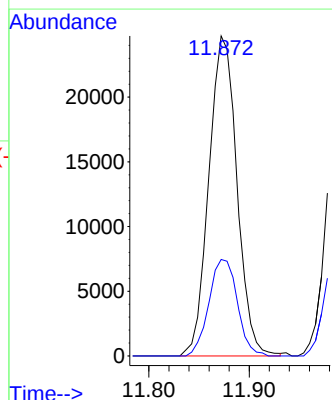
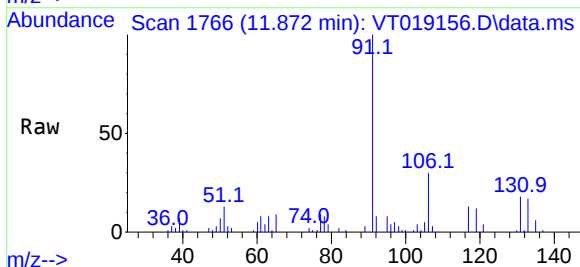
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

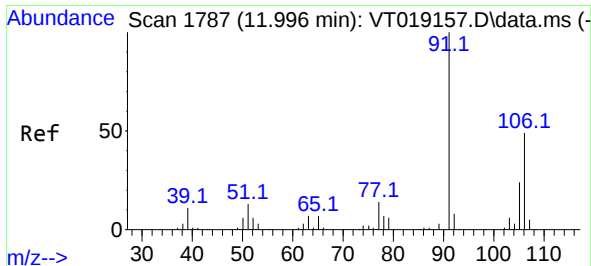
Tgt Ion:131 Resp: 8713
Ion Ratio Lower Upper
131 100
133 91.7 0.0 188.2
119 66.8 0.0 101.8



#66
Ethyl Benzene
Concen: 9.447 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 91 Resp: 48125
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7

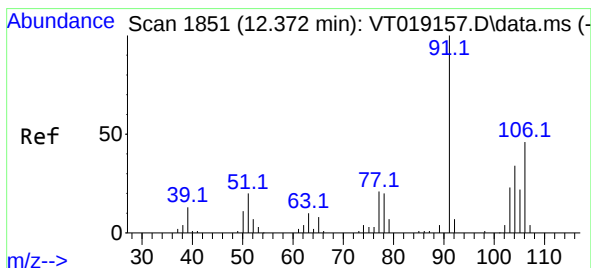
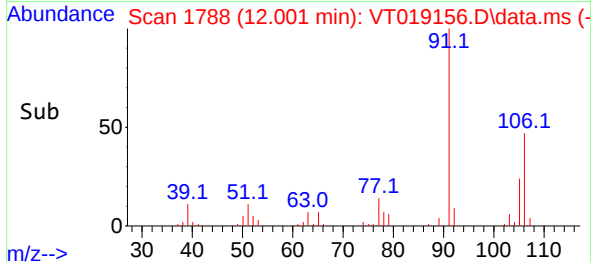
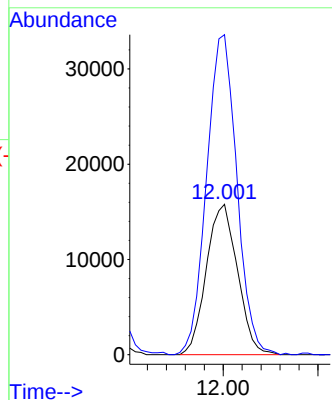
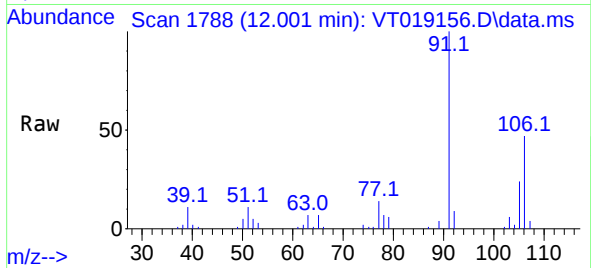




#67
m/p-Xylenes
Concen: 19.016 ug/l
RT: 12.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

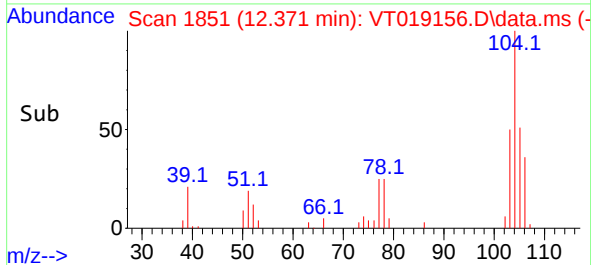
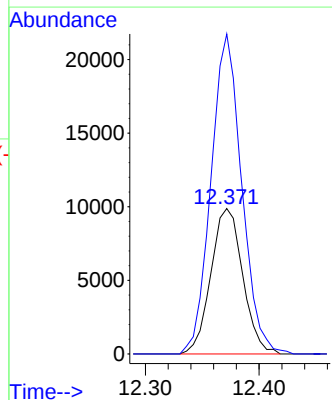
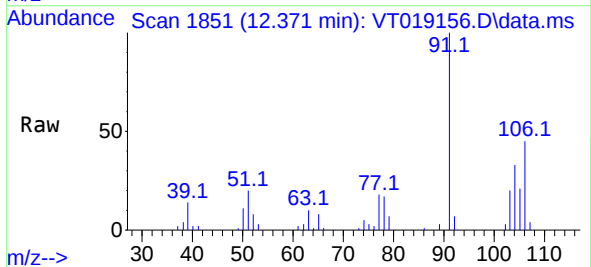
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

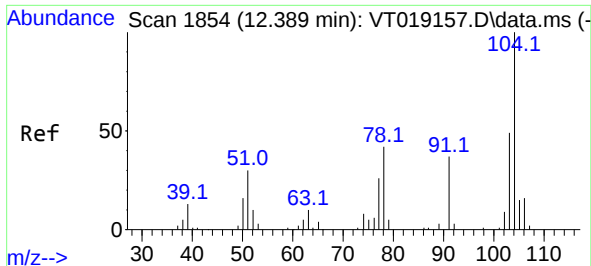
Tgt Ion:106 Resp: 36011
Ion Ratio Lower Upper
106 100
91 206.5 164.4 246.6



#68
o-Xylene
Concen: 9.835 ug/l
RT: 12.371 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion:106 Resp: 19224
Ion Ratio Lower Upper
106 100
91 212.2 111.3 333.8

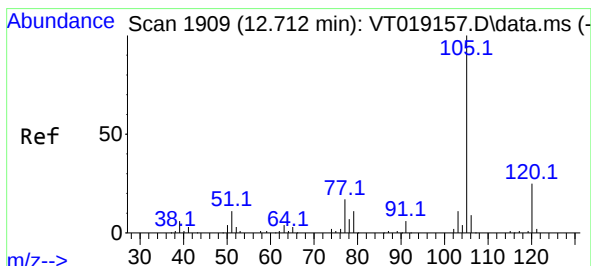
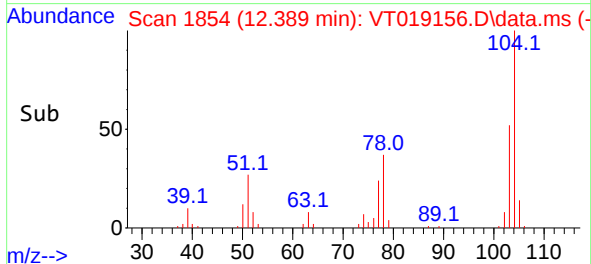
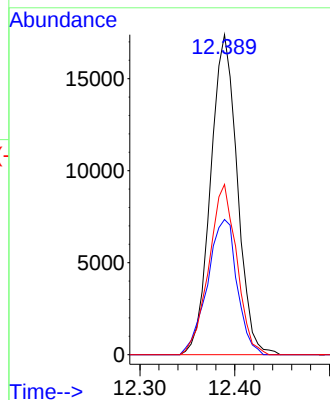
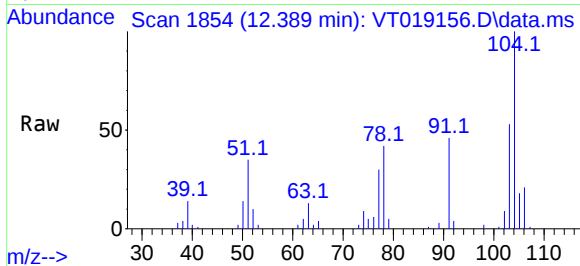




