

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019172.D
 Acq On : 24 Oct 2025 9:46
 Operator : SY/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDC0020

Quant Time: Oct 25 01:39:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.054	128	24643	30.000	ug/l	#-0.02
28) 1,4-Difluorobenzene	8.553	114	154744	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	130375	30.000	ug/l	-0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	65393	30.289	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.967%			
60) 4-Bromofluorobenzene	12.859	95	60777	29.661	ug/l	-0.03
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.867%			
63) Toluene-d8	10.233	98	186127	29.331	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	13259	19.605	ug/l	94
3) Chloromethane	2.078	50	10347	6.665	ug/l	90
4) Vinyl Chloride	2.189	62	31720	18.283	ug/l	97
5) Bromomethane	2.542	94	27702	19.226	ug/l	97
6) Chloroethane	2.677	64	25863	16.903	ug/l	99
7) Trichlorofluoromethane	2.977	101	51538	18.317	ug/l	97
8) Diethyl Ether	3.341	74	31277	18.054	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.670	101	22215	20.110	ug/l	85
10) 1,1-Dichloroethene	3.646	96	20991	18.969	ug/l	95
11) Methyl Iodide	3.852	142	20503	19.012	ug/l #	11
12) Methyl Acetate	4.199	43	87097	19.903	ug/l	95
13) Acrolein	3.523	56	16063	108.837	ug/l	99
14) Acrylonitrile	4.822	53	123583	91.623	ug/l	98
15) Acetone	3.723	58	43767	91.075	ug/l	98
16) Carbon Disulfide	3.946	76	36413	17.618	ug/l #	93
17) Allyl chloride	4.199	41	52841	20.087	ug/l	91
18) Methylene Chloride	4.410	84	30024	18.191	ug/l	94
19) trans-1,2-Dichloroethene	6.661	96	31920	18.748	ug/l	90
20) Diisopropyl ether	5.785	45	127403	19.026	ug/l #	65
21) 1,1-Dichloroethane	5.674	63	57006	18.219	ug/l	98
22) cis-1,2-Dichloroethene	6.661	96	31920	18.748	ug/l	93
23) tert-Butyl Alcohol	4.639	59	53918	91.242	ug/l #	100
24) Methyl tert-Butyl Ether	4.886	73	127191	19.128	ug/l #	82
25) Chloroform	7.242	83	54542	19.056	ug/l	95
26) Cyclohexane	7.542	56	34920	19.018	ug/l #	98
29) 1,1-Dichloropropene	7.683	75	29853	18.436	ug/l	96
30) 2-Butanone	6.672	43	180324	90.349	ug/l	99
31) 2,2-Dichloropropane	6.661	77	46925	19.793	ug/l	94
32) 1,1,1-Trichloroethane	7.448	97	39561	19.392	ug/l #	77
33) Carbon Tetrachloride	7.665	117	26248	20.081	ug/l #	95
34) Benzene	7.953	78	112988	18.834	ug/l #	80
35) Methacrylonitrile	7.025	41	30358	17.870	ug/l	96
36) 1,2-Dichloroethane	8.053	62	43003	19.336	ug/l	99
37) Trichloroethene	8.823	130	20688	18.746	ug/l	99
38) Methylcyclohexane	9.093	83	31812	19.509	ug/l	97
39) 1,2-Dichloropropane	9.140	63	29444	18.740	ug/l #	87
40) Dibromomethane	9.240	93	18370	18.962	ug/l #	75
41) Bromodichloromethane	10.768	83	23846	19.163	ug/l #	97
42) Vinyl Acetate	5.721	43	468346	95.643	ug/l	99

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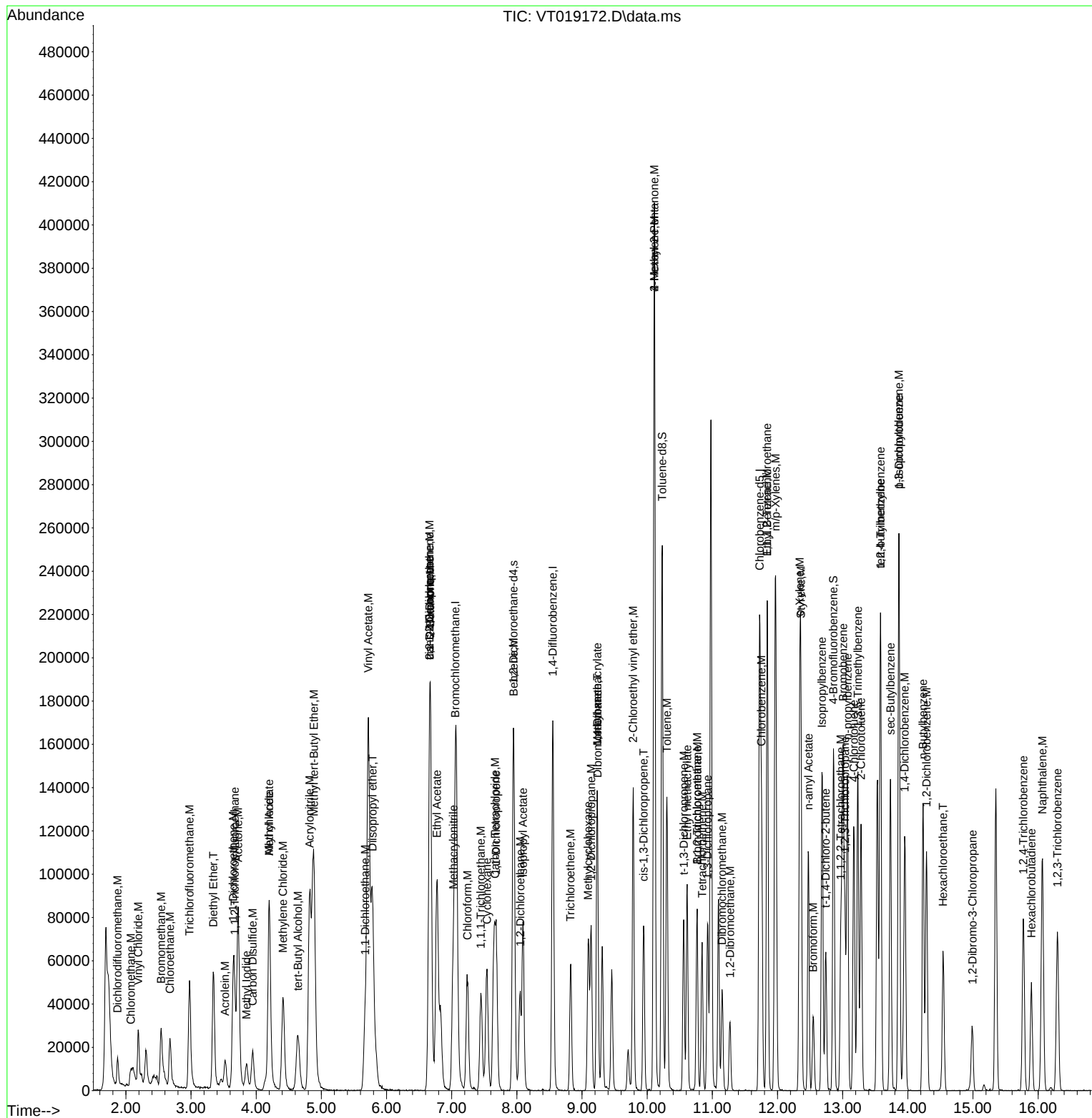
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.772	43	58239	17.751	ug/l	93
44) Isopropyl Acetate	8.094	43	97187	18.821	ug/l	97
45) 1,4-Dioxane	9.234	88	15310	341.768	ug/l #	72
46) Methyl methacrylate	9.234	41	43937	19.030	ug/l	85
47) n-amyl Acetate	12.477	43	66810	19.227	ug/l	99
48) t-1,3-Dichloropropene	10.562	75	44799	19.841	ug/l	99
49) cis-1,3-Dichloropropene	9.945	75	46315	19.527	ug/l	96
50) 1,1,2-Trichloroethane	10.768	97	27171	19.069	ug/l #	78
51) Ethyl methacrylate	10.615	69	52150	19.530	ug/l	98
52) 1,3-Dichloropropane	10.926	76	48278	18.970	ug/l	99
53) Dibromochloromethane	11.150	129	26401	19.863	ug/l #	1
54) 1,2-Dibromoethane	11.273	107	25839	19.497	ug/l	99
55) 2-Chloroethyl vinyl ether	9.786	63	65232	83.758	ug/l	98
56) Bromoform	12.548	173	17996	20.596	ug/l #	16
58) 4-Methyl-2-Pentanone	10.110	43	287264	89.972	ug/l	98
59) 2-Hexanone	10.110	43	287264	89.972	ug/l #	83
61) Tetrachloroethene	10.844	164	15760	19.125	ug/l	94
62) Toluene	10.303	91	109752	18.795	ug/l	97
64) Chlorobenzene	11.755	112	65248	18.293	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.843	131	23397	20.138	ug/l	91
66) Ethyl Benzene	11.843	91	117164	18.461	ug/l	96
67) m/p-Xylenes	11.972	106	88369	37.457	ug/l	100
68) o-Xylene	12.342	106	45222	18.570	ug/l	96
69) Styrene	12.360	104	82857	18.952	ug/l	96
70) Isopropylbenzene	12.683	105	117029	19.593	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.971	83	44474	18.977	ug/l	98
72) 1,2,3-Trichloropropane	13.036	75	60586	35.022	ug/l #	1
73) Bromobenzene	13.006	156	26891	19.145	ug/l	62
74) n-propylbenzene	13.077	91	137784	19.130	ug/l	98
75) 2-Chlorotoluene	13.282	91	85729	19.443	ug/l	98
76) 1,3,5-Trimethylbenzene	13.235	105	94404	19.265	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	16834	20.027	ug/l	87
78) 4-Chlorotoluene	13.171	91	83544	19.208	ug/l	94
79) tert-butylbenzene	13.582	119	23029	5.291	ug/l	74
80) 1,2,4-Trimethylbenzene	13.582	105	96923	18.957	ug/l	99
81) sec-Butylbenzene	13.735	105	122124	19.474	ug/l	98
82) p-Isopropyltoluene	13.864	119	101712	19.496	ug/l	98
83) 1,3-Dichlorobenzene	13.864	146	54492	19.782	ug/l	97
84) 1,4-Dichlorobenzene	13.952	146	54701	19.723	ug/l	97
85) n-Butylbenzene	14.234	91	92883	19.453	ug/l	98
86) Hexachloroethane	14.540	117	15315	21.905	ug/l #	1
87) 1,2-Dichlorobenzene	14.287	146	55283	20.089	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.992	75	10038	19.495	ug/l	98
89) 1,2,4-Trichlorobenzene	15.774	180	34116	20.365	ug/l	97
90) Hexachlorobutadiene	15.897	225	11756	21.165	ug/l	83
91) Naphthalene	16.067	128	130517	20.157	ug/l	99
92) 1,2,3-Trichlorobenzene	16.297	180	33618	19.881	ug/l	98

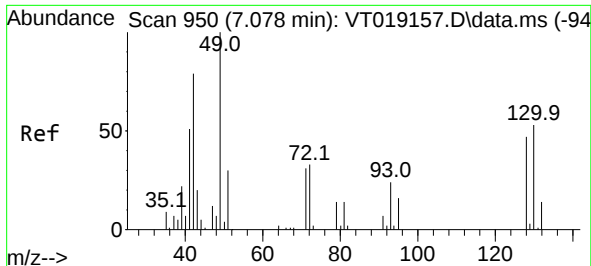
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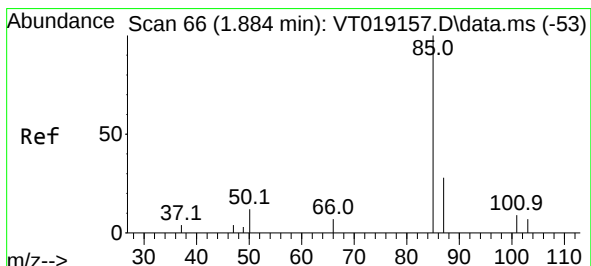
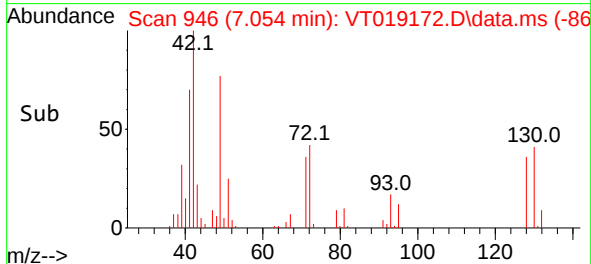
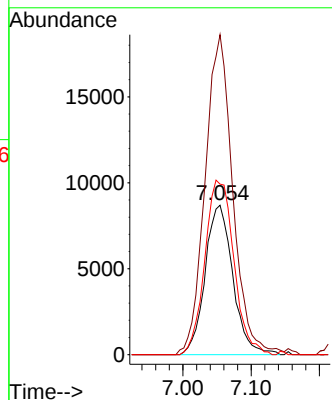
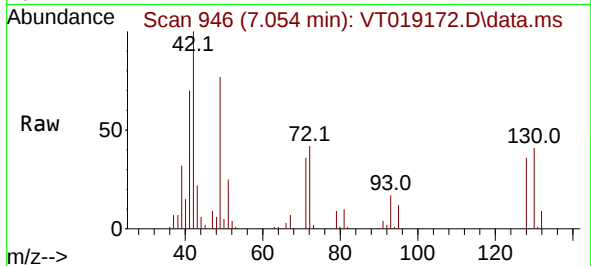




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.054 min Scan# 94
Delta R.T. -0.024 min
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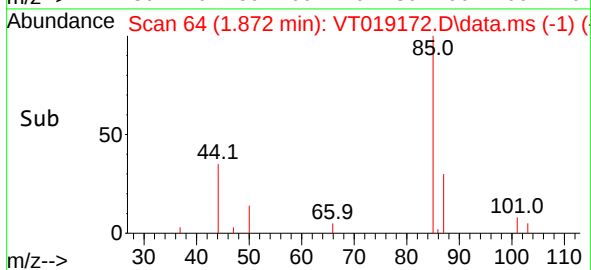
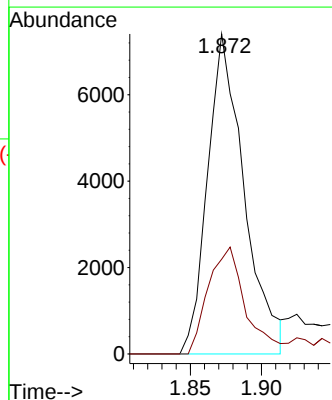
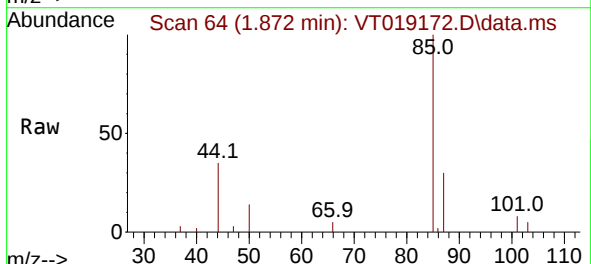
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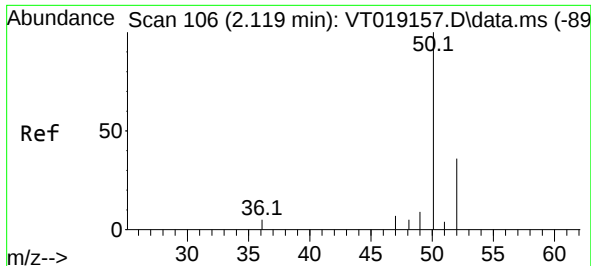
Tgt Ion:128 Resp: 24643
Ion Ratio Lower Upper
128 100
49 212.8 0.0 0.0#
130 122.1 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 19.605 ug/l
RT: 1.872 min Scan# 64
Delta R.T. -0.006 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 85 Resp: 13259
Ion Ratio Lower Upper
85 100
87 29.6 16.4 49.1

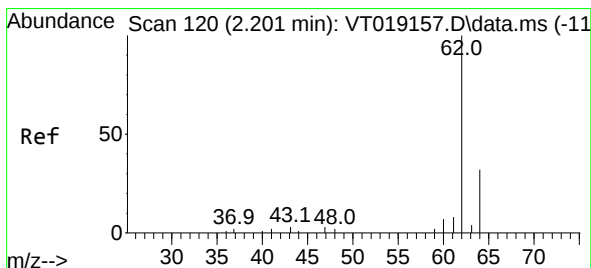
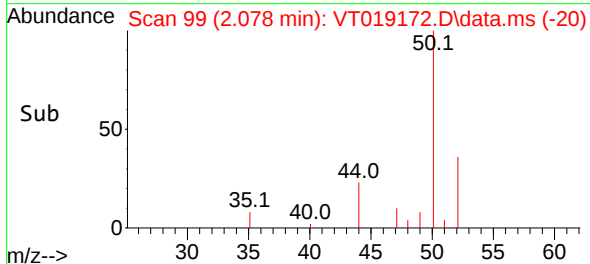
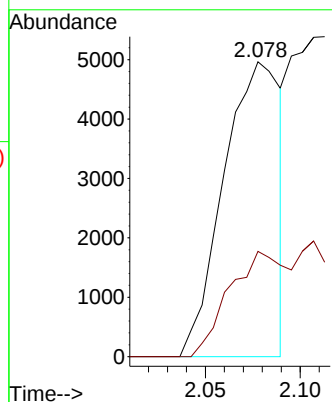
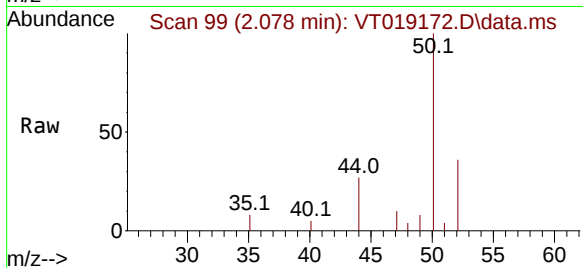




#3
Chloromethane
Concen: 6.665 ug/l
RT: 2.078 min Scan# 99
Delta R.T. -0.035 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

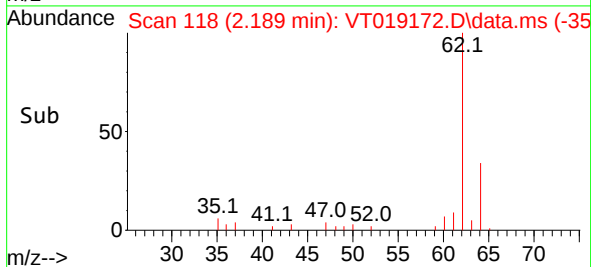
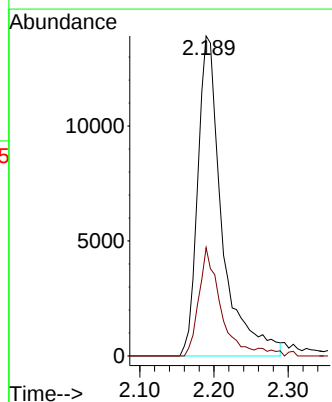
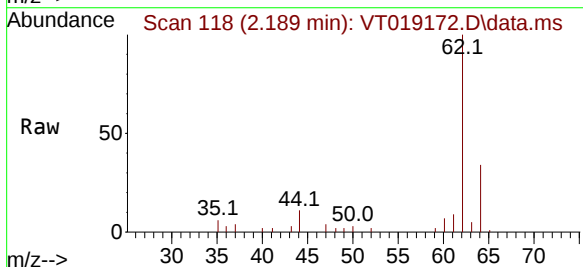
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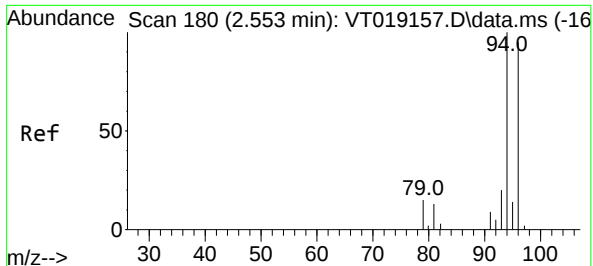
Tgt Ion: 50 Resp: 10347
Ion Ratio Lower Upper
50 100
52 35.7 24.4 36.6



#4
Vinyl Chloride
Concen: 18.283 ug/l
RT: 2.189 min Scan# 118
Delta R.T. -0.012 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 62 Resp: 31720
Ion Ratio Lower Upper
62 100
64 33.8 25.7 38.5

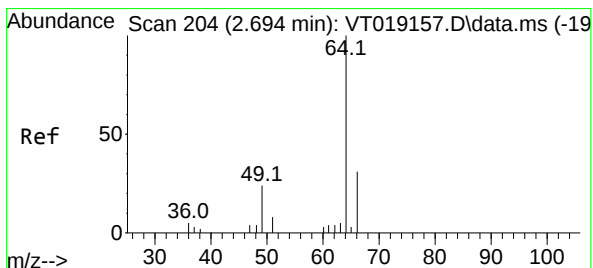
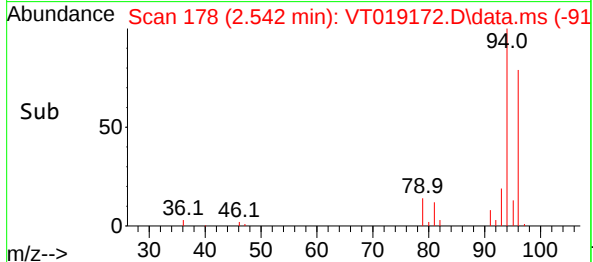
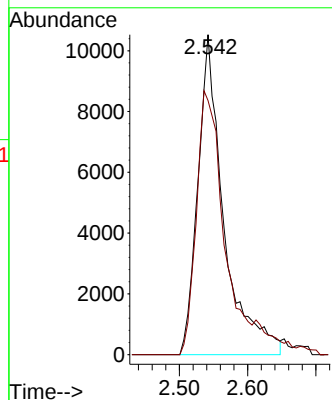
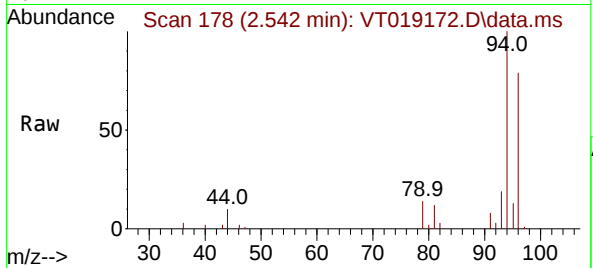




#5
Bromomethane
Concen: 19.226 ug/l
RT: 2.542 min Scan# 11
Delta R.T. 0.012 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

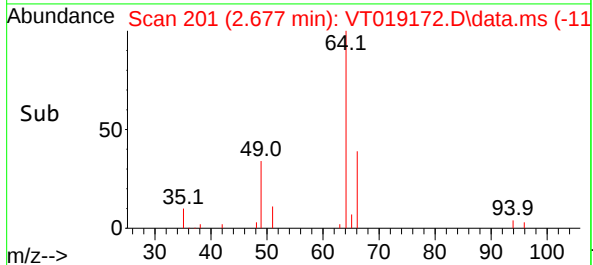
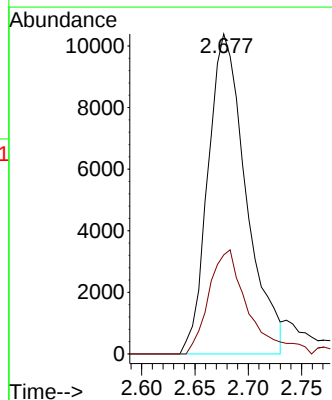
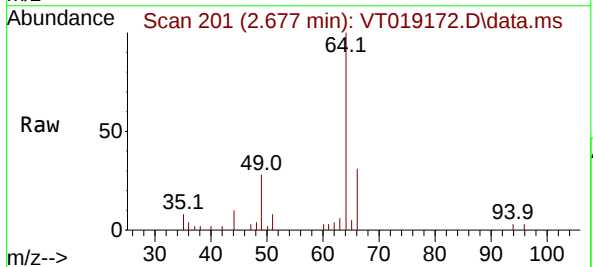
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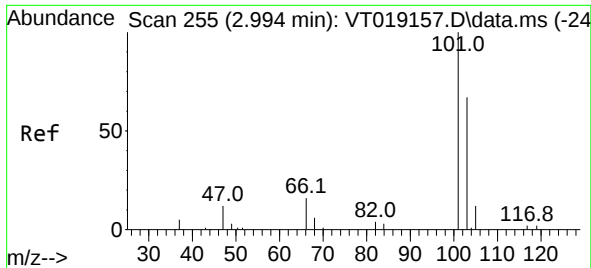
Tgt Ion: 94 Resp: 27702
Ion Ratio Lower Upper
94 100
96 79.4 66.0 99.0



#6
Chloroethane
Concen: 16.903 ug/l
RT: 2.677 min Scan# 201
Delta R.T. -0.000 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 64 Resp: 25863
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5

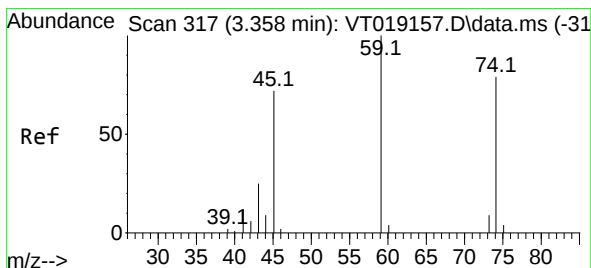
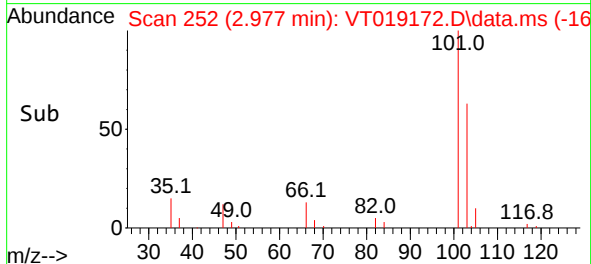
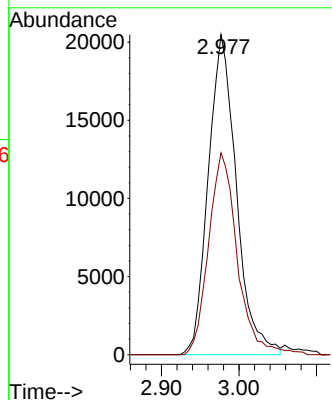
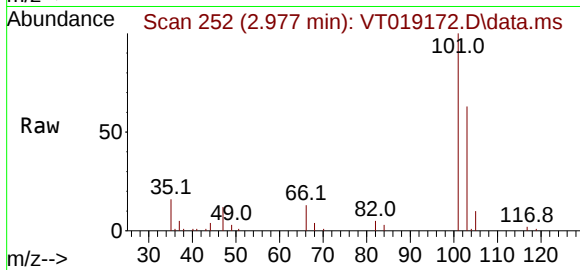




