

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102225\
 Data File : VT019157.D
 Acq On : 22 Oct 2025 14:34
 Operator : SY/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 24 05:12:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 05:09:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.078	128	20636	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	8.582	114	129603	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.755	117	111416	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.971	65	54340	30.056	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.200%	
60) 4-Bromofluorobenzene	12.889	95	51105	29.185	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.267%	
63) Toluene-d8	10.256	98	162836	30.027	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.884	85	10888	15.398	ug/l	92
3) Chloromethane	2.089	50	7934	5.918	ug/l	97
4) Vinyl Chloride	2.201	62	25412	16.738	ug/l	100
5) Bromomethane	2.553	94	22830	17.171	ug/l	86
6) Chloroethane	2.694	64	23644	17.988	ug/l	98
7) Trichlorofluoromethane	2.994	101	41663	17.683	ug/l	99
8) Diethyl Ether	3.358	74	26077	17.976	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.693	101	19393	20.964	ug/l	98
10) 1,1-Dichloroethene	3.670	96	19907	21.482	ug/l	95
11) Methyl Iodide	3.875	142	17194	18.570	ug/l	# 7
12) Methyl Acetate	4.228	43	70635	19.276	ug/l	100
13) Acrolein	3.546	56	14355	116.151	ug/l	97
14) Acrylonitrile	4.851	53	104924	92.895	ug/l	98
15) Acetone	3.746	58	37980	94.379	ug/l	92
16) Carbon Disulfide	3.969	76	32240	18.628	ug/l	96
17) Allyl chloride	4.222	41	38679	17.559	ug/l	86
18) Methylene Chloride	4.440	84	25743	18.626	ug/l	95
19) trans-1,2-Dichloroethene	6.702	96	26788	18.789	ug/l	93
20) Diisopropyl ether	5.809	45	102545	18.287	ug/l	# 70
21) 1,1-Dichloroethane	5.709	63	48213	18.400	ug/l	99
22) cis-1,2-Dichloroethene	6.702	96	26788	18.789	ug/l	95
23) tert-Butyl Alcohol	4.669	59	45985	92.928	ug/l	# 100
24) Methyl tert-Butyl Ether	4.910	73	103719	18.608	ug/l	98
25) Chloroform	7.266	83	43599	18.190	ug/l	90
26) Cyclohexane	7.571	56	28738	18.690	ug/l	# 98
29) 1,1-Dichloropropene	7.712	75	25209	18.588	ug/l	95
30) 2-Butanone	6.707	43	151836	90.833	ug/l	99
31) 2,2-Dichloropropane	6.696	77	36964	18.616	ug/l	# 89
32) 1,1,1-Trichloroethane	7.477	97	31516	18.446	ug/l	# 75
33) Carbon Tetrachloride	7.695	117	20656	18.869	ug/l	# 94
34) Benzene	7.982	78	92975	18.505	ug/l	# 79
35) Methacrylonitrile	7.054	41	28423	19.977	ug/l	91
36) 1,2-Dichloroethane	8.076	62	34780	18.673	ug/l	100
37) Trichloroethene	8.852	130	16981	18.371	ug/l	94
38) Methylcyclohexane	9.122	83	25555	18.712	ug/l	99
39) 1,2-Dichloropropane	9.163	63	24449	18.580	ug/l	# 90
40) Dibromomethane	9.269	93	14463	17.825	ug/l	# 69
41) Bromodichloromethane	10.791	83	19597	18.803	ug/l	# 86
42) Vinyl Acetate	5.750	43	377587	92.067	ug/l	98

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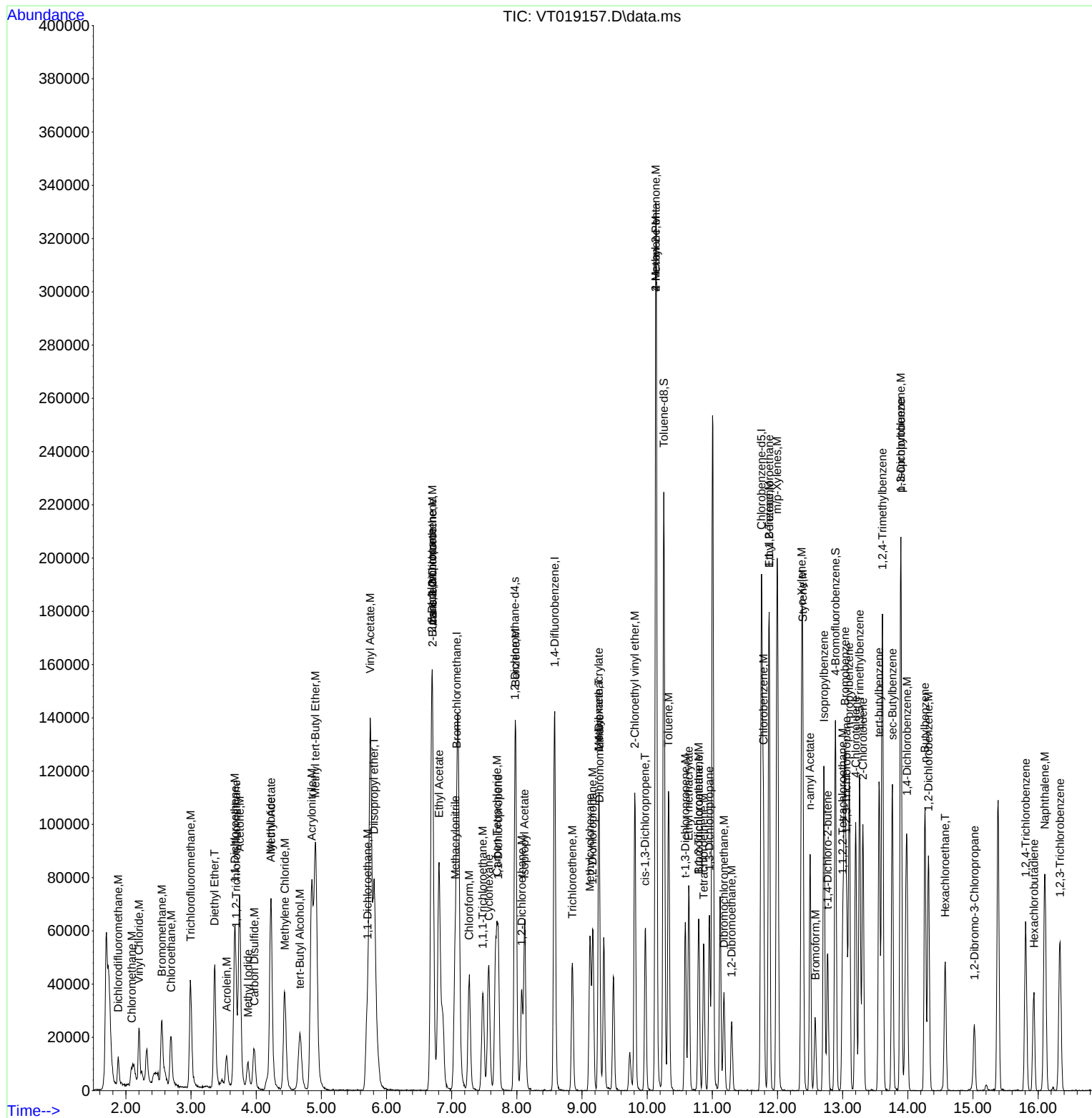
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.807	43	50789	18.483	ug/l	95
44) Isopropyl Acetate	8.118	43	79973	18.492	ug/l	98
45) 1,4-Dioxane	9.257	88	15113	402.815	ug/l #	77
46) Methyl methacrylate	9.257	41	35497	18.357	ug/l	75
47) n-amyl Acetate	12.501	43	54276	18.650	ug/l	99
48) t-1,3-Dichloropropene	10.585	75	35502	18.774	ug/l	99
49) cis-1,3-Dichloropropene	9.968	75	36589	18.419	ug/l	98
50) 1,1,2-Trichloroethane	10.791	97	22183	18.588	ug/l #	77
51) Ethyl methacrylate	10.638	69	42472	18.991	ug/l	95
52) 1,3-Dichloropropane	10.956	76	39611	18.584	ug/l	100
53) Dibromochloromethane	11.179	129	20787	18.663	ug/l #	1
54) 1,2-Dibromoethane	11.296	107	20598	18.557	ug/l	98
55) 2-Chloroethyl vinyl ether	9.810	63	53262	81.655	ug/l	97
56) Bromoform	12.583	173	13859	18.938	ug/l #	19
58) 4-Methyl-2-Pentanone	10.133	43	243805	89.354	ug/l	99
59) 2-Hexanone	10.133	43	243805	89.354	ug/l #	82
61) Tetrachloroethene	10.867	164	12984	18.437	ug/l	94
62) Toluene	10.327	91	91269	18.289	ug/l	99
64) Chlorobenzene	11.784	112	55402	18.175	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.872	131	18398	18.529	ug/l	91
66) Ethyl Benzene	11.872	91	98778	18.213	ug/l	98
67) m/p-Xylenes	11.996	106	73016	36.216	ug/l	99
68) o-Xylene	12.372	106	36750	17.659	ug/l	98
69) Styrene	12.389	104	67599	18.093	ug/l	95
70) Isopropylbenzene	12.712	105	93410	18.300	ug/l	100
71) 1,1,2,2-Tetrachloroethane	13.000	83	36908	18.428	ug/l	97
72) 1,2,3-Trichloropropane	13.059	75	49505	31.361	ug/l #	1
73) Bromobenzene	13.035	156	21606	18.000	ug/l	56
74) n-propylbenzene	13.100	91	112568	18.289	ug/l	97
75) 2-Chlorotoluene	13.312	91	68644	18.217	ug/l	98
76) 1,3,5-Trimethylbenzene	13.259	105	75855	18.114	ug/l	94
77) t-1,4-Dichloro-2-butene	12.771	75	13402	18.658	ug/l	88
78) 4-Chlorotoluene	13.200	91	68030	18.303	ug/l	93
79) tert-butylbenzene	13.558	119	70986	19.086	ug/l	100
80) 1,2,4-Trimethylbenzene	13.611	105	81071	18.555	ug/l	99
81) sec-Butylbenzene	13.764	105	98904	18.455	ug/l	98
82) p-Isopropyltoluene	13.893	119	81893	18.368	ug/l	98
83) 1,3-Dichlorobenzene	13.893	146	43129	18.321	ug/l	99
84) 1,4-Dichlorobenzene	13.987	146	43478	18.344	ug/l	98
85) n-Butylbenzene	14.263	91	75764	18.568	ug/l	97
86) Hexachloroethane	14.575	117	11213	18.767	ug/l #	1
87) 1,2-Dichlorobenzene	14.316	146	43407	18.458	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	15.021	75	8088	18.381	ug/l	98
89) 1,2,4-Trichlorobenzene	15.809	180	26195	18.297	ug/l	96
90) Hexachlorobutadiene	15.938	225	9156	19.289	ug/l	82
91) Naphthalene	16.103	128	100763	18.209	ug/l	99
92) 1,2,3-Trichlorobenzene	16.338	180	26991	18.678	ug/l	97

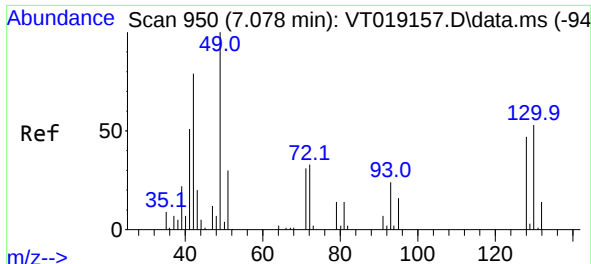
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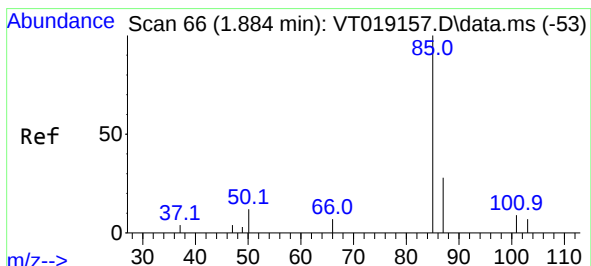
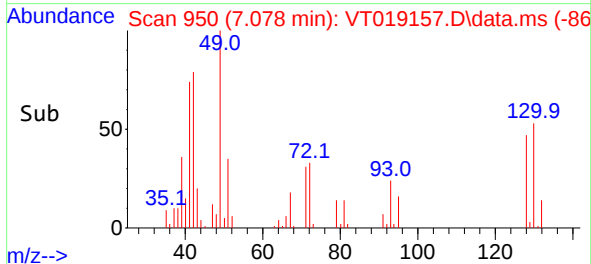
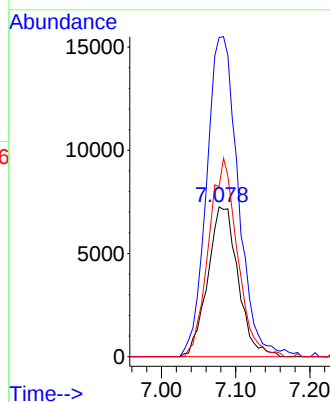
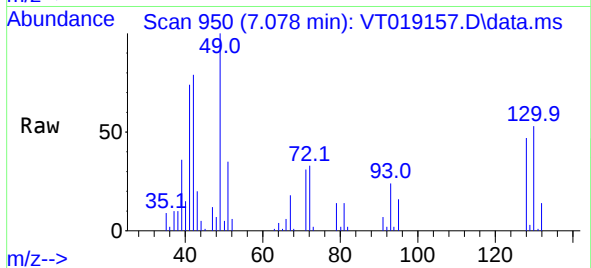




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.078 min Scan# 91
Delta R.T. -0.000 min
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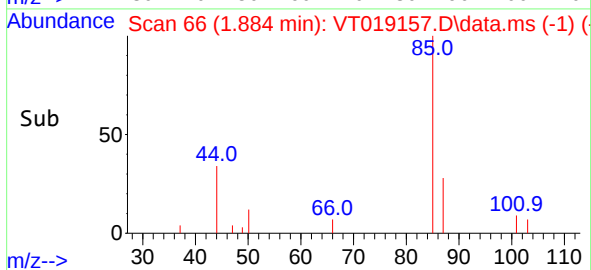
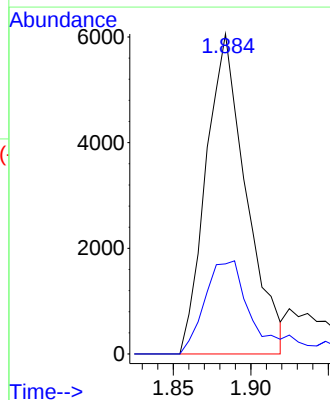
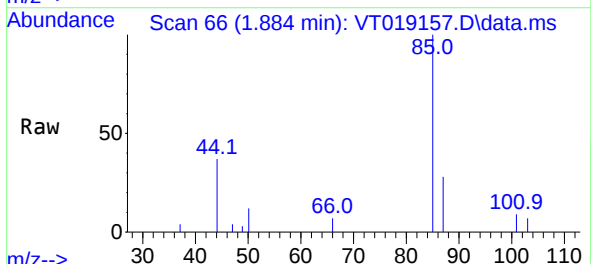
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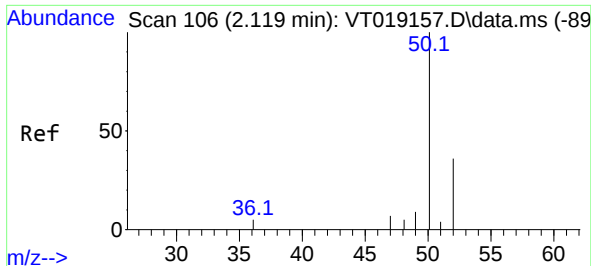
Tgt Ion:128 Resp: 20636
Ion Ratio Lower Upper
128 100
49 221.7 0.0 0.0#
130 125.2 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 15.398 ug/l
RT: 1.884 min Scan# 66
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 85 Resp: 10888
Ion Ratio Lower Upper
85 100
87 28.2 16.4 49.1

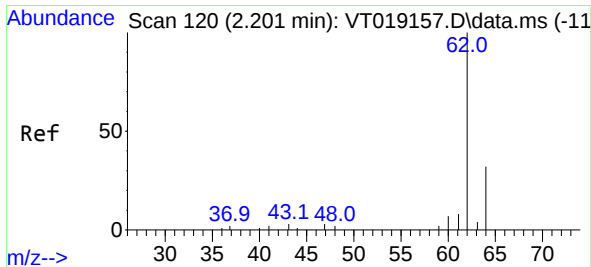
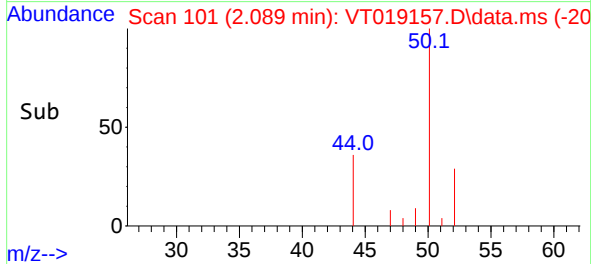
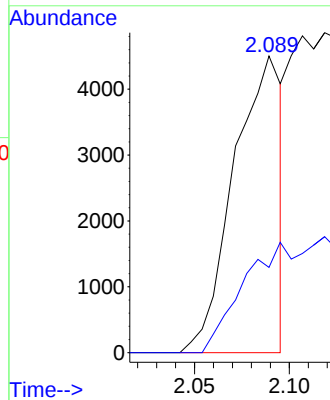
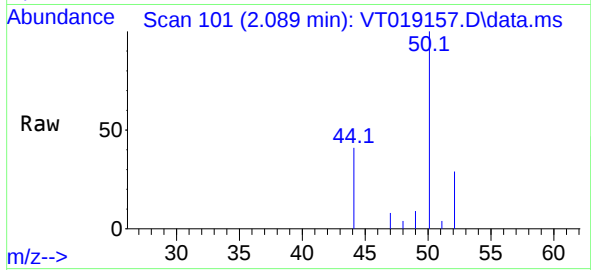




#3
Chloromethane
Concen: 5.918 ug/l
RT: 2.089 min Scan# 10
Delta R.T. -0.024 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

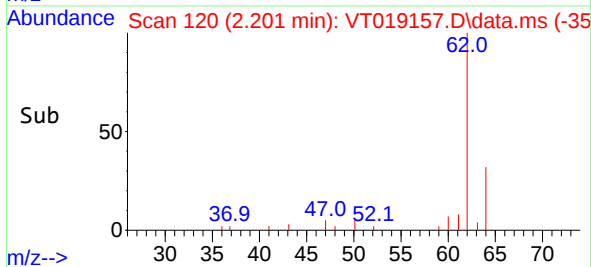
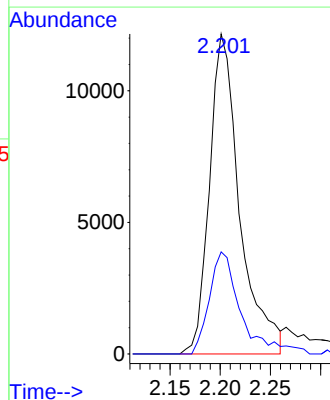
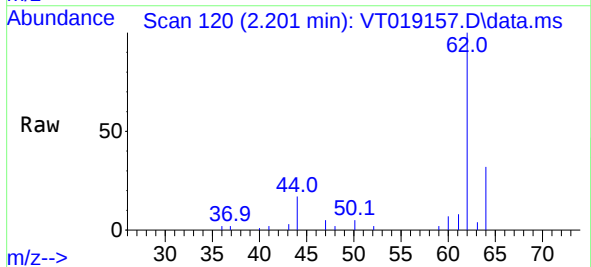
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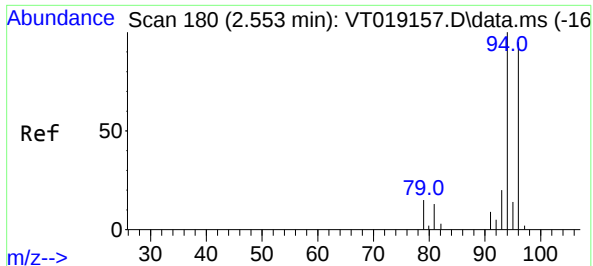
Tgt Ion: 50 Resp: 7934
Ion Ratio Lower Upper
50 100
52 28.8 24.4 36.6