#69
Styrene
Concen: 9.667 ug/l
RT: 12.389 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

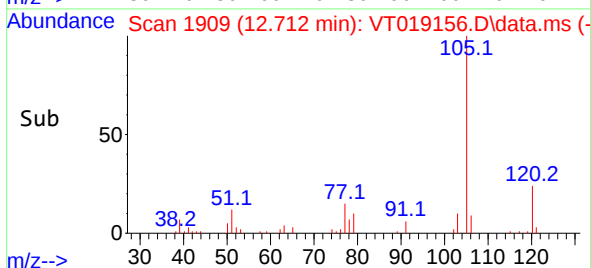
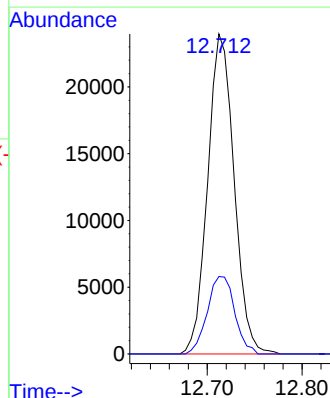
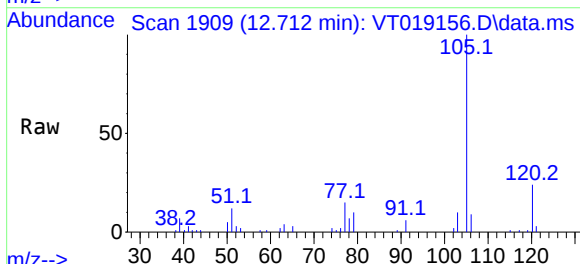
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

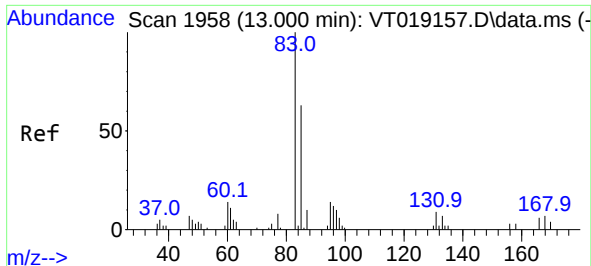
Tgt Ion:104 Resp: 33925
Ion Ratio Lower Upper
104 100
78 47.0 42.6 63.8
103 55.6 43.5 65.3



#70
Isopropylbenzene
Concen: 9.691 ug/l
RT: 12.712 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion:105 Resp: 46466
Ion Ratio Lower Upper
105 100
120 25.1 17.8 33.0

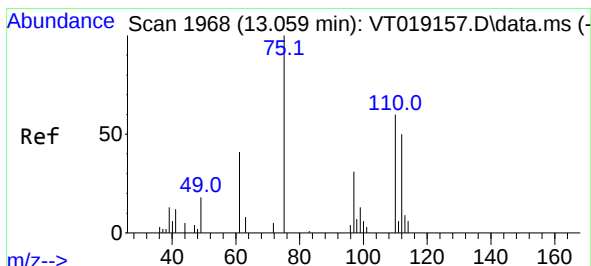
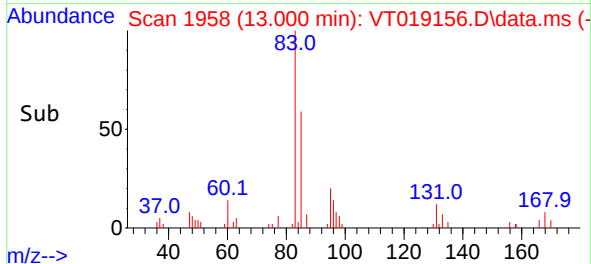
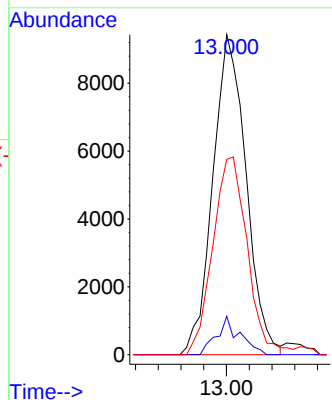
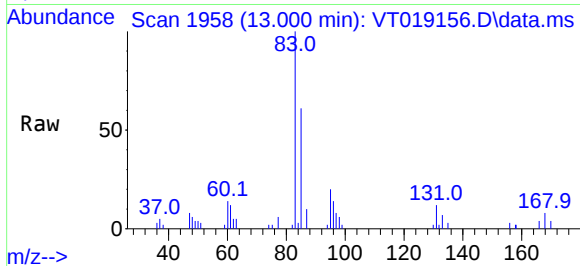




#71
1,1,2,2-Tetrachloroethane
Concen: 10.170 ug/l
RT: 13.000 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

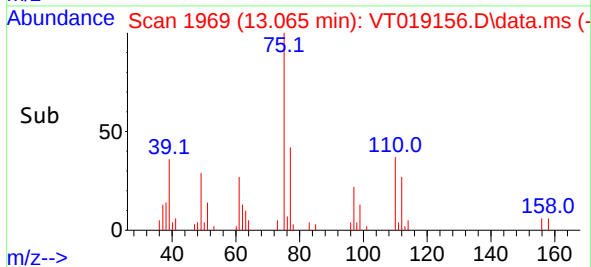
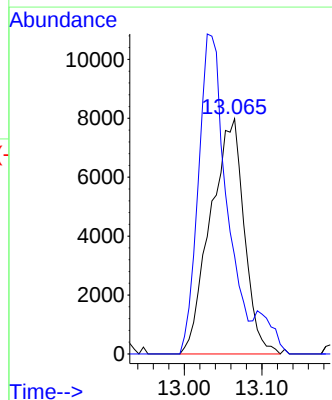
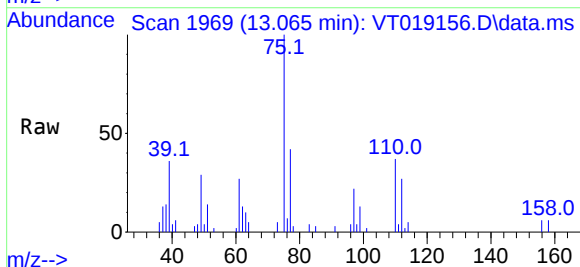
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