#7
Trichlorofluoromethane
Concen: 18.317 ug/l
RT: 2.977 min Scan# 21
Delta R.T. -0.005 min
Lab File: VT019172.D
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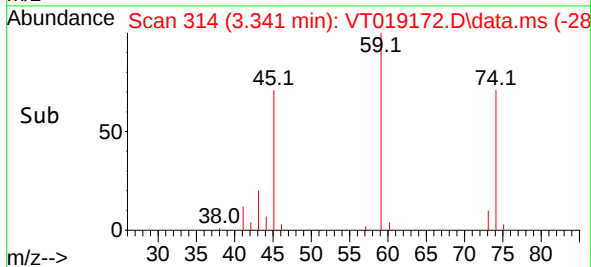
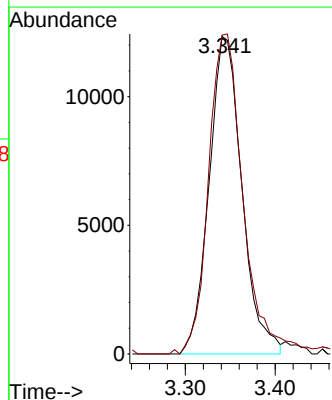
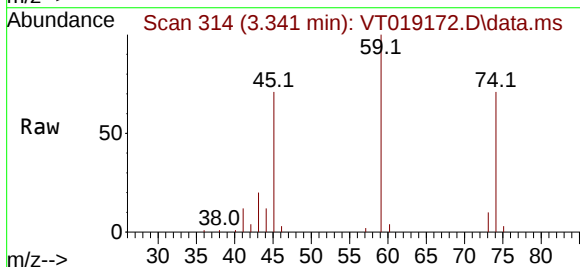
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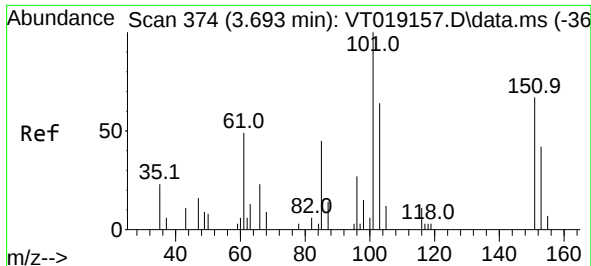
Tgt Ion:101 Resp: 51538
Ion Ratio Lower Upper
101 100
103 63.1 52.4 78.6



#8
Diethyl Ether
Concen: 18.054 ug/l
RT: 3.341 min Scan# 314
Delta R.T. -0.017 min
Lab File: VT019172.D
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Tgt Ion: 74 Resp: 31277
Ion Ratio Lower Upper
74 100
45 106.2 22.0 197.6

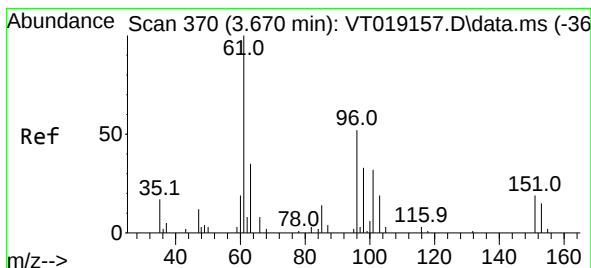
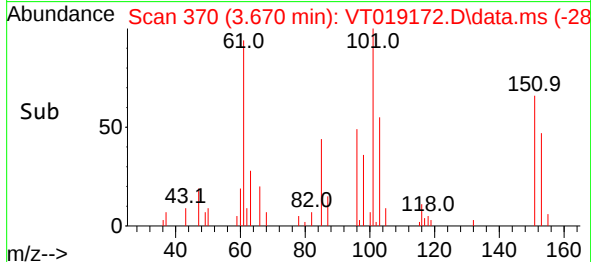
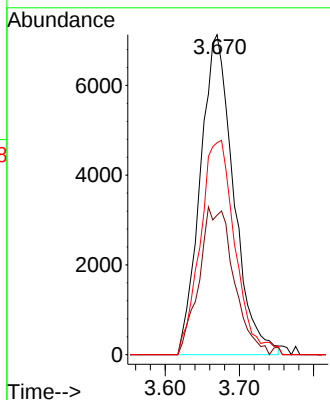
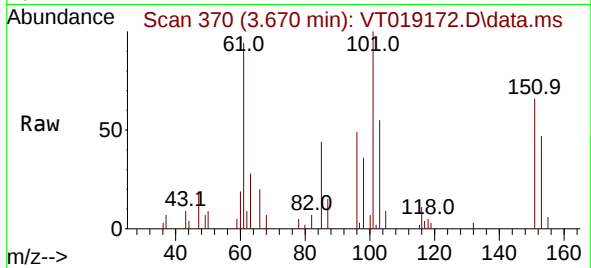




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.110 ug/l
 RT: 3.670 min Scan# 31
 Delta R.T. -0.012 min
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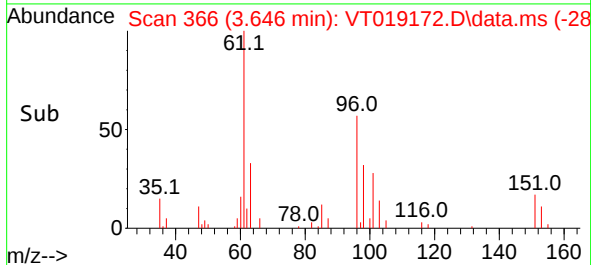
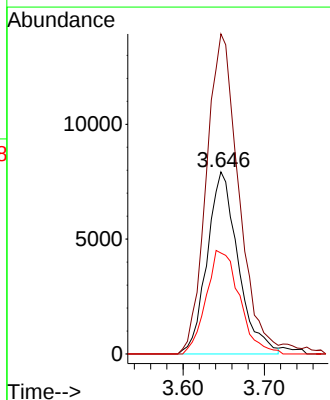
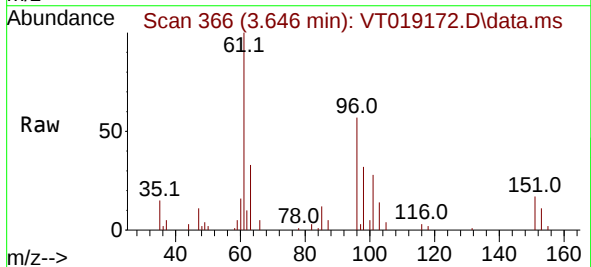
Instrument :
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 ClientSampleId :
 VSTDCCC020

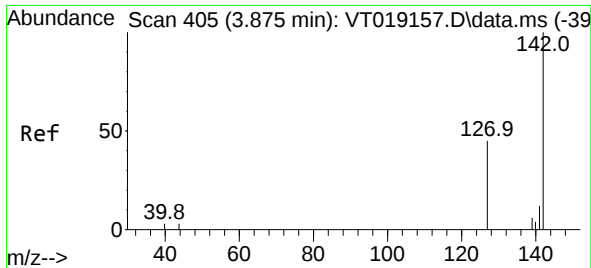
Tgt Ion:101 Resp: 22215
 Ion Ratio Lower Upper
 101 100
 85 21.5 0.0 91.8
 151 68.7 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 18.969 ug/l
 RT: 3.646 min Scan# 366
 Delta R.T. -0.024 min
 Lab File: VT019172.D
 Acq: 24 Oct 2025 9:46

Tgt Ion: 96 Resp: 20991
 Ion Ratio Lower Upper
 96 100
 61 175.7 145.5 218.3
 98 55.4 49.5 74.3

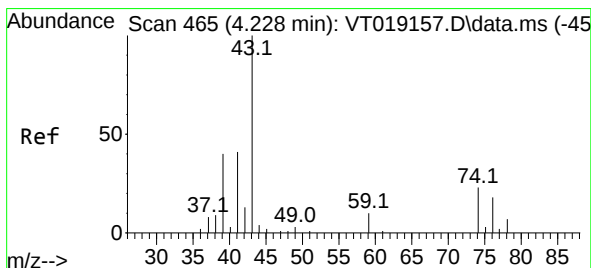
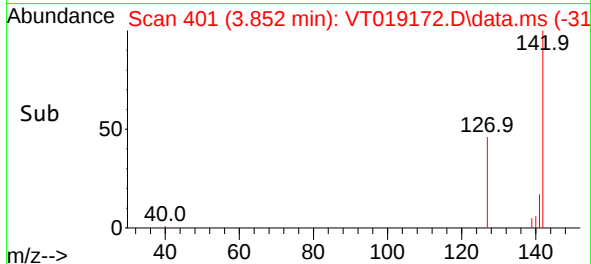
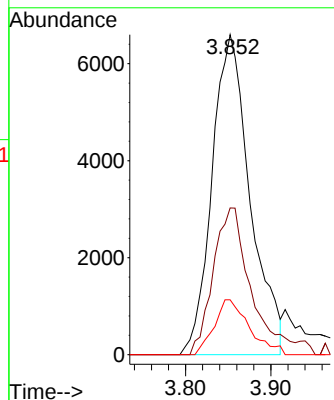
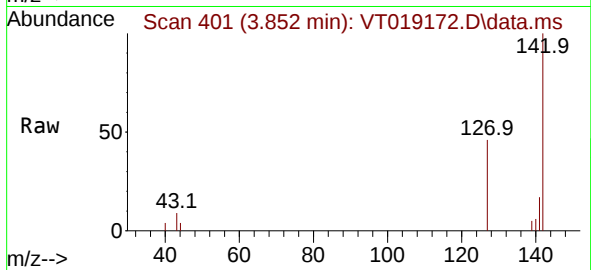




#11
Methyl Iodide
Concen: 19.012 ug/l
RT: 3.852 min Scan# 405
Delta R.T. -0.018 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

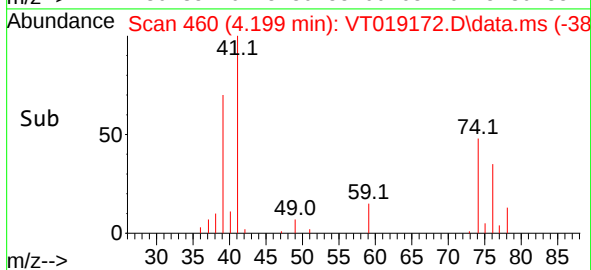
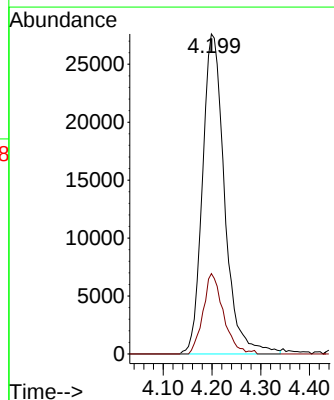
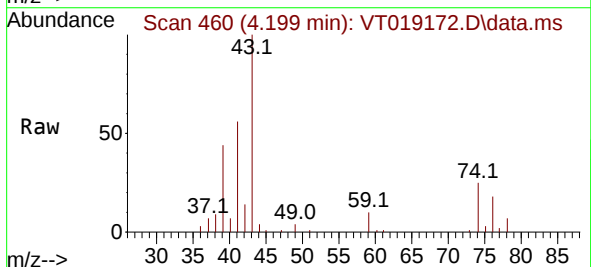
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

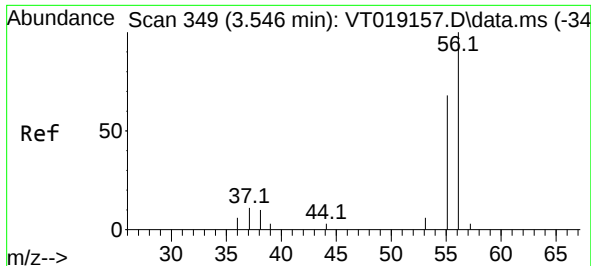
Tgt Ion:142 Resp: 20503
Ion Ratio Lower Upper
142 100
127 45.1 0.9 2.8#
141 16.7 55.5 166.5#



#12
Methyl Acetate
Concen: 19.903 ug/l
RT: 4.199 min Scan# 460
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 43 Resp: 87097
Ion Ratio Lower Upper
43 100
74 25.2 18.4 27.6

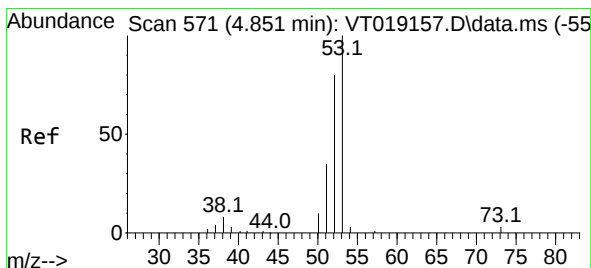
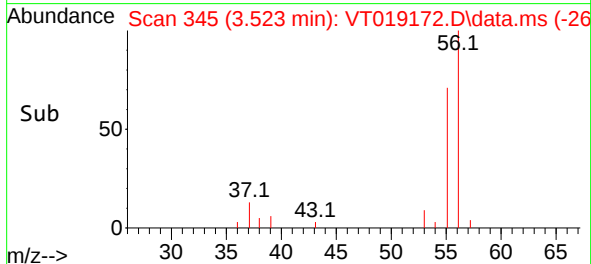
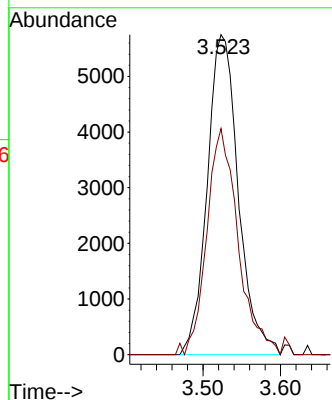
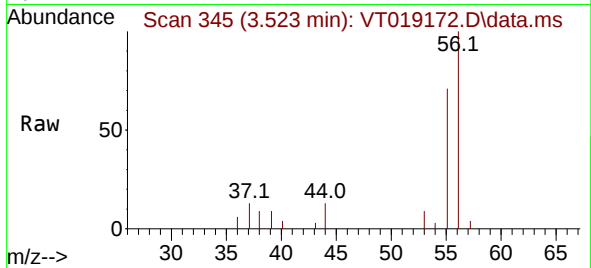




#13
Acrolein
Concen: 108.837 ug/l
RT: 3.523 min Scan# 34
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

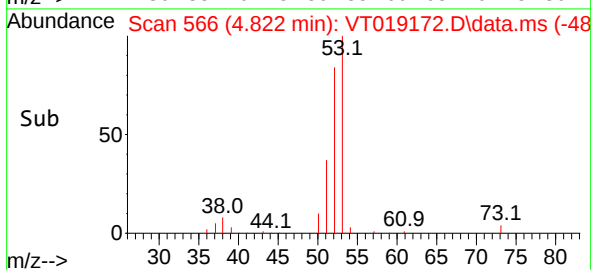
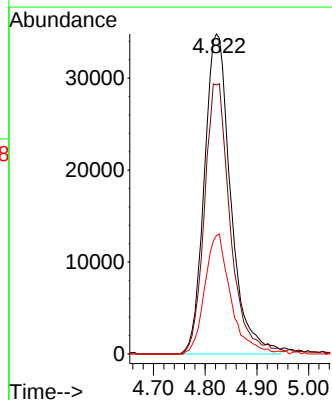
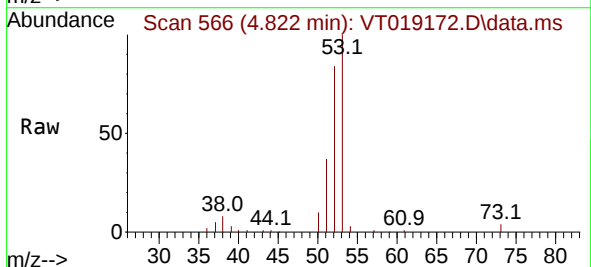
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

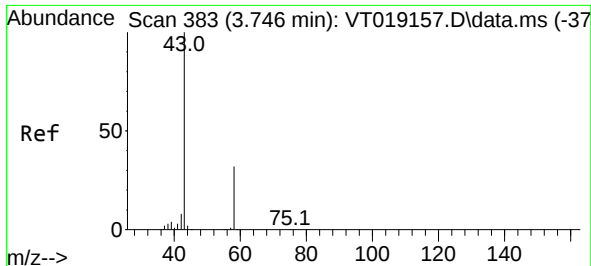
Tgt Ion: 56 Resp: 16063
Ion Ratio Lower Upper
56 100
55 70.5 56.8 85.2



#14
Acrylonitrile
Concen: 91.623 ug/l
RT: 4.822 min Scan# 566
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 53 Resp: 123583
Ion Ratio Lower Upper
53 100
52 81.1 41.3 123.7
51 36.3 17.2 51.5

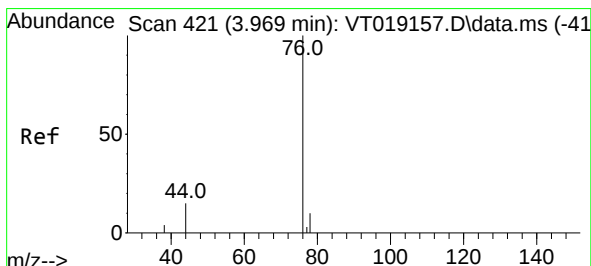
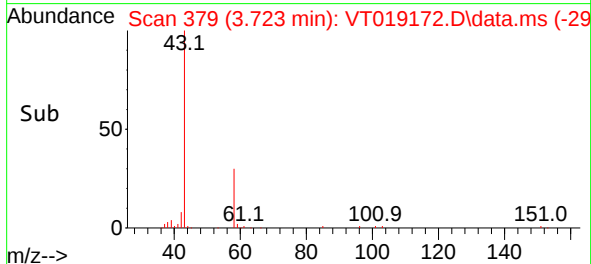
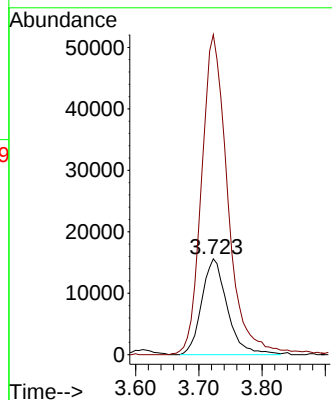
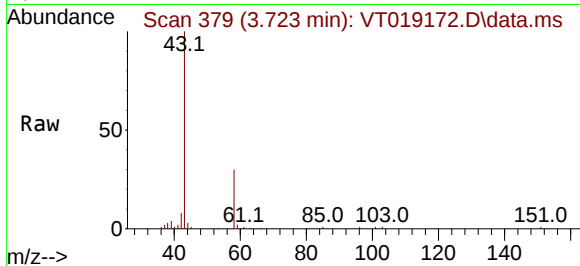




#15
Acetone
Concen: 91.075 ug/l
RT: 3.723 min Scan# 31
Delta R.T. -0.017 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

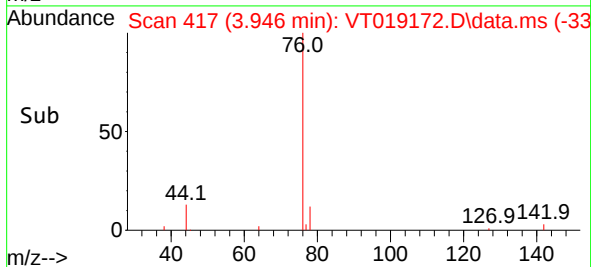
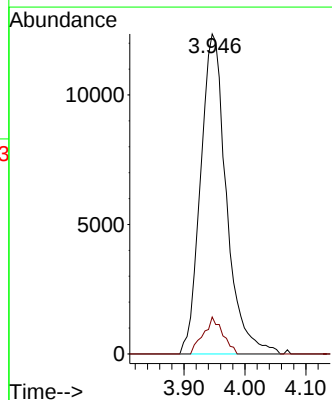
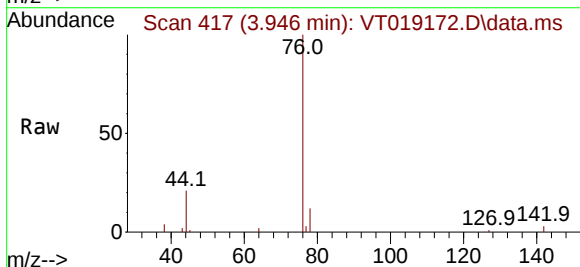
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

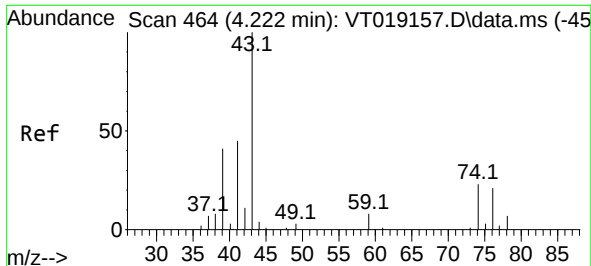
Tgt Ion: 58 Resp: 43767
Ion Ratio Lower Upper
58 100
43 330.1 266.9 400.3



#16
Carbon Disulfide
Concen: 17.618 ug/l
RT: 3.946 min Scan# 417
Delta R.T. -0.018 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 76 Resp: 36413
Ion Ratio Lower Upper
76 100
78 11.5 7.1 10.7#

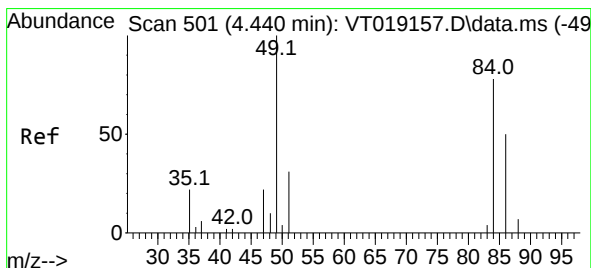
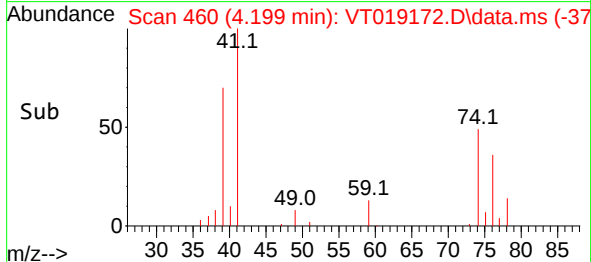
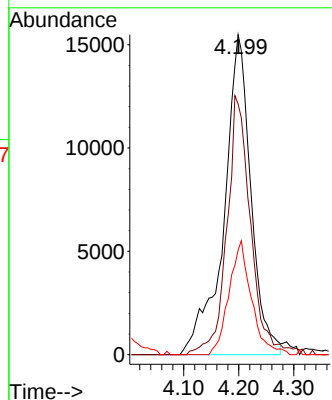
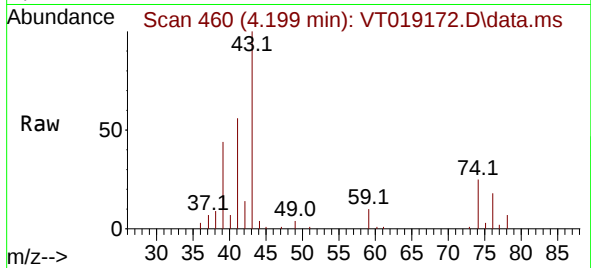




#17
 Allyl chloride
 Concen: 20.087 ug/l
 RT: 4.199 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VT019172.D
 Acq: 24 Oct 2025 9:46

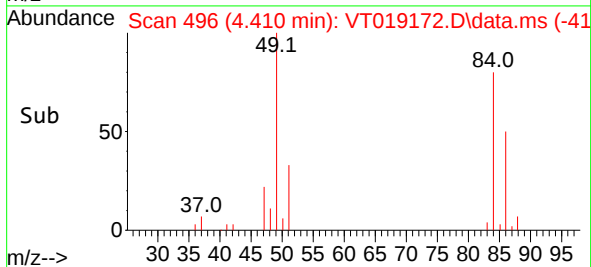
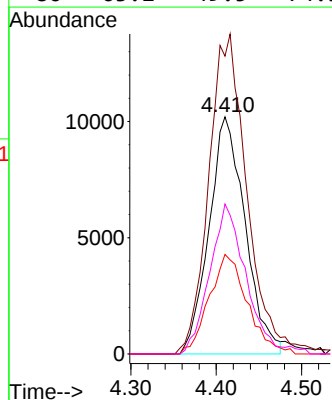
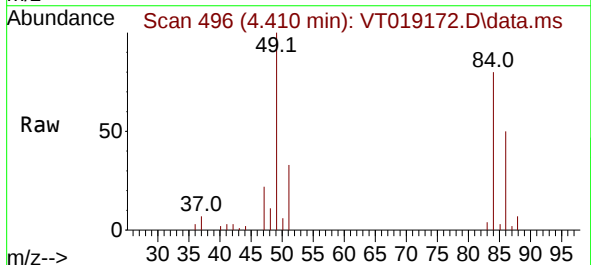
Instrument :
 MSVOA_T
 ClientSampleId :
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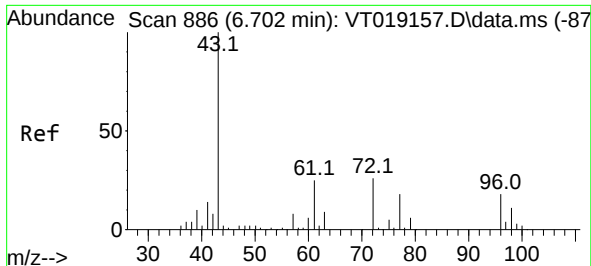
Tgt Ion: 41 Resp: 52841
 Ion Ratio Lower Upper
 41 100
 39 78.3 34.3 102.8
 76 32.6 16.7 50.0



#18
 Methylene Chloride
 Concen: 18.191 ug/l
 RT: 4.410 min Scan# 496
 Delta R.T. -0.018 min
 Lab File: VT019172.D
 Acq: 24 Oct 2025 9:46

Tgt Ion: 84 Resp: 30024
 Ion Ratio Lower Upper
 84 100
 49 123.2 107.9 161.9
 51 41.9 33.4 50.2
 86 63.2 49.5 74.3

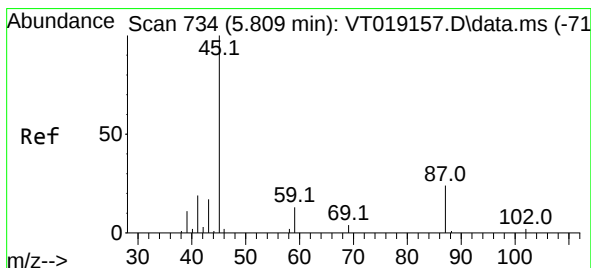
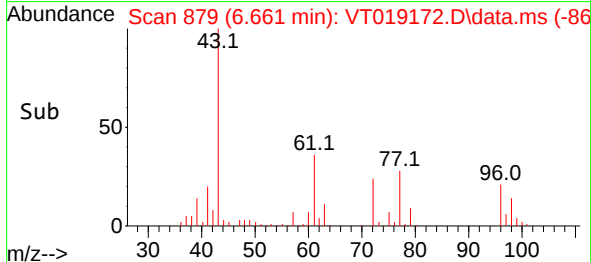
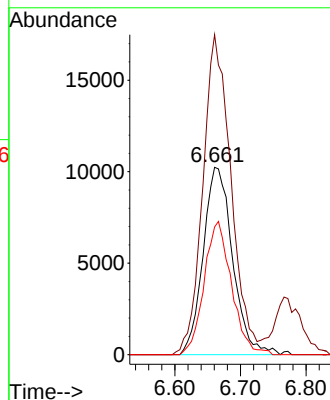
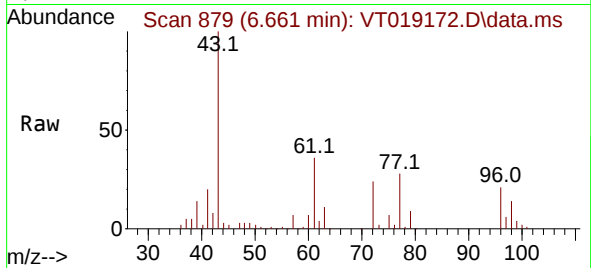