#4
Vinyl Chloride
Concen: 16.738 ug/l
RT: 2.201 min Scan# 120
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

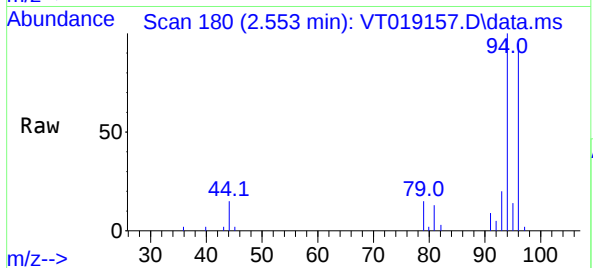
Tgt Ion: 62 Resp: 25412
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5



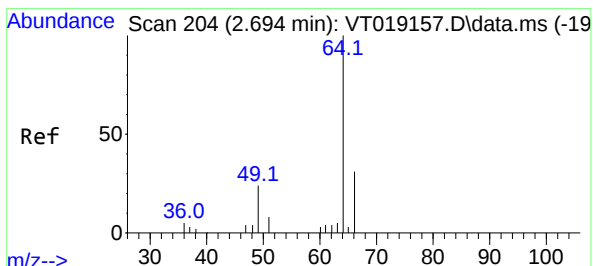
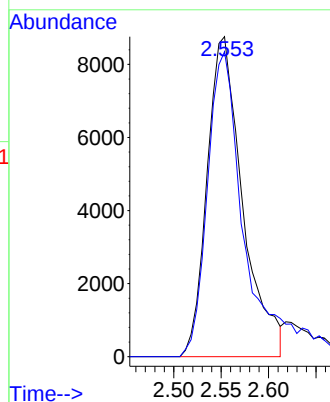
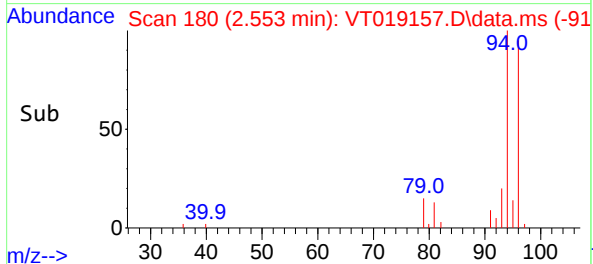


#5
Bromomethane
Concen: 17.171 ug/l
RT: 2.553 min Scan# 180
Delta R.T. 0.023 min
Lab File: VT019157.D
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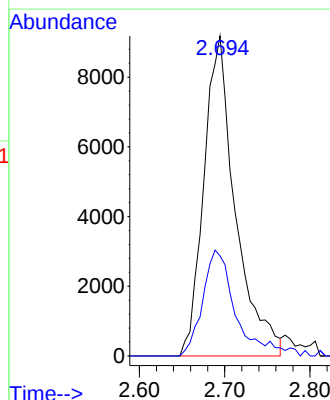
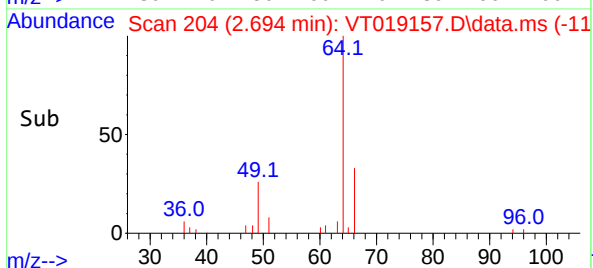
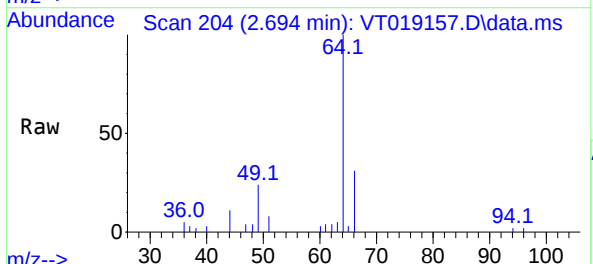


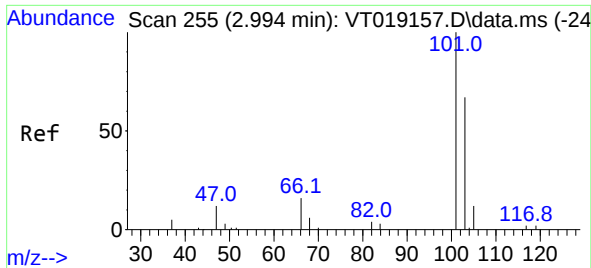
Tgt Ion: 94 Resp: 22830
Ion Ratio Lower Upper
94 100
96 95.3 66.0 99.0



#6
Chloroethane
Concen: 17.988 ug/l
RT: 2.694 min Scan# 204
Delta R.T. 0.017 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 64 Resp: 23644
Ion Ratio Lower Upper
64 100
66 31.2 24.3 36.5

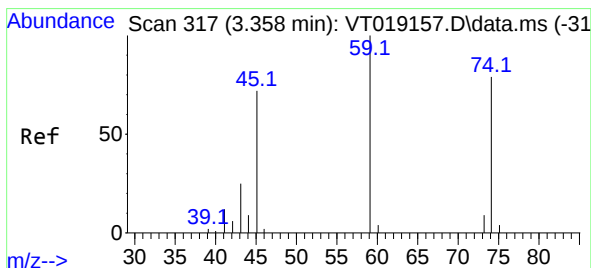
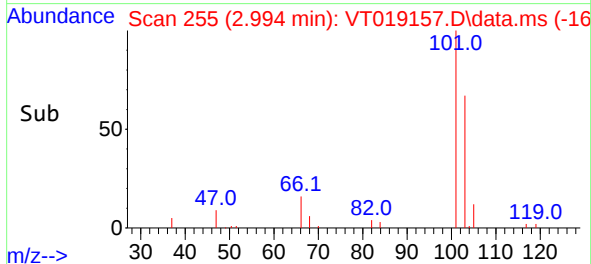
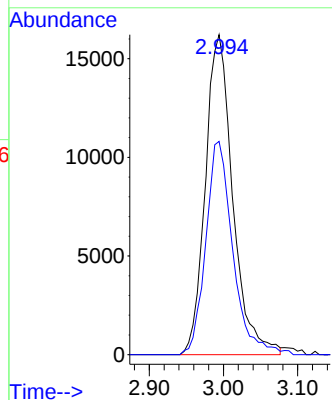
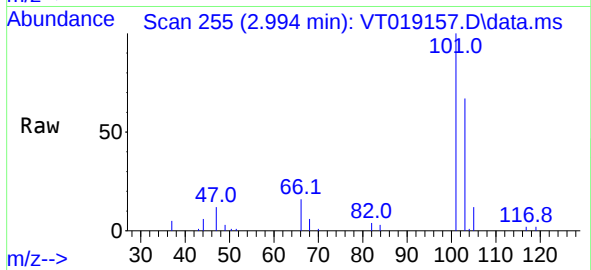




#7
 Trichlorofluoromethane
 Concen: 17.683 ug/l
 RT: 2.994 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VT019157.D
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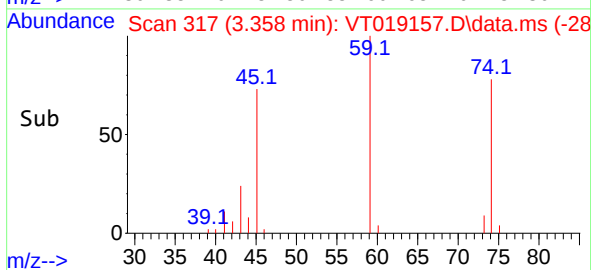
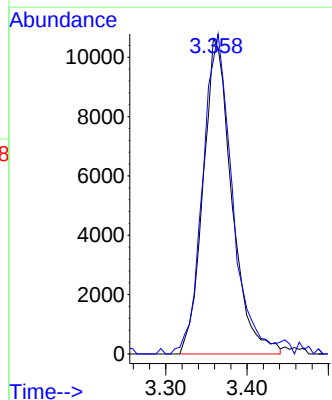
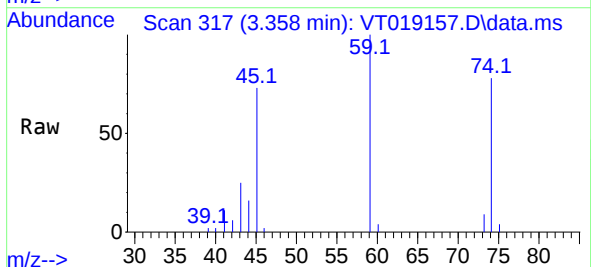
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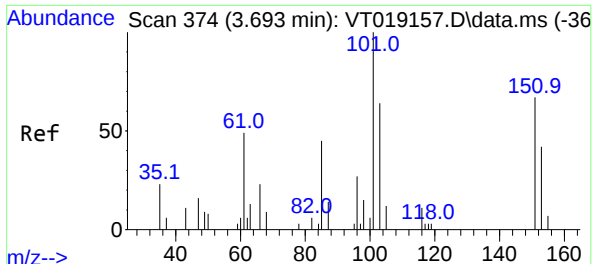
Tgt Ion:101 Resp: 41663
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.4 78.6



#8
 Diethyl Ether
 Concen: 17.976 ug/l
 RT: 3.358 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VT019157.D
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Tgt Ion: 74 Resp: 26077
 Ion Ratio Lower Upper
 74 100
 45 104.5 22.0 197.6

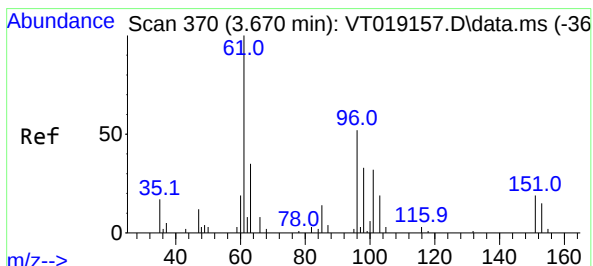
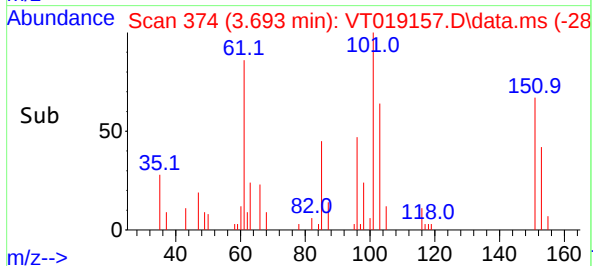
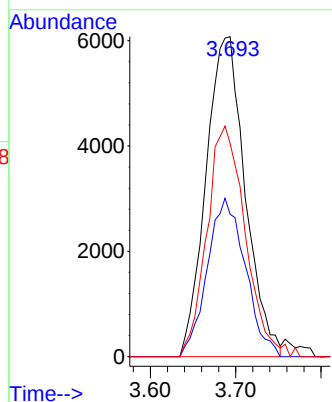
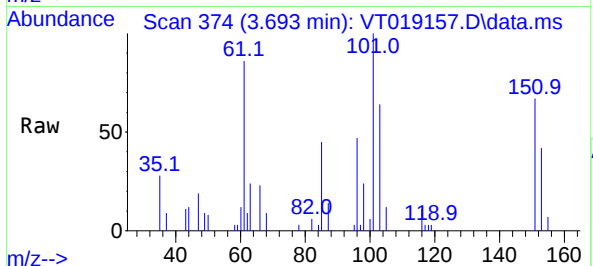




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.964 ug/l
RT: 3.693 min Scan# 31
Delta R.T. 0.011 min
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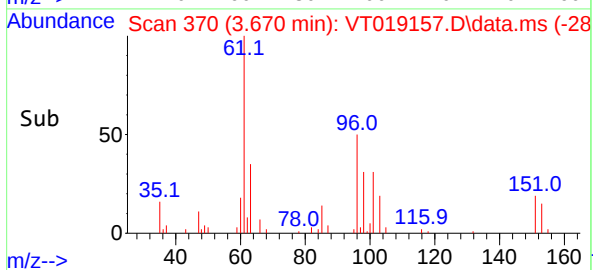
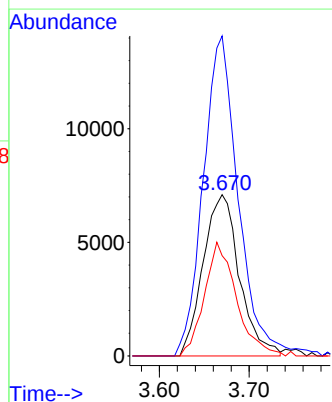
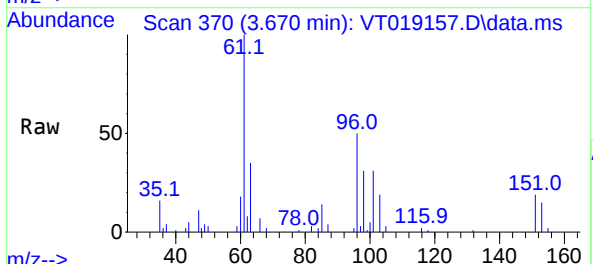
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ClientSampleId :
VSTDICCC020

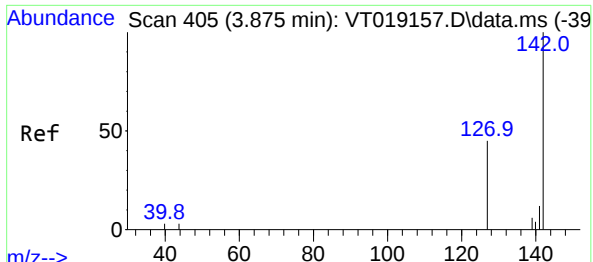
Tgt Ion:101 Resp: 19393
Ion Ratio Lower Upper
101 100
85 48.0 0.0 91.8
151 70.0 0.0 137.2



#10
1,1-Dichloroethene
Concen: 21.482 ug/l
RT: 3.670 min Scan# 370
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

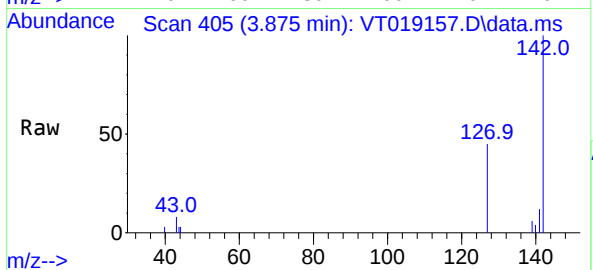
Tgt Ion: 96 Resp: 19907
Ion Ratio Lower Upper
96 100
61 191.3 145.5 218.3
98 62.2 49.5 74.3



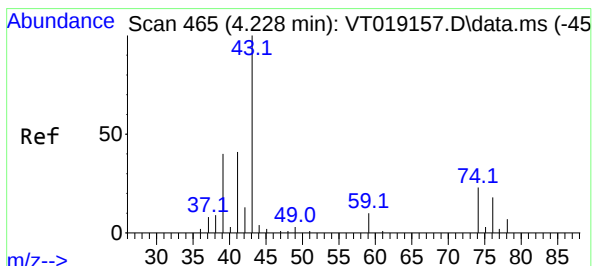
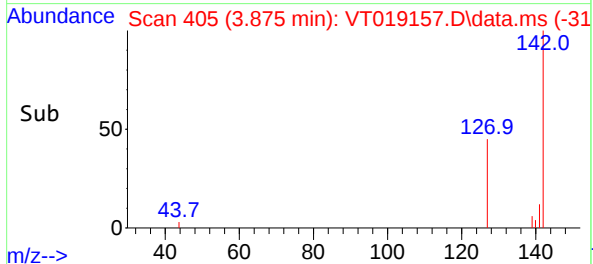
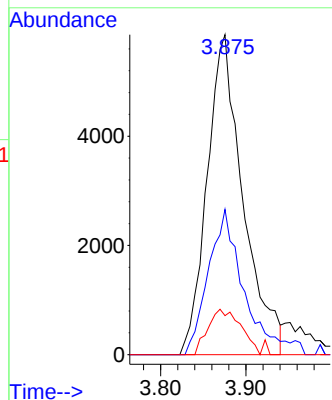


#11
Methyl Iodide
Concen: 18.570 ug/l
RT: 3.875 min Scan# 405
Delta R.T. 0.005 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

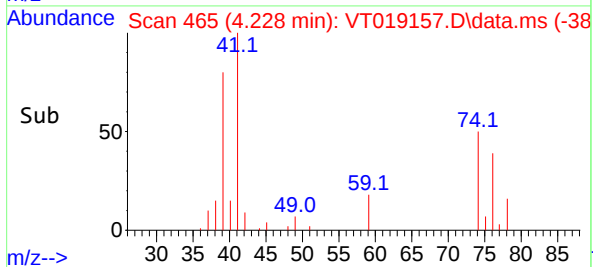
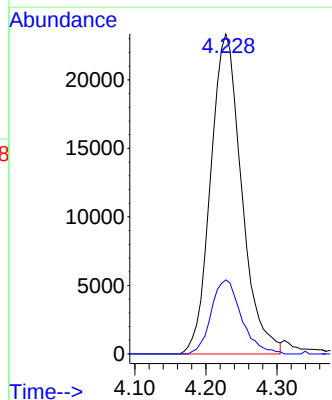
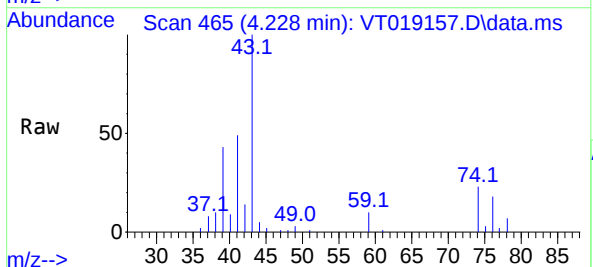


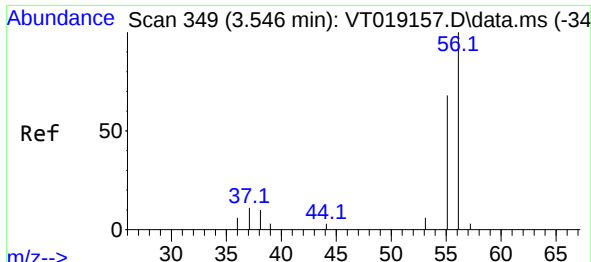
Tgt Ion:142 Resp: 17194
Ion Ratio Lower Upper
142 100
127 45.4 0.9 2.8#
141 12.8 55.5 166.5#



#12
Methyl Acetate
Concen: 19.276 ug/l
RT: 4.228 min Scan# 465
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 43 Resp: 70635
Ion Ratio Lower Upper
43 100
74 23.2 18.4 27.6