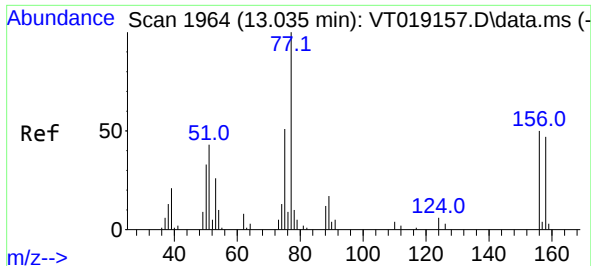
Tgt Ion: 83 Resp: 19132
Ion Ratio Lower Upper
83 100
131 5.6 6.0 18.0#
85 64.1 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 16.274 ug/l
RT: 13.065 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 75 Resp: 24130
Ion Ratio Lower Upper
75 100
77 10.8 0.0 74.2

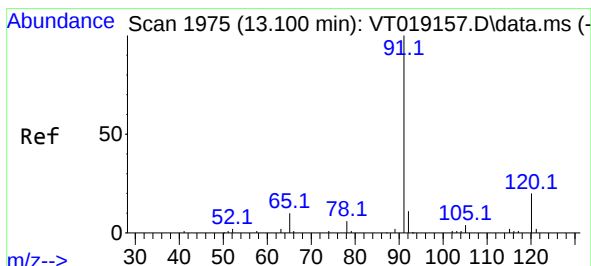
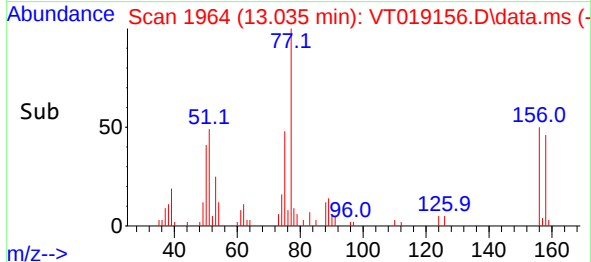
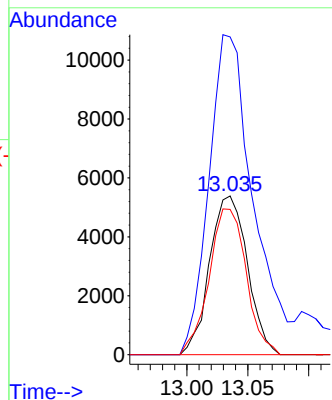
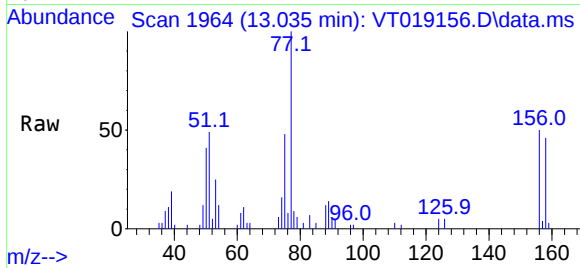




#73
Bromobenzene
Concen: 10.305 ug/l
RT: 13.035 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

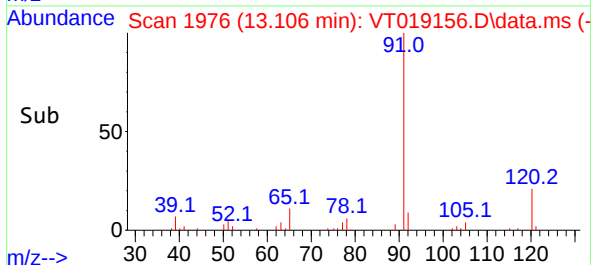
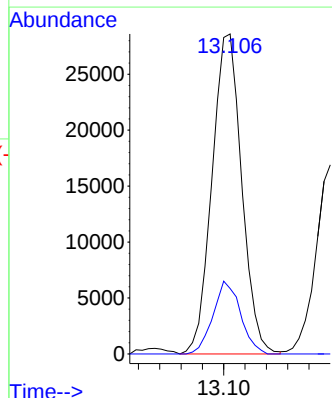
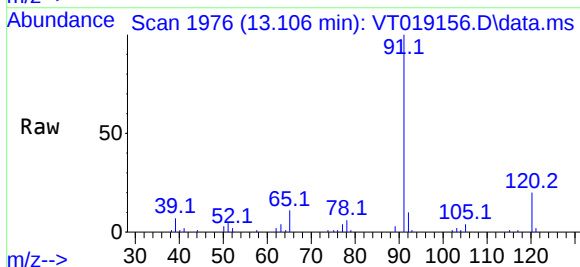
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

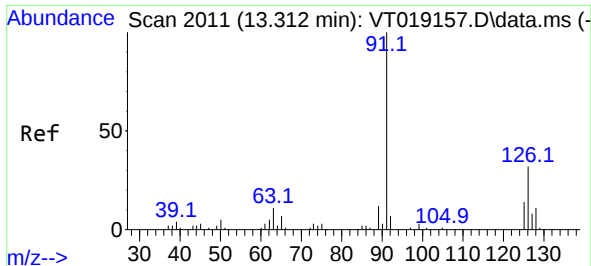
Tgt Ion:156 Resp: 11619
Ion Ratio Lower Upper
156 100
77 233.6 0.0 340.8
158 90.5 0.0 189.0



#74
n-propylbenzene
Concen: 9.556 ug/l
RT: 13.106 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 91 Resp: 55248
Ion Ratio Lower Upper
91 100
120 21.0 0.0 44.4

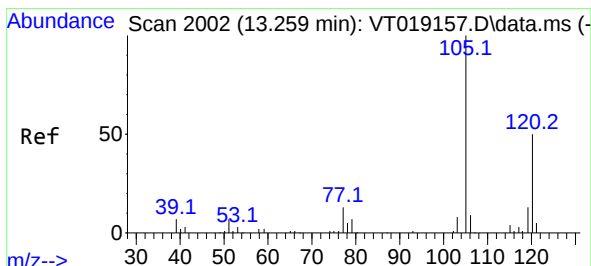
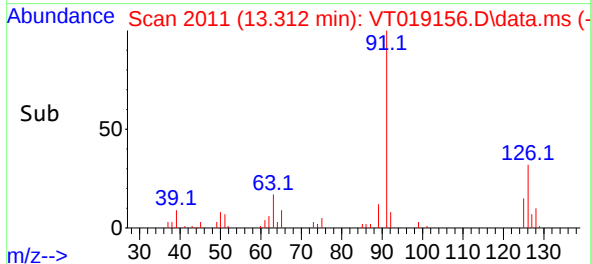
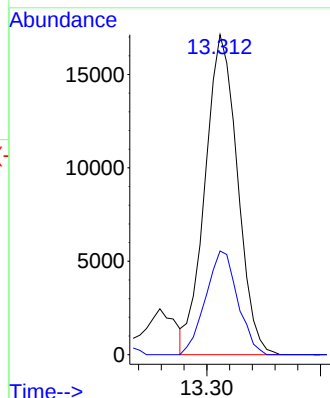
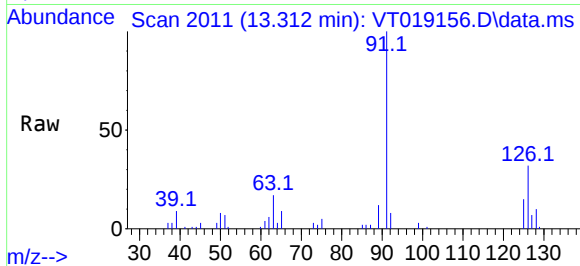




#75
2-Chlorotoluene
Concen: 9.578 ug/l
RT: 13.312 min Scan# 2011
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