#19
trans-1,2-Dichloroethene
Concen: 18.748 ug/l
RT: 6.661 min Scan# 81
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

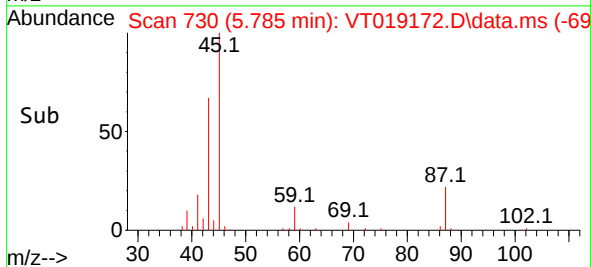
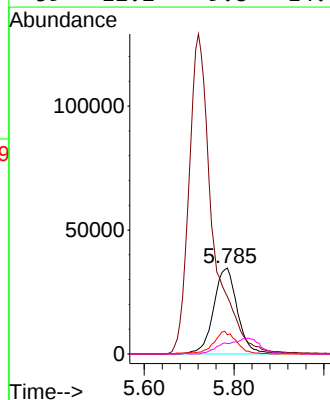
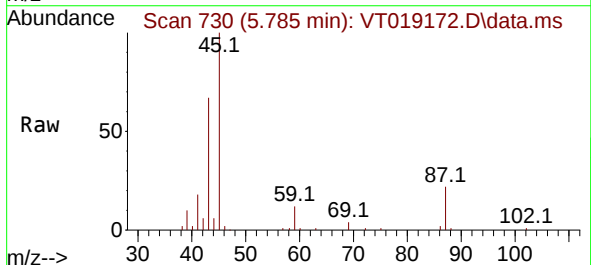
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

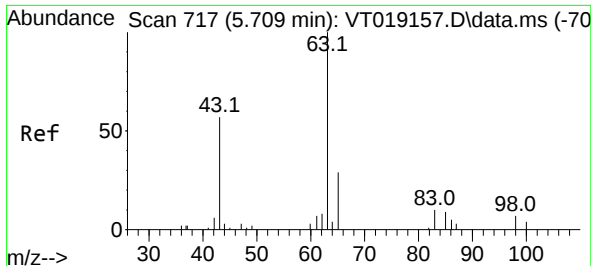
Tgt Ion: 96 Resp: 31920
Ion Ratio Lower Upper
96 100
61 168.1 122.3 183.5
98 68.1 50.2 75.2



#20
Diisopropyl ether
Concen: 19.026 ug/l
RT: 5.785 min Scan# 730
Delta R.T. -0.018 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 45 Resp: 127403
Ion Ratio Lower Upper
45 100
43 63.9 89.1 133.7#
87 22.3 21.3 31.9
59 12.2 9.8 14.8

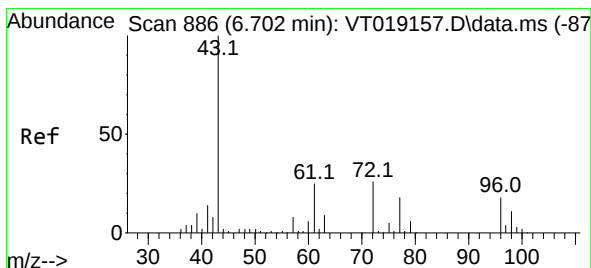
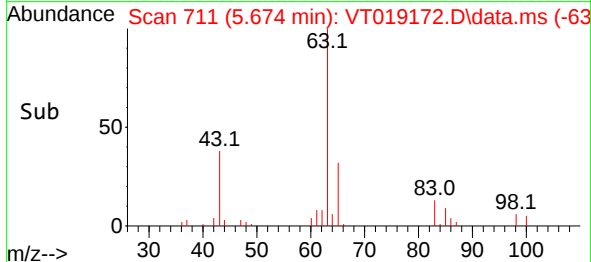
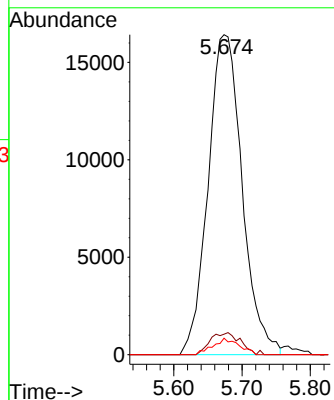
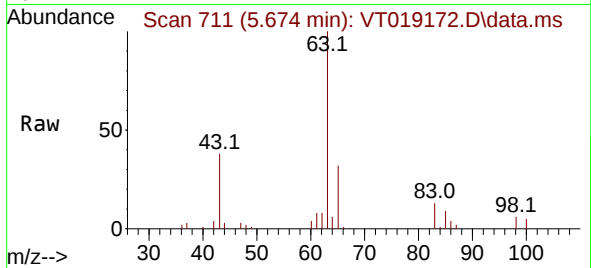




#21
1,1-Dichloroethane
Concen: 18.219 ug/l
RT: 5.674 min Scan# 717
Delta R.T. -0.035 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

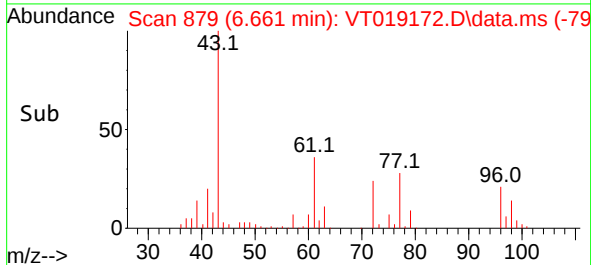
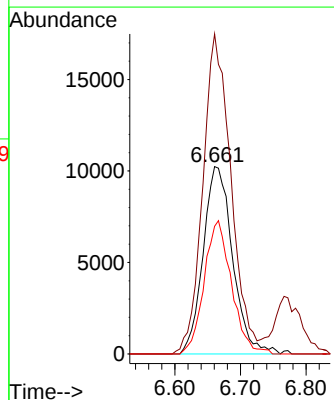
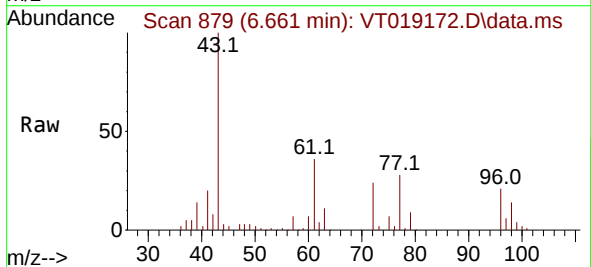
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

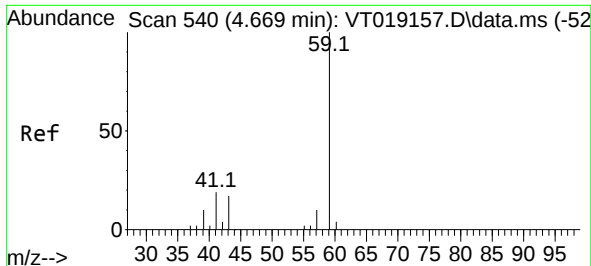
Tgt Ion: 63 Resp: 57006
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.5
100 5.1 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 18.748 ug/l
RT: 6.661 min Scan# 879
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 96 Resp: 31920
Ion Ratio Lower Upper
96 100
61 162.4 120.0 180.0
98 66.2 52.8 79.2

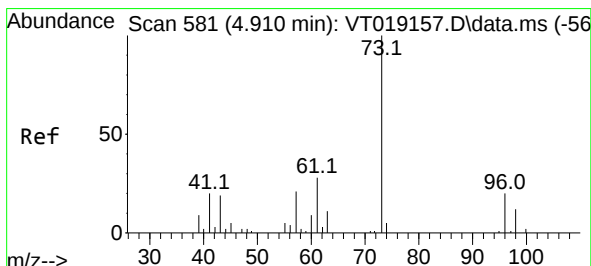
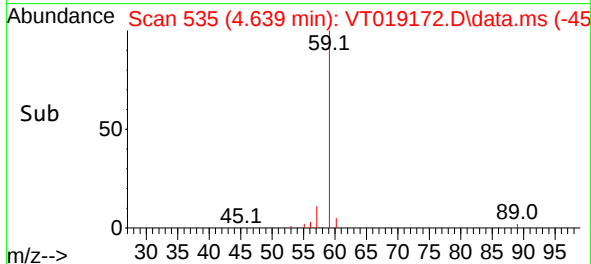
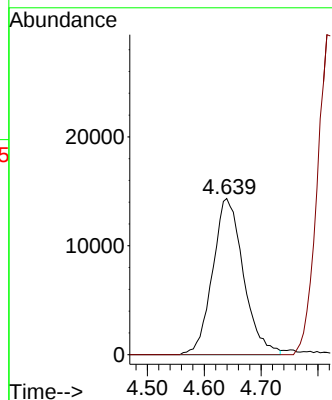
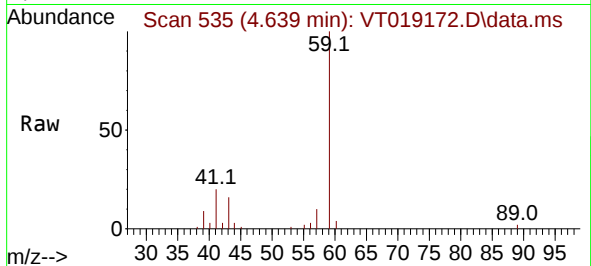




#23
tert-Butyl Alcohol
Concen: 91.242 ug/l
RT: 4.639 min Scan# 51
Delta R.T. -0.036 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

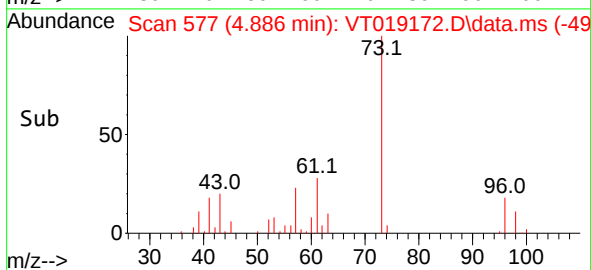
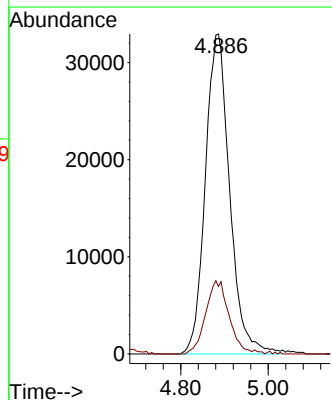
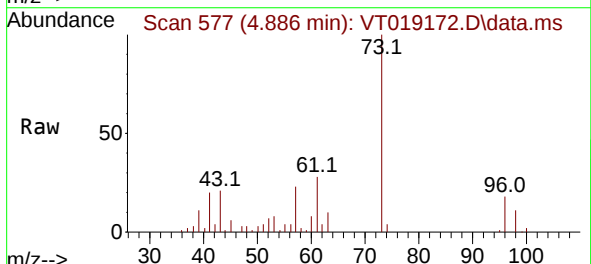
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

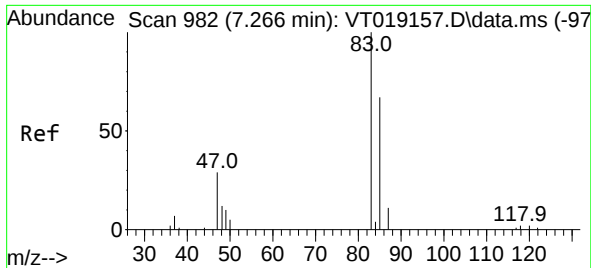
Tgt Ion: 59 Resp: 53918
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 19.128 ug/l
RT: 4.886 min Scan# 577
Delta R.T. -0.035 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 73 Resp: 127191
Ion Ratio Lower Upper
73 100
43 12.7 16.9 25.3#

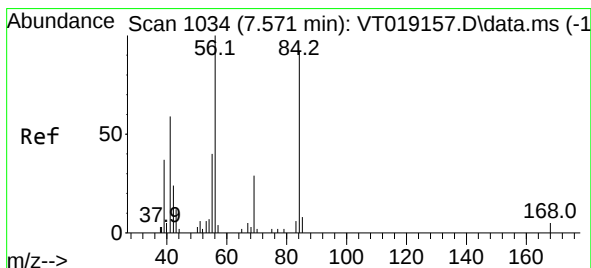
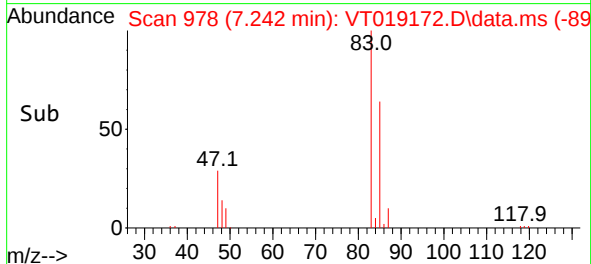
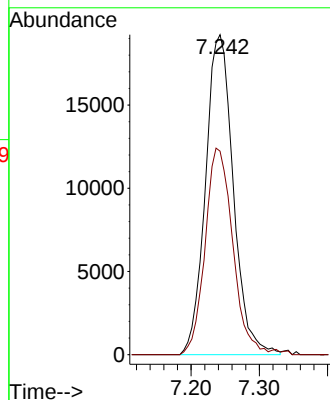
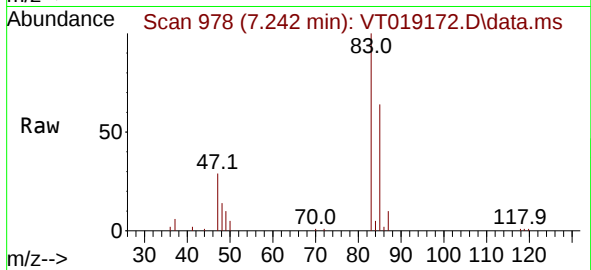




#25
Chloroform
Concen: 19.056 ug/l
RT: 7.242 min Scan# 91
Delta R.T. -0.024 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

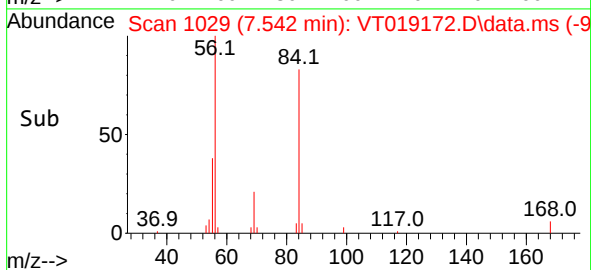
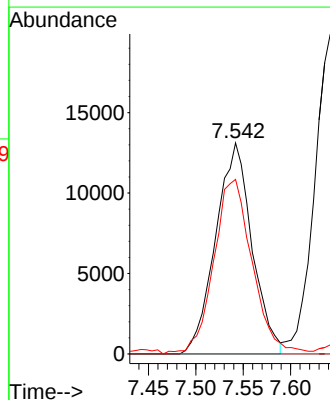
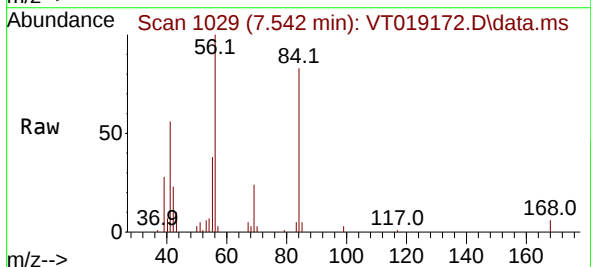
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

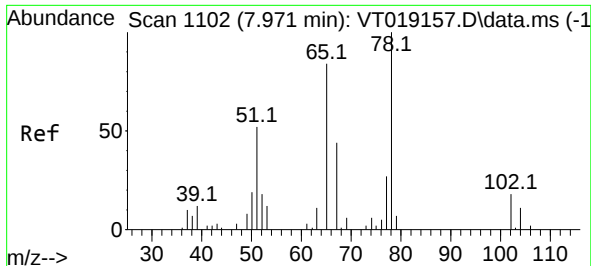
Tgt Ion: 83 Resp: 54542
Ion Ratio Lower Upper
83 100
85 63.6 48.0 72.0



#26
Cyclohexane
Concen: 19.018 ug/l
RT: 7.542 min Scan# 1029
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 56 Resp: 34920
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.1 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.289 ug/l

RT: 7.947 min Scan# 1102

Delta R.T. -0.024 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

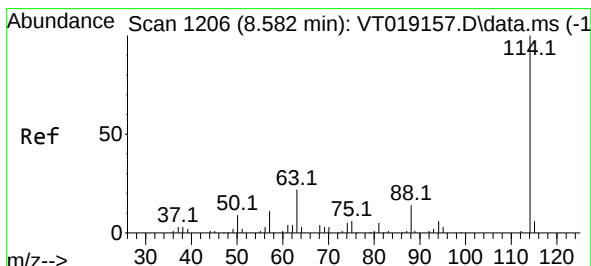
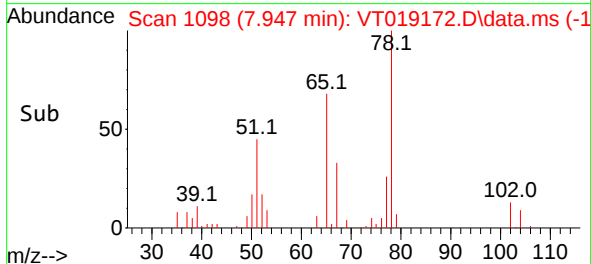
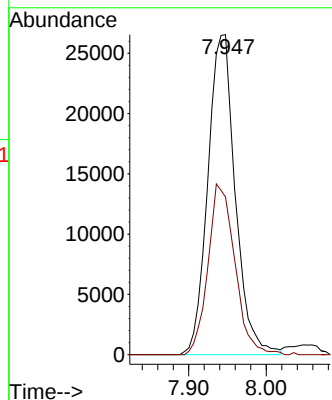
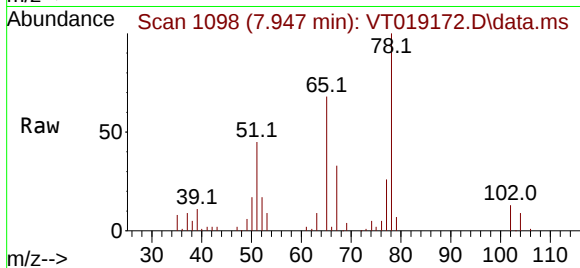
VSTDCCC020

Tgt Ion: 65 Resp: 65393

Ion Ratio Lower Upper

65 100

67 52.0 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.553 min Scan# 1201

Delta R.T. -0.023 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

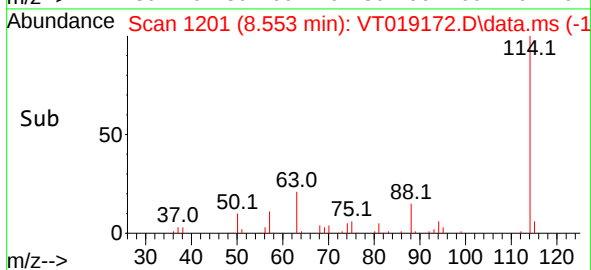
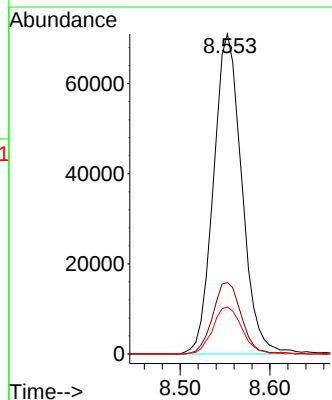
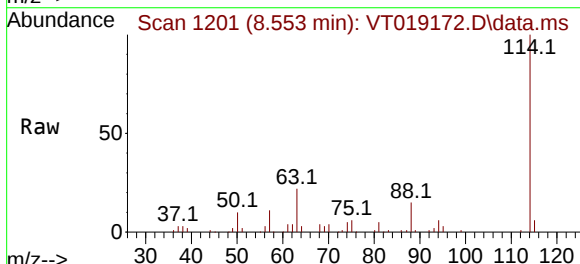
Tgt Ion: 114 Resp: 154744

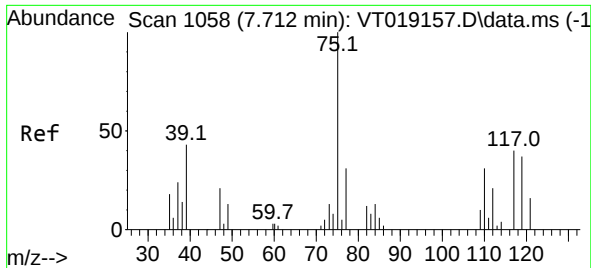
Ion Ratio Lower Upper

114 100

63 22.7 17.4 26.0

88 15.1 13.0 19.6





#29

1,1-Dichloropropene

Concen: 18.436 ug/l

RT: 7.683 min Scan# 1

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

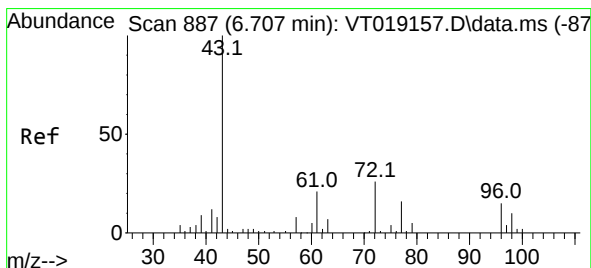
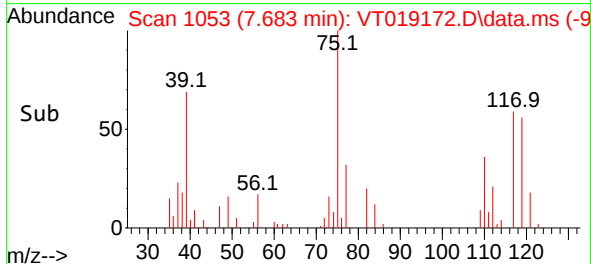
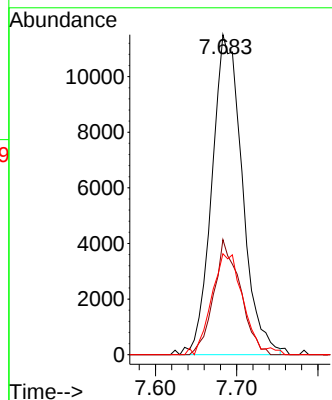
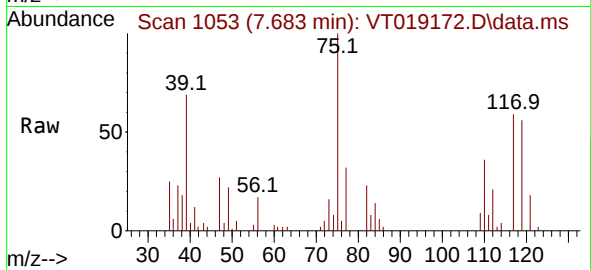
Tgt Ion: 75 Resp: 29853

Ion Ratio Lower Upper

75 100

110 31.5 0.0 70.8

77 31.7 0.0 61.6



#30

2-Butanone

Concen: 90.349 ug/l

RT: 6.672 min Scan# 881

Delta R.T. -0.030 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

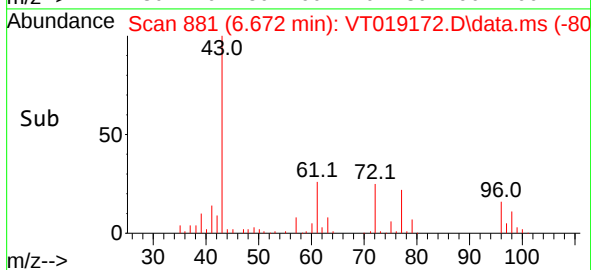
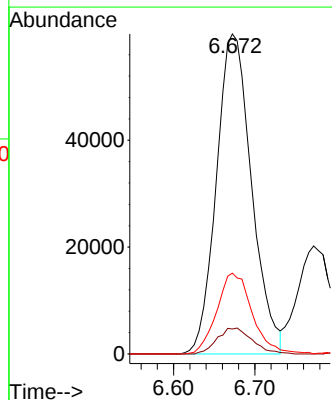
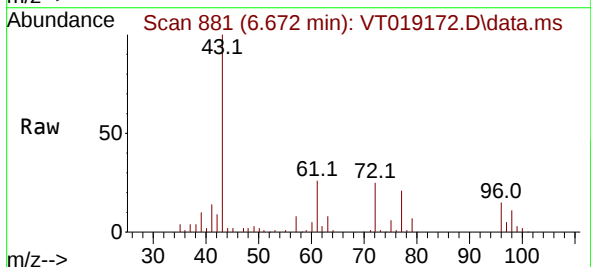
Tgt Ion: 43 Resp: 180324

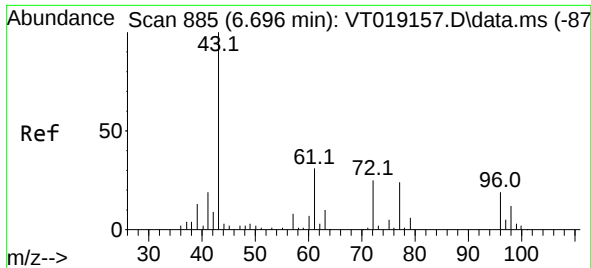
Ion Ratio Lower Upper

43 100

57 8.1 5.9 8.9

72 25.3 20.2 30.2

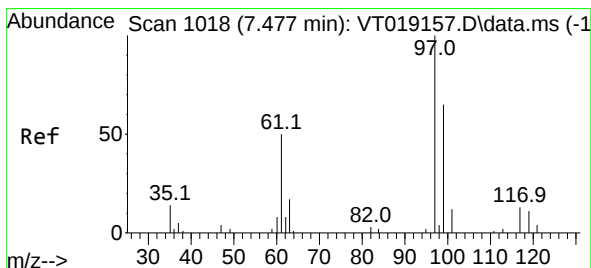
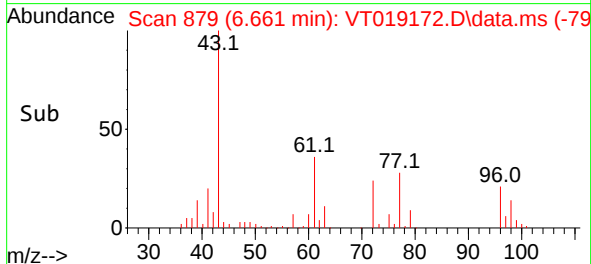
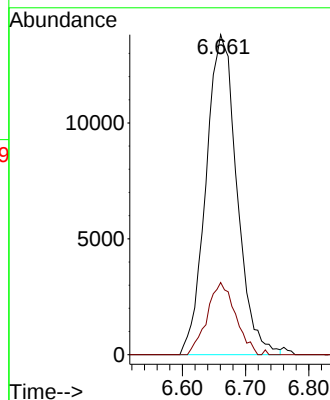
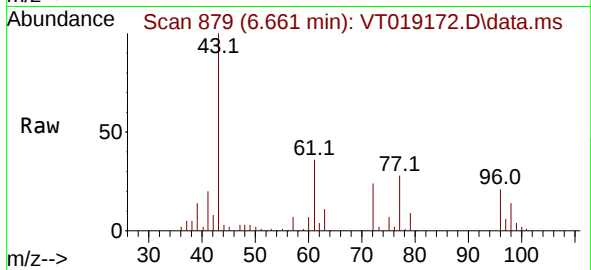