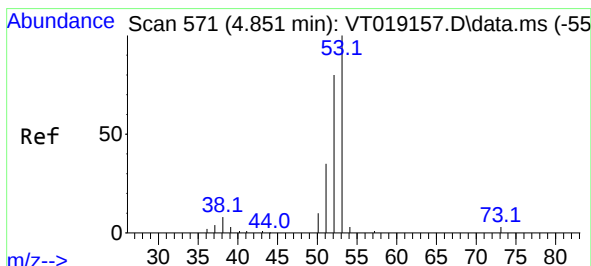
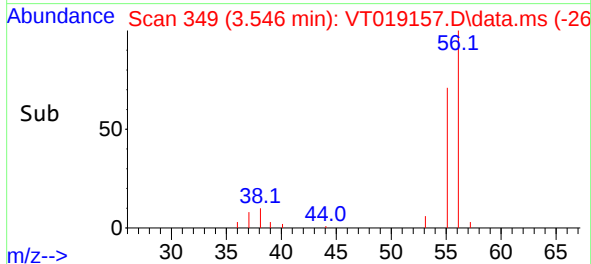
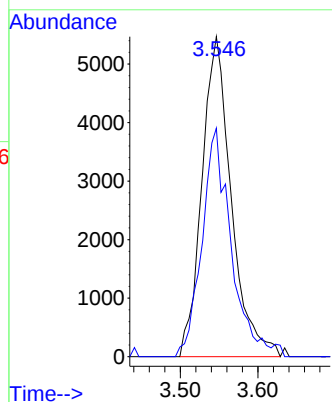
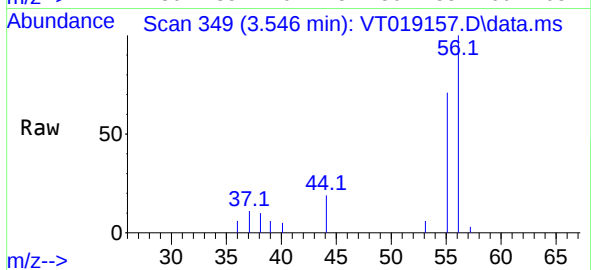




#13
Acrolein
Concen: 116.151 ug/l
RT: 3.546 min Scan# 349
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

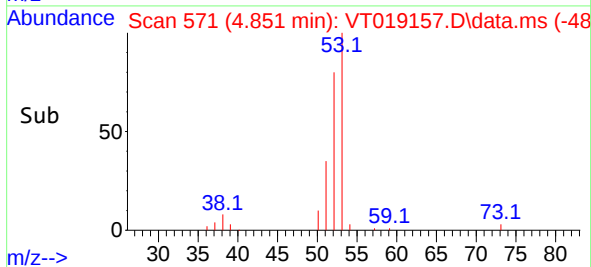
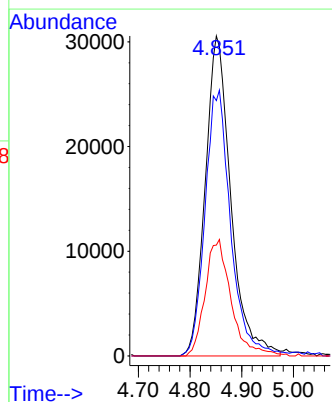
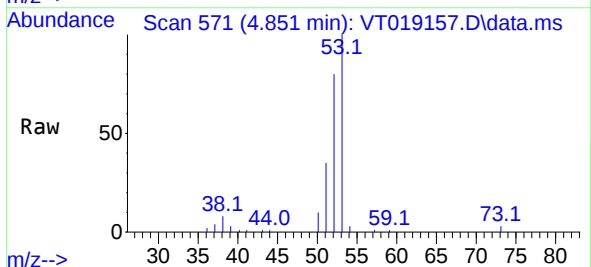
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

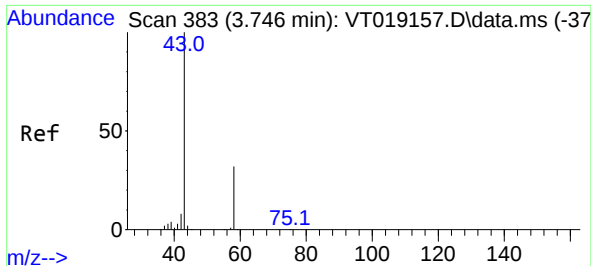
Tgt Ion: 56 Resp: 14355
Ion Ratio Lower Upper
56 100
55 68.5 56.8 85.2



#14
Acrylonitrile
Concen: 92.895 ug/l
RT: 4.851 min Scan# 571
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 53 Resp: 104924
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.7
51 36.8 17.2 51.5

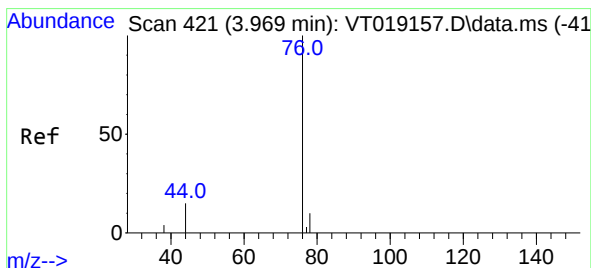
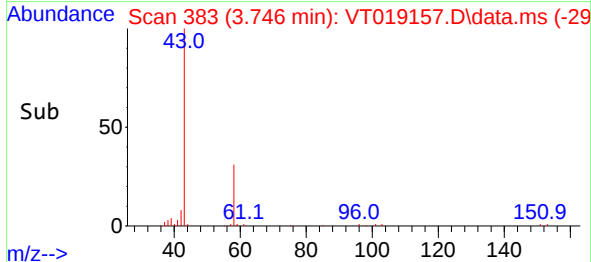
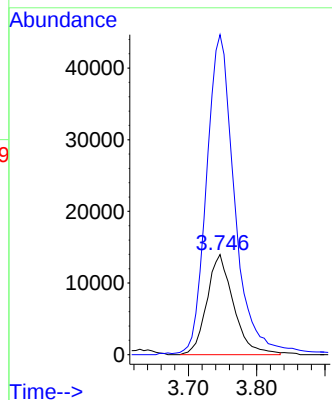
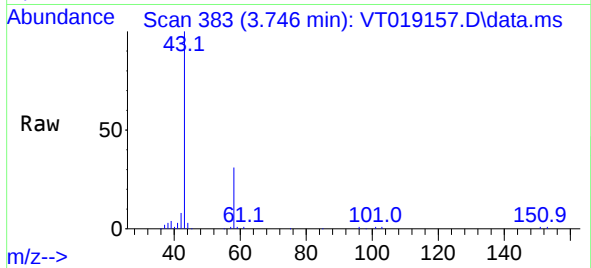




#15
Acetone
Concen: 94.379 ug/l
RT: 3.746 min Scan# 383
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

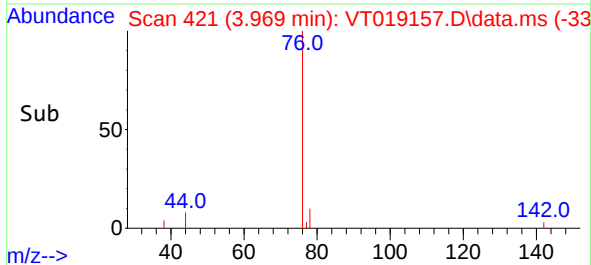
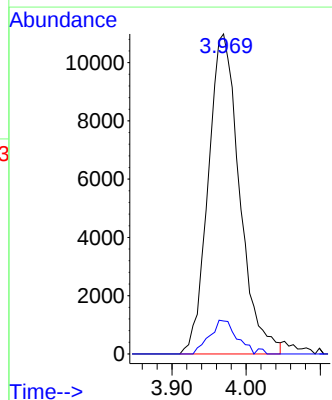
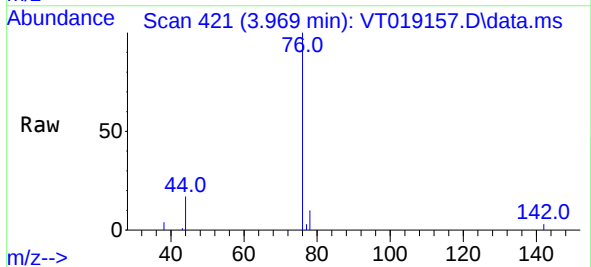
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

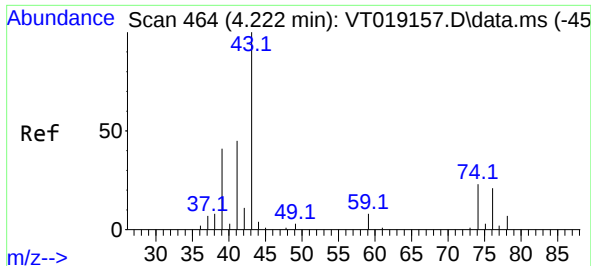
Tgt Ion: 58 Resp: 37980
Ion Ratio Lower Upper
58 100
43 317.2 266.9 400.3



#16
Carbon Disulfide
Concen: 18.628 ug/l
RT: 3.969 min Scan# 421
Delta R.T. 0.005 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 76 Resp: 32240
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7





#17

Allyl chloride

Concen: 17.559 ug/l

RT: 4.222 min Scan# 4

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC020

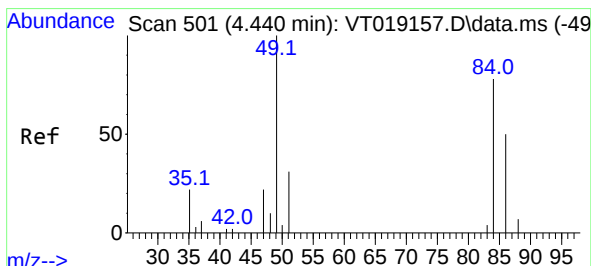
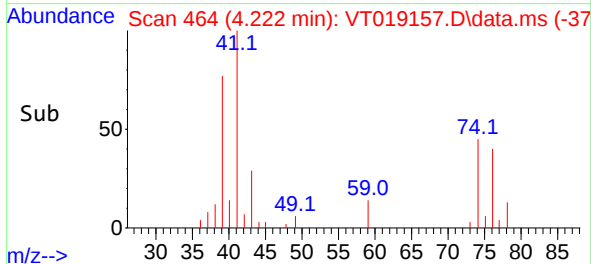
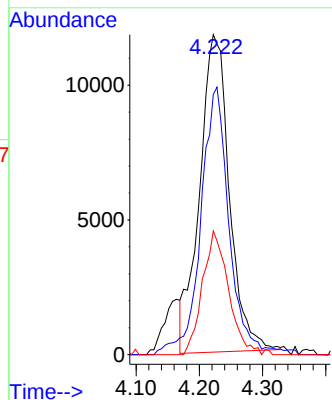
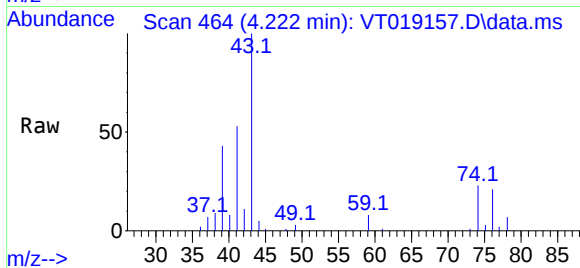
Tgt Ion: 41 Resp: 38679

Ion Ratio Lower Upper

41 100

39 81.4 34.3 102.8

76 39.6 16.7 50.0



#18

Methylene Chloride

Concen: 18.626 ug/l

RT: 4.440 min Scan# 501

Delta R.T. 0.012 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Tgt Ion: 84 Resp: 25743

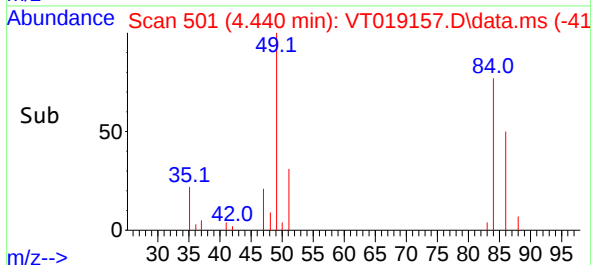
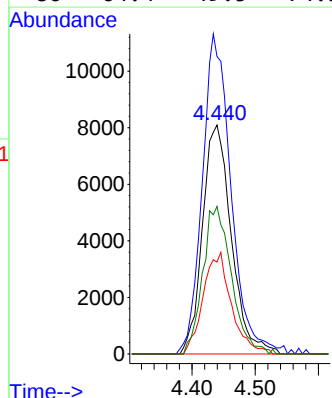
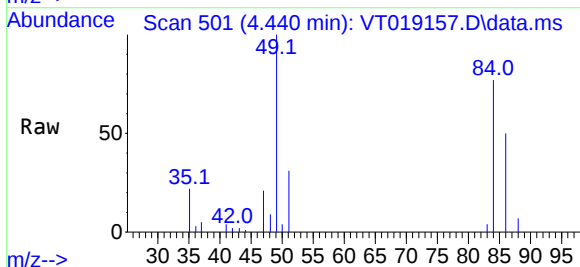
Ion Ratio Lower Upper

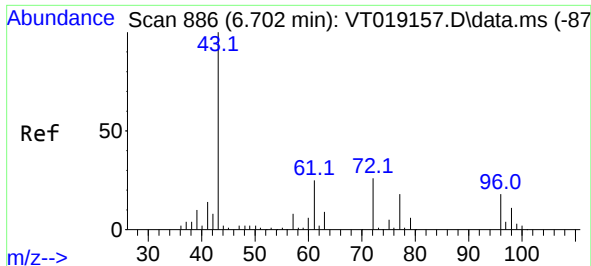
84 100

49 127.7 107.9 161.9

51 40.1 33.4 50.2

86 64.4 49.5 74.3

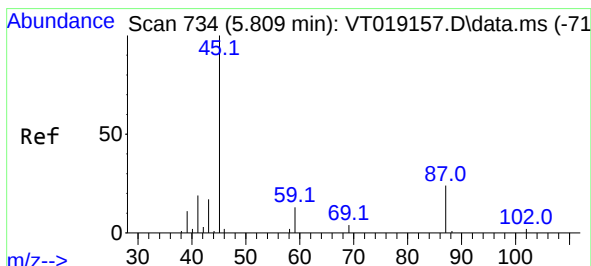
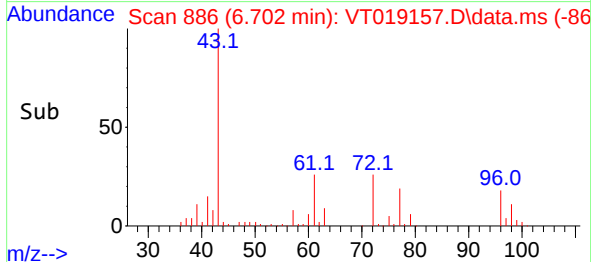
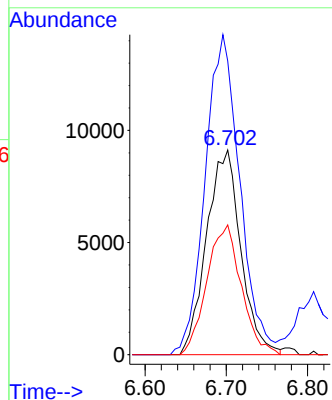
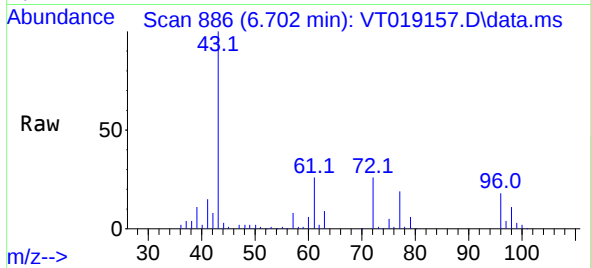




#19
trans-1,2-Dichloroethene
Concen: 18.789 ug/l
RT: 6.702 min Scan# 886
Delta R.T. 0.012 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

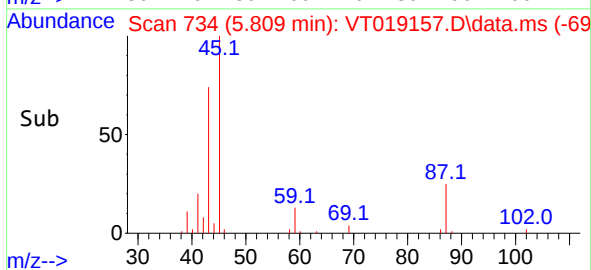
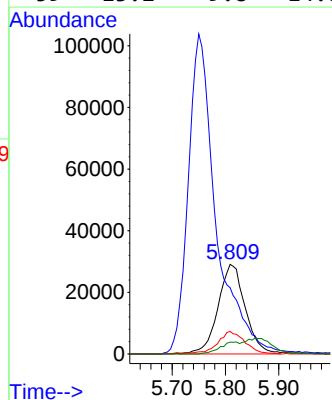
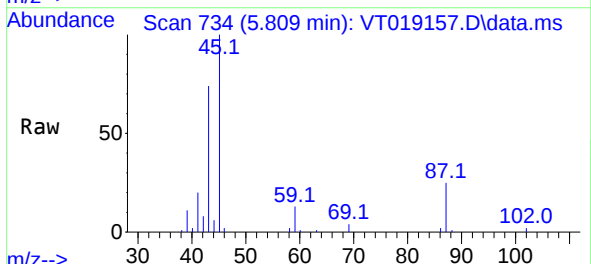
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

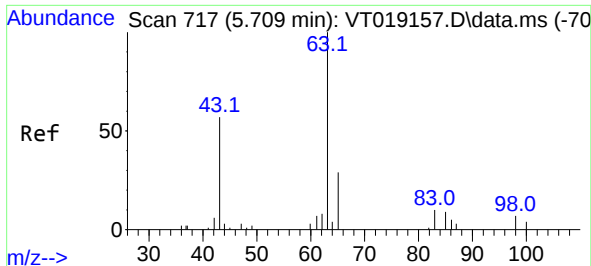
Tgt Ion: 96 Resp: 26788
Ion Ratio Lower Upper
96 100
61 139.8 122.3 183.5
98 63.4 50.2 75.2



#20
Diisopropyl ether
Concen: 18.287 ug/l
RT: 5.809 min Scan# 734
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 45 Resp: 102545
Ion Ratio Lower Upper
45 100
43 70.0 89.1 133.7#
87 25.2 21.3 31.9
59 13.2 9.8 14.8

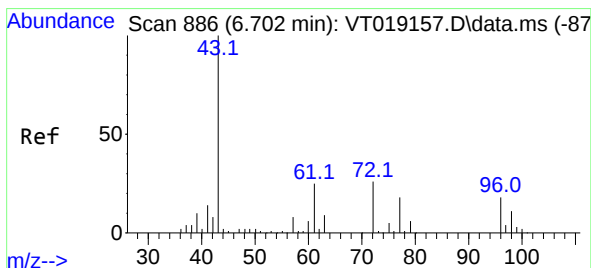
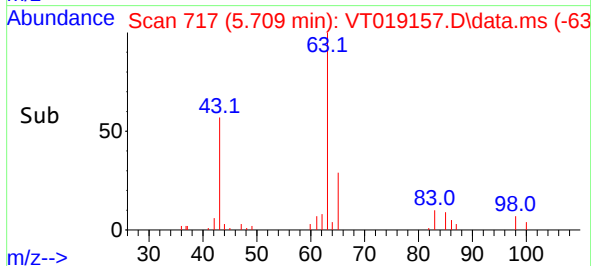
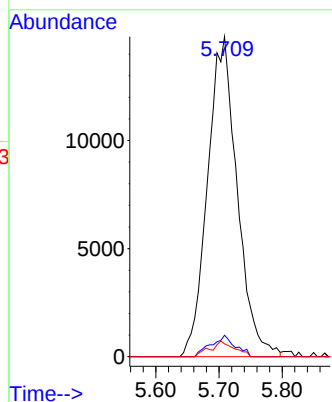
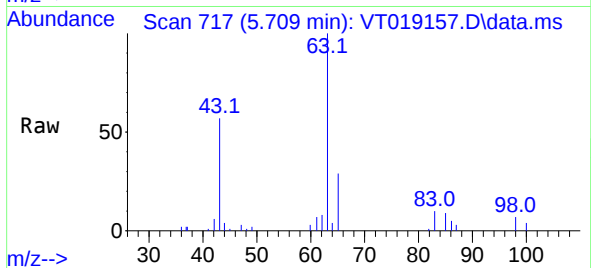