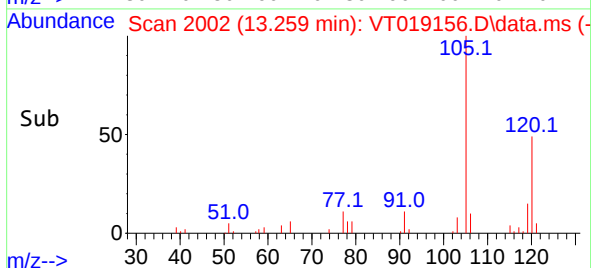
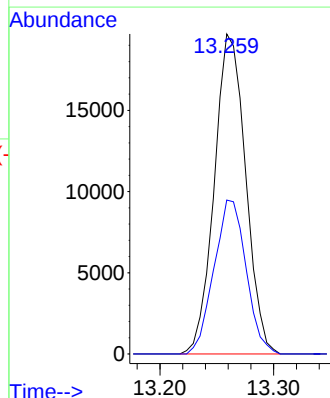
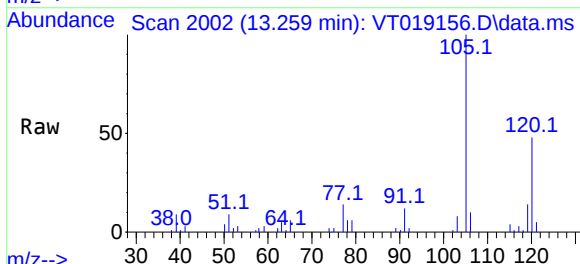
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

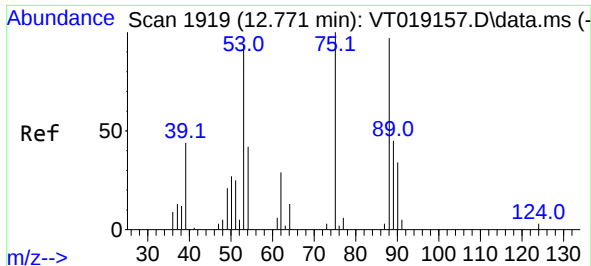
Tgt Ion: 91 Resp: 33899
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 9.581 ug/l
RT: 13.259 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 105 Resp: 37686
Ion Ratio Lower Upper
105 100
120 49.3 0.0 93.0

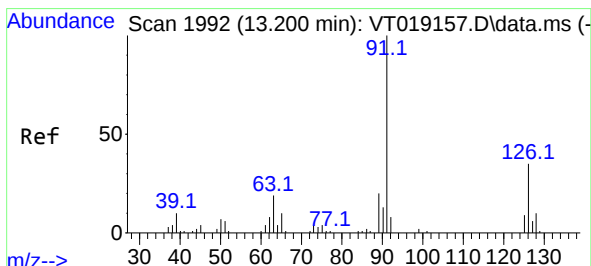
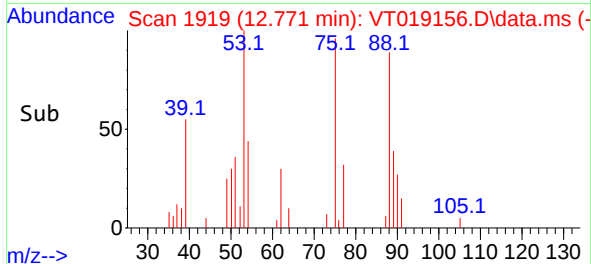
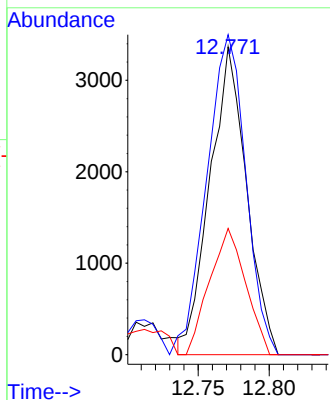
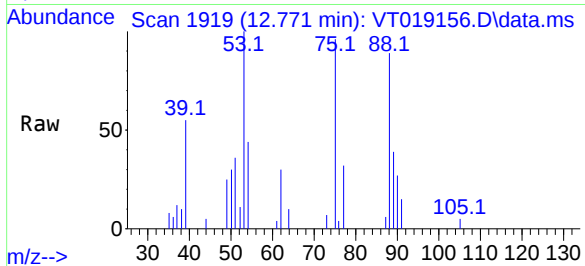




#77
t-1,4-Dichloro-2-butene
Concen: 8.935 ug/l
RT: 12.771 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

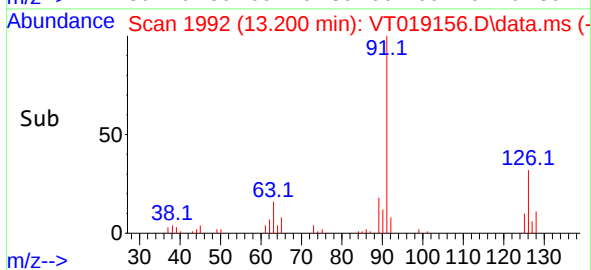
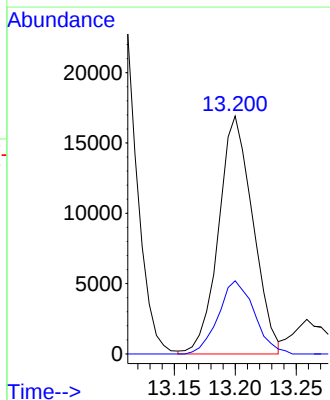
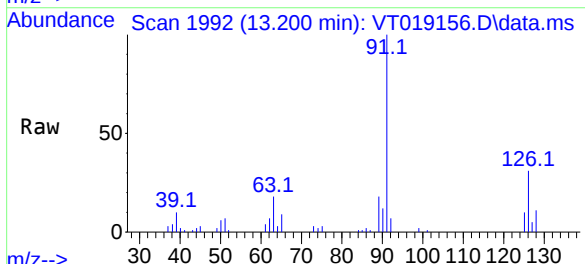
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

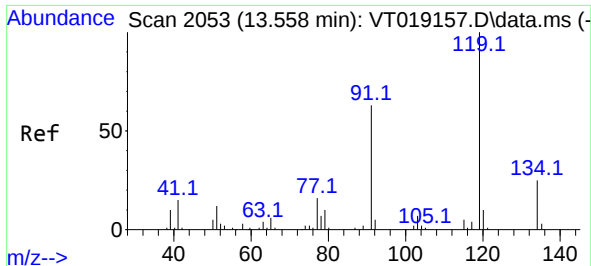
Tgt Ion: 75 Resp: 6028
Ion Ratio Lower Upper
75 100
53 104.0 48.4 145.2
89 41.0 33.8 101.3



#78
4-Chlorotoluene
Concen: 9.514 ug/l
RT: 13.200 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 91 Resp: 33217
Ion Ratio Lower Upper
91 100
126 32.1 0.0 57.2