#31
2,2-Dichloropropane
Concen: 19.793 ug/l
RT: 6.661 min Scan# 81
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

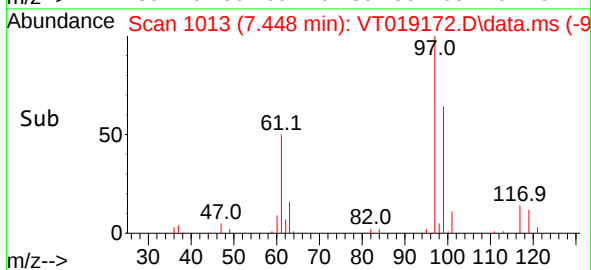
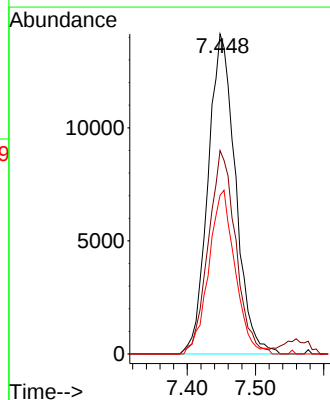
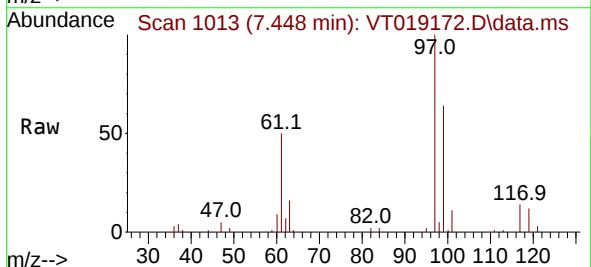
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

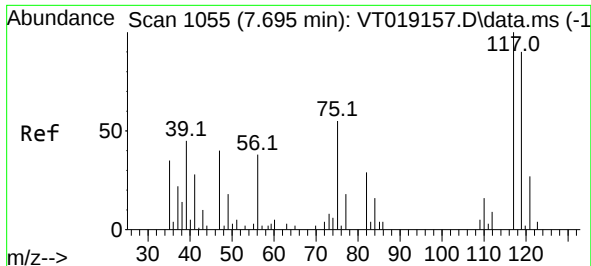
Tgt Ion: 77 Resp: 46925
Ion Ratio Lower Upper
77 100
97 20.6 14.5 21.7



#32
1,1,1-Trichloroethane
Concen: 19.392 ug/l
RT: 7.448 min Scan# 1013
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 97 Resp: 39561
Ion Ratio Lower Upper
97 100
99 63.3 30.0 45.0#
61 48.8 36.1 54.1

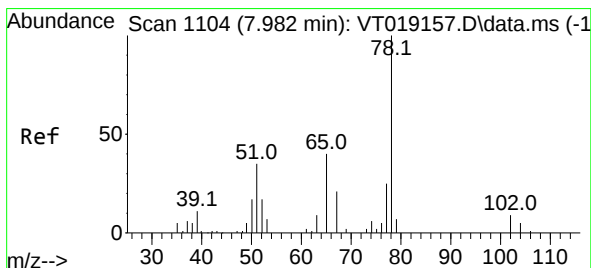
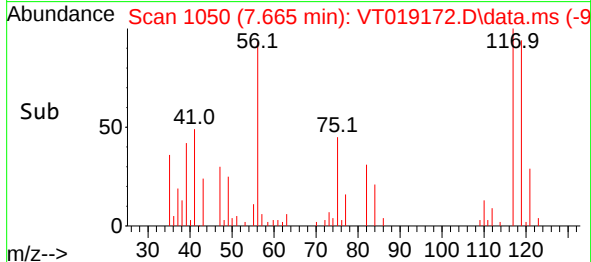
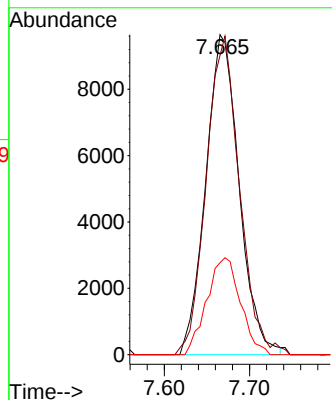
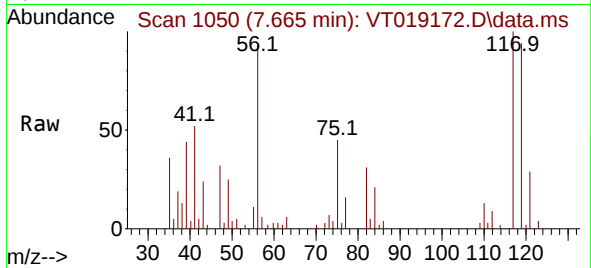




#33
Carbon Tetrachloride
Concen: 20.081 ug/l
RT: 7.665 min Scan# 1099
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

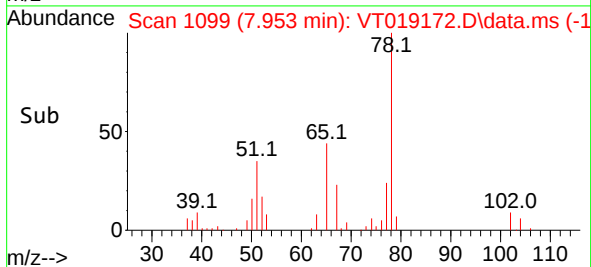
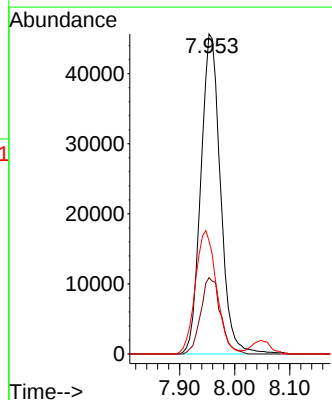
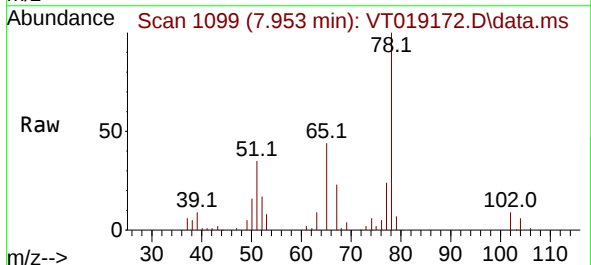
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

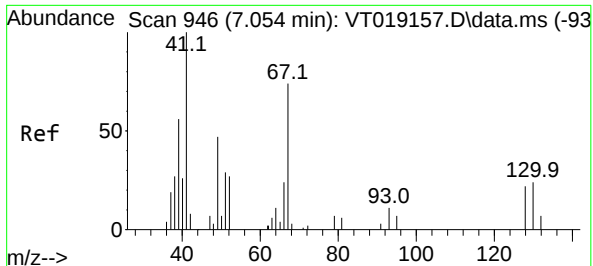
Tgt Ion:117 Resp: 26248
Ion Ratio Lower Upper
117 100
119 91.4 76.5 114.7
121 28.7 0.5 0.7#



#34
Benzene
Concen: 18.834 ug/l
RT: 7.953 min Scan# 1099
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 78 Resp: 112988
Ion Ratio Lower Upper
78 100
77 23.8 17.6 26.4
51 34.7 13.8 20.6#





#35

Methacrylonitrile

Concen: 17.870 ug/l

RT: 7.025 min Scan# 941

Delta R.T. -0.023 min

Lab File: VT019172.D

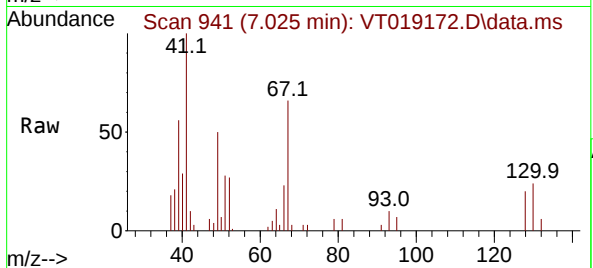
Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

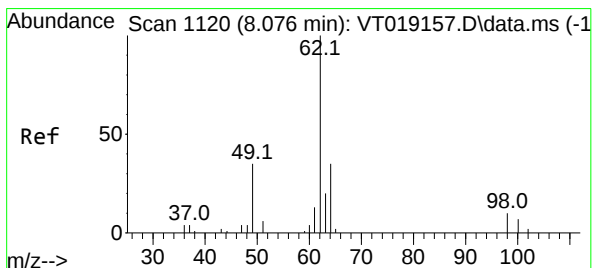
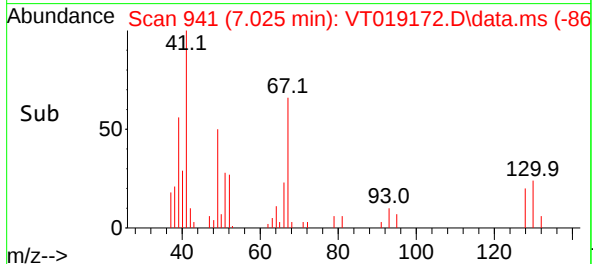
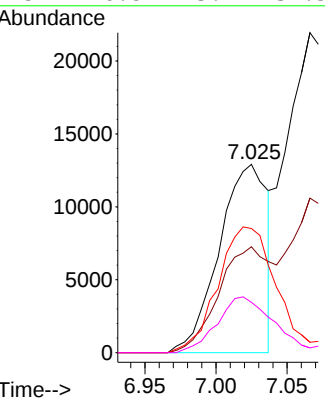
ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 30358

Ion	Ratio	Lower	Upper
41	100		
39	56.2	26.2	78.5
67	65.9	31.4	94.3
52	26.8	13.2	39.5



#36

1,2-Dichloroethane

Concen: 19.336 ug/l

RT: 8.053 min Scan# 1116

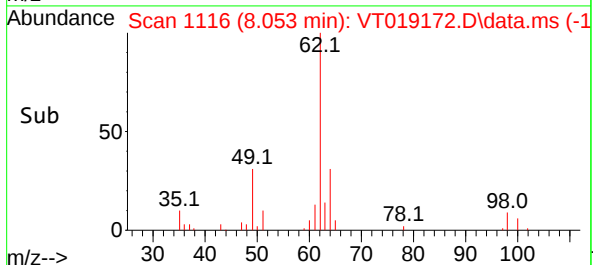
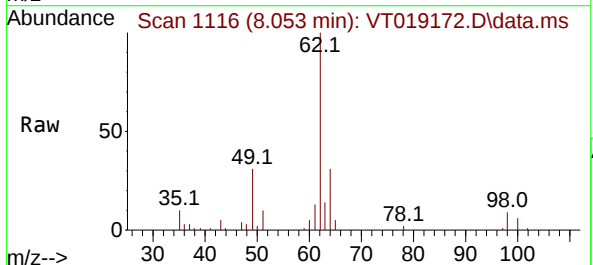
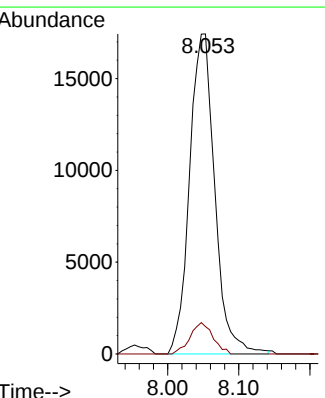
Delta R.T. -0.018 min

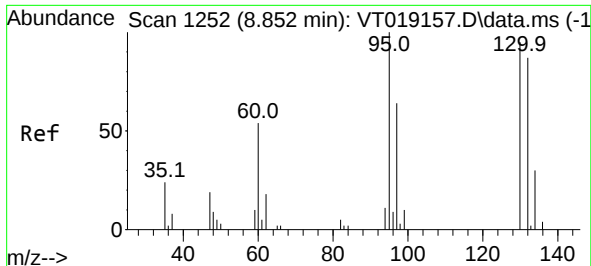
Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Tgt Ion: 62 Resp: 43003

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.7	10.1





#37

Trichloroethene

Concen: 18.746 ug/l

RT: 8.823 min Scan# 1247

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

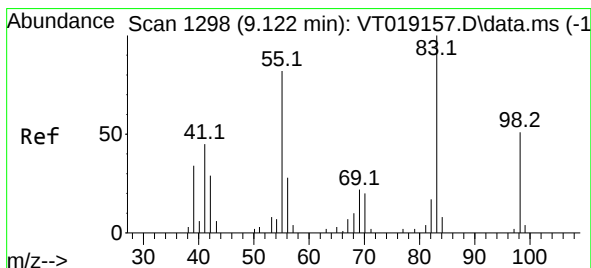
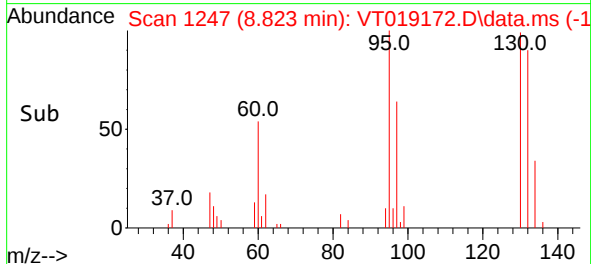
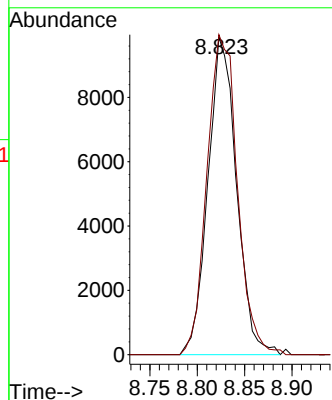
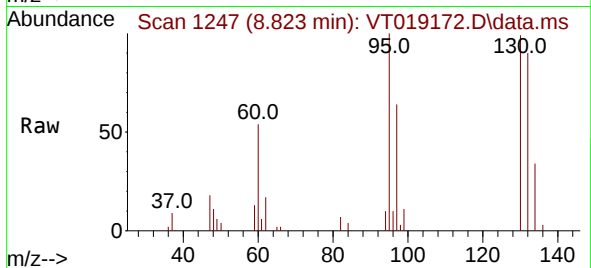
VSTDCCC020

Tgt Ion:130 Resp: 20688

Ion Ratio Lower Upper

130 100

95 100.8 79.4 119.2



#38

Methylcyclohexane

Concen: 19.509 ug/l

RT: 9.093 min Scan# 1293

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

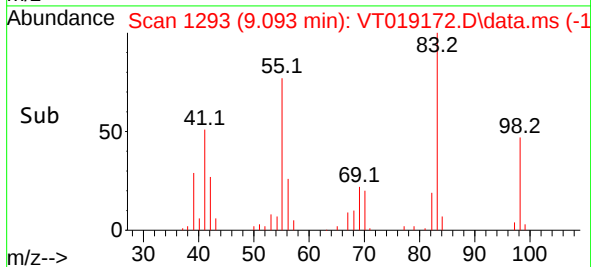
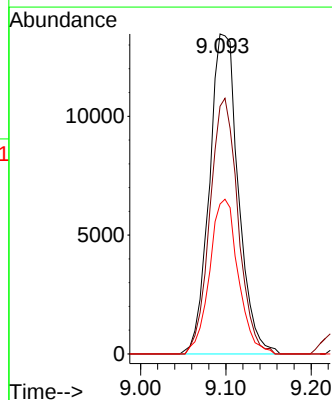
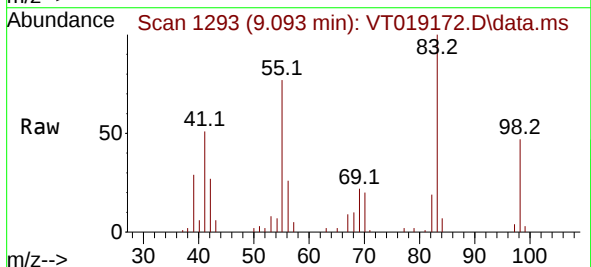
Tgt Ion: 83 Resp: 31812

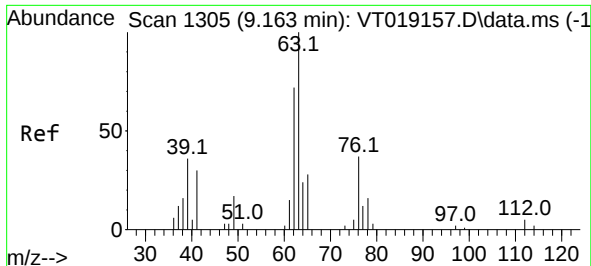
Ion Ratio Lower Upper

83 100

55 77.3 40.3 120.8

98 47.6 24.3 72.9





#39

1,2-Dichloropropane

Concen: 18.740 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

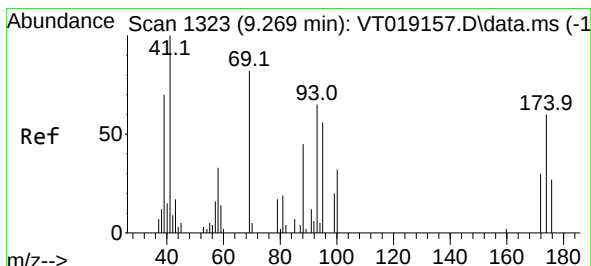
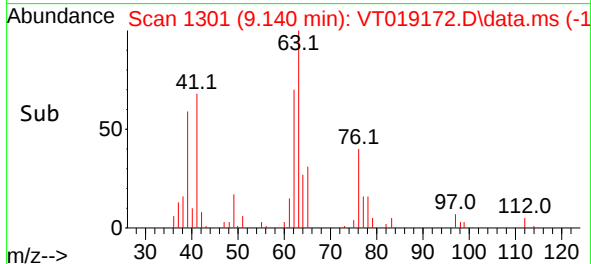
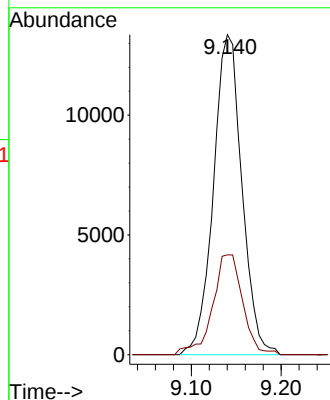
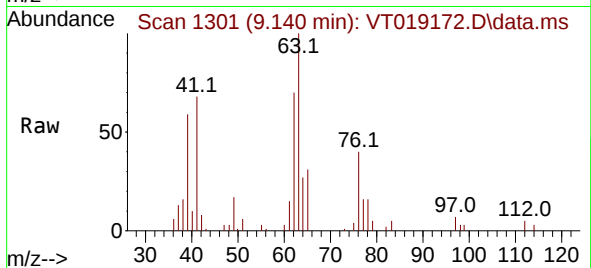
VSTDCCC020

Tgt Ion: 63 Resp: 29444

Ion Ratio Lower Upper

63 100

65 31.2 19.8 29.6#



#40

Dibromomethane

Concen: 18.962 ug/l

RT: 9.240 min Scan# 1318

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

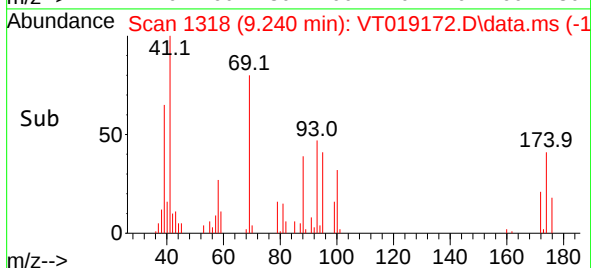
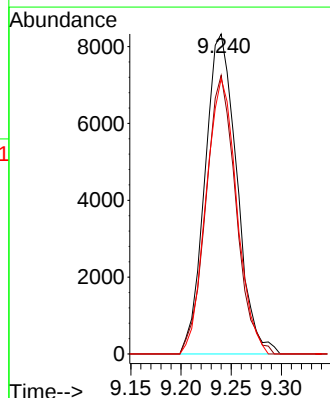
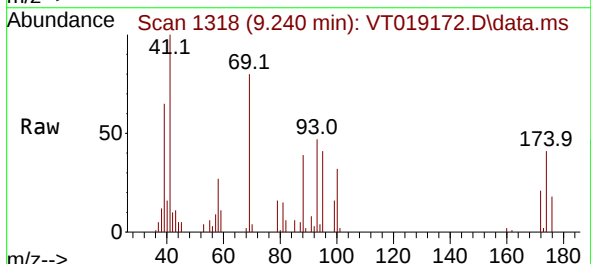
Tgt Ion: 93 Resp: 18370

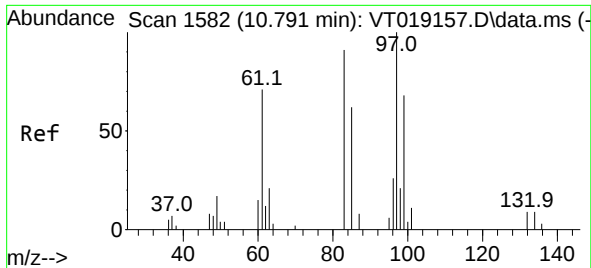
Ion Ratio Lower Upper

93 100

95 82.1 0.0 166.2

174 83.2 0.0 26.4#

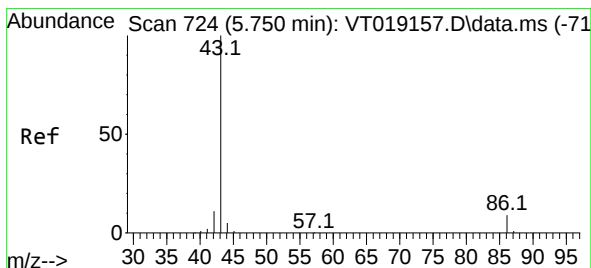
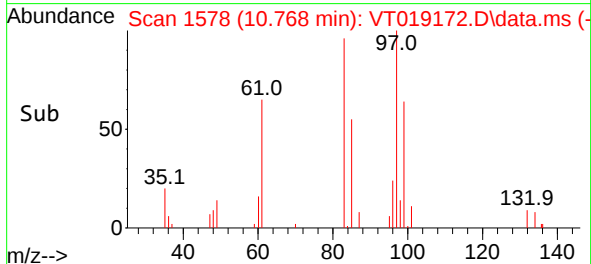
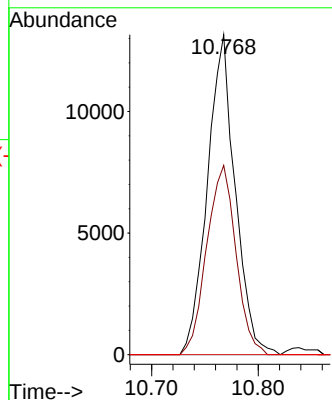
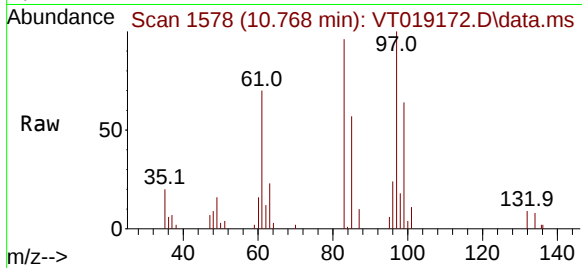




#41
Bromodichloromethane
Concen: 19.163 ug/l
RT: 10.768 min Scan# 11
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

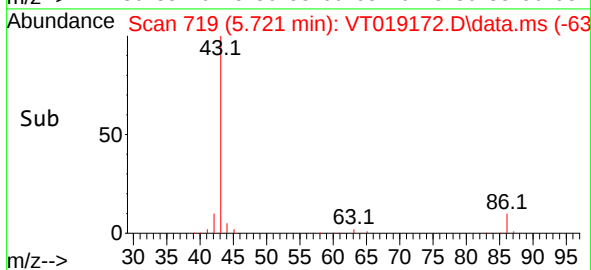
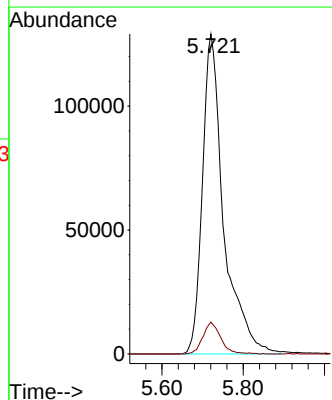
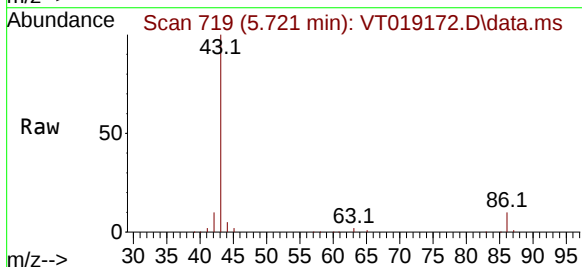
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

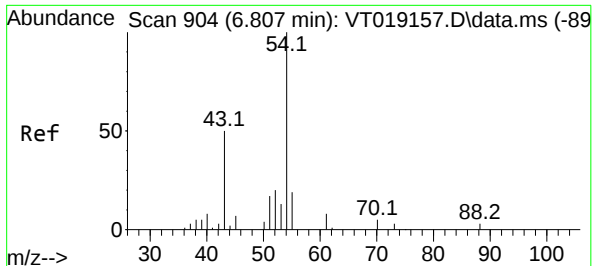
Tgt Ion: 83 Resp: 23846
Ion Ratio Lower Upper
83 100
85 59.1 47.2 70.8
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 95.643 ug/l
RT: 5.721 min Scan# 719
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 43 Resp: 468346
Ion Ratio Lower Upper
43 100
86 8.3 6.9 10.3





#43

Ethyl Acetate

Concen: 17.751 ug/l

RT: 6.772 min Scan# 89

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

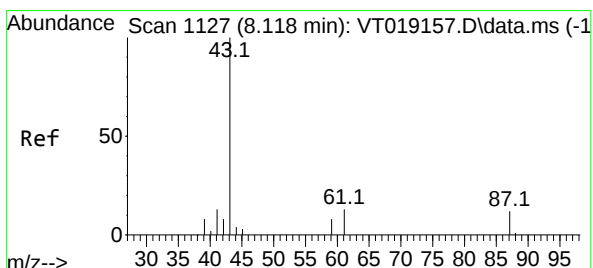
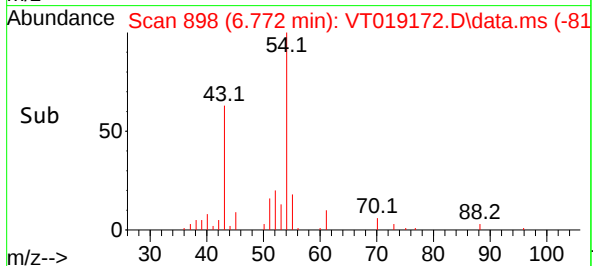
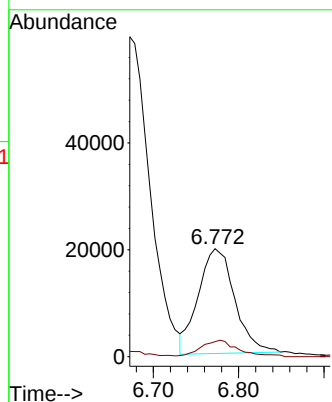
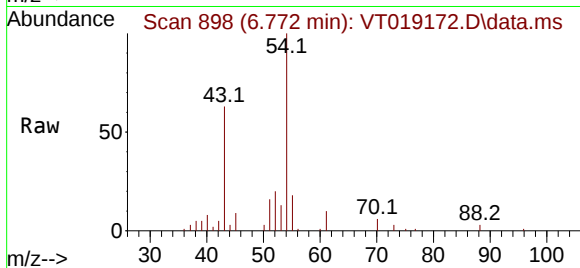
VSTDCCC020