#21
1,1-Dichloroethane
Concen: 18.400 ug/l
RT: 5.709 min Scan# 717
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

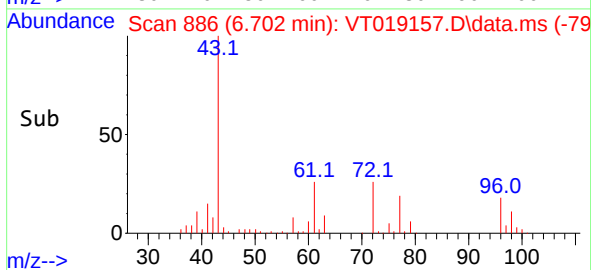
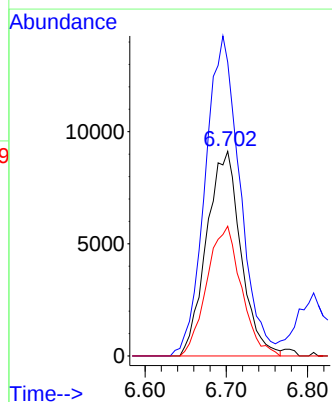
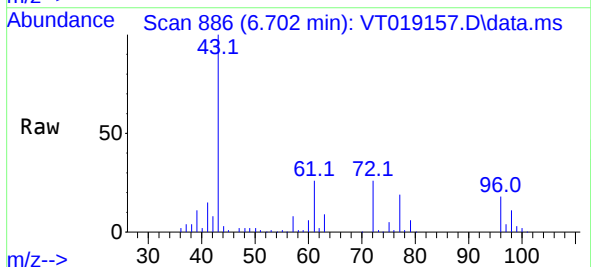
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

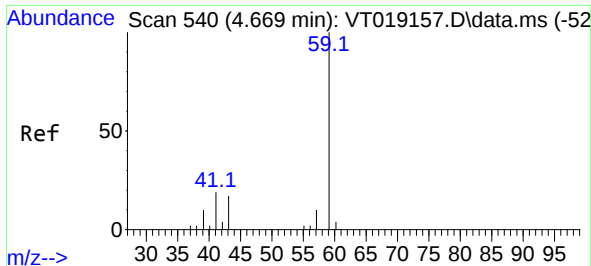
Tgt Ion: 63 Resp: 48213
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.5
100 4.0 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 18.789 ug/l
RT: 6.702 min Scan# 886
Delta R.T. 0.012 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 96 Resp: 26788
Ion Ratio Lower Upper
96 100
61 157.8 120.0 180.0
98 63.6 52.8 79.2

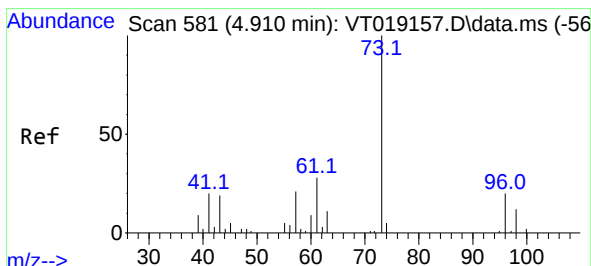
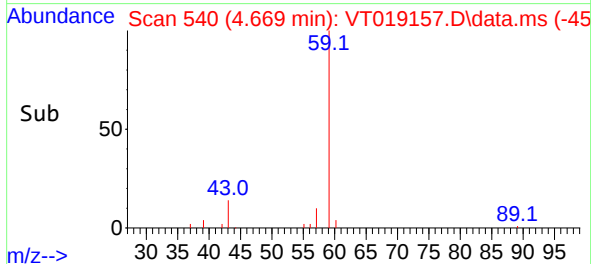
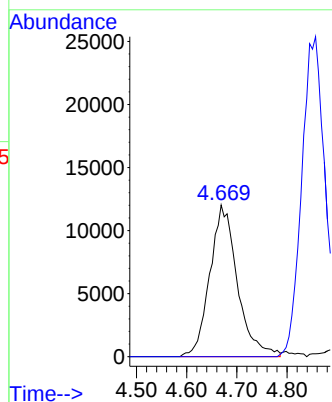
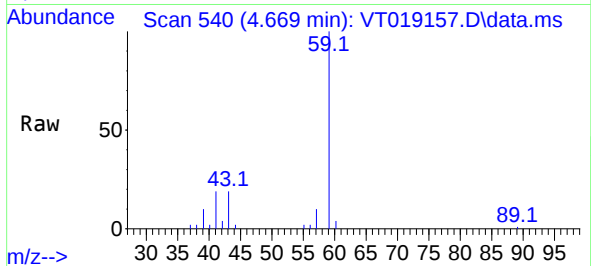




#23
tert-Butyl Alcohol
Concen: 92.928 ug/l
RT: 4.669 min Scan# 540
Delta R.T. -0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

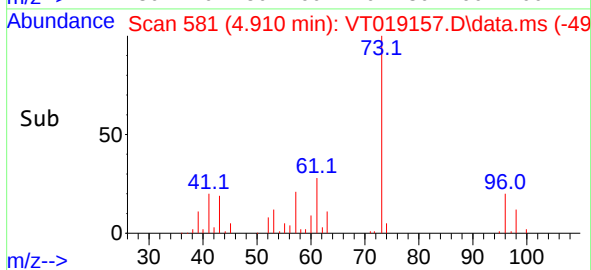
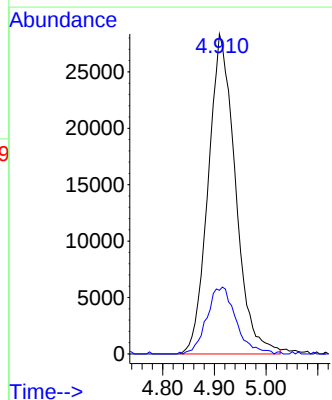
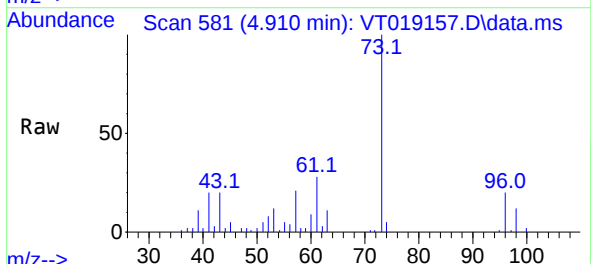
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

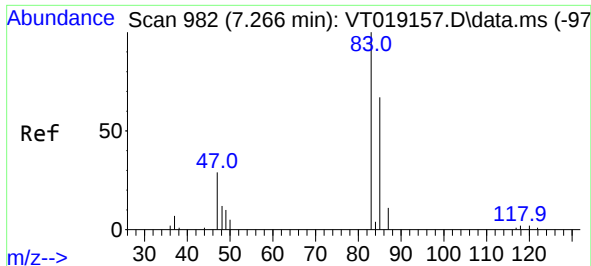
Tgt Ion: 59 Resp: 45985
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 18.608 ug/l
RT: 4.910 min Scan# 581
Delta R.T. -0.011 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 73 Resp: 103719
Ion Ratio Lower Upper
73 100
43 22.1 16.9 25.3

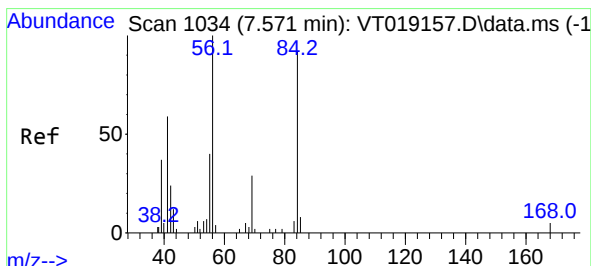
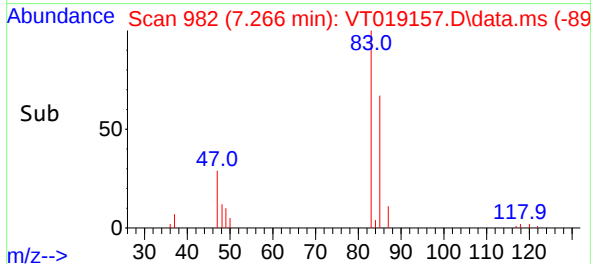
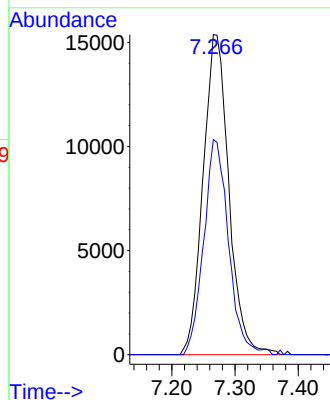
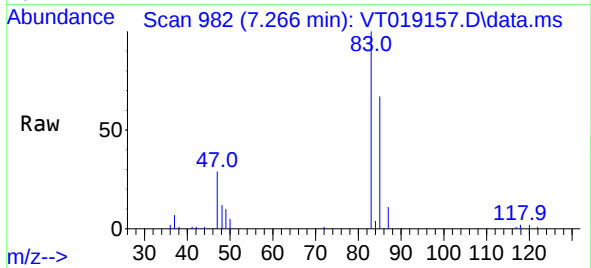




#25
Chloroform
Concen: 18.190 ug/l
RT: 7.266 min Scan# 91
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

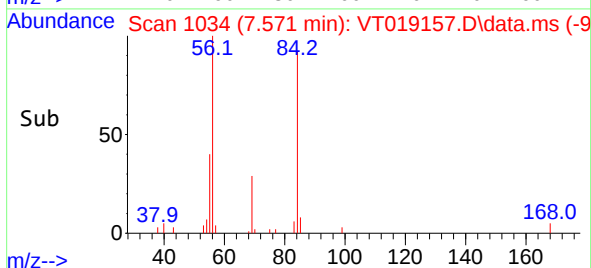
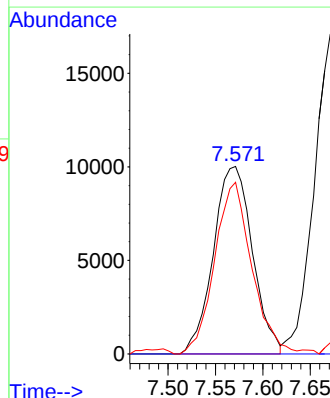
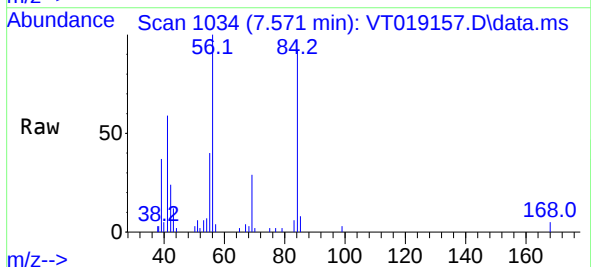
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

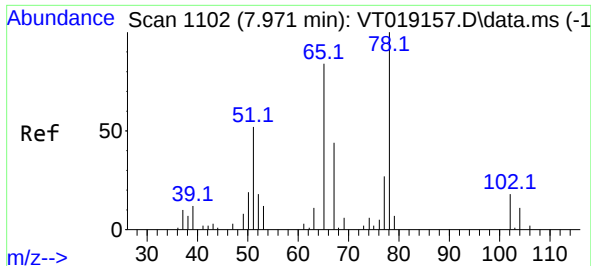
Tgt Ion: 83 Resp: 43599
Ion Ratio Lower Upper
83 100
85 67.2 48.0 72.0



#26
Cyclohexane
Concen: 18.690 ug/l
RT: 7.571 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 56 Resp: 28738
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.8 67.9 101.9

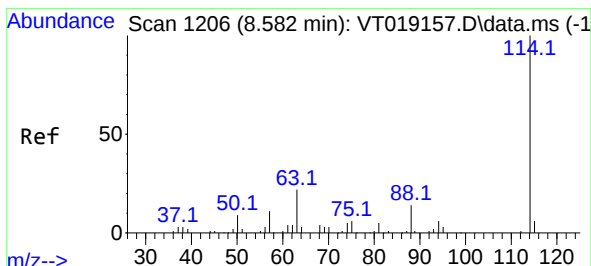
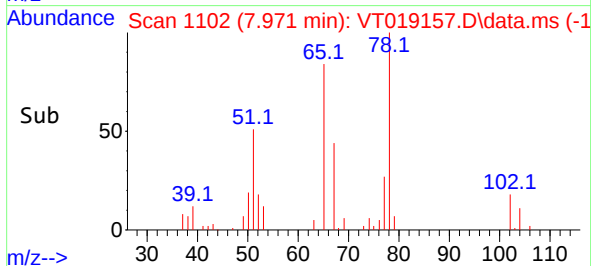
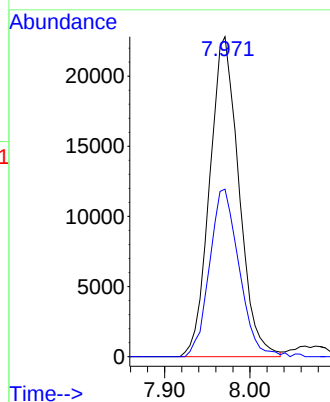
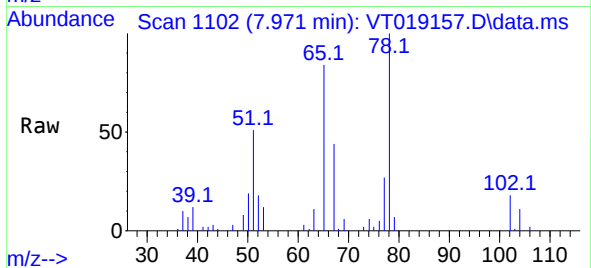




#27
 1,2-Dichloroethane-d4
 Concen: 30.056 ug/l
 RT: 7.971 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VT019157.D
 Acq: 22 Oct 2025 14:34

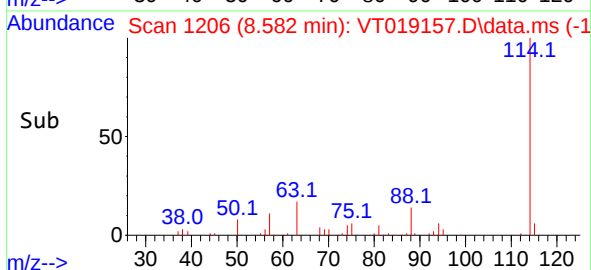
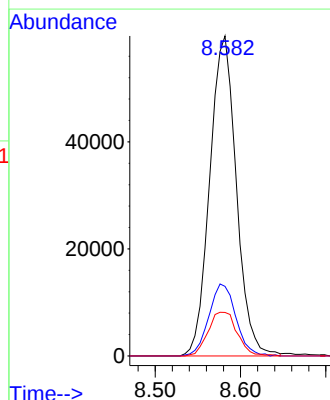
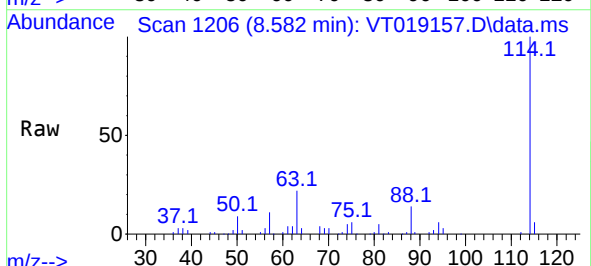
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC020

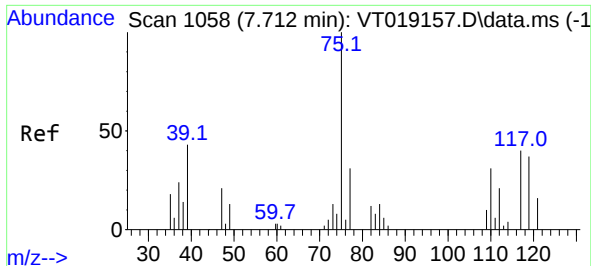
Tgt Ion: 65 Resp: 54340
 Ion Ratio Lower Upper
 65 100
 67 53.0 40.7 61.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.582 min Scan# 1206
 Delta R.T. 0.006 min
 Lab File: VT019157.D
 Acq: 22 Oct 2025 14:34

Tgt Ion: 114 Resp: 129603
 Ion Ratio Lower Upper
 114 100
 63 22.9 17.4 26.0
 88 14.9 13.0 19.6

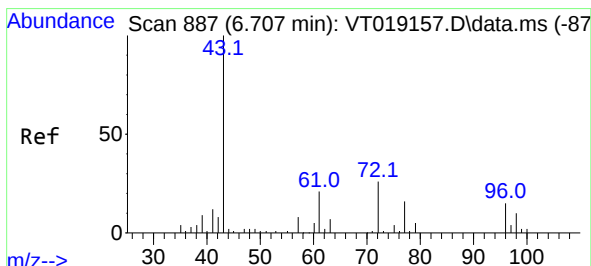
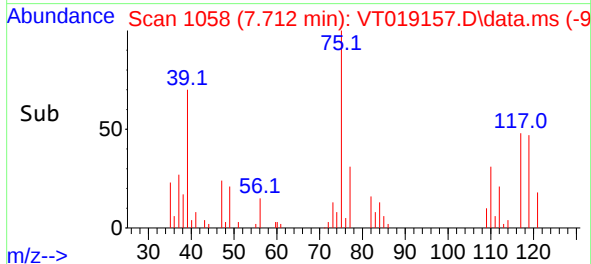
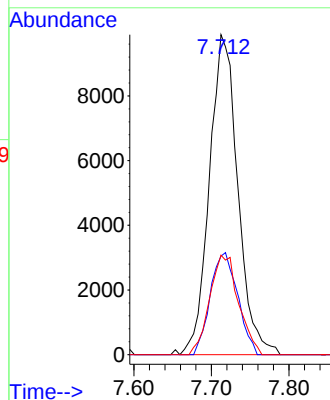
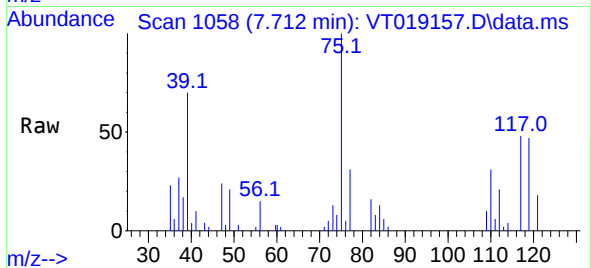




#29
1,1-Dichloropropene
Concen: 18.588 ug/l
RT: 7.712 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