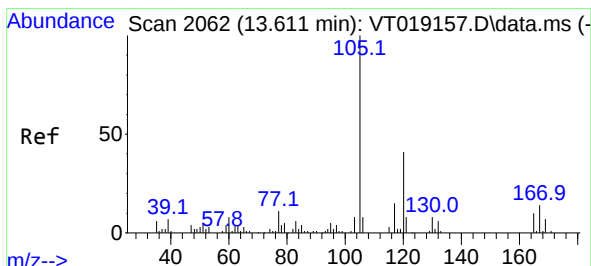
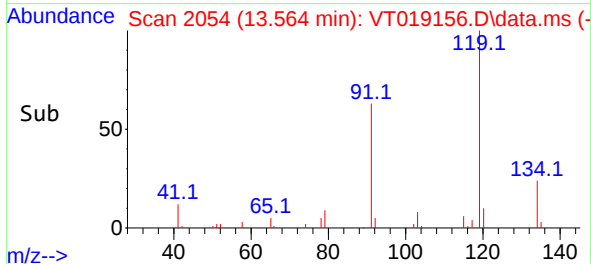
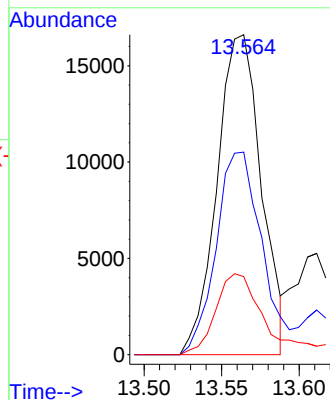
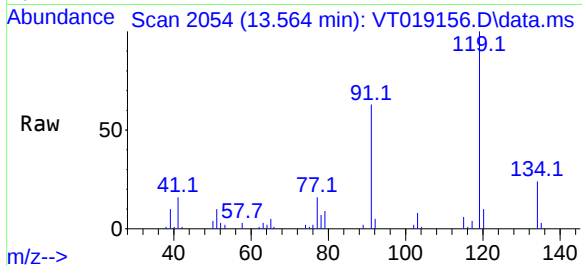




#79
tert-butylbenzene
Concen: 9.426 ug/l
RT: 13.564 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

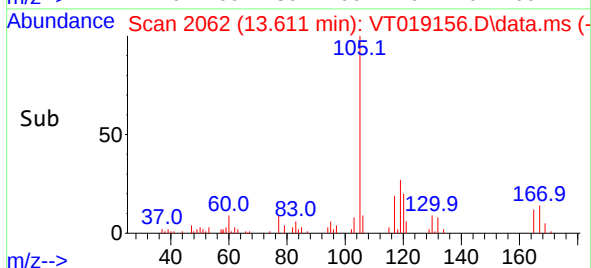
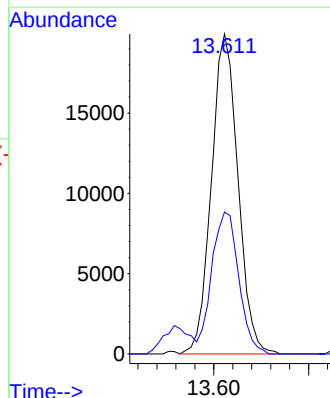
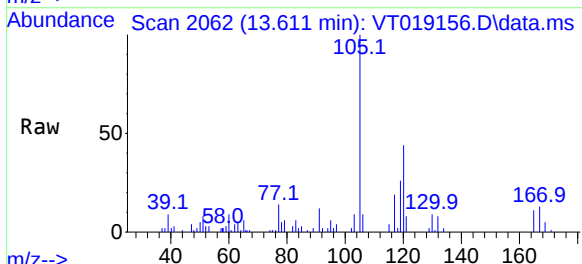
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

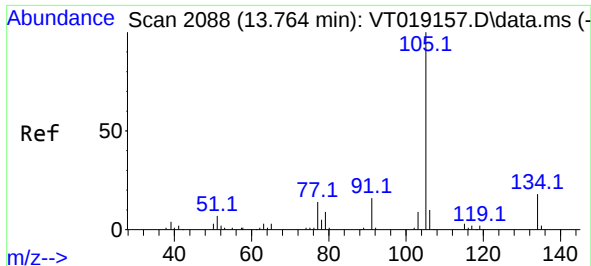
Tgt Ion:119 Resp: 32930
Ion Ratio Lower Upper
119 100
91 65.2 0.0 120.6
134 28.5 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 9.441 ug/l
RT: 13.611 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion:105 Resp: 38747
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.6

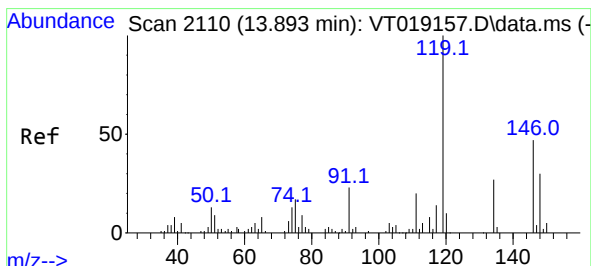
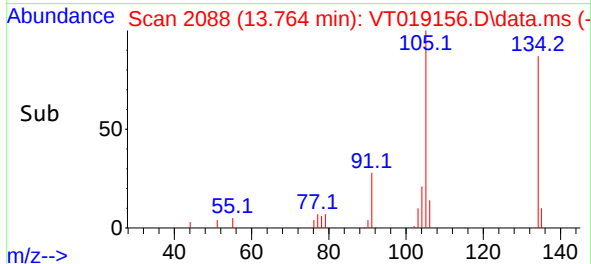
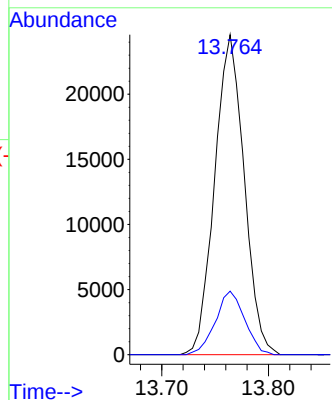
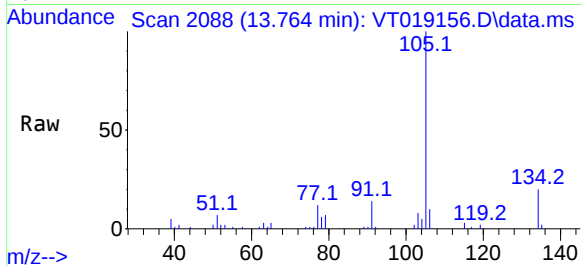




#81
 sec-Butylbenzene
 Concen: 9.360 ug/l
 RT: 13.764 min Scan# 2088
 Delta R.T. -0.000 min
 Lab File: VT019156.D
 Acq: 22 Oct 2025 13:35

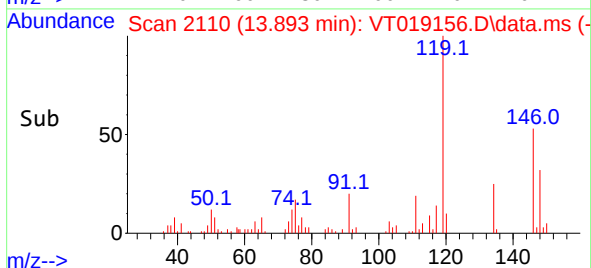
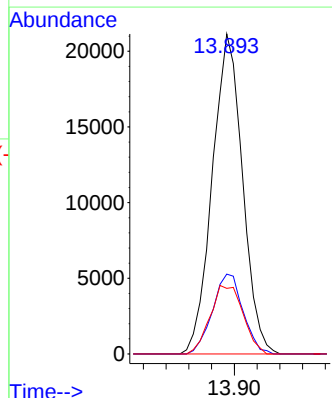
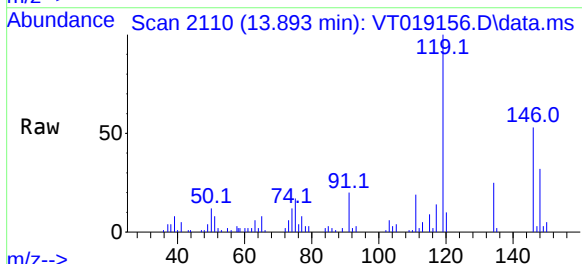
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