Tgt Ion: 43 Resp: 58239

Ion Ratio Lower Upper

43 100

45 15.9 10.6 16.0



#44

Isopropyl Acetate

Concen: 18.821 ug/l

RT: 8.094 min Scan# 1123

Delta R.T. -0.029 min

Lab File: VT019172.D

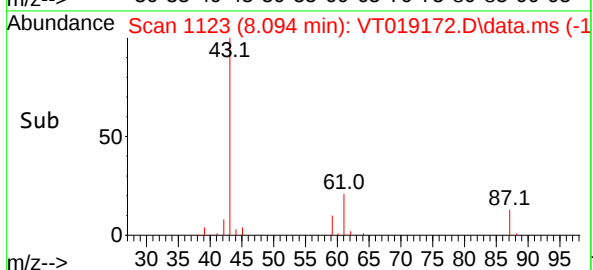
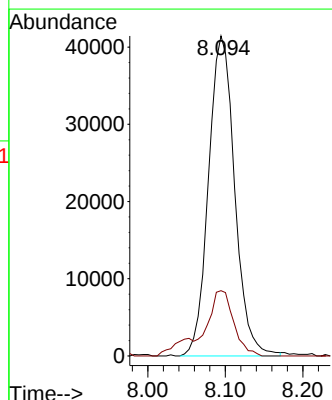
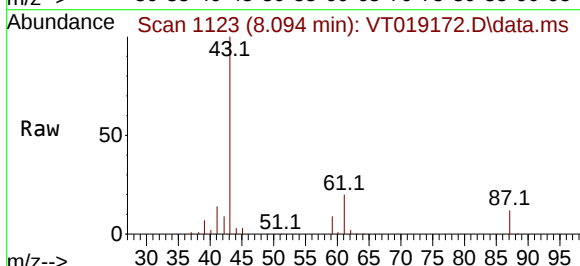
Acq: 24 Oct 2025 9:46

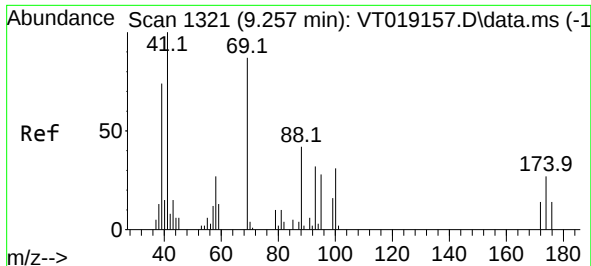
Tgt Ion: 43 Resp: 97187

Ion Ratio Lower Upper

43 100

61 19.8 14.7 22.1

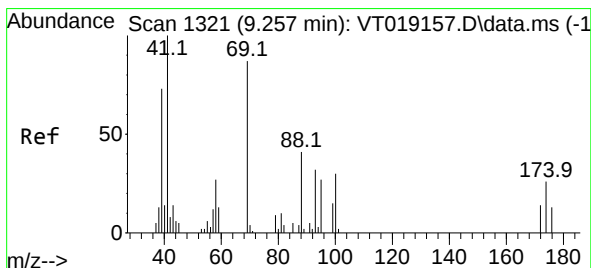
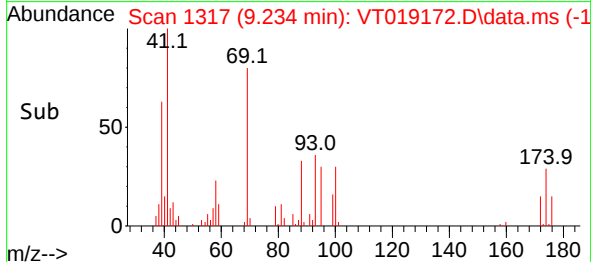
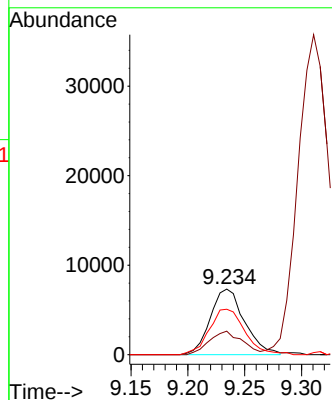
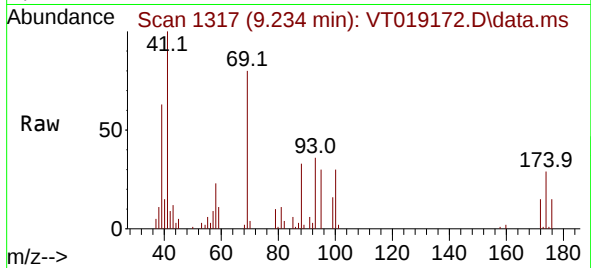




#45
1,4-Dioxane
Concen: 341.768 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.035 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

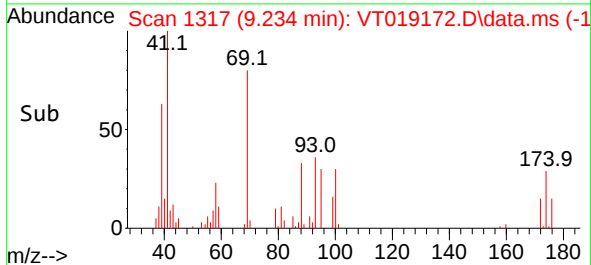
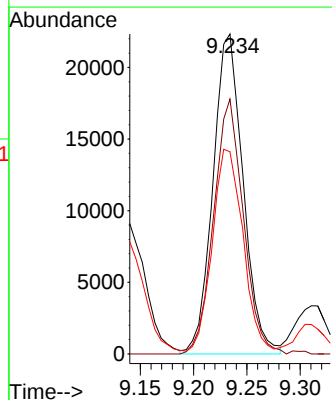
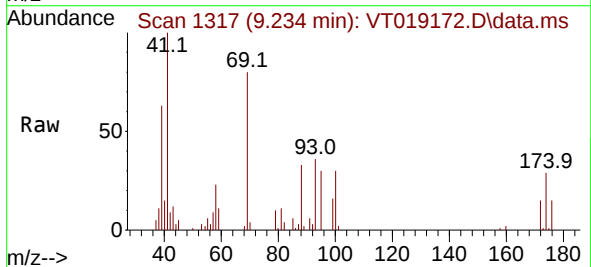
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

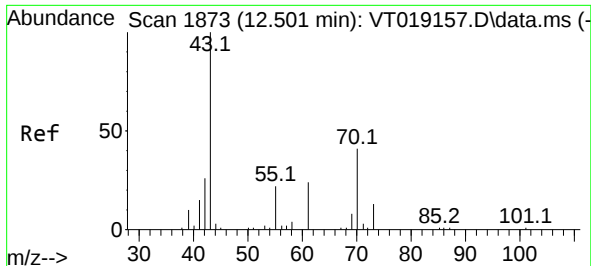
Tgt Ion: 88 Resp: 15310
Ion Ratio Lower Upper
88 100
43 34.6 30.2 45.2
58 72.1 33.3 49.9#



#46
Methyl methacrylate
Concen: 19.030 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 41 Resp: 43937
Ion Ratio Lower Upper
41 100
69 80.5 35.8 107.3
39 62.7 24.4 73.4





#47

n-amyl acetate

Concen: 19.227 ug/l

RT: 12.477 min Scan# 1869

Delta R.T. -0.024 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

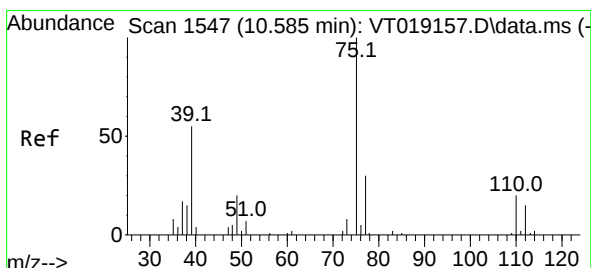
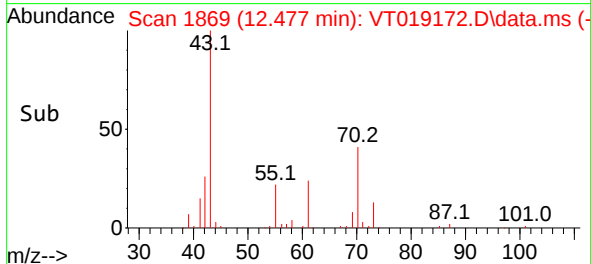
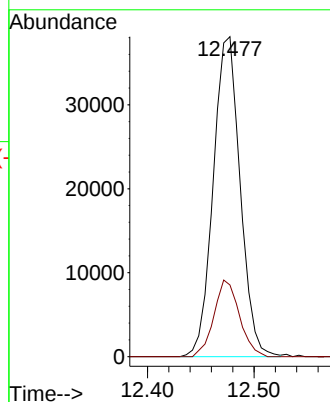
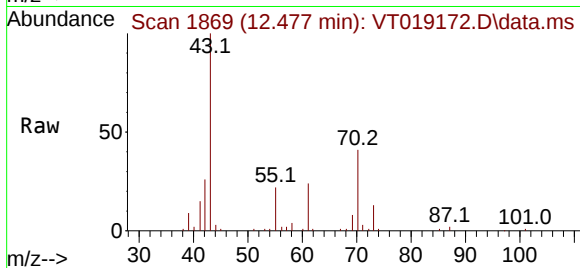
VSTDCCC020

Tgt Ion: 43 Resp: 66810

Ion Ratio Lower Upper

43 100

55 22.7 18.4 27.6



#48

t-1,3-Dichloropropene

Concen: 19.841 ug/l

RT: 10.562 min Scan# 1543

Delta R.T. -0.023 min

Lab File: VT019172.D

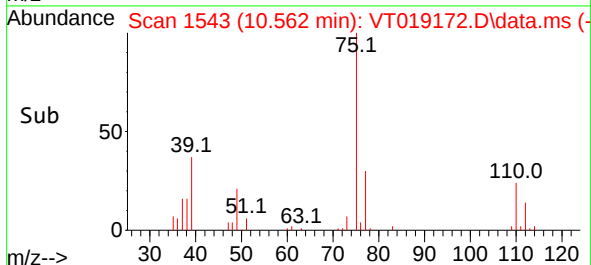
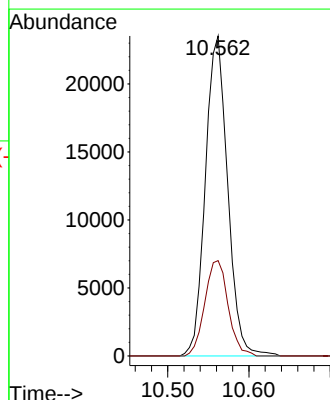
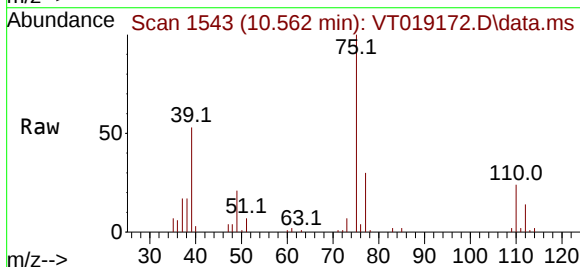
Acq: 24 Oct 2025 9:46

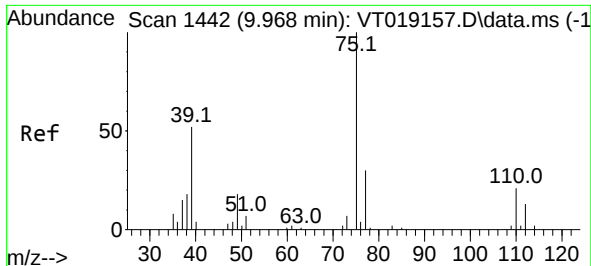
Tgt Ion: 75 Resp: 44799

Ion Ratio Lower Upper

75 100

77 29.8 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 19.527 ug/l

RT: 9.945 min Scan# 1442

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

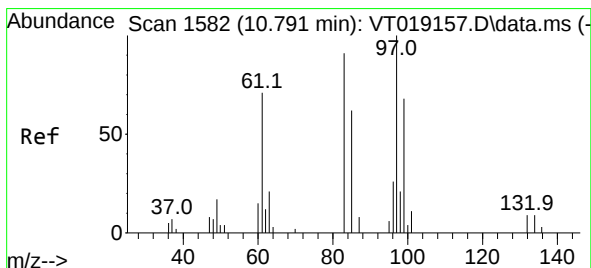
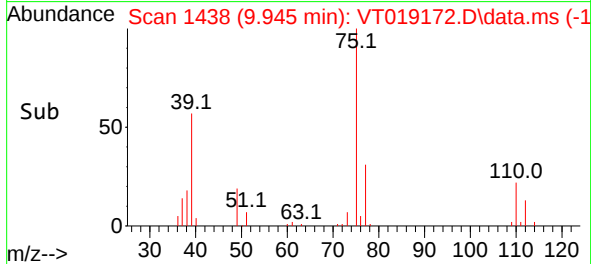
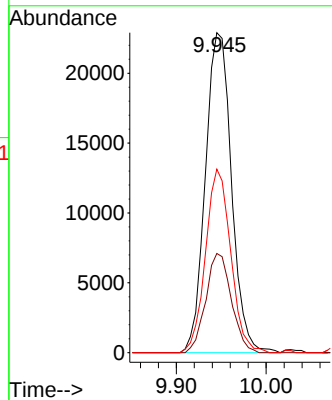
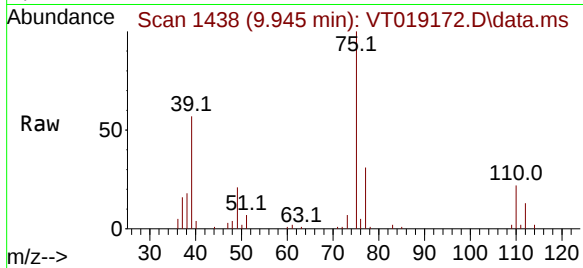
Tgt Ion: 75 Resp: 46315

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 57.4 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 19.069 ug/l

RT: 10.768 min Scan# 1578

Delta R.T. -0.023 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Tgt Ion: 97 Resp: 27171

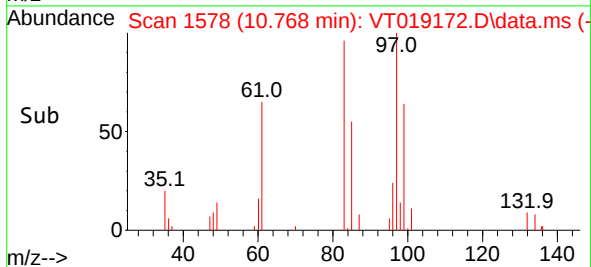
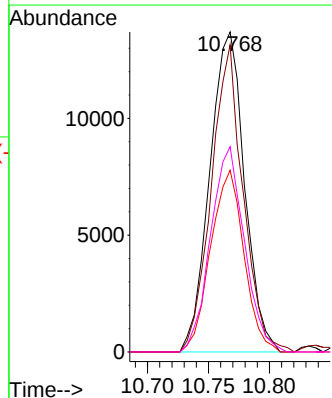
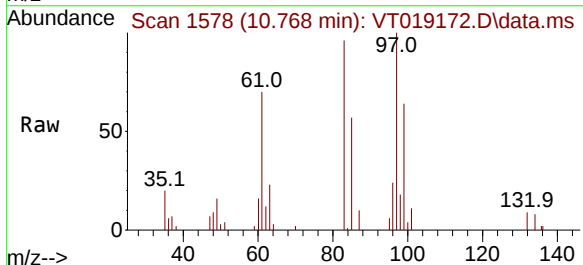
Ion Ratio Lower Upper

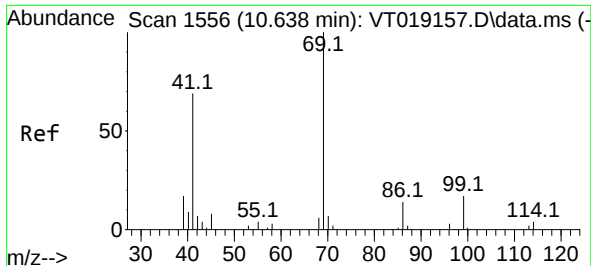
97 100

83 96.0 58.3 87.5#

85 56.8 36.5 54.7#

99 64.1 41.4 62.0#

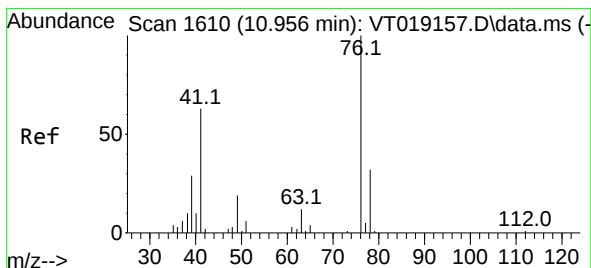
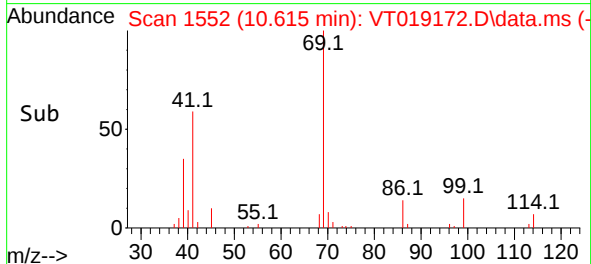
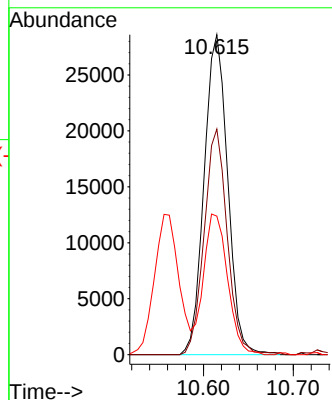
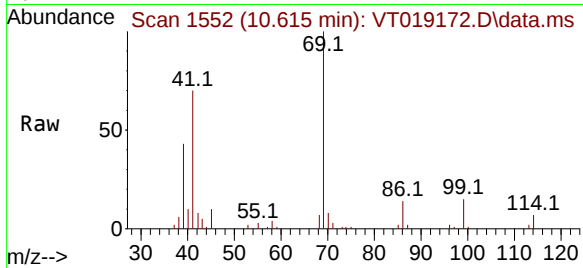




#51
Ethyl methacrylate
Concen: 19.530 ug/l
RT: 10.615 min Scan# 1552
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

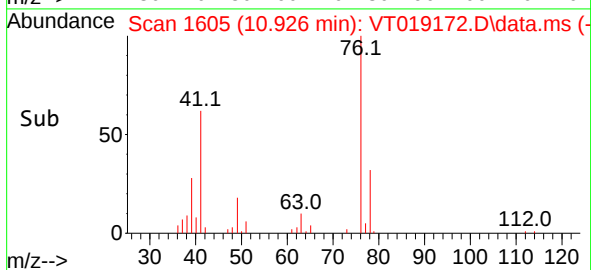
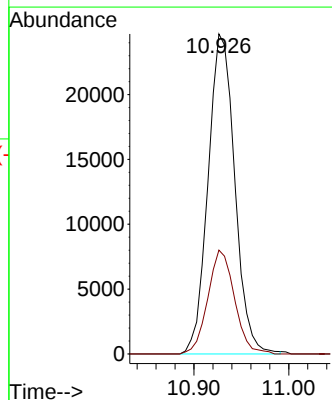
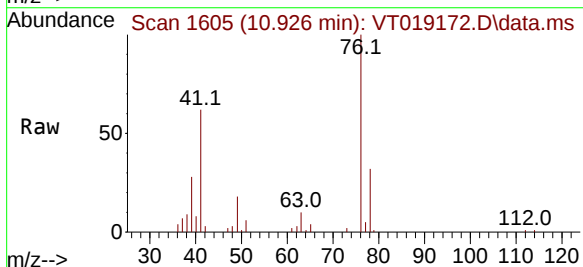
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

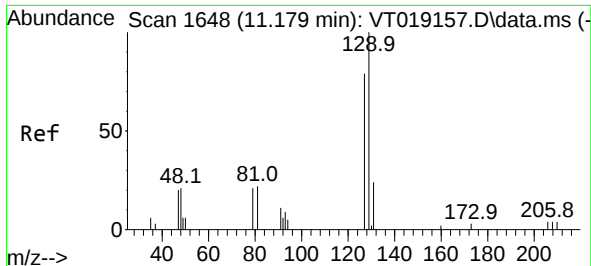
Tgt Ion: 69 Resp: 52150
Ion Ratio Lower Upper
69 100
41 70.5 35.0 105.1
39 42.7 19.5 58.5



#52
1,3-Dichloropropane
Concen: 18.970 ug/l
RT: 10.926 min Scan# 1605
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 76 Resp: 48278
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.6

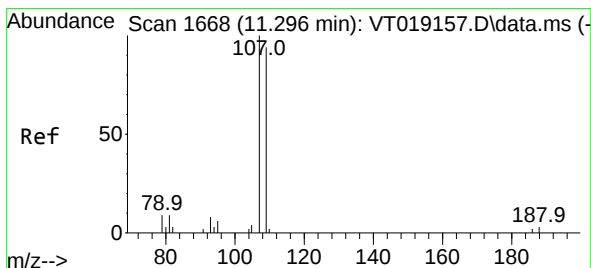
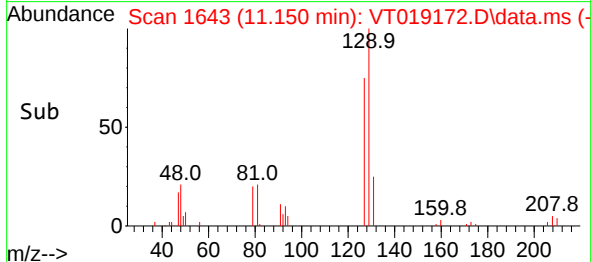
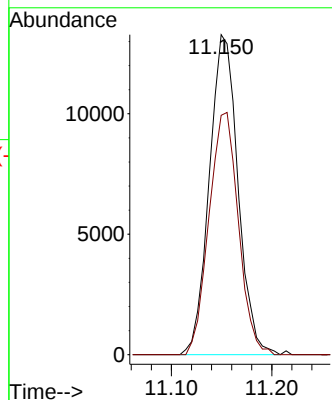
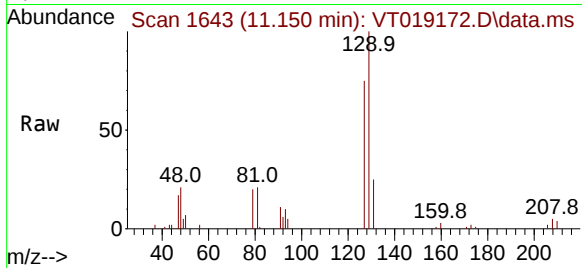




#53
Dibromochloromethane
Concen: 19.863 ug/l
RT: 11.150 min Scan# 1643
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

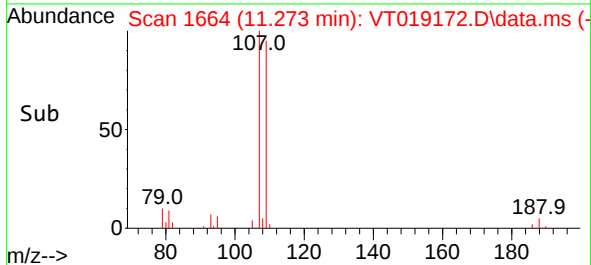
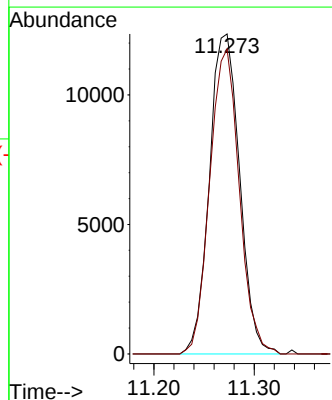
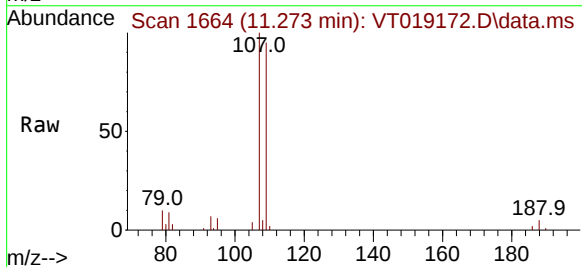
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

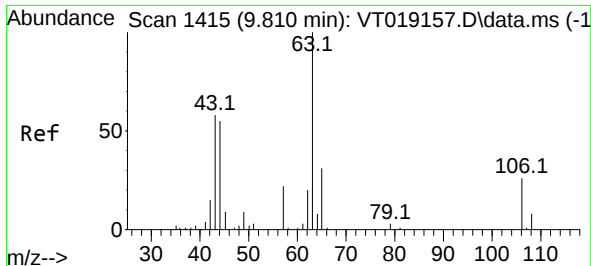
Tgt Ion:129 Resp: 26401
Ion Ratio Lower Upper
129 100
127 77.5 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 19.497 ug/l
RT: 11.273 min Scan# 1664
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion:107 Resp: 25839
Ion Ratio Lower Upper
107 100
109 93.0 74.0 111.0

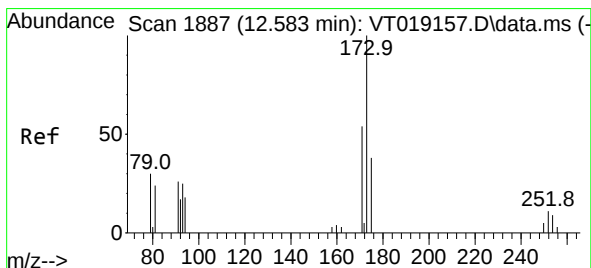
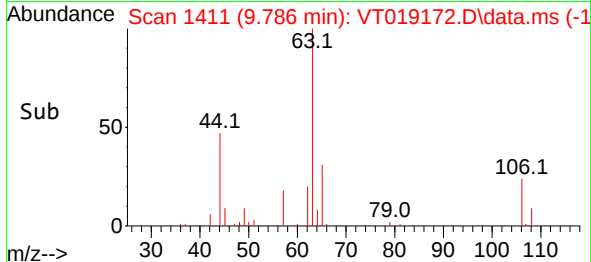
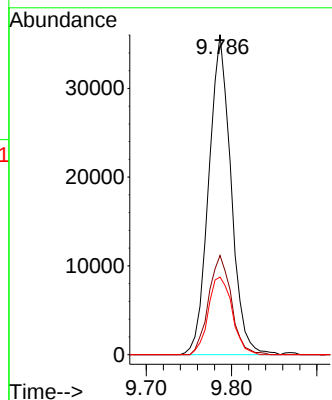
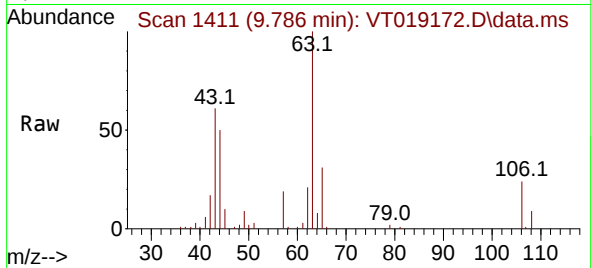




#55
2-Chloroethyl vinyl ether
Concen: 83.758 ug/l
RT: 9.786 min Scan# 1415
Delta R.T. -0.024 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