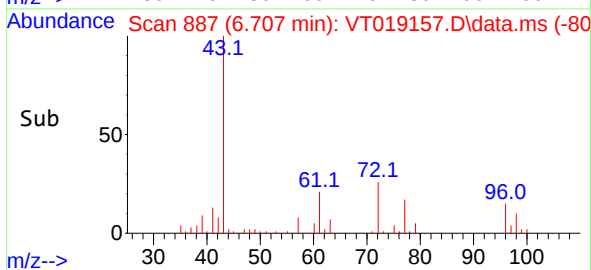
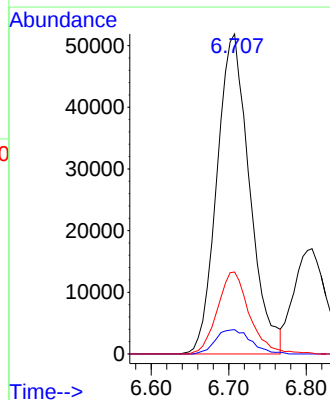
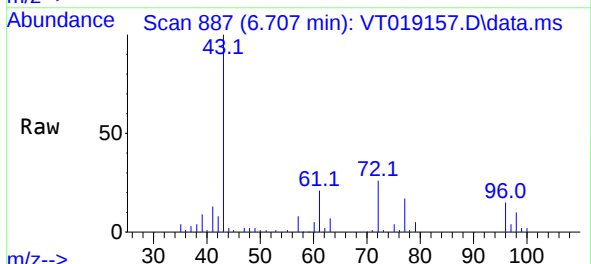
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

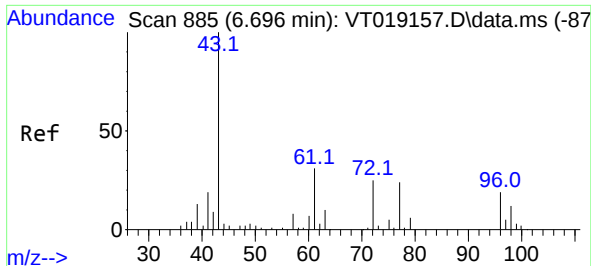
Tgt Ion: 75 Resp: 25209
Ion Ratio Lower Upper
75 100
110 30.7 0.0 70.8
77 31.6 0.0 61.6



#30
2-Butanone
Concen: 90.833 ug/l
RT: 6.707 min Scan# 887
Delta R.T. 0.005 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 43 Resp: 151836
Ion Ratio Lower Upper
43 100
57 8.1 5.9 8.9
72 25.2 20.2 30.2

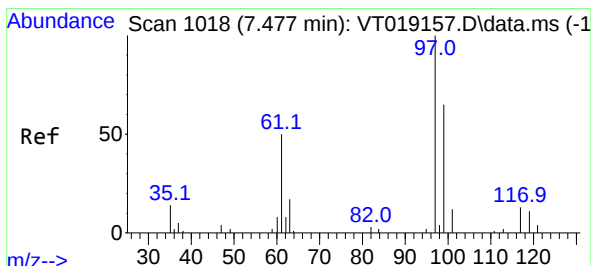
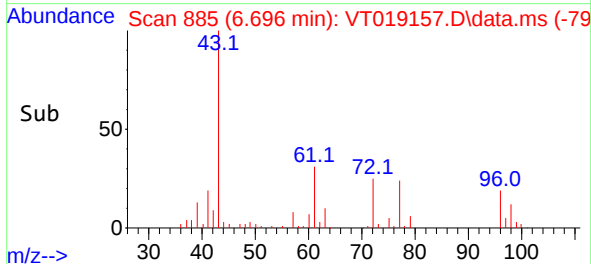
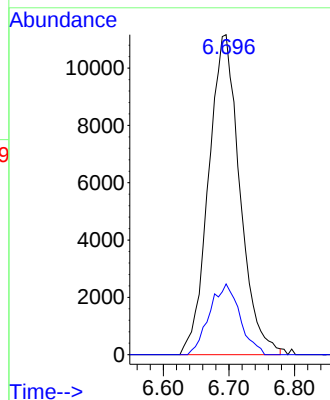
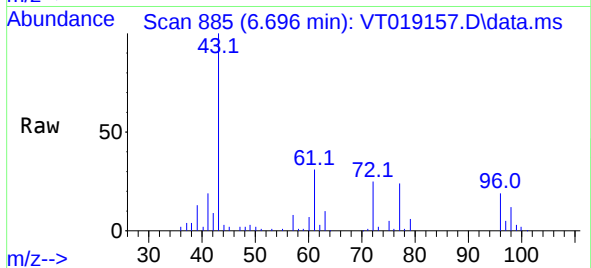




#31
2,2-Dichloropropane
Concen: 18.616 ug/l
RT: 6.696 min Scan# 885
Delta R.T. 0.012 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

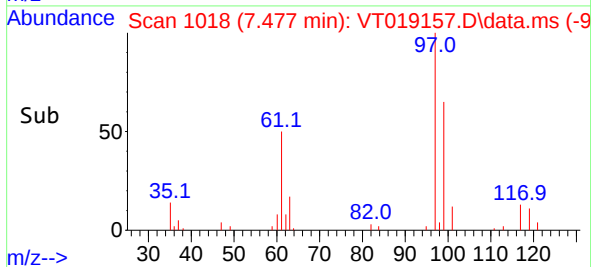
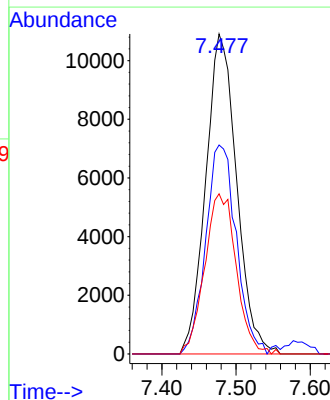
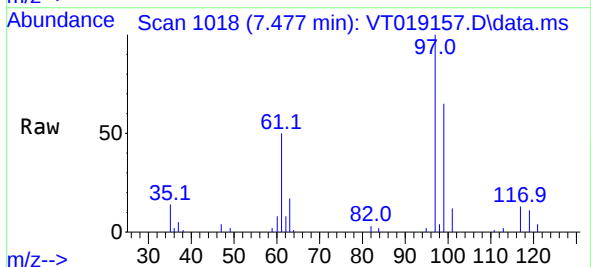
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

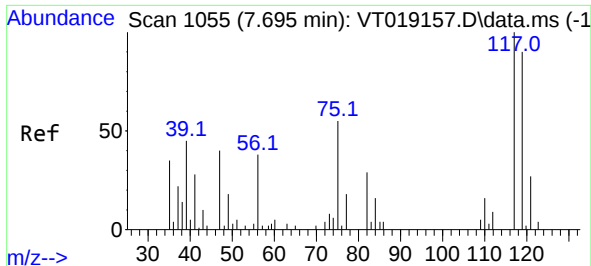
Tgt Ion: 77 Resp: 36964
Ion Ratio Lower Upper
77 100
97 13.1 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 18.446 ug/l
RT: 7.477 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 97 Resp: 31516
Ion Ratio Lower Upper
97 100
99 64.7 30.0 45.0#
61 50.8 36.1 54.1

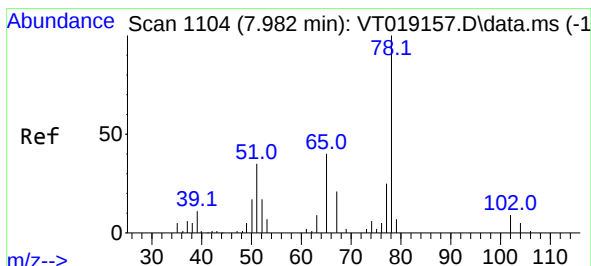
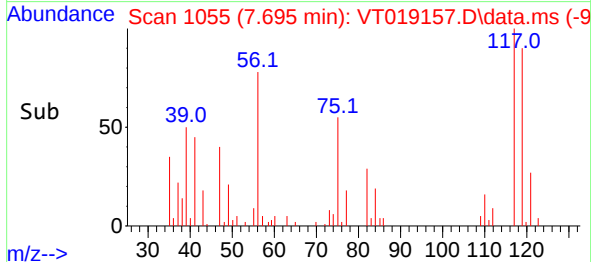
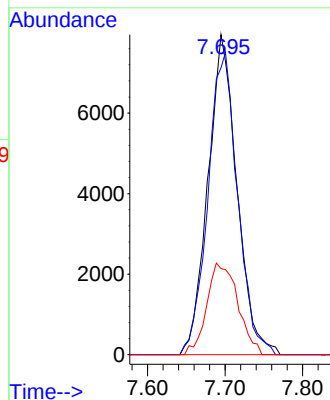
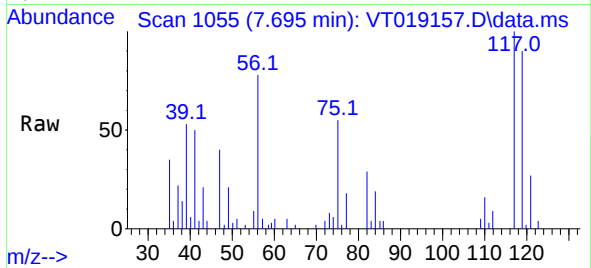




#33
Carbon Tetrachloride
Concen: 18.869 ug/l
RT: 7.695 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

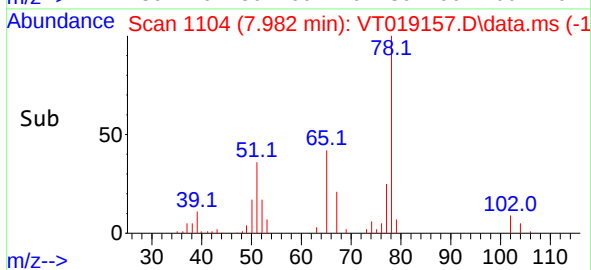
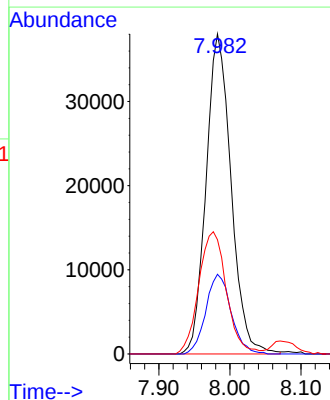
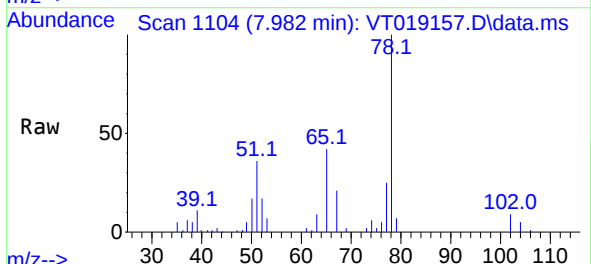
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

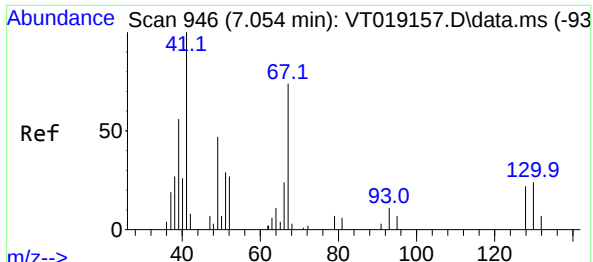
Tgt Ion:117 Resp: 20656
Ion Ratio Lower Upper
117 100
119 89.7 76.5 114.7
121 26.9 0.5 0.7#



#34
Benzene
Concen: 18.505 ug/l
RT: 7.982 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 78 Resp: 92975
Ion Ratio Lower Upper
78 100
77 24.9 17.6 26.4
51 34.8 13.8 20.6#



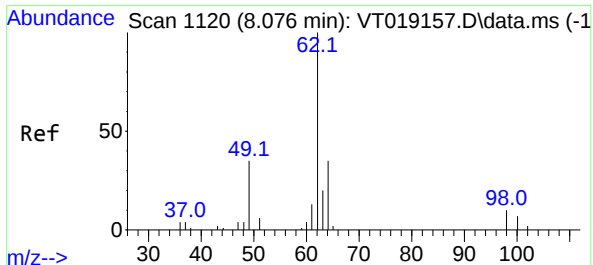
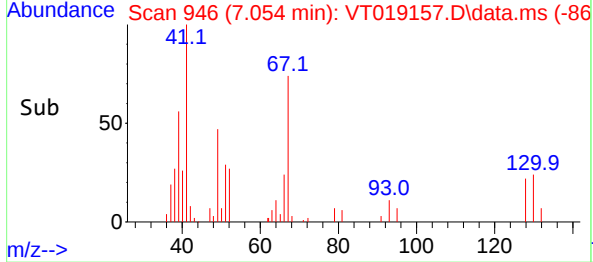
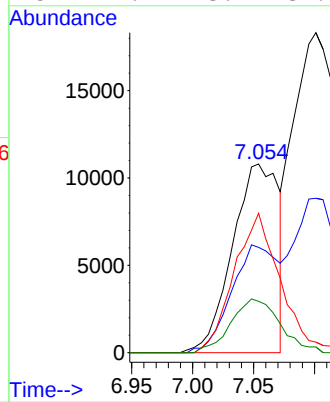
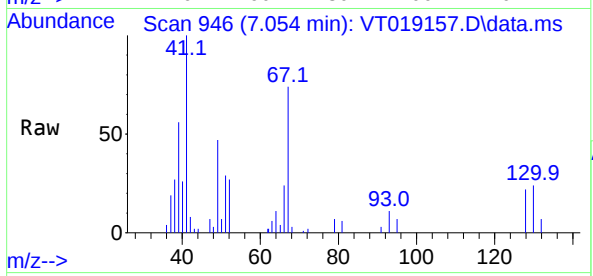


#35
Methacrylonitrile
Concen: 19.977 ug/l
RT: 7.054 min Scan# 946
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 28423

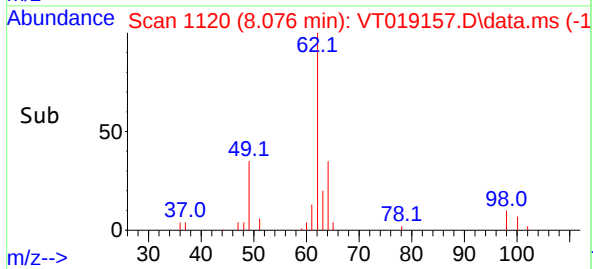
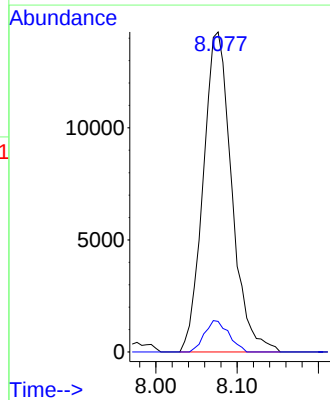
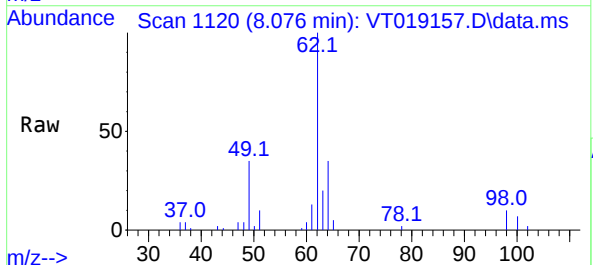
Ion	Ratio	Lower	Upper
41	100		
39	55.8	26.2	78.5
67	74.0	31.4	94.3
52	27.2	13.2	39.5

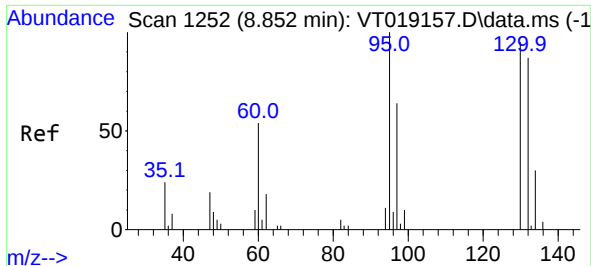


#36
1,2-Dichloroethane
Concen: 18.673 ug/l
RT: 8.076 min Scan# 1120
Delta R.T. 0.005 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 62 Resp: 34780

Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.7	10.1





#37

Trichloroethene

Concen: 18.371 ug/l

RT: 8.852 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Instrument :

MSVOA_T

ClientSampleId :

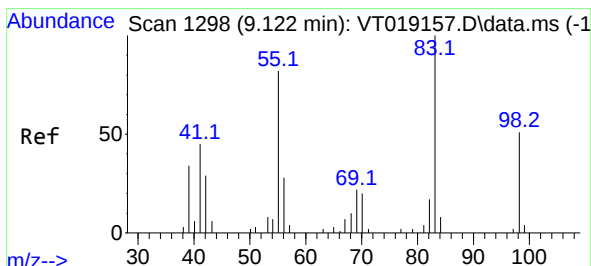
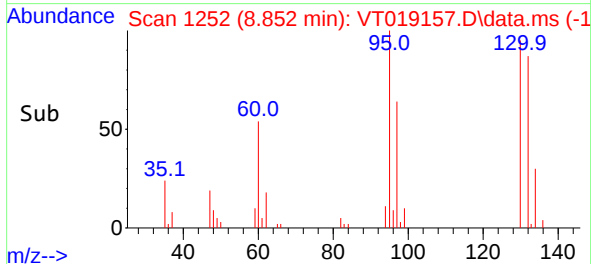
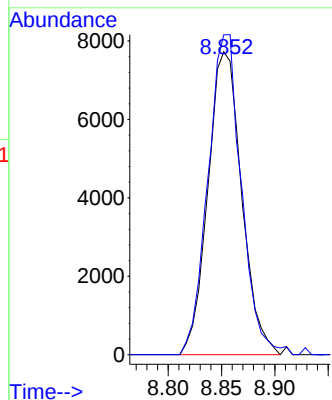
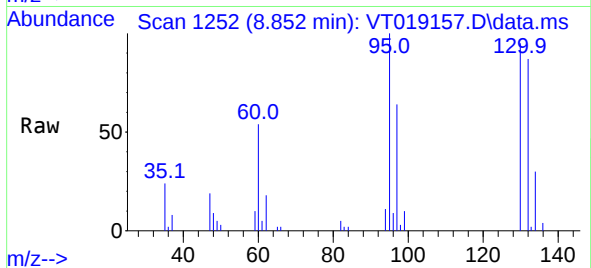
VSTDICCC020

Tgt Ion:130 Resp: 16981

Ion Ratio Lower Upper

130 100

95 105.6 79.4 119.2



#38

Methylcyclohexane

Concen: 18.712 ug/l

RT: 9.122 min Scan# 1298

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

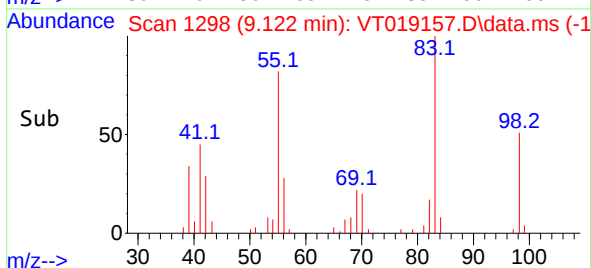
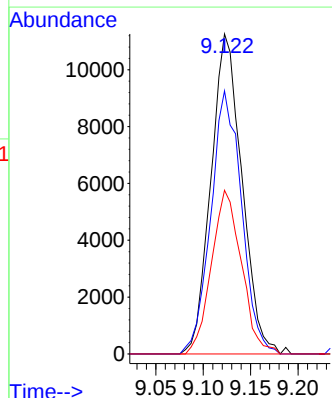
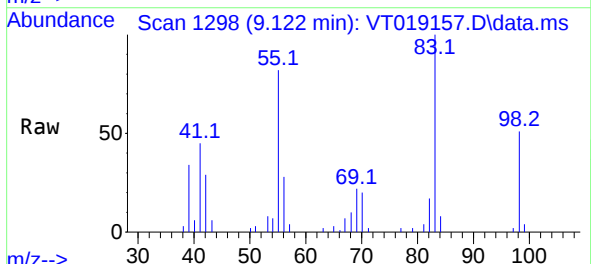
Tgt Ion: 83 Resp: 25555