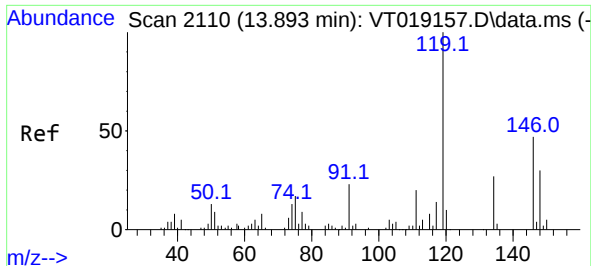
Tgt Ion:105 Resp: 47115
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 9.323 ug/l
 RT: 13.893 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: VT019156.D
 Acq: 22 Oct 2025 13:35

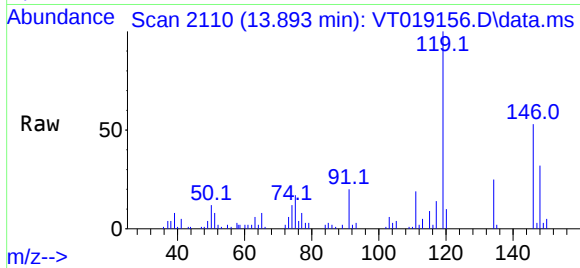
Tgt Ion:119 Resp: 39041
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.8
 91 23.3 0.0 51.0



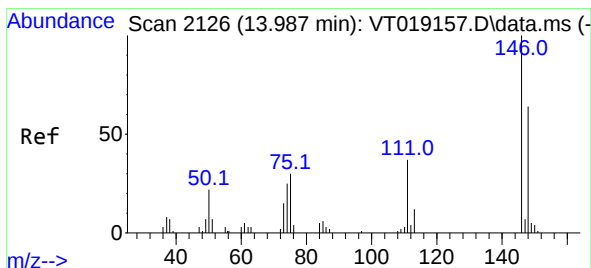
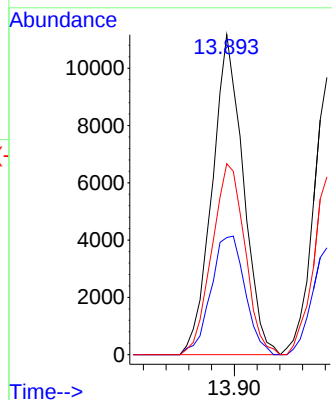
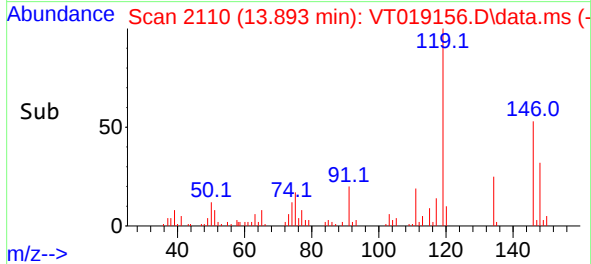


#83
1,3-Dichlorobenzene
Concen: 9.571 ug/l
RT: 13.893 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

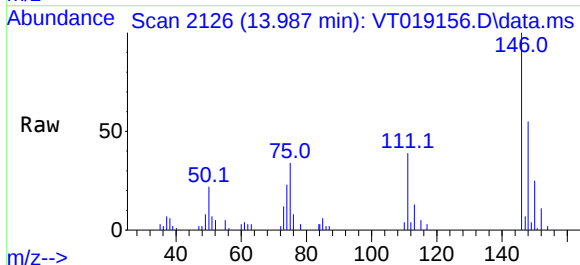
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010



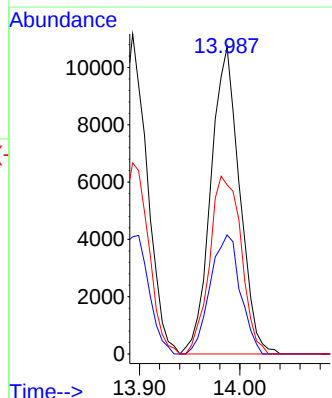
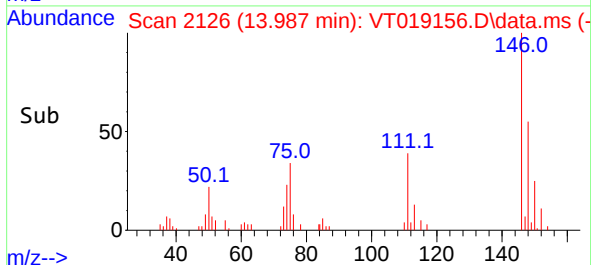
Tgt Ion:146 Resp: 21163
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 63.4 31.8 95.3

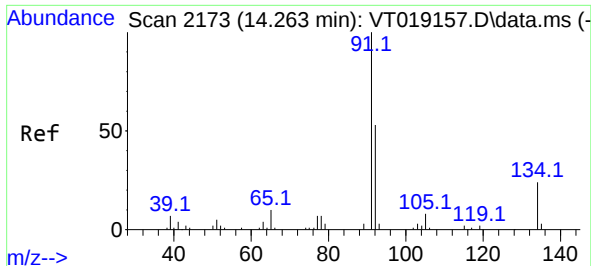


#84
1,4-Dichlorobenzene
Concen: 9.557 ug/l
RT: 13.987 min Scan# 2126
Delta R.T. 0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35



Tgt Ion:146 Resp: 21276
Ion Ratio Lower Upper
146 100
111 40.7 20.4 61.3
148 63.8 32.3 96.8

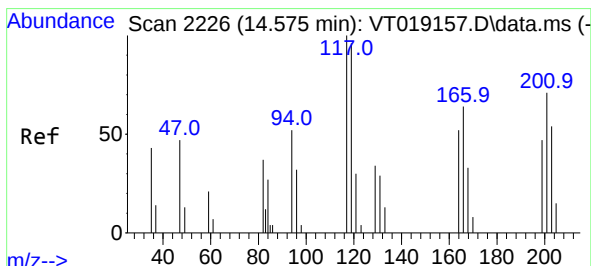
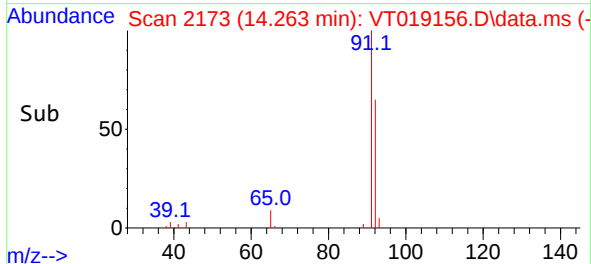
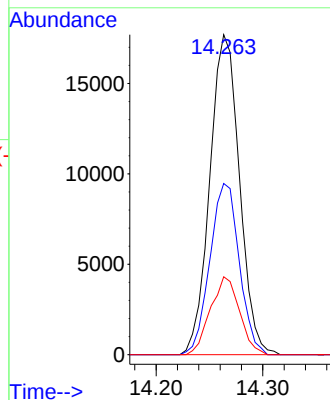
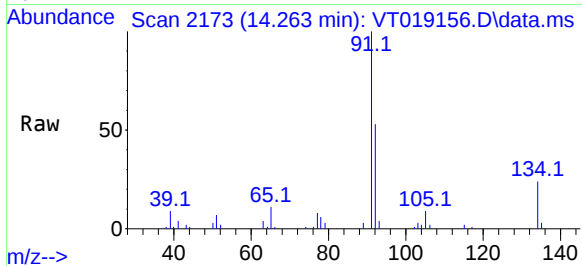