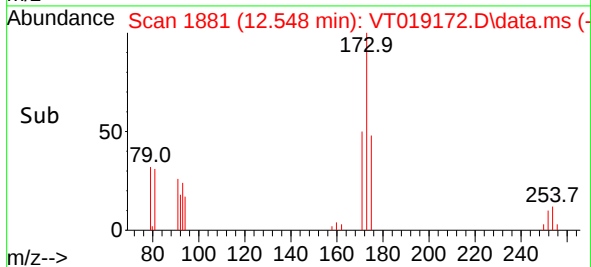
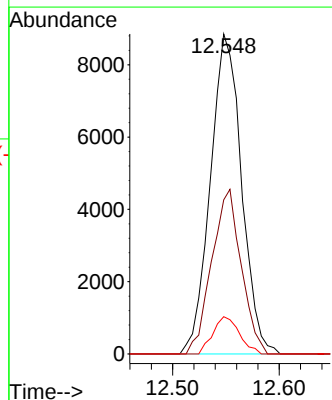
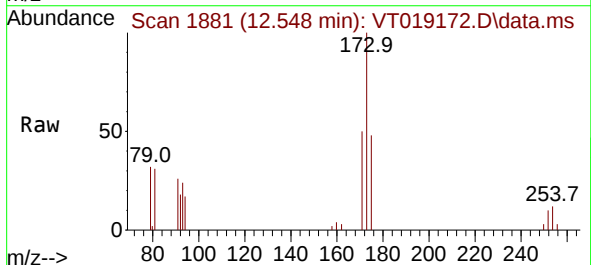
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

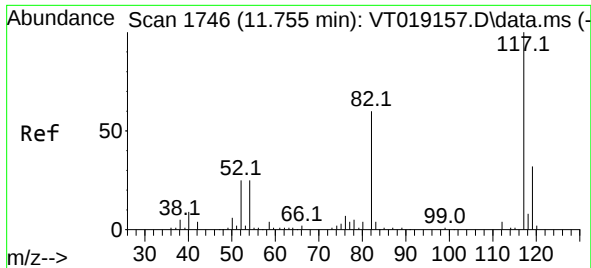
Tgt Ion: 63 Resp: 65232
Ion Ratio Lower Upper
63 100
65 31.7 25.8 38.6
106 26.1 22.1 33.1



#56
Bromoform
Concen: 20.596 ug/l
RT: 12.548 min Scan# 1881
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion:173 Resp: 17996
Ion Ratio Lower Upper
173 100
175 48.6 2.6 3.8#
254 9.9 2.2 3.2#

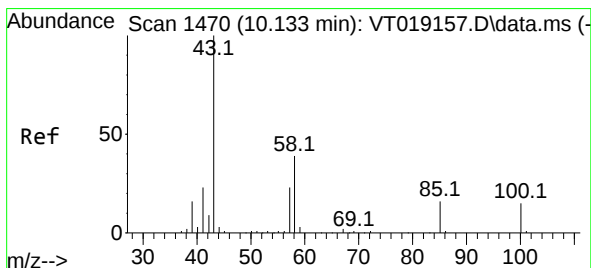
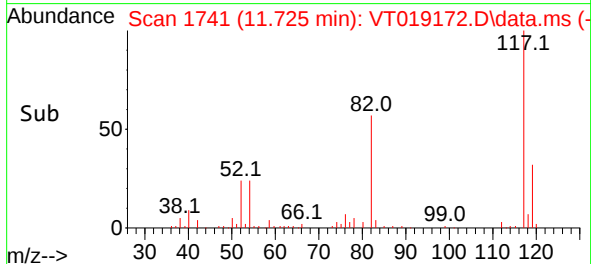
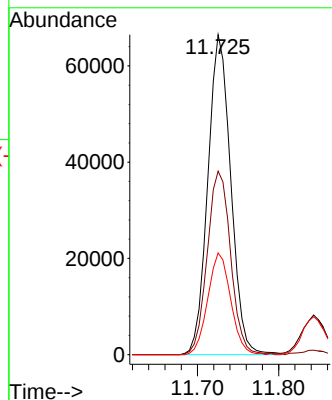
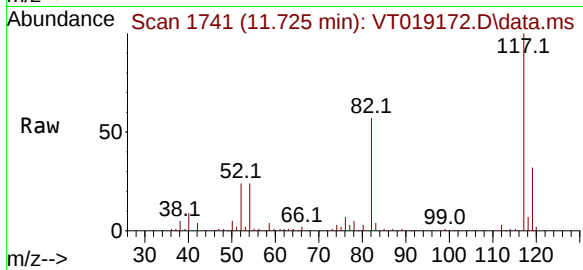




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.725 min Scan# 11
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

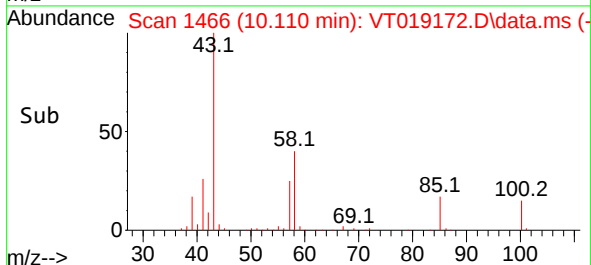
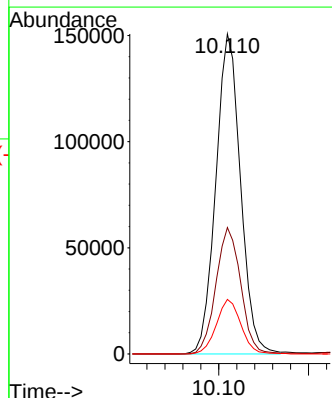
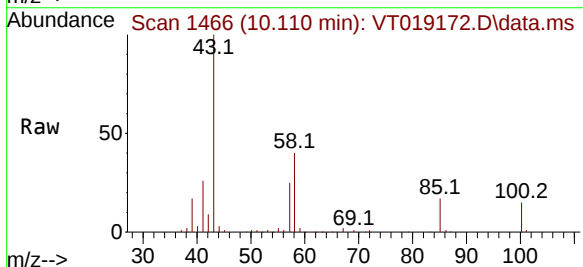
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

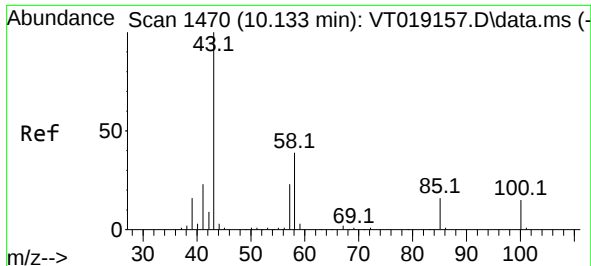
Tgt Ion:117 Resp: 130375
Ion Ratio Lower Upper
117 100
82 58.4 46.0 69.0
119 31.7 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 89.972 ug/l
RT: 10.110 min Scan# 1466
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 43 Resp: 287264
Ion Ratio Lower Upper
43 100
58 39.7 30.6 45.8
85 17.0 13.4 20.2

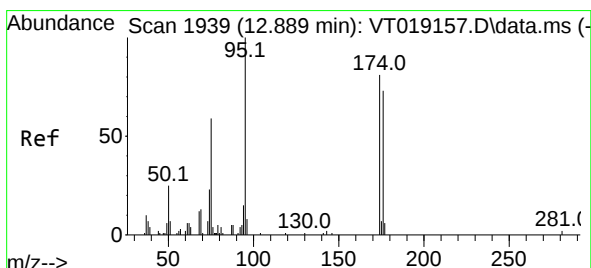
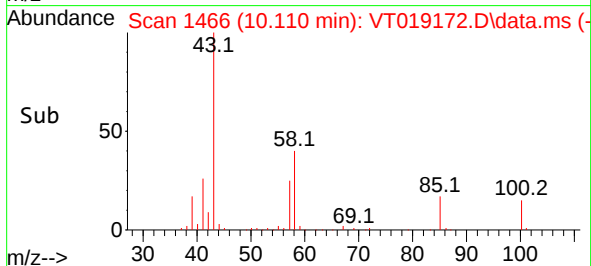
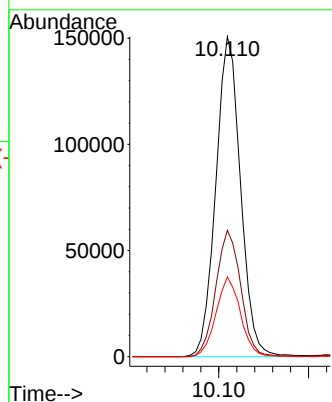
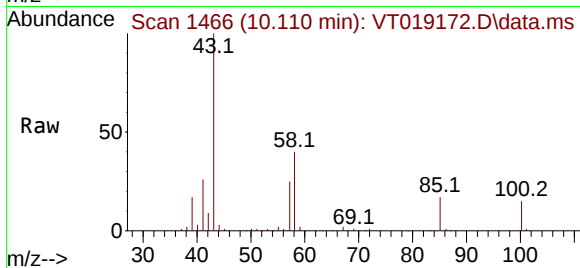




#59
2-Hexanone
Concen: 89.972 ug/l
RT: 10.110 min Scan# 1470
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

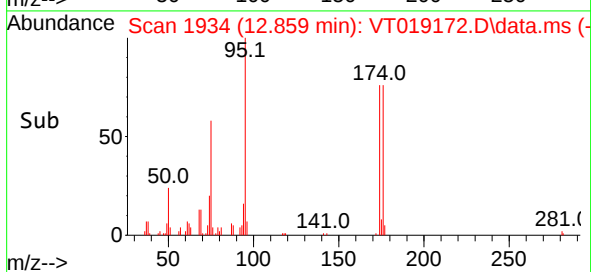
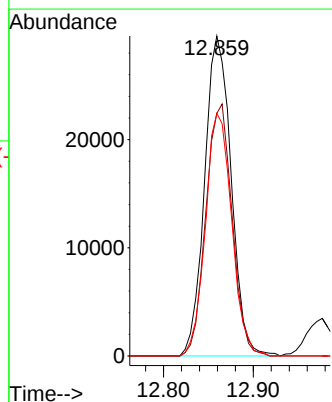
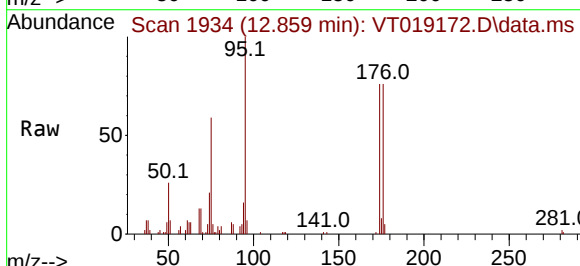
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

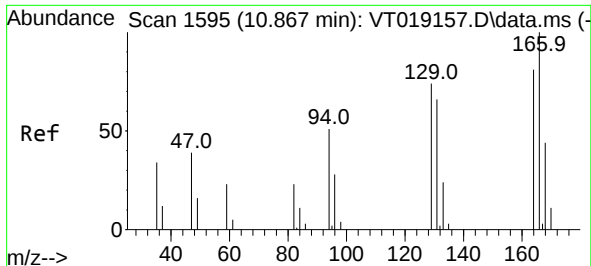
Tgt Ion: 43 Resp: 287264
Ion Ratio Lower Upper
43 100
58 39.7 42.0 63.0#
57 24.7 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.661 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

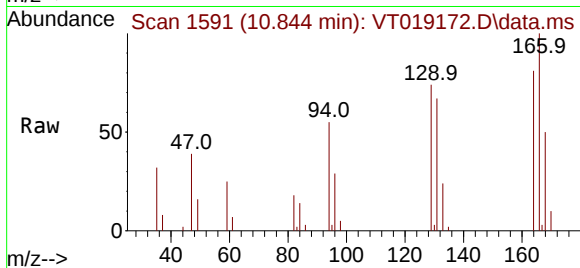
Tgt Ion: 95 Resp: 60777
Ion Ratio Lower Upper
95 100
174 77.7 57.5 86.3
176 75.2 56.4 84.6



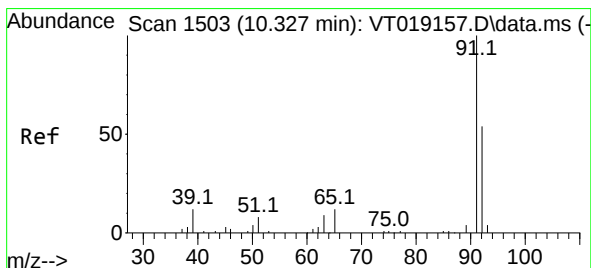
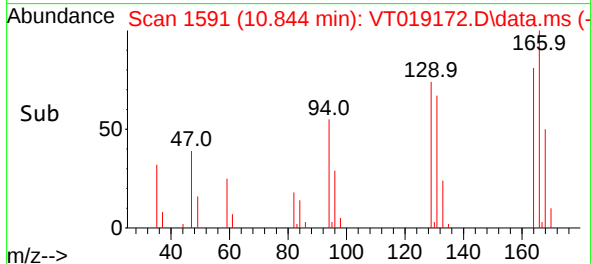
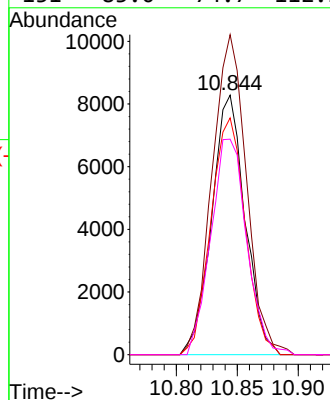


#61
Tetrachloroethene
Concen: 19.125 ug/l
RT: 10.844 min Scan# 1499
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

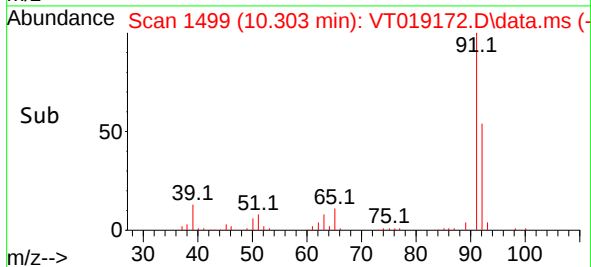
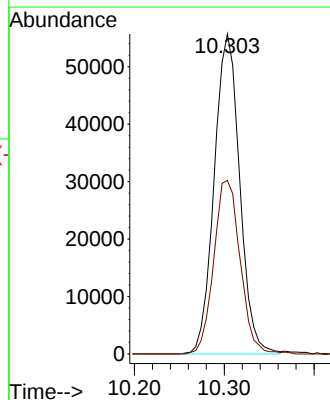
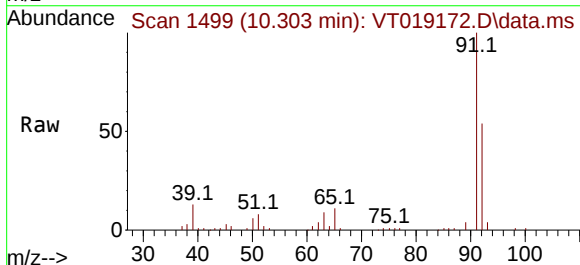


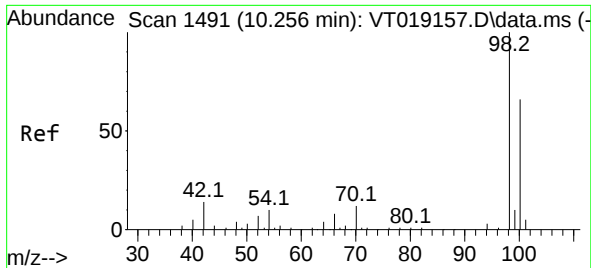
Tgt Ion:164 Resp: 15760
Ion Ratio Lower Upper
164 100
166 123.3 101.0 151.4
129 91.2 78.6 117.8
131 83.0 74.7 112.1



#62
Toluene
Concen: 18.795 ug/l
RT: 10.303 min Scan# 1499
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 91 Resp: 109752
Ion Ratio Lower Upper
91 100
92 56.2 46.6 69.8

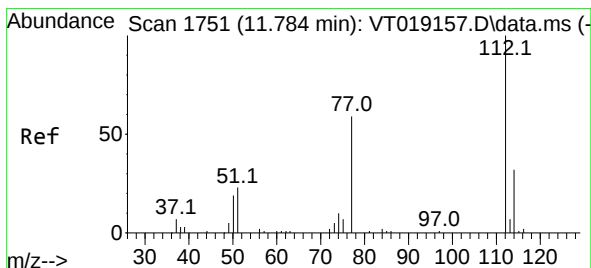
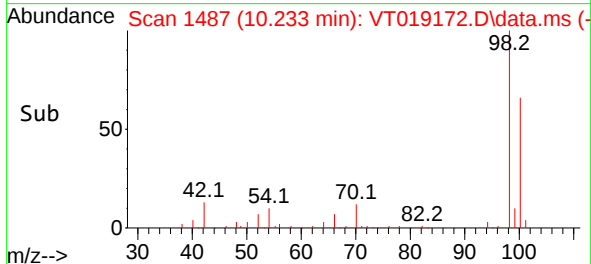
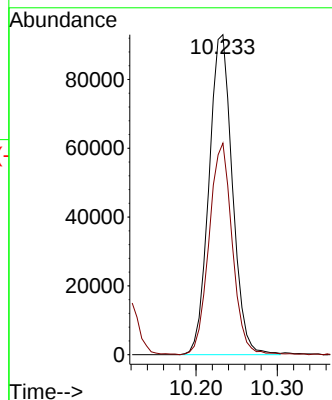
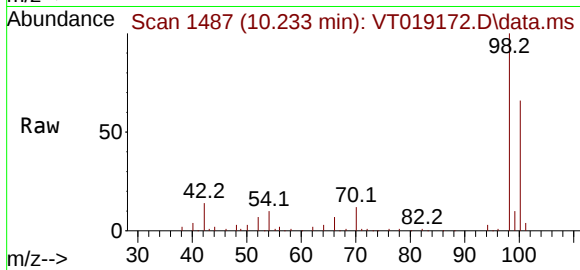




#63
Toluene-d8
Concen: 29.331 ug/l
RT: 10.233 min Scan# 1491
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

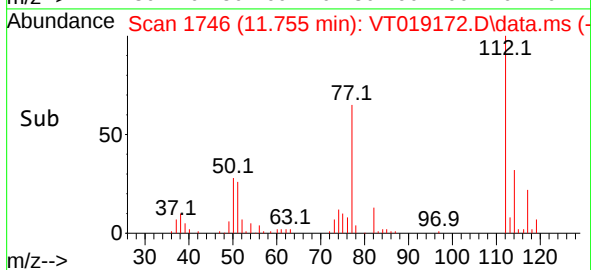
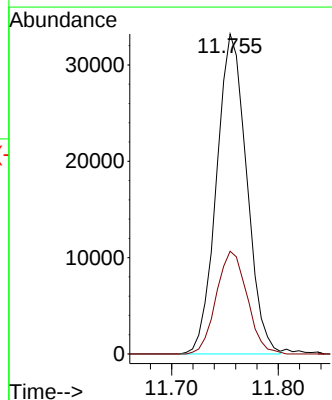
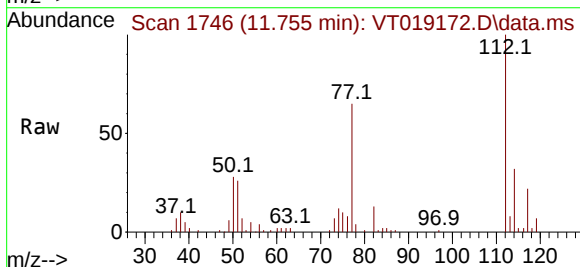
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

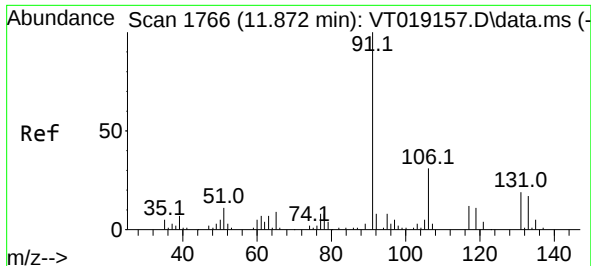
Tgt Ion: 98 Resp: 186127
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#64
Chlorobenzene
Concen: 18.293 ug/l
RT: 11.755 min Scan# 1746
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 112 Resp: 65248
Ion Ratio Lower Upper
112 100
114 32.1 23.6 35.4

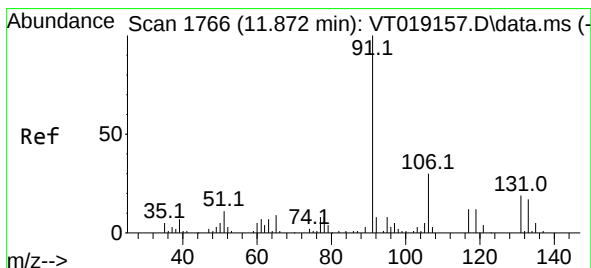
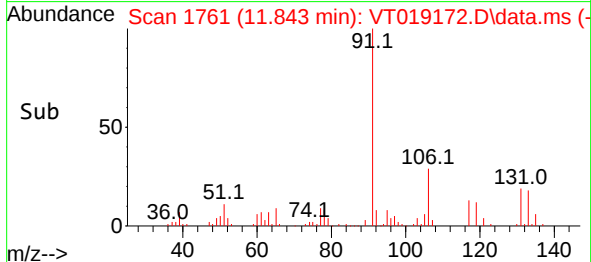
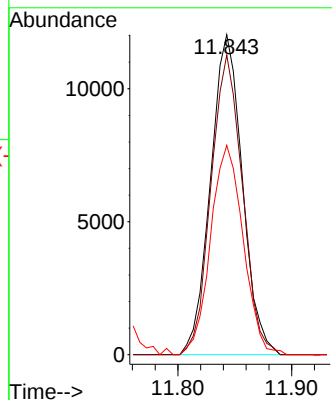
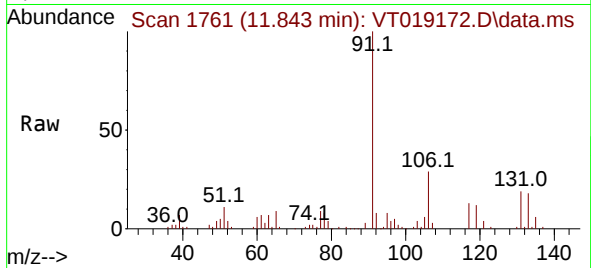




#65
1,1,1,2-Tetrachloroethane
Concen: 20.138 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

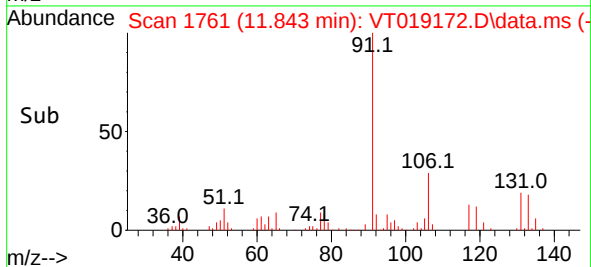
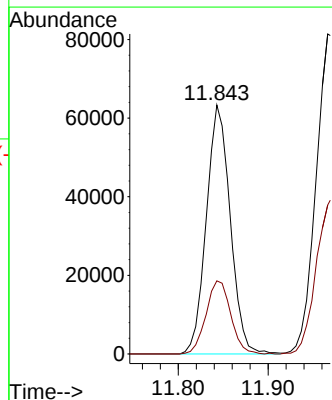
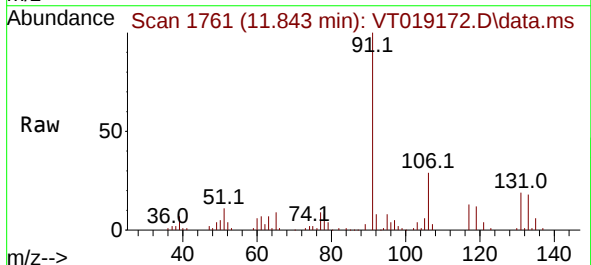
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

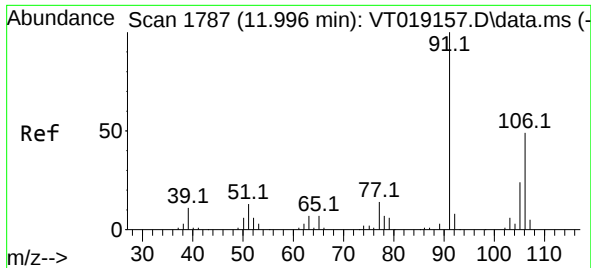
Tgt Ion:131 Resp: 23397
Ion Ratio Lower Upper
131 100
133 92.4 0.0 188.2
119 66.7 0.0 101.8



#66
Ethyl Benzene
Concen: 18.461 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 91 Resp: 117164
Ion Ratio Lower Upper
91 100
106 29.4 25.1 37.7

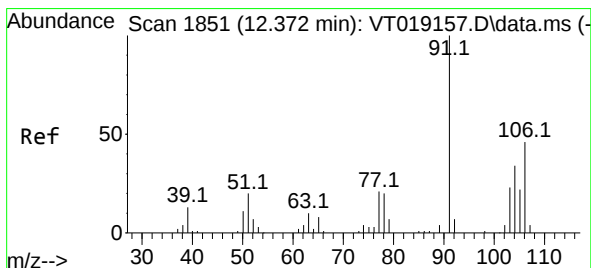
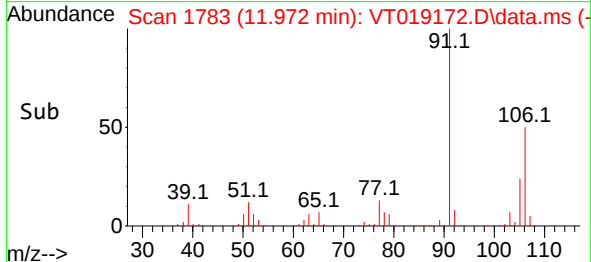
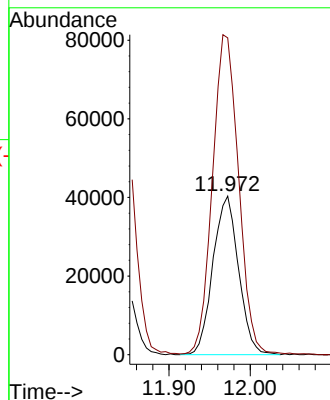
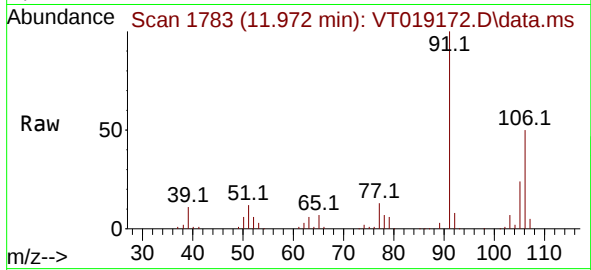




#67
m/p-Xylenes
Concen: 37.457 ug/l
RT: 11.972 min Scan# 11
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