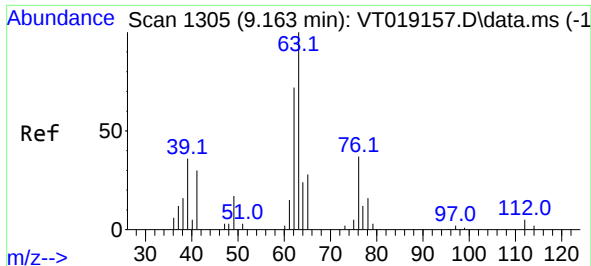
Ion Ratio Lower Upper

83 100

55 81.7 40.3 120.8

98 49.6 24.3 72.9

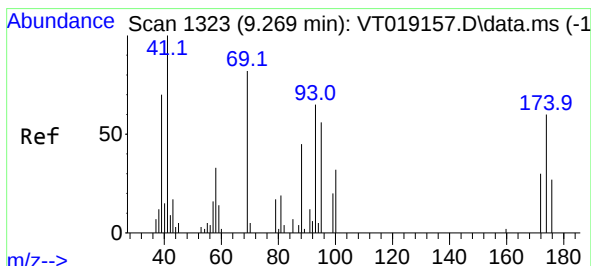
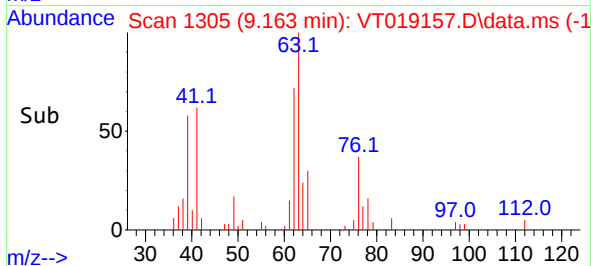
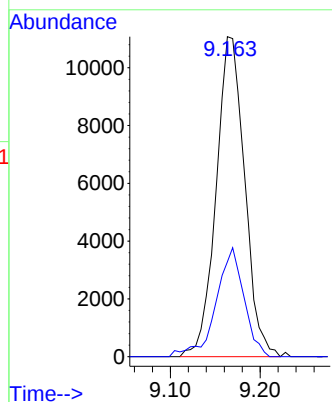
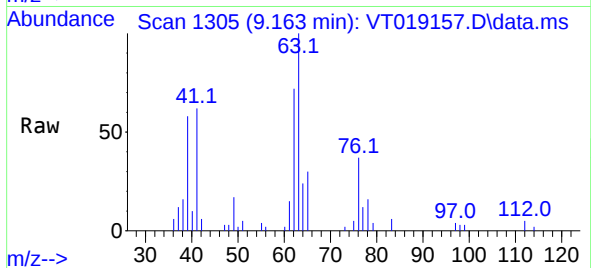




#39
1,2-Dichloropropane
Concen: 18.580 ug/l
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

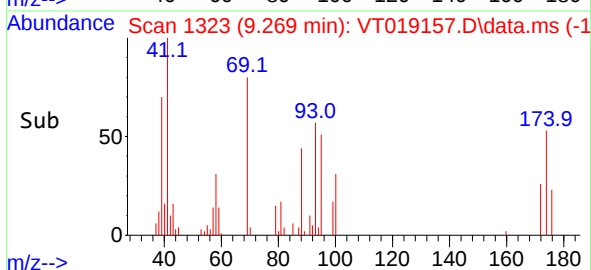
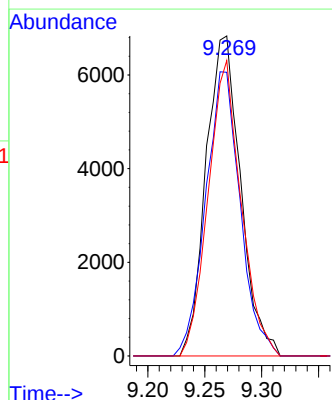
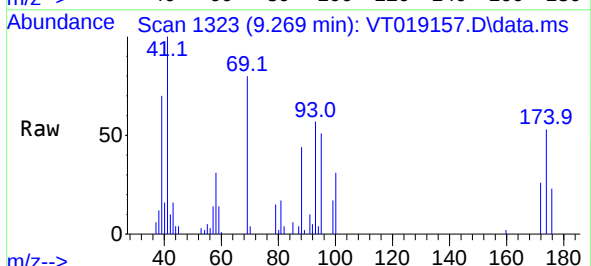
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

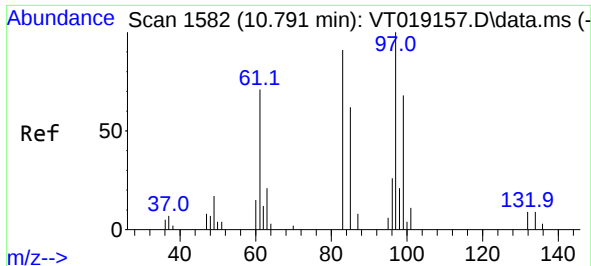
Tgt Ion: 63 Resp: 24449
Ion Ratio Lower Upper
63 100
65 29.6 19.8 29.6#



#40
Dibromomethane
Concen: 17.825 ug/l
RT: 9.269 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 93 Resp: 14463
Ion Ratio Lower Upper
93 100
95 88.5 0.0 166.2
174 87.5 0.0 26.4#

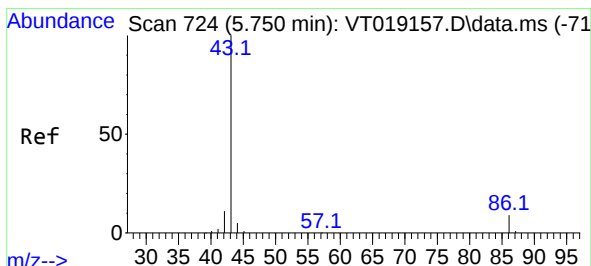
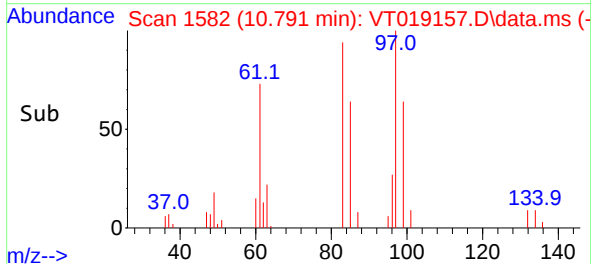
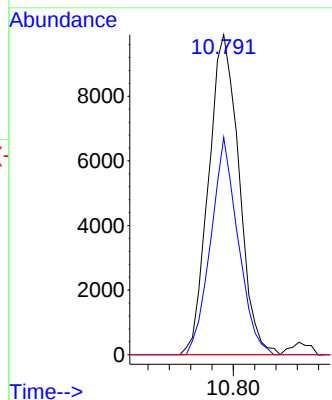
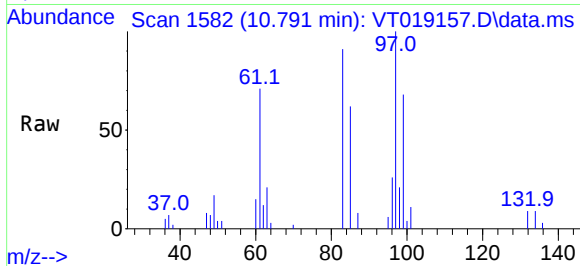




#41
Bromodichloromethane
Concen: 18.803 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

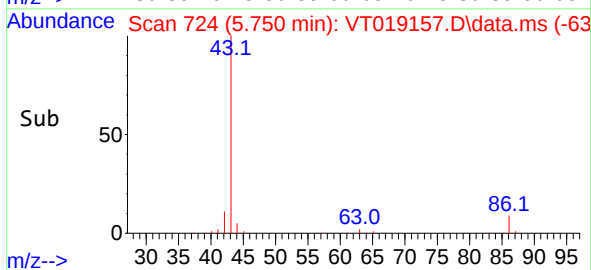
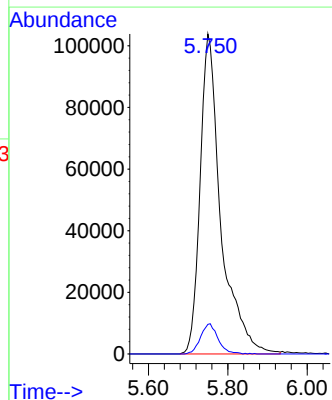
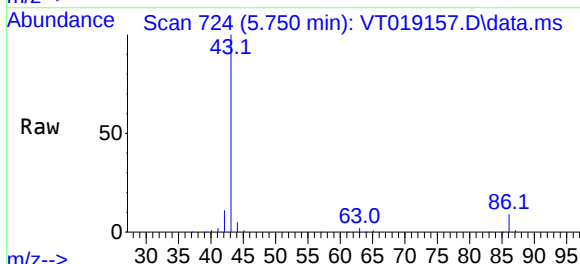
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

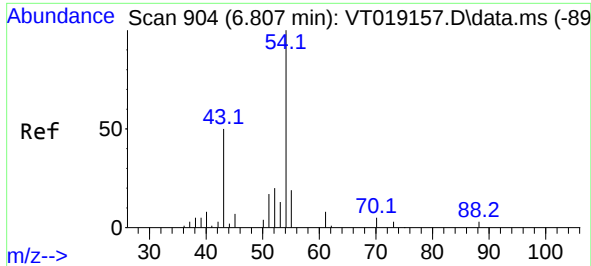
Tgt Ion: 83 Resp: 19597
Ion Ratio Lower Upper
83 100
85 67.9 47.2 70.8
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 92.067 ug/l
RT: 5.750 min Scan# 724
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 43 Resp: 377587
Ion Ratio Lower Upper
43 100
86 7.8 6.9 10.3

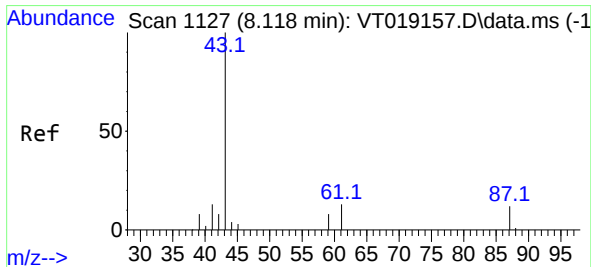
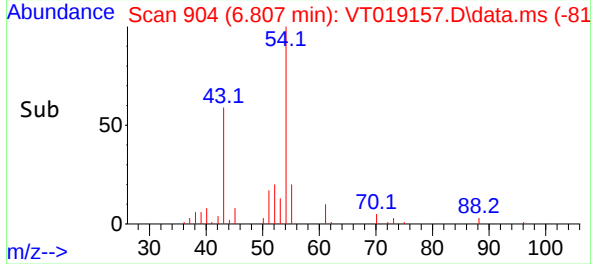
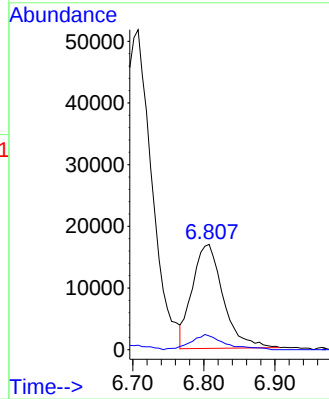
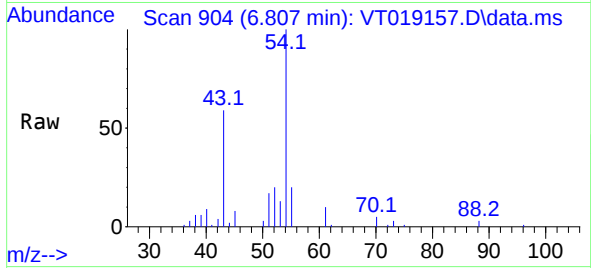




#43
Ethyl Acetate
Concen: 18.483 ug/l
RT: 6.807 min Scan# 904
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

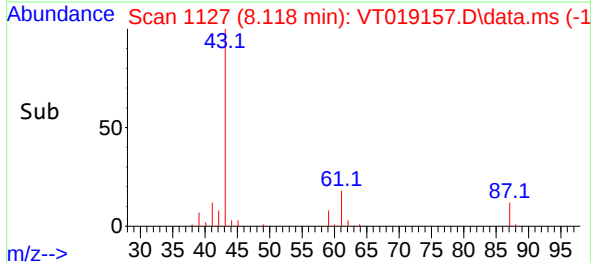
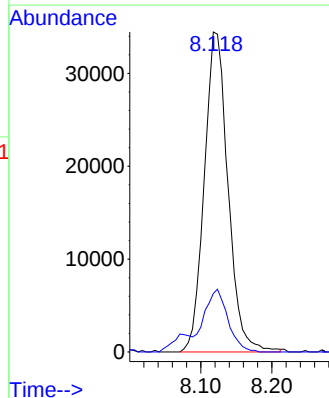
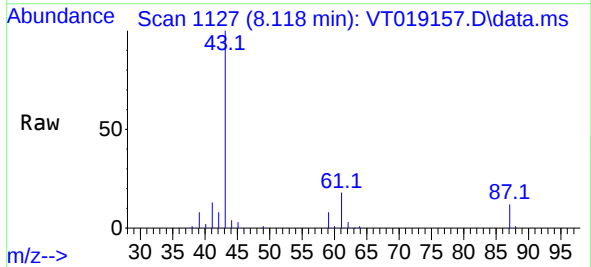
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

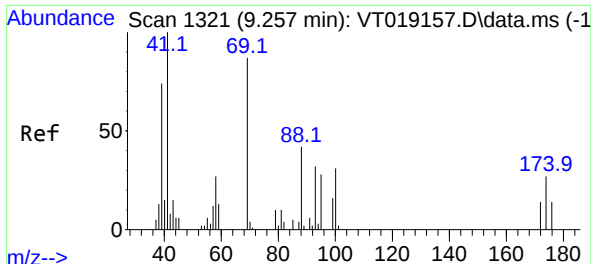
Tgt Ion: 43 Resp: 50789
Ion Ratio Lower Upper
43 100
45 11.4 10.6 16.0



#44
Isopropyl Acetate
Concen: 18.492 ug/l
RT: 8.118 min Scan# 1127
Delta R.T. -0.005 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 43 Resp: 79973
Ion Ratio Lower Upper
43 100
61 19.5 14.7 22.1

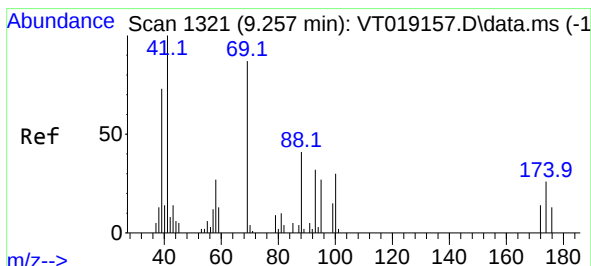
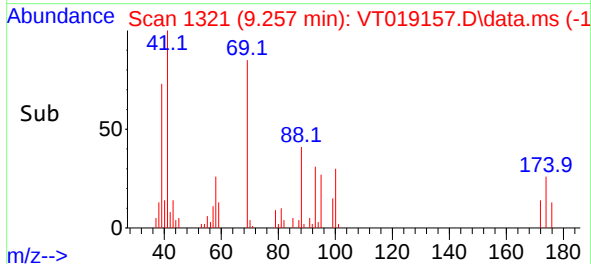
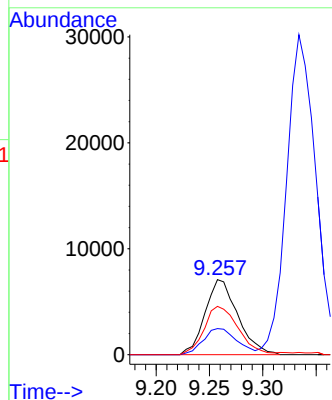
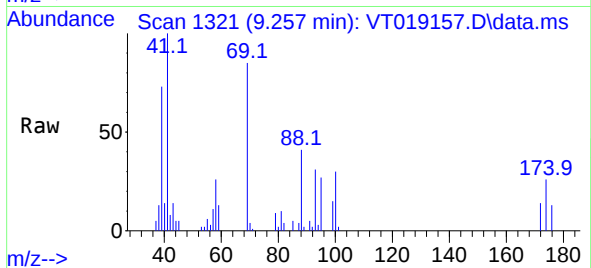




#45
1,4-Dioxane
Concen: 402.815 ug/l
RT: 9.257 min Scan# 1321
Delta R.T. -0.012 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

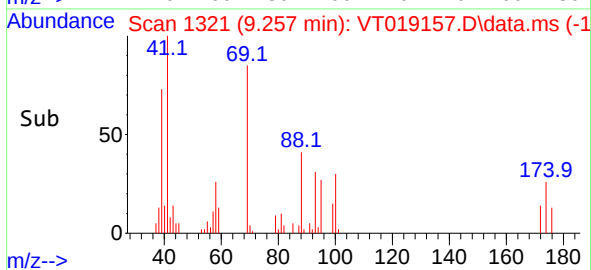
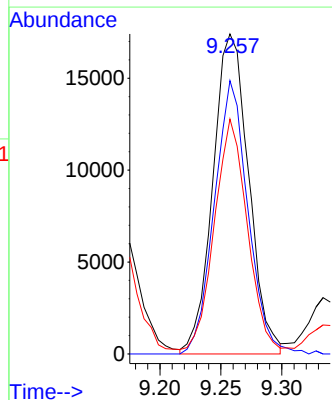
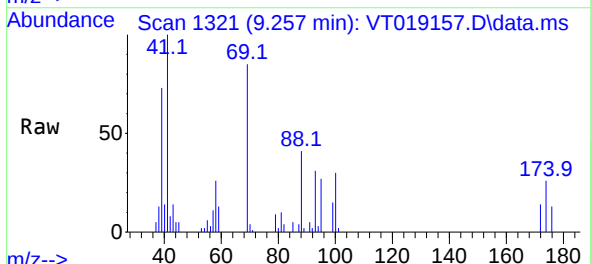
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

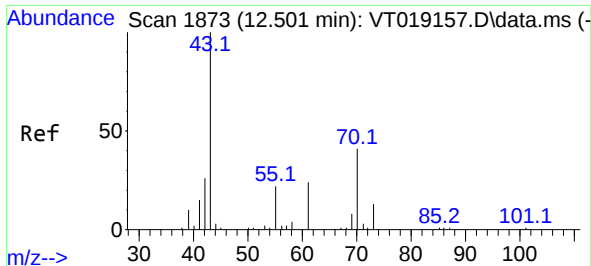
Tgt Ion: 88 Resp: 15113
Ion Ratio Lower Upper
88 100
43 35.9 30.2 45.2
58 67.2 33.3 49.9#



#46
Methyl methacrylate
Concen: 18.357 ug/l
RT: 9.257 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 41 Resp: 35497
Ion Ratio Lower Upper
41 100
69 86.6 35.8 107.3
39 73.0 24.4 73.4