#85
n-Butylbenzene
Concen: 8.917 ug/l
RT: 14.263 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

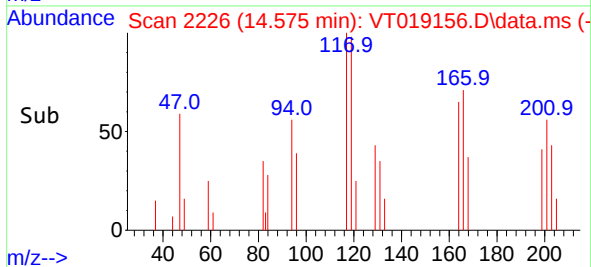
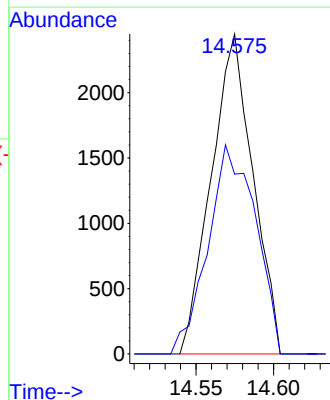
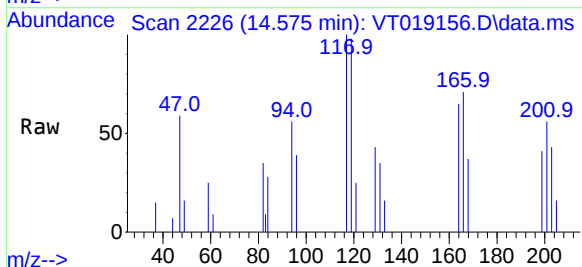
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

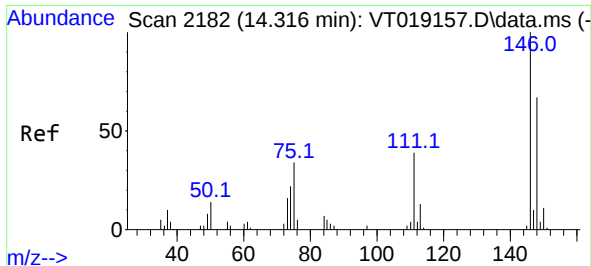
Tgt Ion: 91 Resp: 34176
Ion Ratio Lower Upper
91 100
92 53.0 0.0 107.8
134 23.9 0.0 50.0



#86
Hexachloroethane
Concen: 8.173 ug/l
RT: 14.575 min Scan# 2226
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 117 Resp: 4587
Ion Ratio Lower Upper
117 100
201 74.3 0.5 1.5#



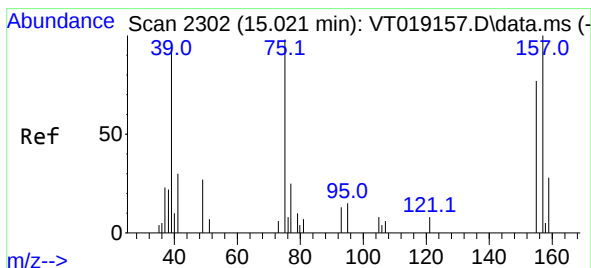
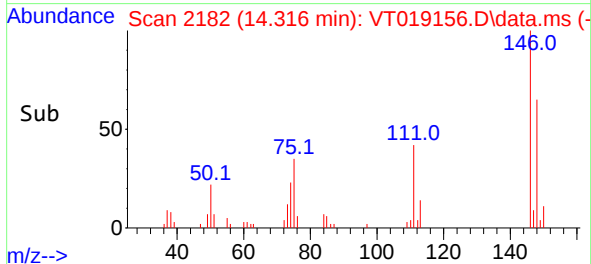
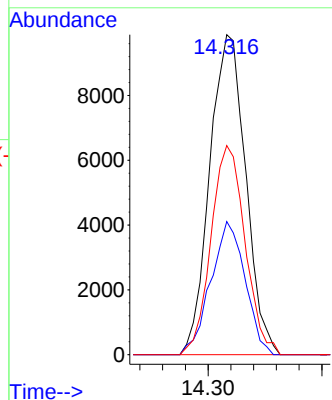
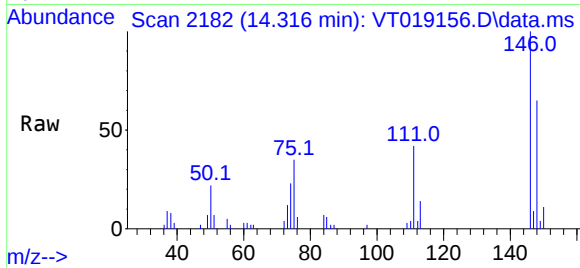


#87
1,2-Dichlorobenzene
Concen: 9.827 ug/l
RT: 14.316 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 21707

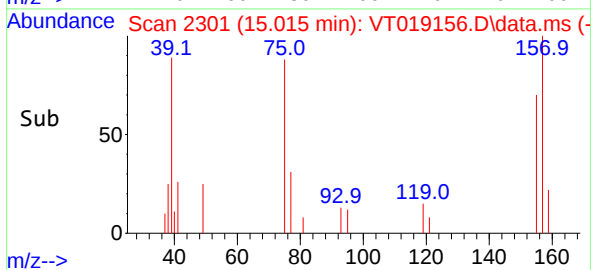
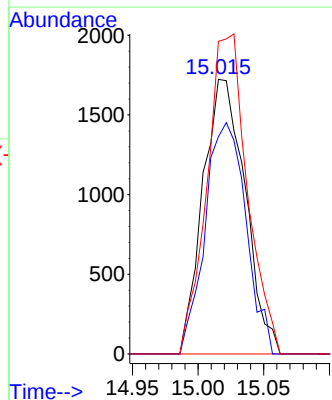
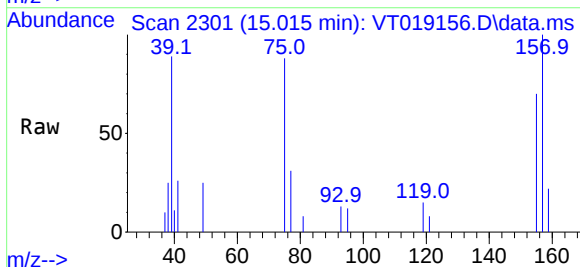
Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.8	65.3
148	62.0	32.4	97.0

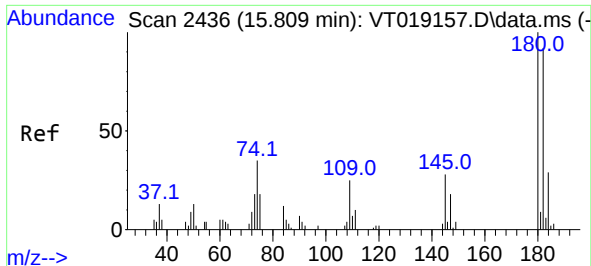


#88
1,2-Dibromo-3-Chloropropane
Concen: 9.325 ug/l
RT: 15.015 min Scan# 2301
Delta R.T. -0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion: 75 Resp: 3854