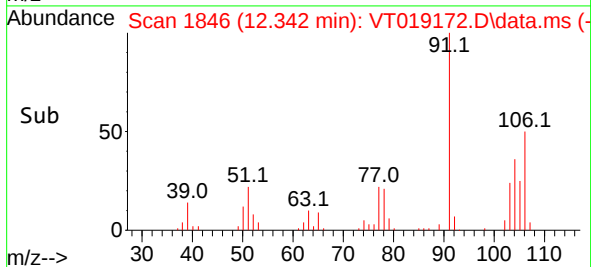
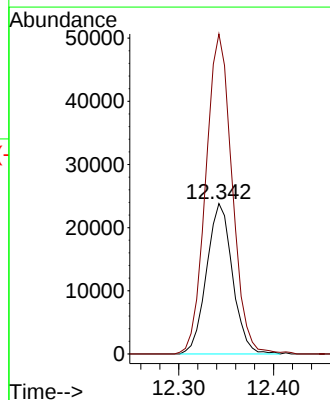
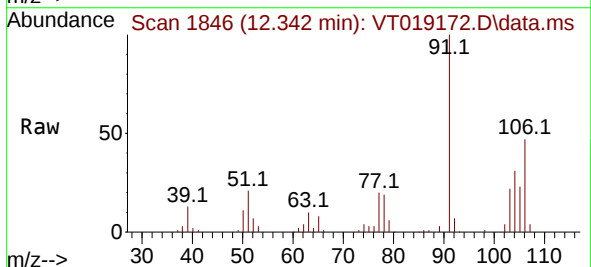
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

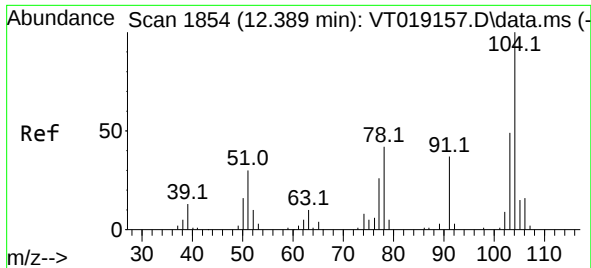
Tgt Ion:106 Resp: 88369
Ion Ratio Lower Upper
106 100
91 205.8 164.4 246.6



#68
o-Xylene
Concen: 18.570 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion:106 Resp: 45222
Ion Ratio Lower Upper
106 100
91 216.0 111.3 333.8

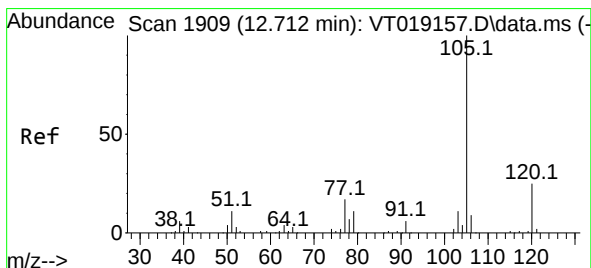
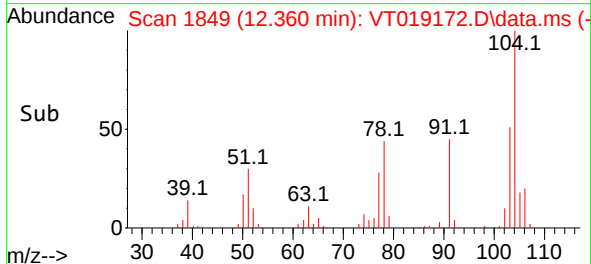
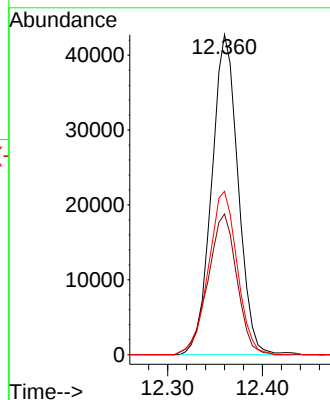
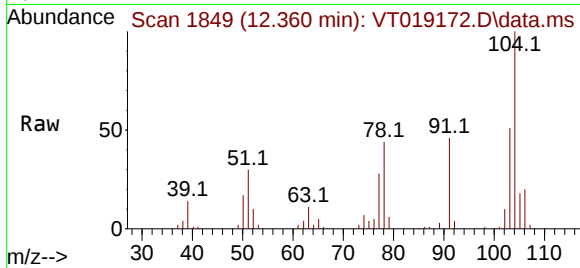




#69
Styrene
Concen: 18.952 ug/l
RT: 12.360 min Scan# 11
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

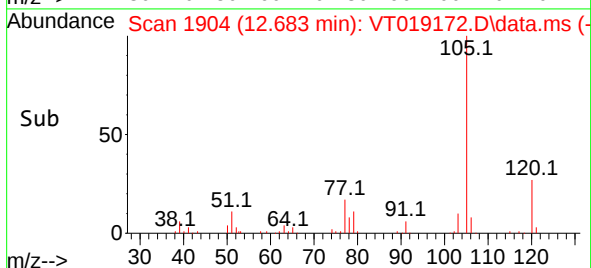
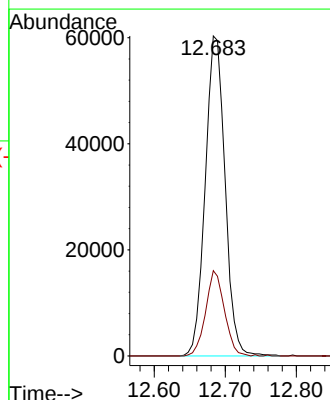
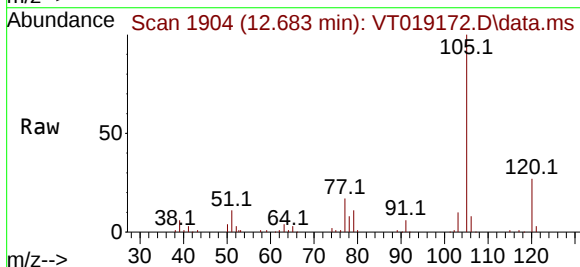
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

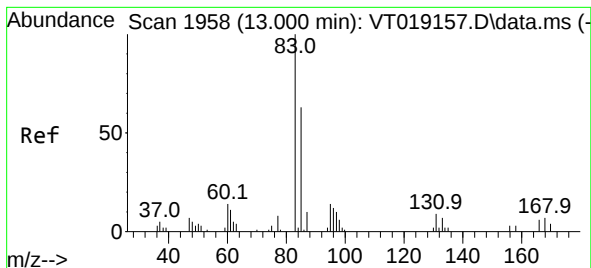
Tgt Ion:104 Resp: 82857
Ion Ratio Lower Upper
104 100
78 48.0 42.6 63.8
103 55.1 43.5 65.3



#70
Isopropylbenzene
Concen: 19.593 ug/l
RT: 12.683 min Scan# 1904
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion:105 Resp: 117029
Ion Ratio Lower Upper
105 100
120 25.2 17.8 33.0

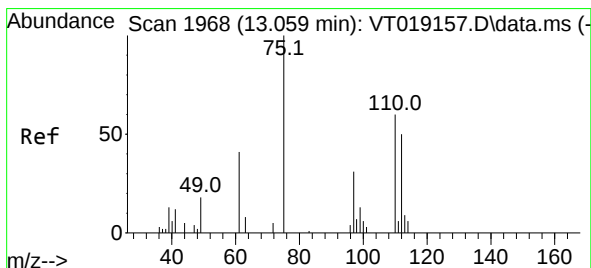
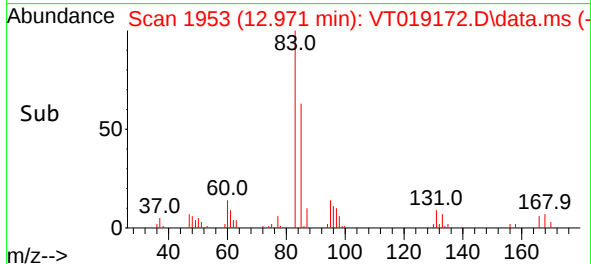
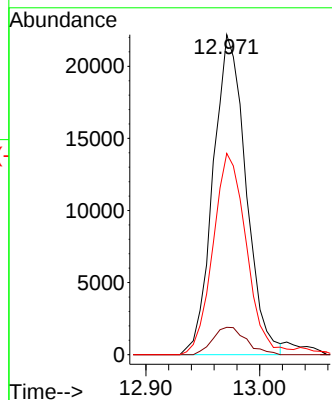
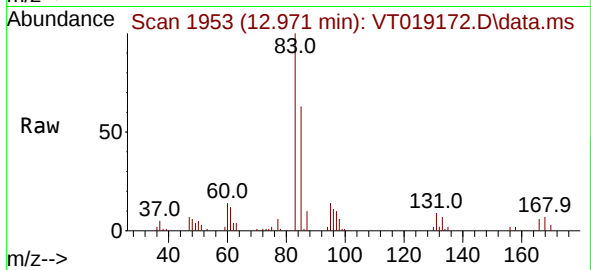




#71
1,1,2,2-Tetrachloroethane
Concen: 18.977 ug/l
RT: 12.971 min Scan# 1953
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

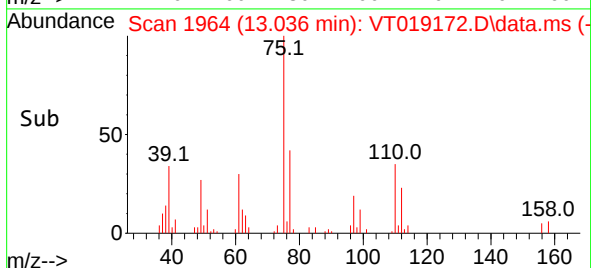
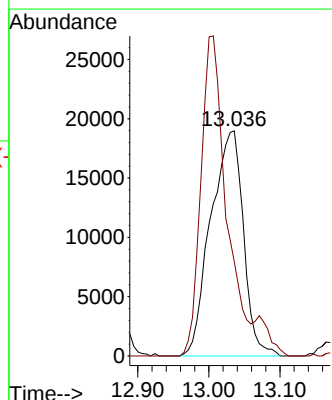
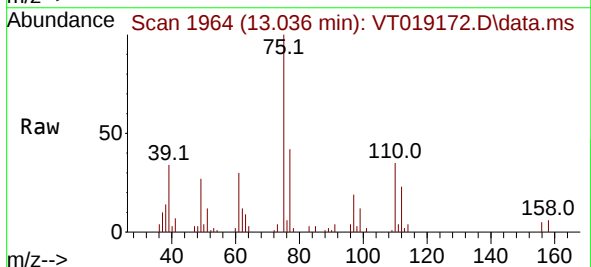
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

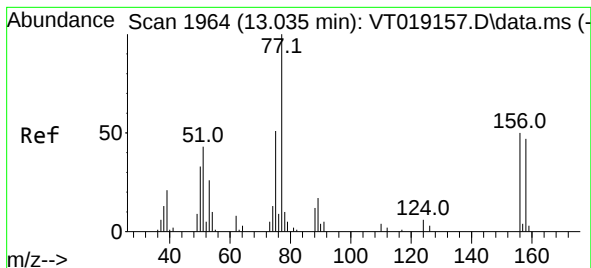
Tgt Ion: 83 Resp: 44474
Ion Ratio Lower Upper
83 100
131 8.8 6.0 18.0
85 64.1 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 35.022 ug/l
RT: 13.036 min Scan# 1964
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 75 Resp: 60586
Ion Ratio Lower Upper
75 100
77 110.1 0.0 74.2#





#73

Bromobenzene

Concen: 19.145 ug/l

RT: 13.006 min Scan# 1959

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

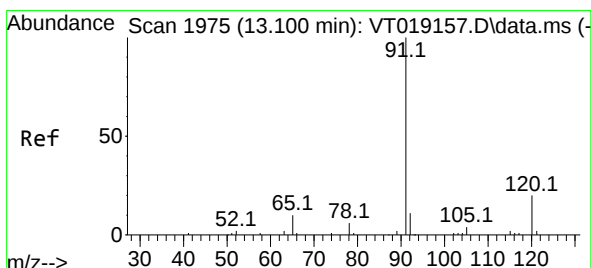
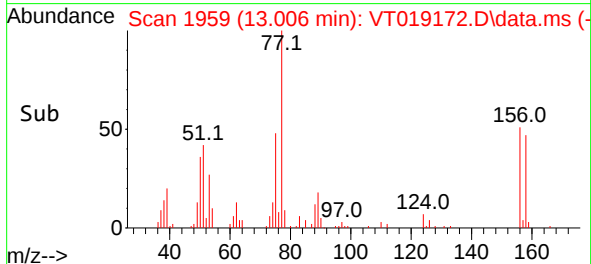
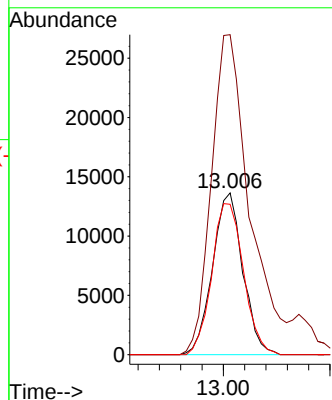
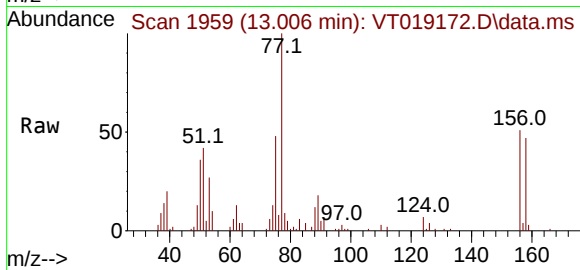
Tgt Ion:156 Resp: 26891

Ion Ratio Lower Upper

156 100

77 248.2 0.0 340.8

158 97.9 0.0 189.0



#74

n-propylbenzene

Concen: 19.130 ug/l

RT: 13.077 min Scan# 1971

Delta R.T. -0.023 min

Lab File: VT019172.D

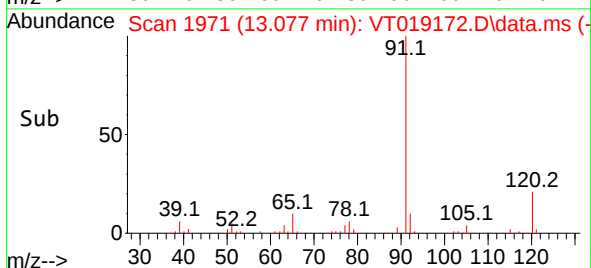
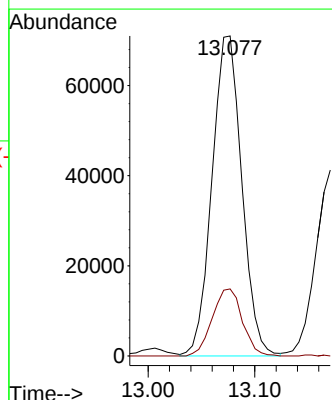
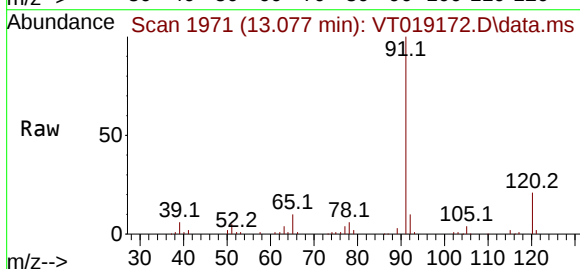
Acq: 24 Oct 2025 9:46

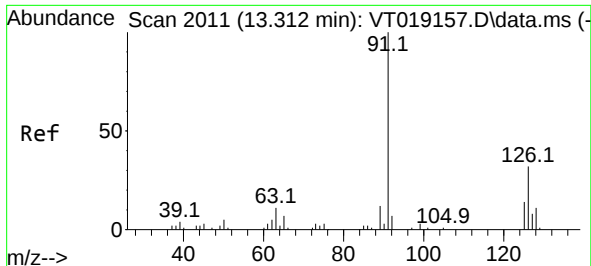
Tgt Ion: 91 Resp: 137784

Ion Ratio Lower Upper

91 100

120 21.1 0.0 44.4

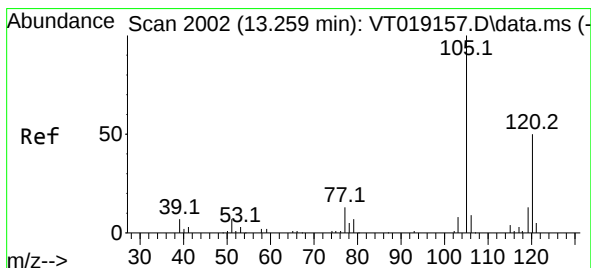
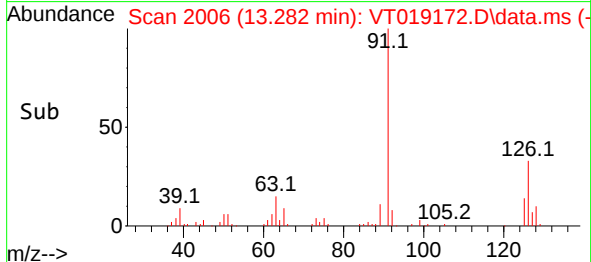
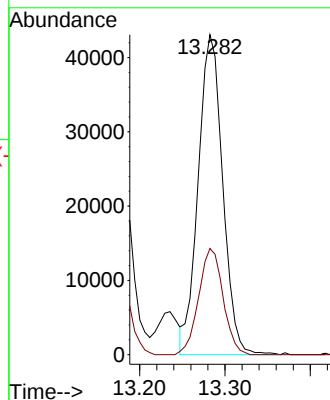
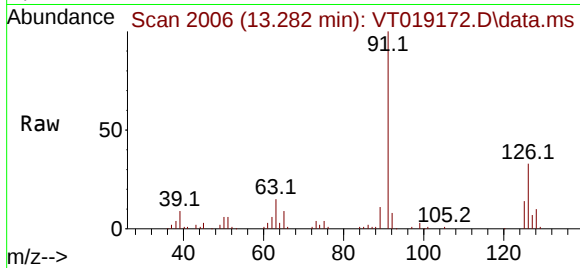




#75
2-Chlorotoluene
Concen: 19.443 ug/l
RT: 13.282 min Scan# 2011
Delta R.T. -0.030 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

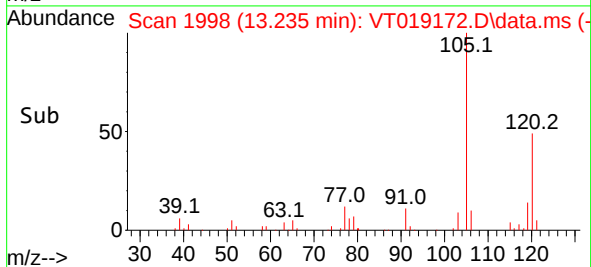
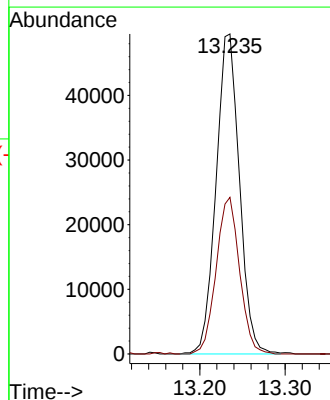
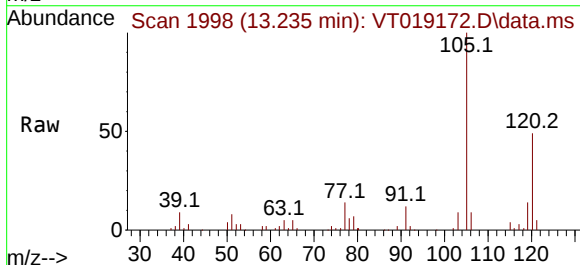
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

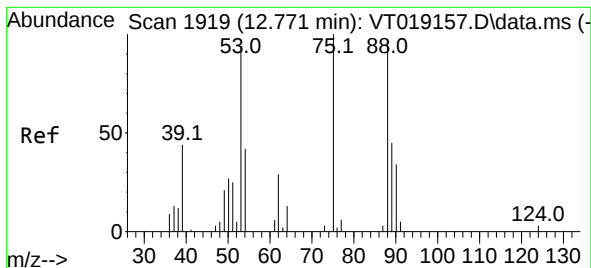
Tgt Ion: 91 Resp: 85729
Ion Ratio Lower Upper
91 100
126 33.1 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 19.265 ug/l
RT: 13.235 min Scan# 1998
Delta R.T. -0.024 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 105 Resp: 94404
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.0

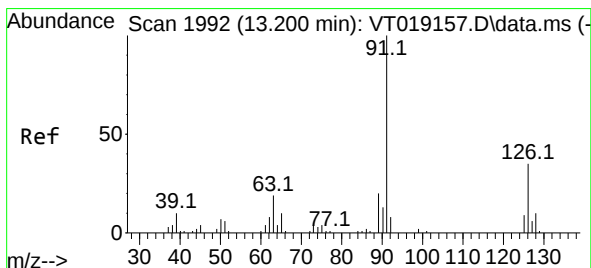
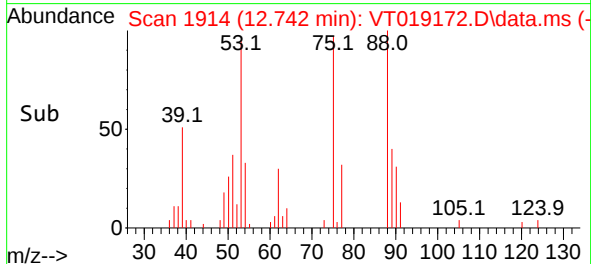
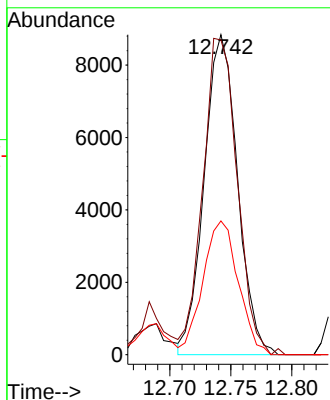
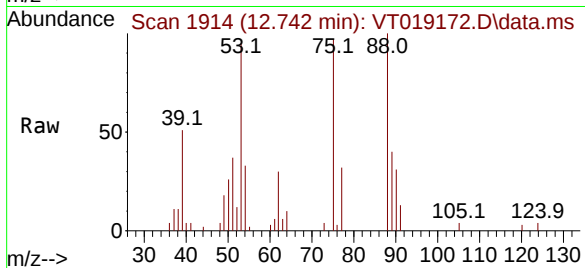




#77
t-1,4-Dichloro-2-butene
Concen: 20.027 ug/l
RT: 12.742 min Scan# 1914
Delta R.T. -0.023 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

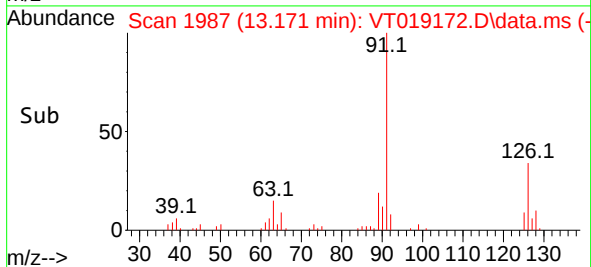
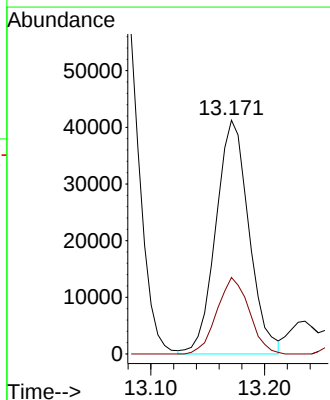
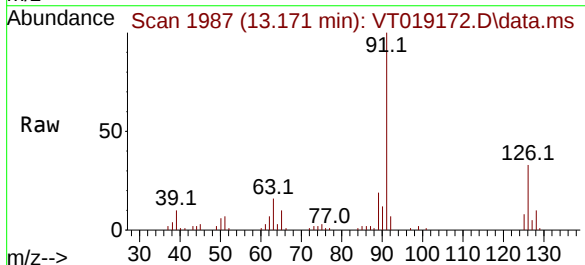
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

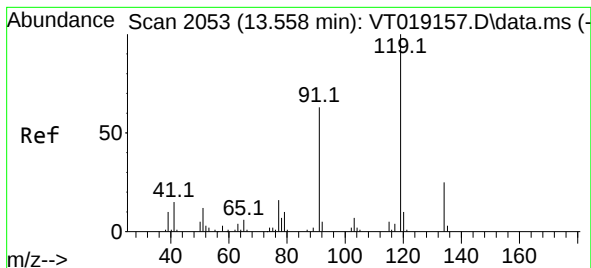
Tgt Ion: 75 Resp: 16834
Ion Ratio Lower Upper
75 100
53 96.4 48.4 145.2
89 41.8 33.8 101.3



#78
4-Chlorotoluene
Concen: 19.208 ug/l
RT: 13.171 min Scan# 1987
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 91 Resp: 83544
Ion Ratio Lower Upper
91 100
126 31.8 0.0 57.2





#79

tert-butylbenzene

Concen: 5.291 ug/l

RT: 13.582 min Scan# 2057

Delta R.T. 0.024 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

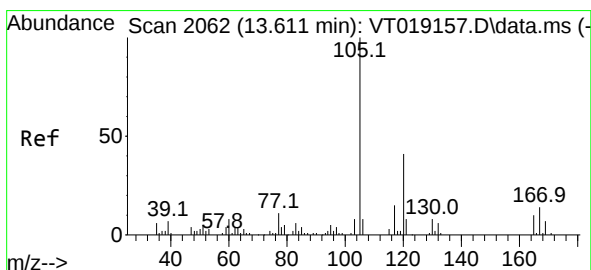
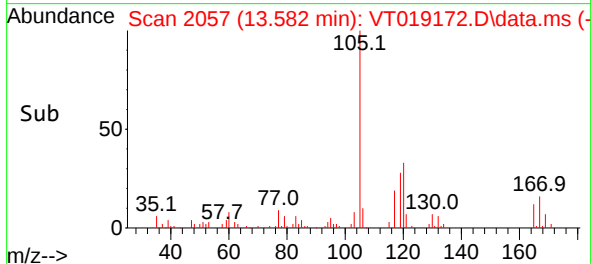
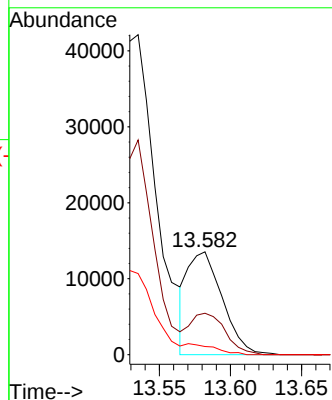
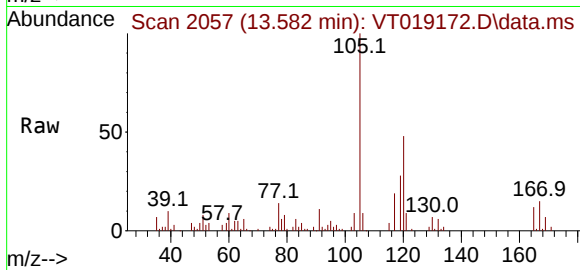
Tgt Ion:119 Resp: 23029