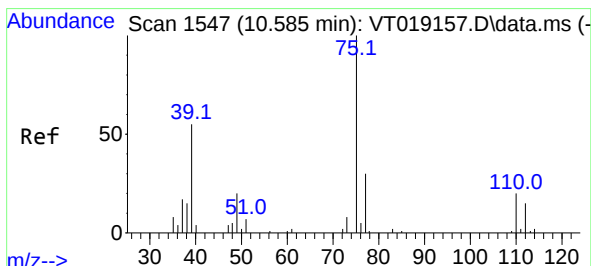
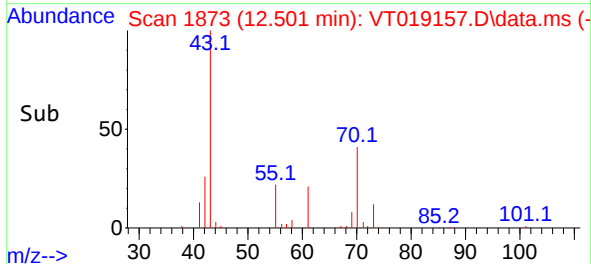
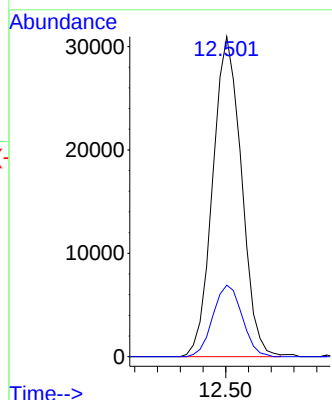
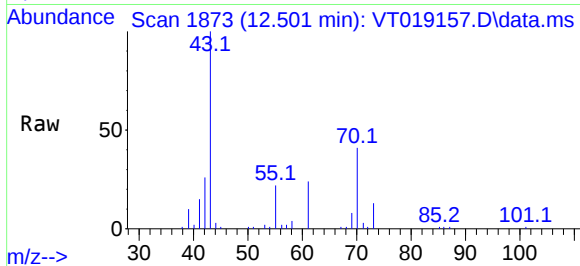




#47
n-amy1 Acetate
Concen: 18.650 ug/l
RT: 12.501 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

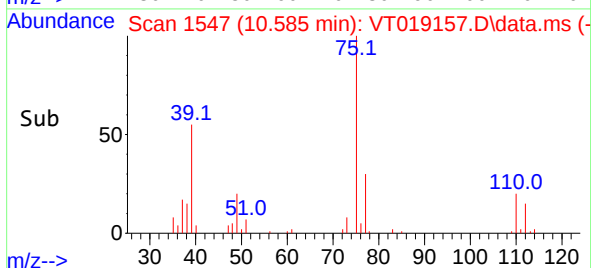
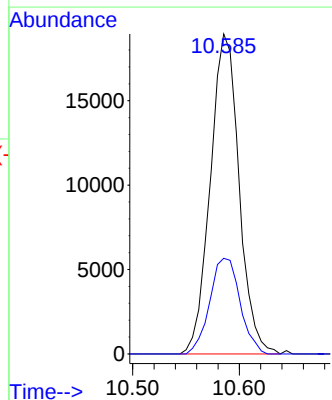
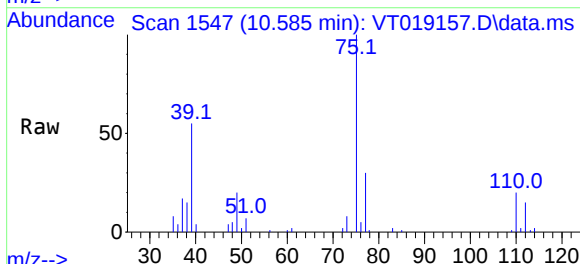
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

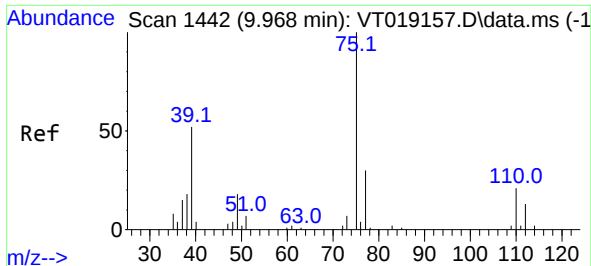
Tgt Ion: 43 Resp: 54276
Ion Ratio Lower Upper
43 100
55 22.7 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 18.774 ug/l
RT: 10.585 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 75 Resp: 35502
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6

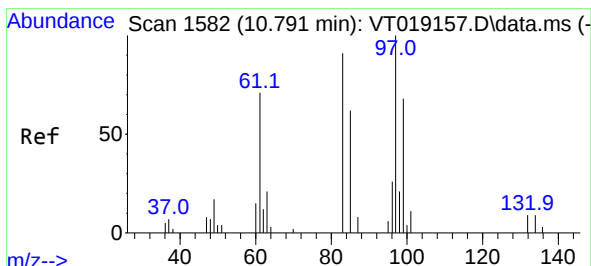
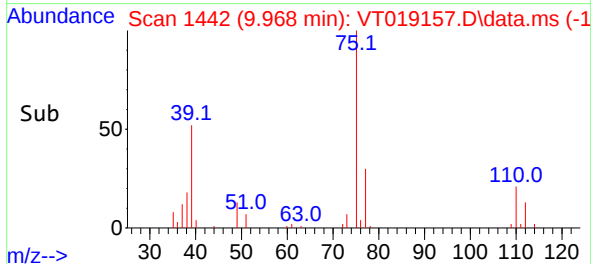
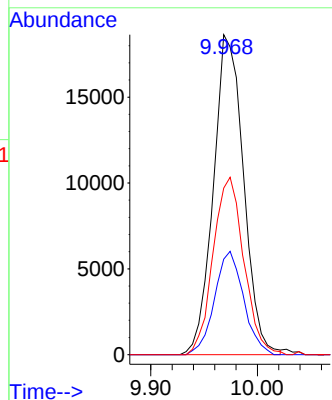
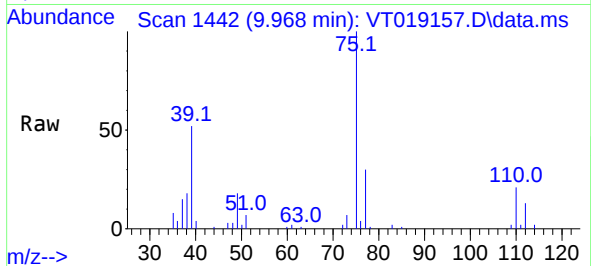




#49
cis-1,3-Dichloropropene
Concen: 18.419 ug/l
RT: 9.968 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

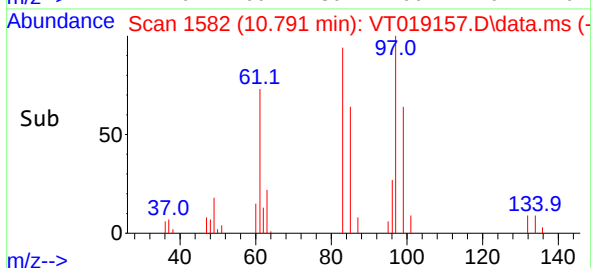
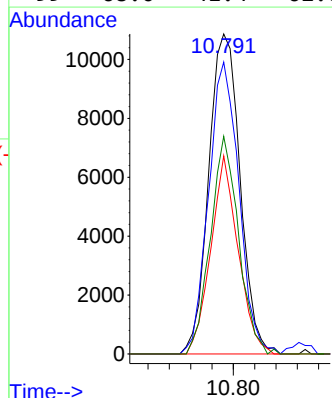
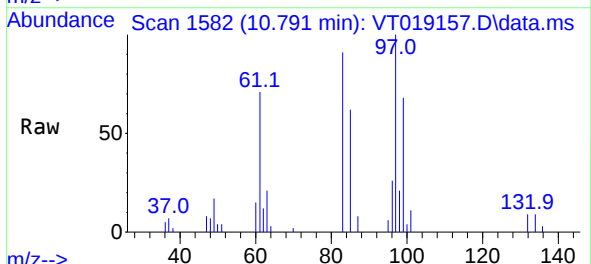
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

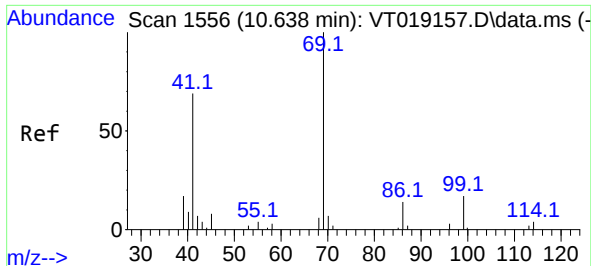
Tgt Ion: 75 Resp: 36589
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7
39 52.0 42.7 64.1



#50
1,1,2-Trichloroethane
Concen: 18.588 ug/l
RT: 10.791 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 97 Resp: 22183
Ion Ratio Lower Upper
97 100
83 91.2 58.3 87.5#
85 61.9 36.5 54.7#
99 68.0 41.4 62.0#

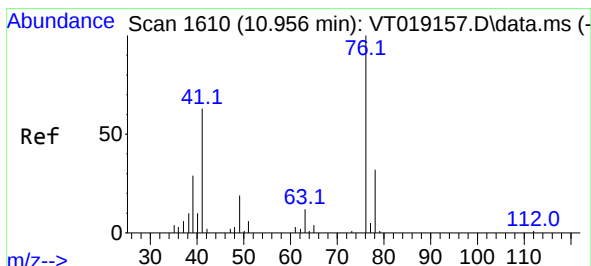
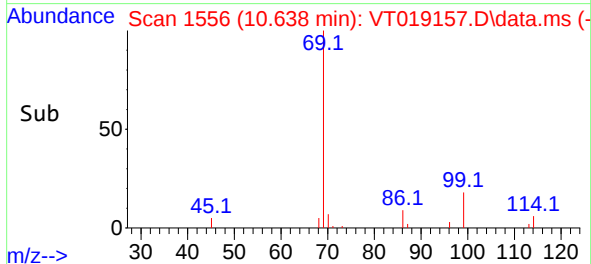
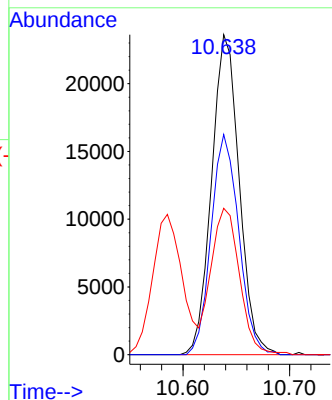
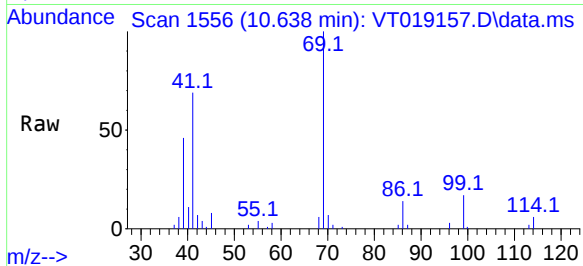




#51
Ethyl methacrylate
Concen: 18.991 ug/l
RT: 10.638 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

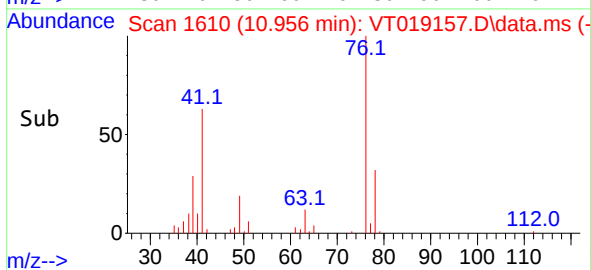
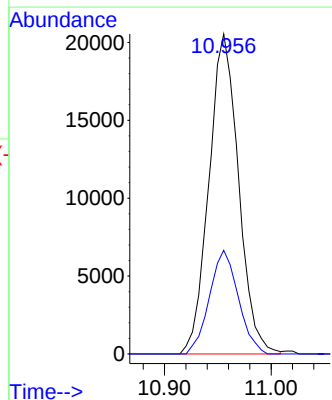
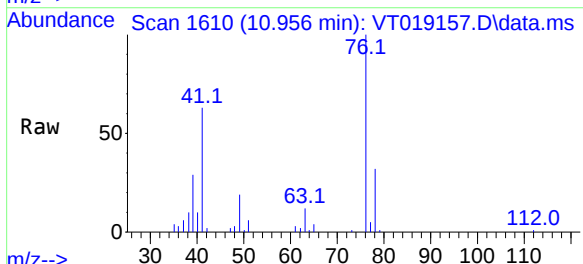
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

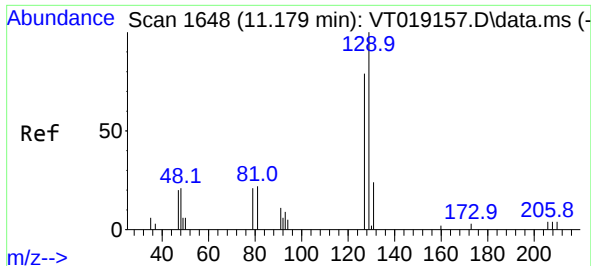
Tgt Ion: 69 Resp: 42472
Ion Ratio Lower Upper
69 100
41 68.8 35.0 105.1
39 45.0 19.5 58.5



#52
1,3-Dichloropropane
Concen: 18.584 ug/l
RT: 10.956 min Scan# 1610
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 76 Resp: 39611
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.6

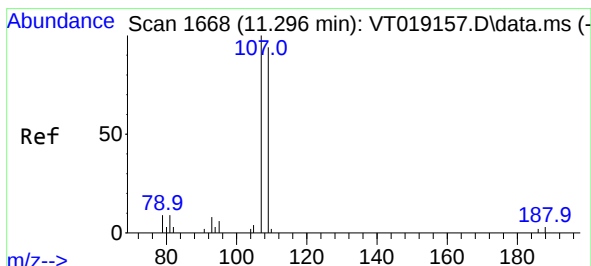
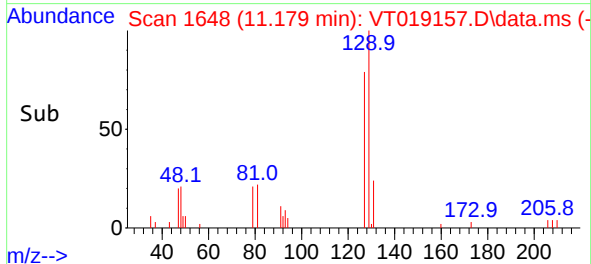
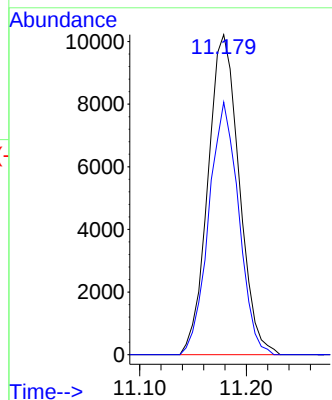
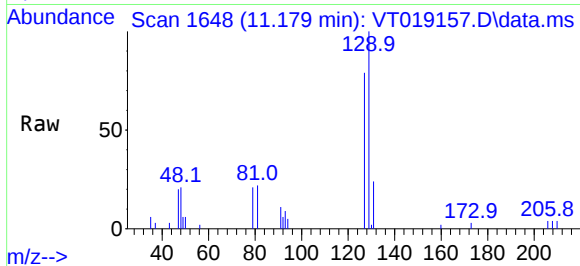




#53
Dibromochloromethane
Concen: 18.663 ug/l
RT: 11.179 min Scan# 1648
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

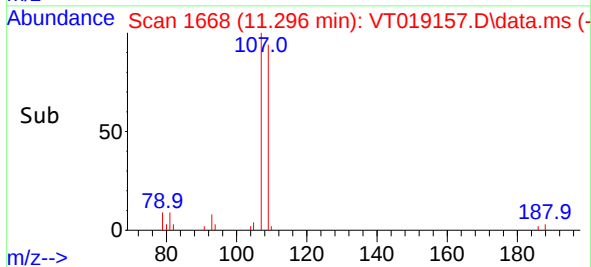
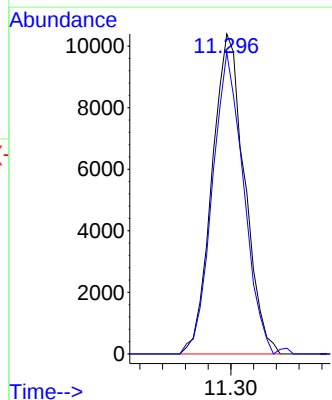
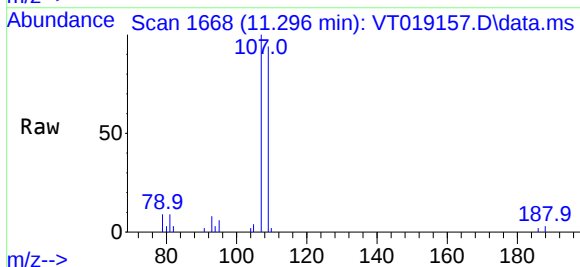
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

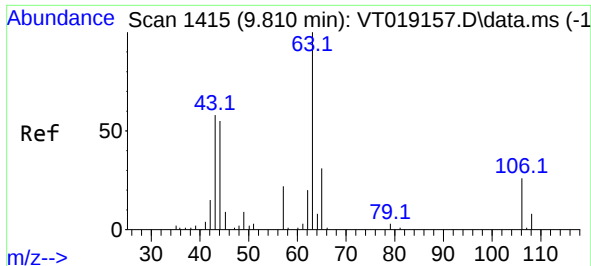
Tgt Ion:129 Resp: 20787
Ion Ratio Lower Upper
129 100
127 75.5 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 18.557 ug/l
RT: 11.296 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:107 Resp: 20598
Ion Ratio Lower Upper
107 100
109 90.5 74.0 111.0



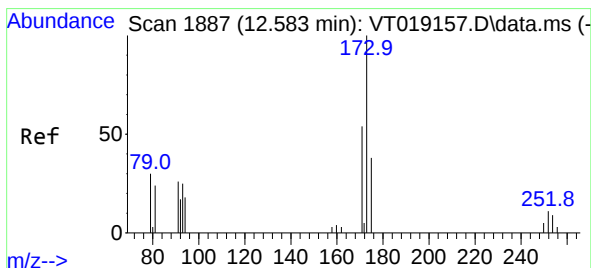
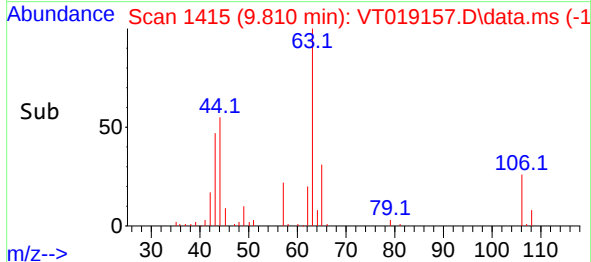
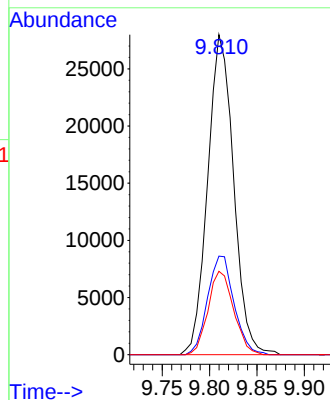
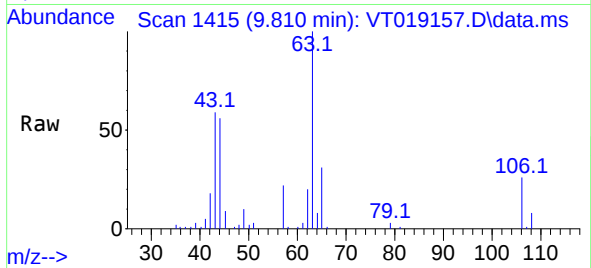


#55
2-Chloroethyl vinyl ether
Concen: 81.655 ug/l
RT: 9.810 min Scan# 1415
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 53262