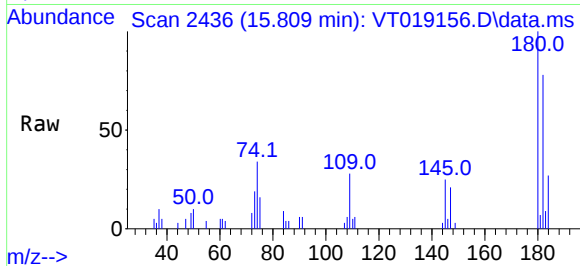
Ion	Ratio	Lower	Upper
75	100		
155	81.4	65.4	98.2
157	111.8	82.0	123.0



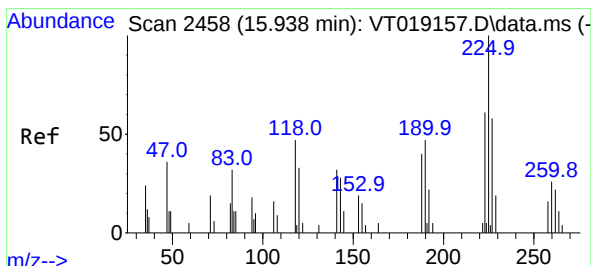
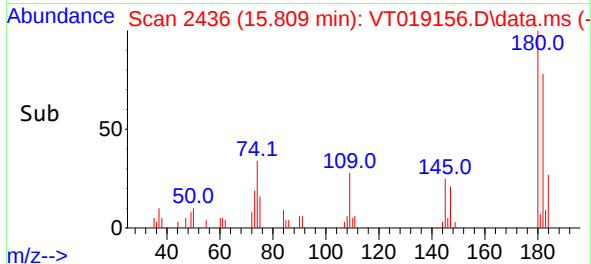
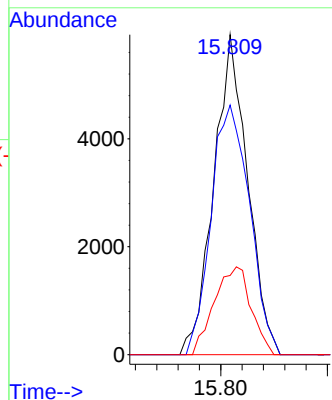


#89
1,2,4-Trichlorobenzene
Concen: 9.710 ug/l
RT: 15.809 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

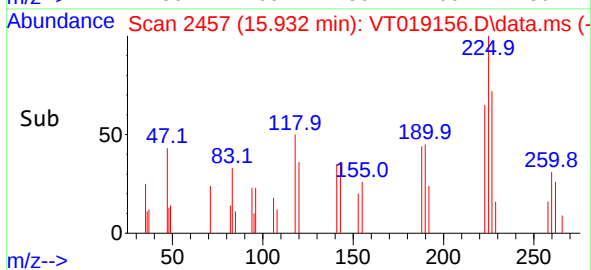
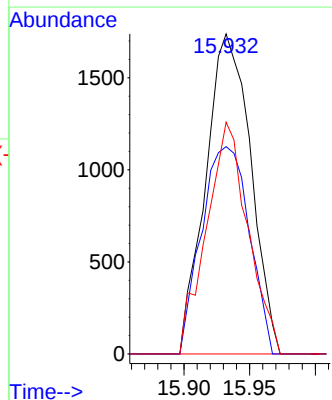
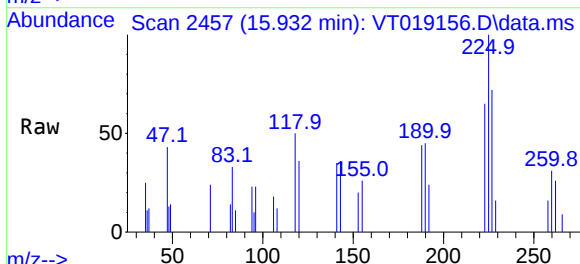


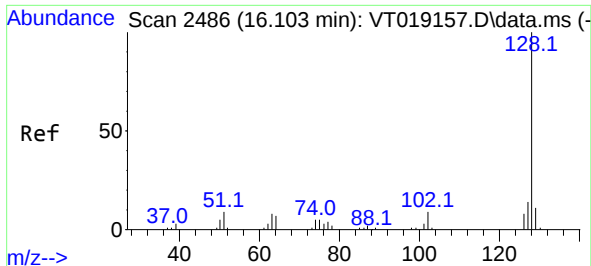
Tgt Ion:180 Resp: 13057
Ion Ratio Lower Upper
180 100
182 88.8 78.2 117.2
145 29.9 26.5 39.7



#90
Hexachlorobutadiene
Concen: 9.306 ug/l
RT: 15.932 min Scan# 2457
Delta R.T. -0.006 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion:225 Resp: 4149
Ion Ratio Lower Upper
225 100
223 68.6 0.0 73.8
227 66.6 0.0 130.6



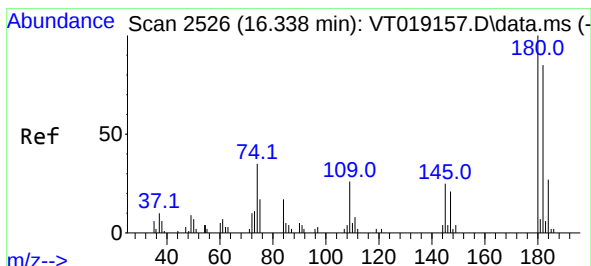
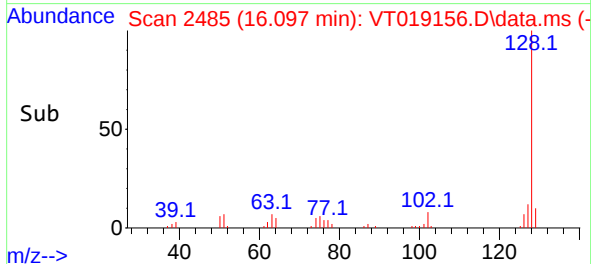
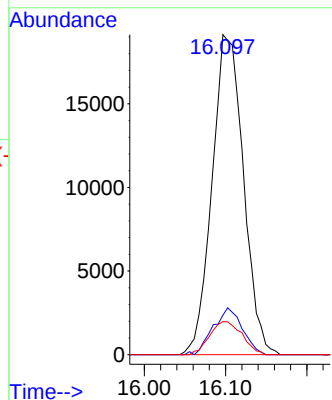
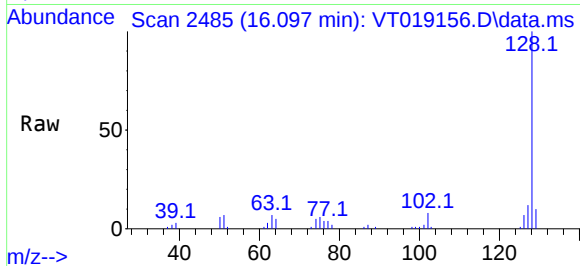


#91
Naphthalene
Concen: 9.868 ug/l
RT: 16.097 min Scan# 2486
Delta R.T. -0.000 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 51289

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.7	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 9.536 ug/l
RT: 16.337 min Scan# 2526
Delta R.T. -0.001 min
Lab File: VT019156.D
Acq: 22 Oct 2025 13:35

Tgt Ion:180 Resp: 12943

Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	189.0
145	30.9	0.0	69.2