Ion Ratio Lower Upper

119 100

91 41.6 0.0 120.6

134 9.1 0.0 46.0



#80

1,2,4-Trimethylbenzene

Concen: 18.957 ug/l

RT: 13.582 min Scan# 2057

Delta R.T. -0.029 min

Lab File: VT019172.D

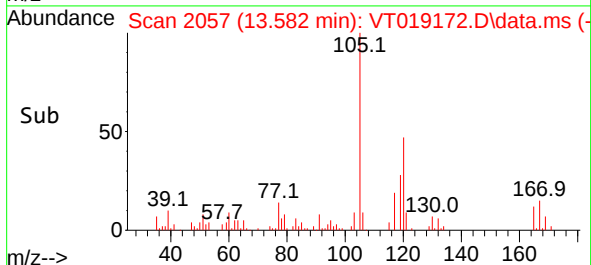
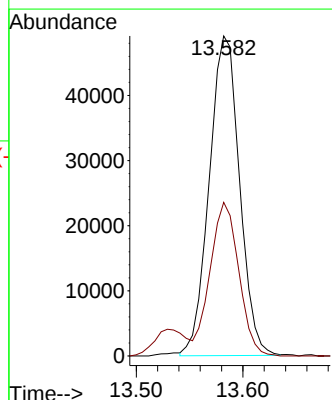
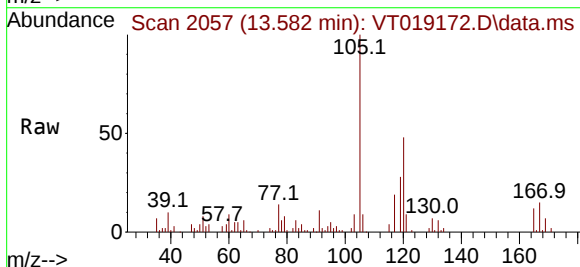
Acq: 24 Oct 2025 9:46

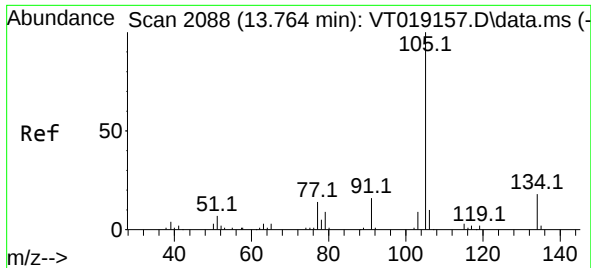
Tgt Ion:105 Resp: 96923

Ion Ratio Lower Upper

105 100

120 45.3 0.0 88.6

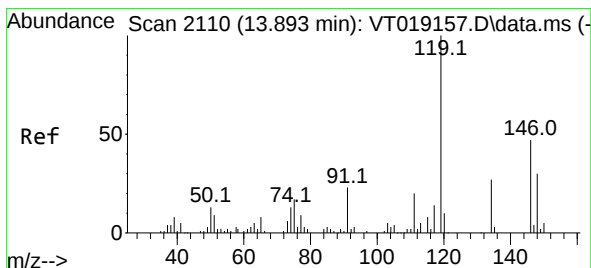
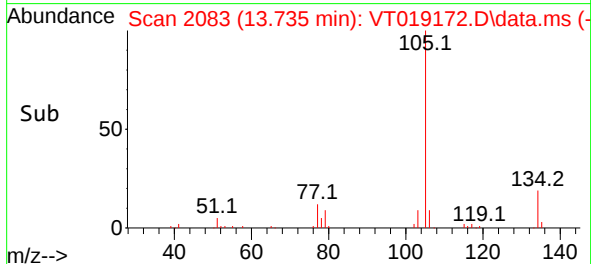
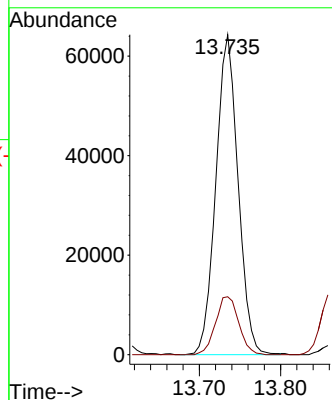
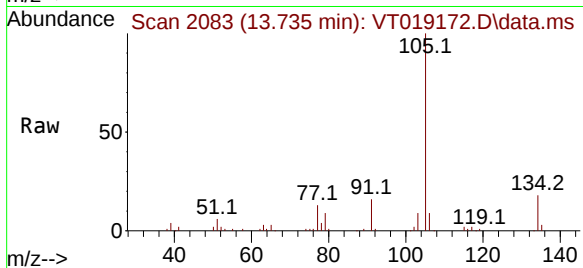




#81
 sec-Butylbenzene
 Concen: 19.474 ug/l
 RT: 13.735 min Scan# 2088
 Delta R.T. -0.029 min
 Lab File: VT019172.D
 Acq: 24 Oct 2025 9:46

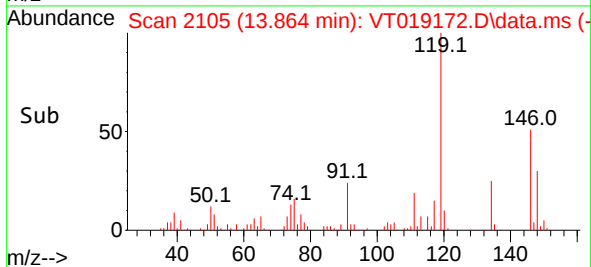
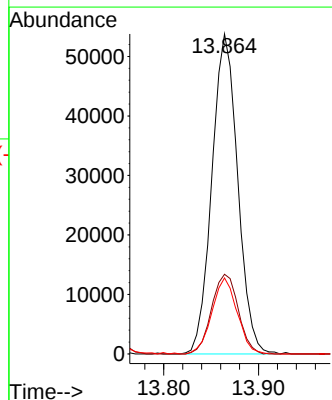
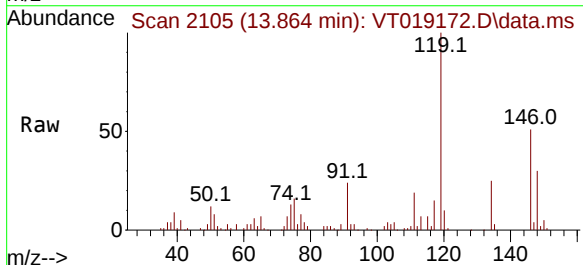
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020

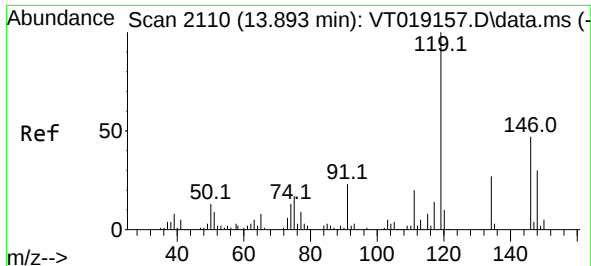
Tgt Ion:105 Resp: 122124
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 19.496 ug/l
 RT: 13.864 min Scan# 2105
 Delta R.T. -0.029 min
 Lab File: VT019172.D
 Acq: 24 Oct 2025 9:46

Tgt Ion:119 Resp: 101712
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.8
 91 23.2 0.0 51.0

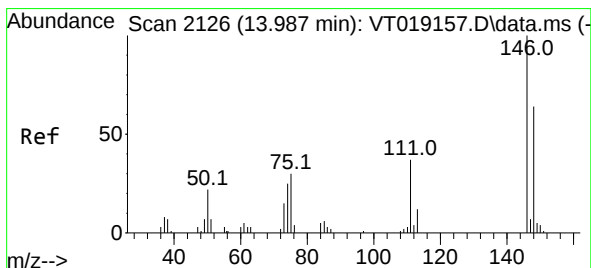
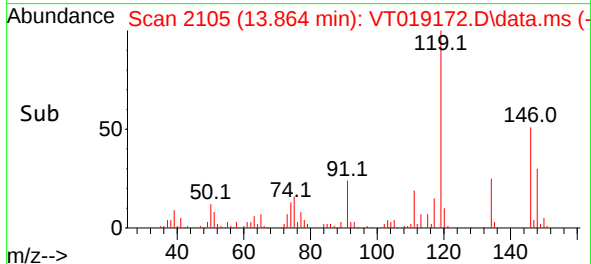
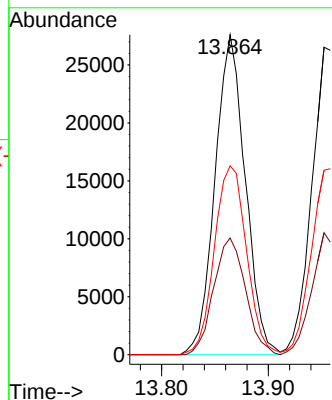
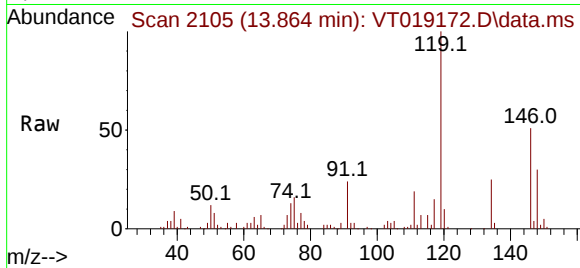




#83
1,3-Dichlorobenzene
Concen: 19.782 ug/l
RT: 13.864 min Scan# 2110
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

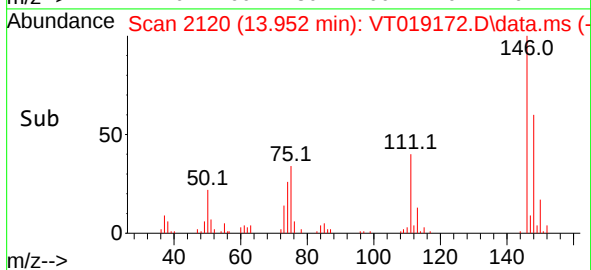
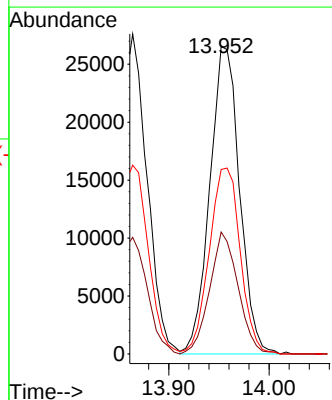
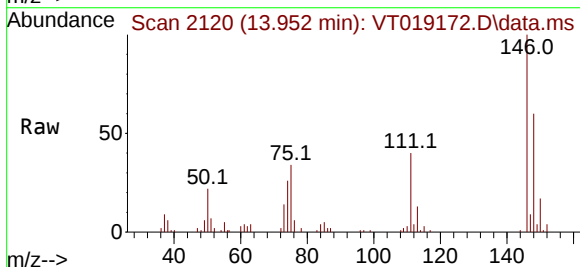
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

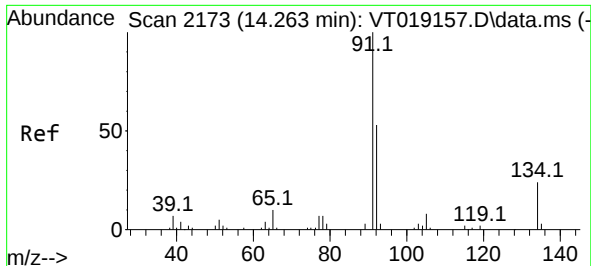
Tgt Ion:146 Resp: 54492
Ion Ratio Lower Upper
146 100
111 38.2 20.7 62.1
148 62.7 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 19.723 ug/l
RT: 13.952 min Scan# 2120
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion:146 Resp: 54701
Ion Ratio Lower Upper
146 100
111 38.0 20.4 61.3
148 63.0 32.3 96.8





#85

n-Butylbenzene

Concen: 19.453 ug/l

RT: 14.234 min Scan# 2173

Delta R.T. -0.029 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

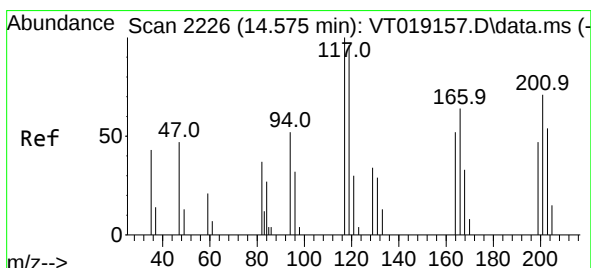
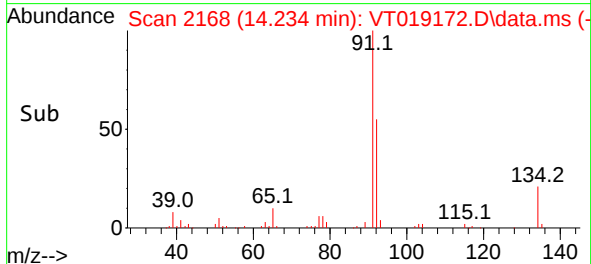
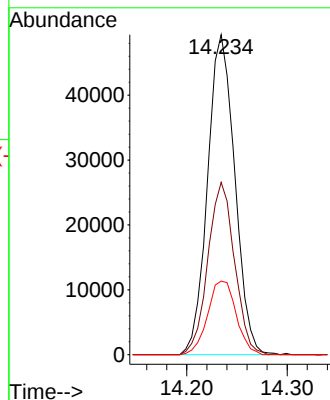
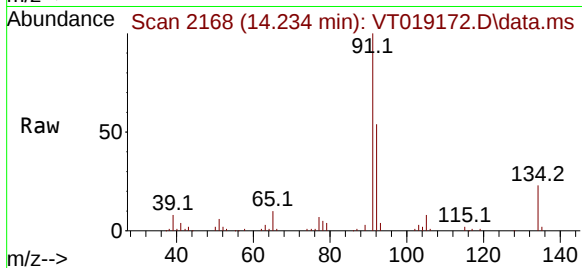
Tgt Ion: 91 Resp: 92883

Ion Ratio Lower Upper

91 100

92 52.7 0.0 107.8

134 24.1 0.0 50.0



#86

Hexachloroethane

Concen: 21.905 ug/l

RT: 14.540 min Scan# 2220

Delta R.T. -0.035 min

Lab File: VT019172.D

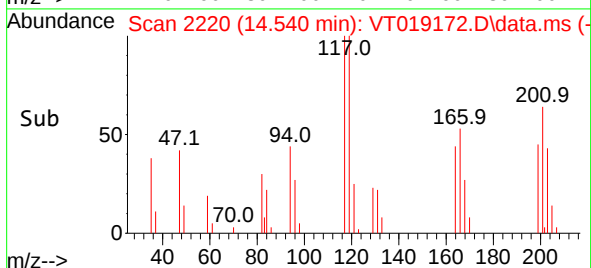
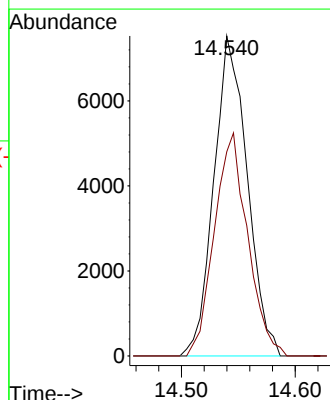
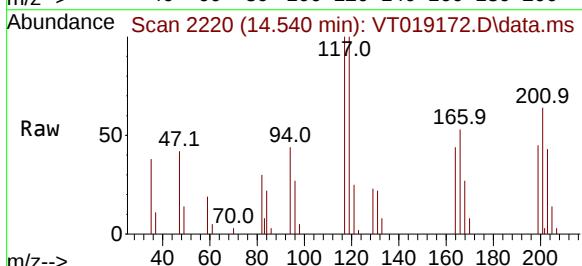
Acq: 24 Oct 2025 9:46

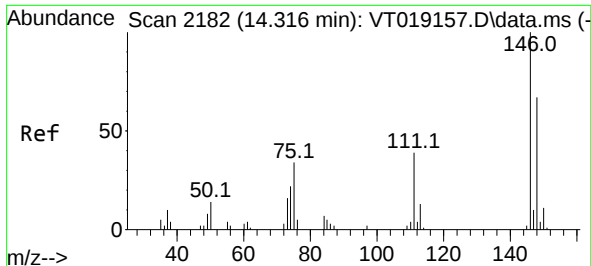
Tgt Ion: 117 Resp: 15315

Ion Ratio Lower Upper

117 100

201 69.7 0.5 1.5#

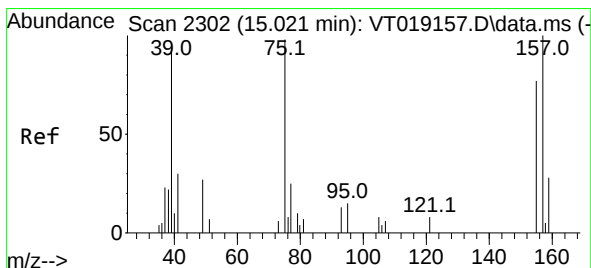
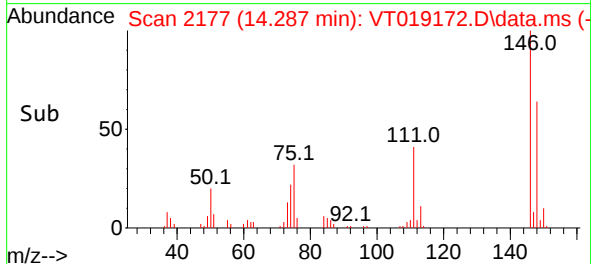
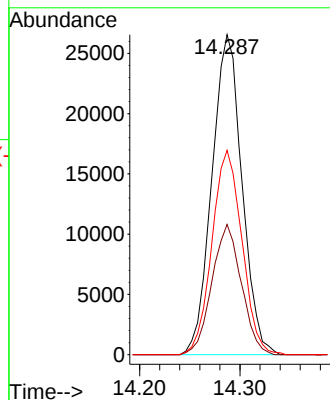
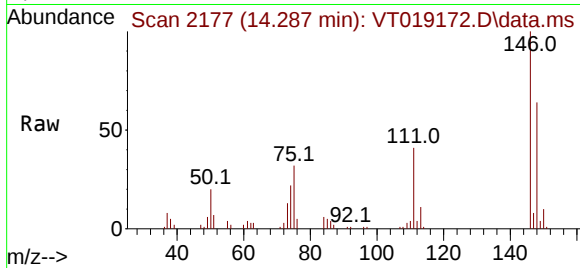




#87
1,2-Dichlorobenzene
Concen: 20.089 ug/l
RT: 14.287 min Scan# 2182
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

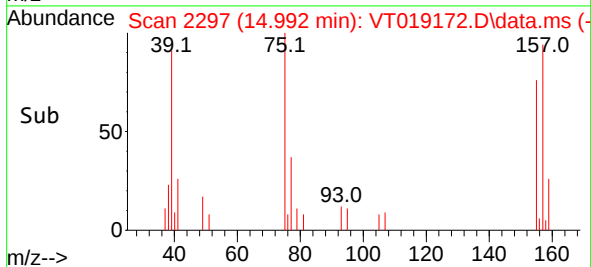
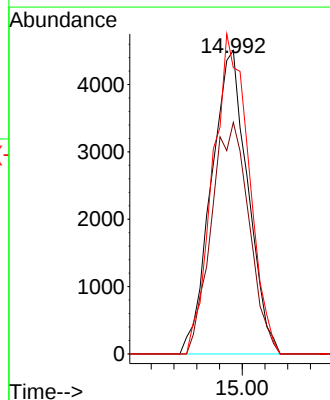
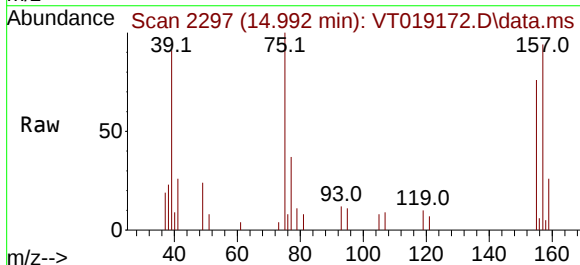
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

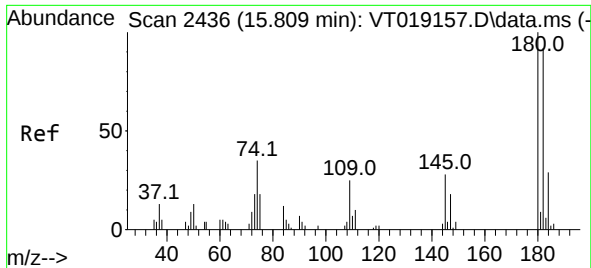
Tgt Ion:146 Resp: 55283
Ion Ratio Lower Upper
146 100
111 39.9 21.8 65.3
148 63.7 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.495 ug/l
RT: 14.992 min Scan# 2297
Delta R.T. -0.029 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion: 75 Resp: 10038
Ion Ratio Lower Upper
75 100
155 78.6 65.4 98.2
157 103.9 82.0 123.0

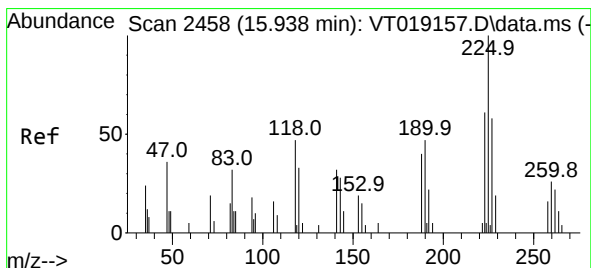
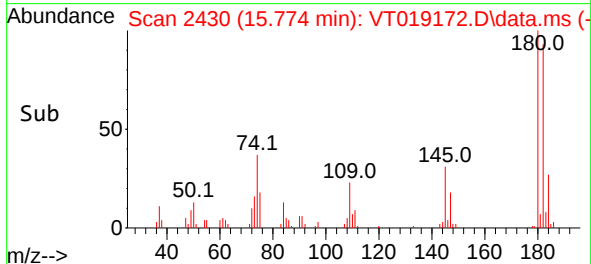
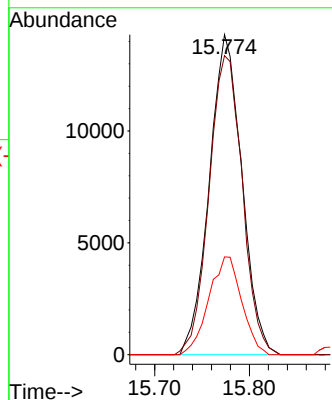
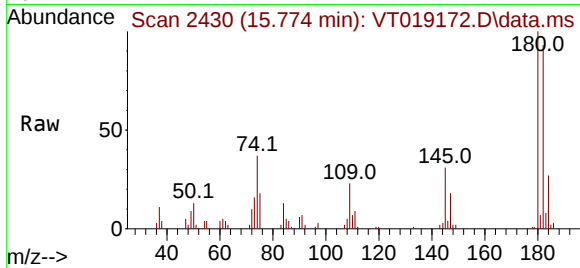




#89
1,2,4-Trichlorobenzene
Concen: 20.365 ug/l
RT: 15.774 min Scan# 2430
Delta R.T. -0.035 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

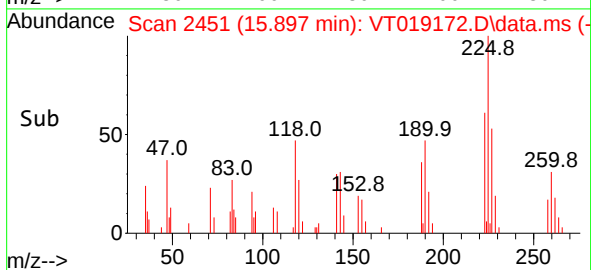
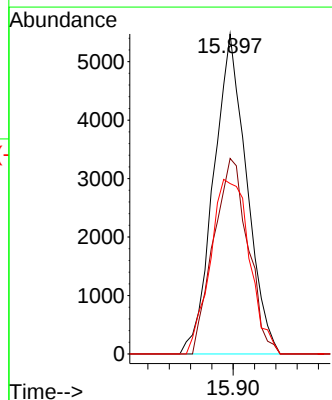
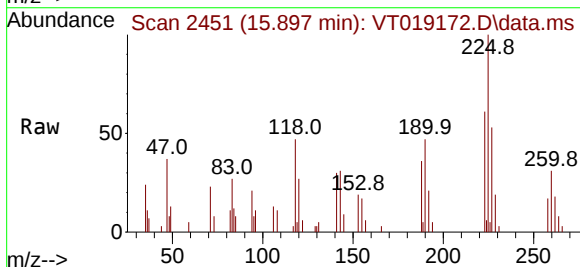
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020

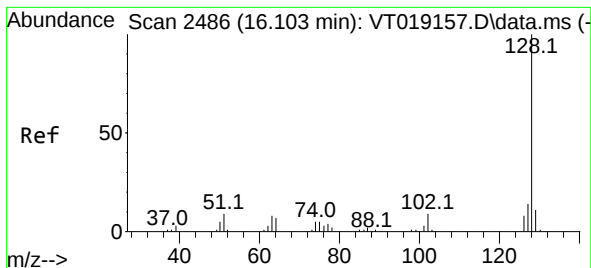
Tgt Ion:180 Resp: 34116
Ion Ratio Lower Upper
180 100
182 95.4 78.2 117.2
145 30.9 26.5 39.7



#90
Hexachlorobutadiene
Concen: 21.165 ug/l
RT: 15.897 min Scan# 2451
Delta R.T. -0.041 min
Lab File: VT019172.D
Acq: 24 Oct 2025 9:46

Tgt Ion:225 Resp: 11756
Ion Ratio Lower Upper
225 100
223 64.2 0.0 73.8
227 64.6 0.0 130.6





#91

Naphthalene

Concen: 20.157 ug/l

RT: 16.067 min Scan# 2486

Delta R.T. -0.030 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020

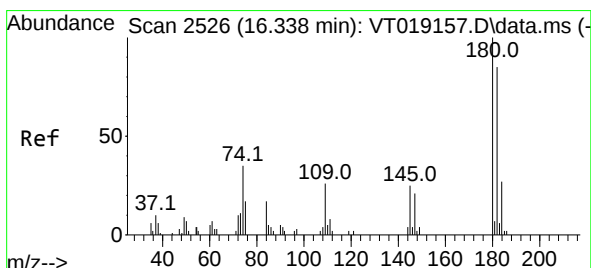
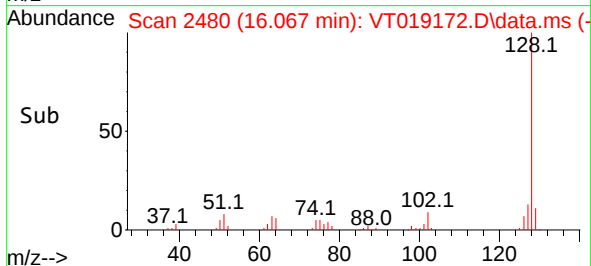
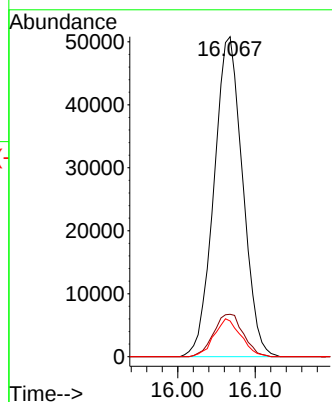
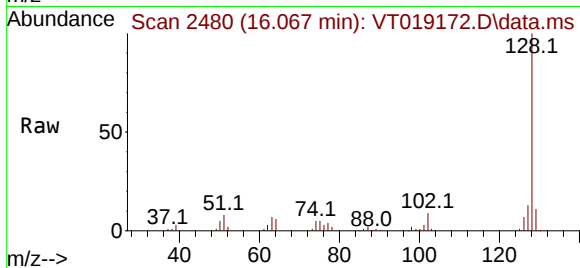
Tgt Ion:128 Resp: 130517

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.1 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 19.881 ug/l

RT: 16.297 min Scan# 2519

Delta R.T. -0.041 min

Lab File: VT019172.D

Acq: 24 Oct 2025 9:46

Tgt Ion:180 Resp: 33618

Ion Ratio Lower Upper

180 100

182 95.8 0.0 189.0

145 31.6 0.0 69.2