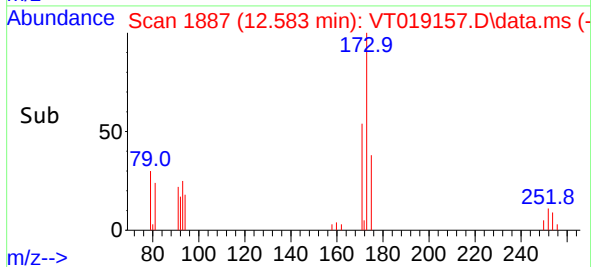
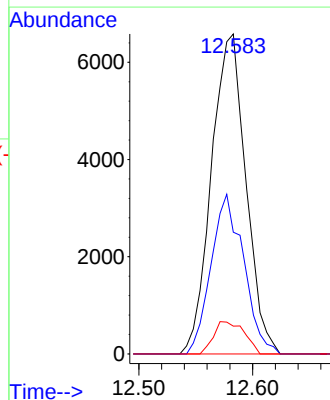
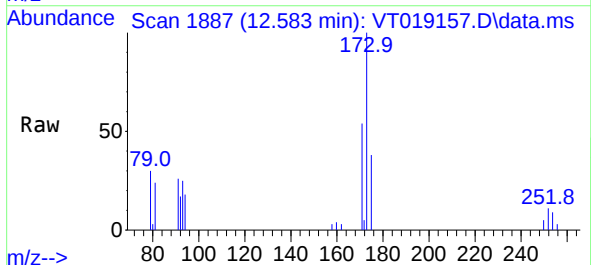
Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.8	38.6
106	25.7	22.1	33.1

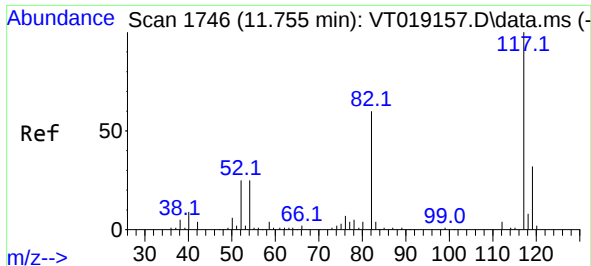


#56
Bromoform
Concen: 18.938 ug/l
RT: 12.583 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 173 Resp: 13859

Ion	Ratio	Lower	Upper
173	100		
175	47.2	2.6	3.8#
254	9.0	2.2	3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.755 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC020

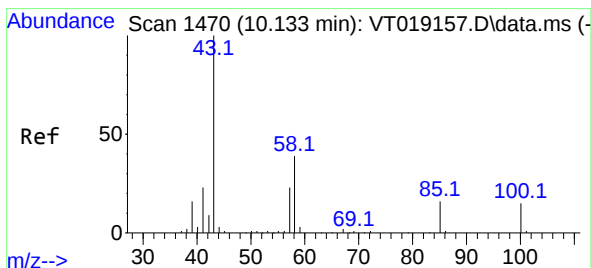
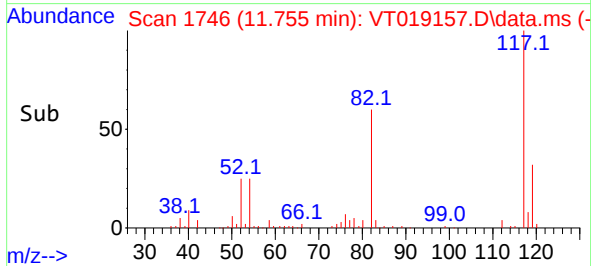
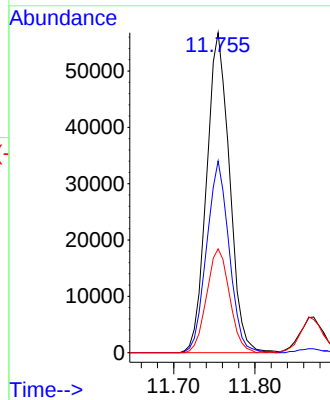
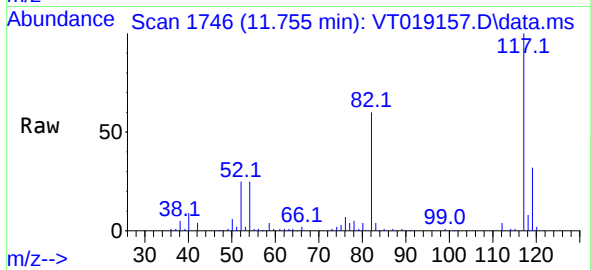
Tgt Ion:117 Resp: 111416

Ion Ratio Lower Upper

117 100

82 58.8 46.0 69.0

119 32.3 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 89.354 ug/l

RT: 10.133 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

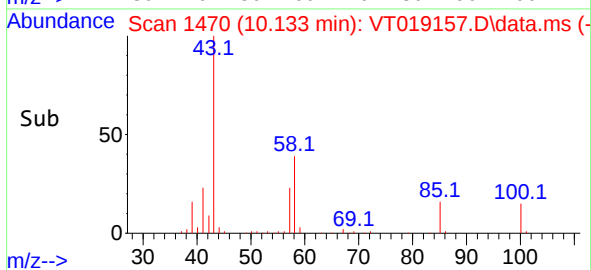
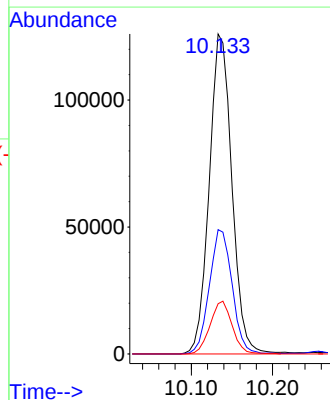
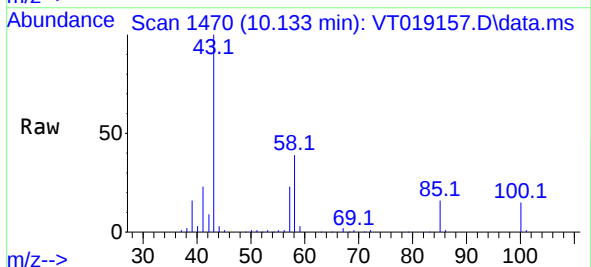
Tgt Ion: 43 Resp: 243805

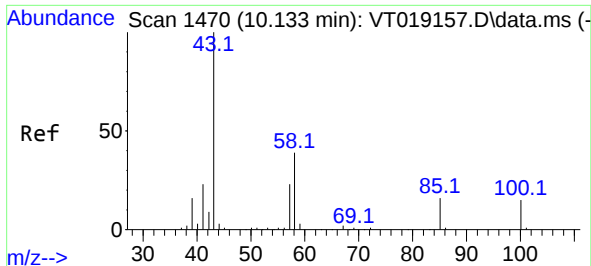
Ion Ratio Lower Upper

43 100

58 39.0 30.6 45.8

85 16.1 13.4 20.2

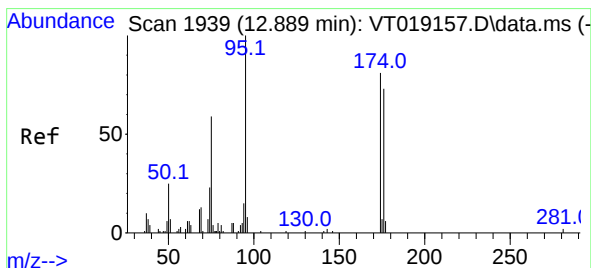
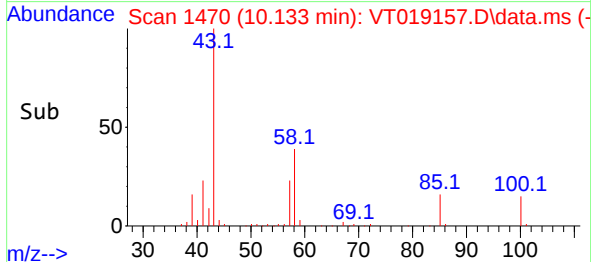
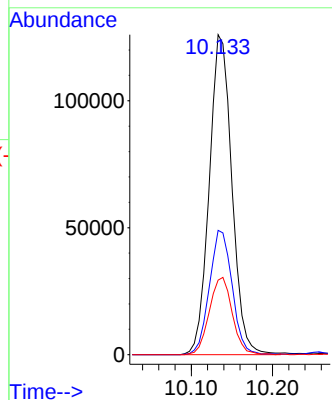
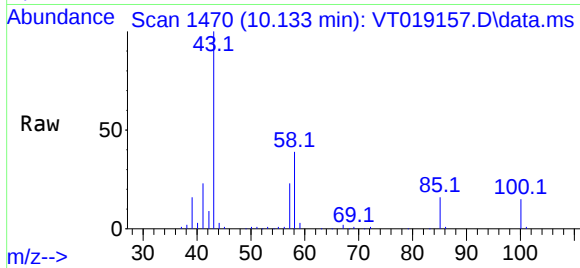




#59
2-Hexanone
Concen: 89.354 ug/l
RT: 10.133 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

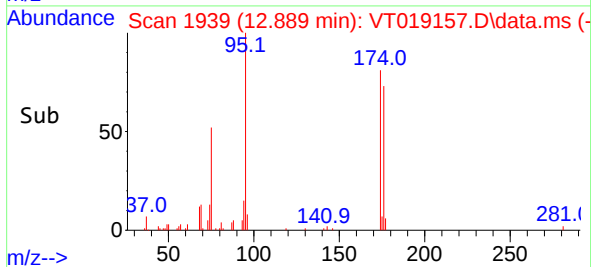
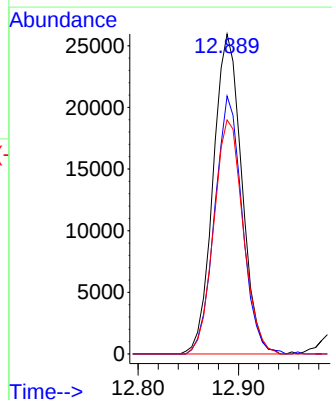
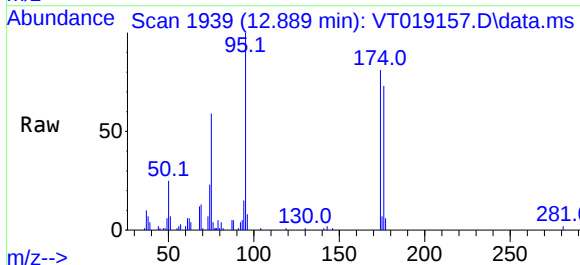
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

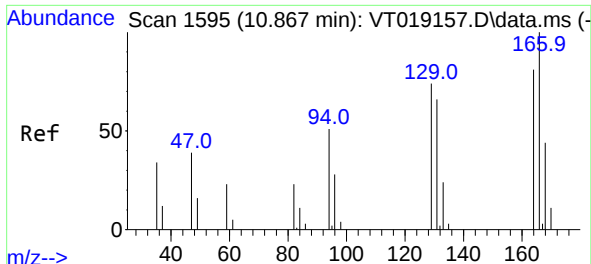
Tgt Ion: 43 Resp: 243805
Ion Ratio Lower Upper
43 100
58 39.0 42.0 63.0#
57 24.5 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.185 ug/l
RT: 12.889 min Scan# 1939
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

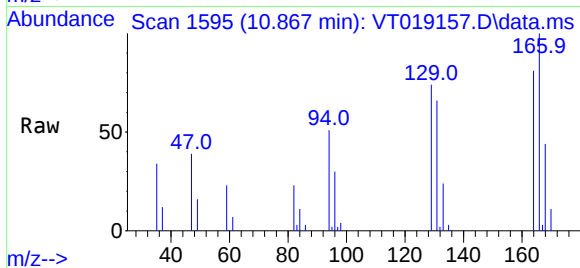
Tgt Ion: 95 Resp: 51105
Ion Ratio Lower Upper
95 100
174 78.0 57.5 86.3
176 75.3 56.4 84.6



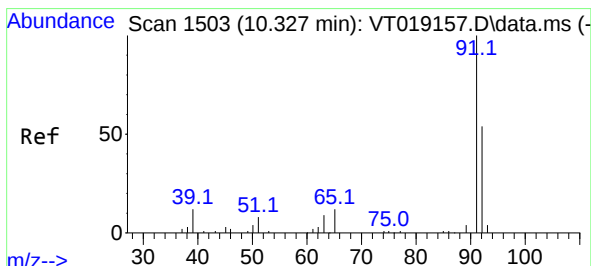
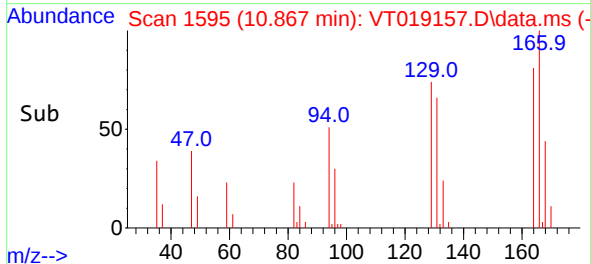
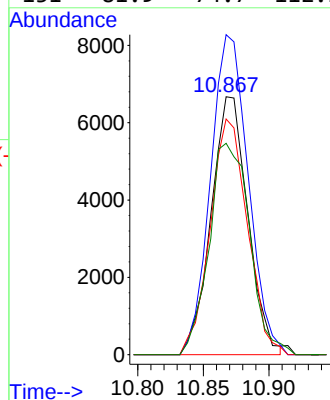


#61
Tetrachloroethene
Concen: 18.437 ug/l
RT: 10.867 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

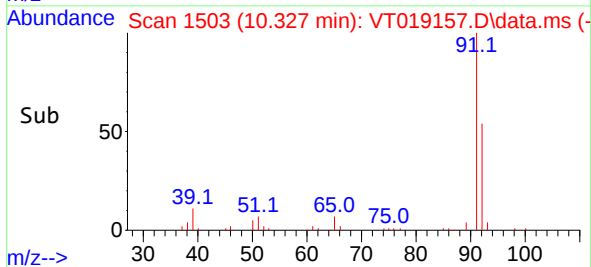
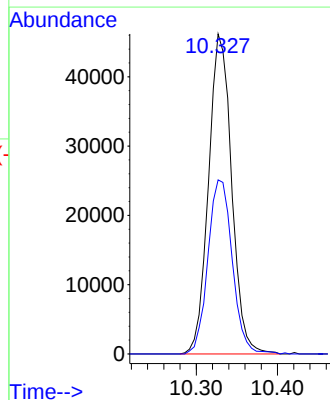
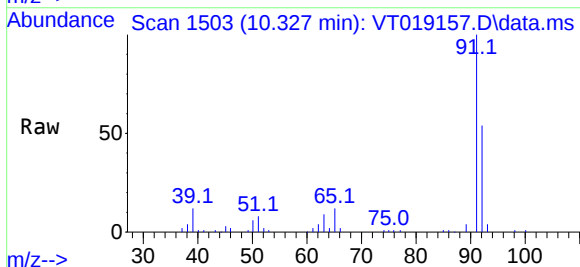


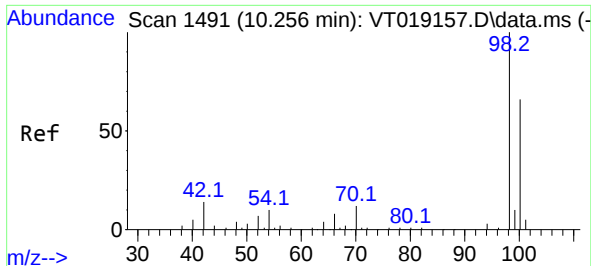
Tgt Ion:164 Resp: 12984
Ion Ratio Lower Upper
164 100
166 124.0 101.0 151.4
129 91.3 78.6 117.8
131 81.9 74.7 112.1



#62
Toluene
Concen: 18.289 ug/l
RT: 10.327 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 91 Resp: 91269
Ion Ratio Lower Upper
91 100
92 57.3 46.6 69.8

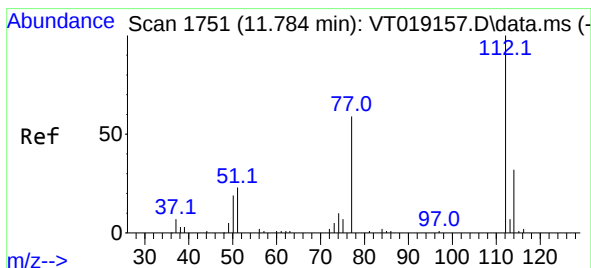
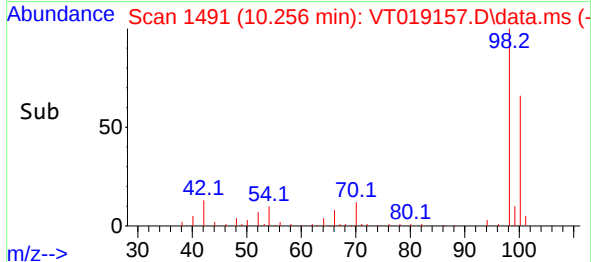
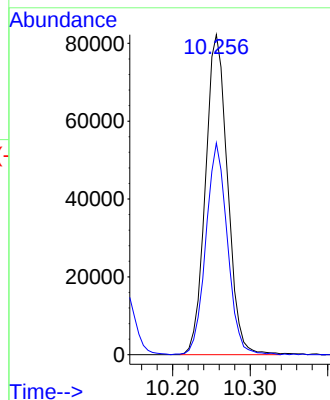
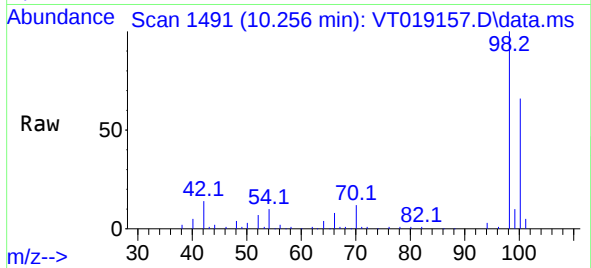




#63
Toluene-d8
Concen: 30.027 ug/l
RT: 10.256 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

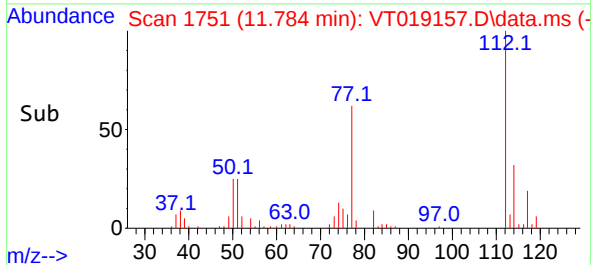
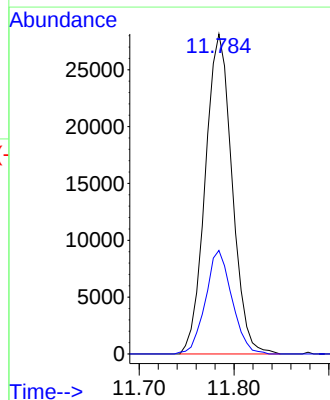
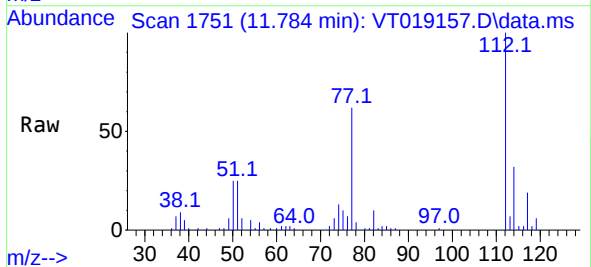
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

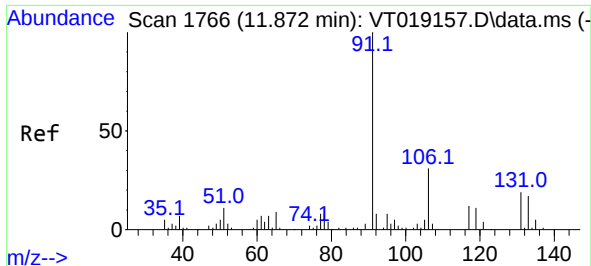
Tgt Ion: 98 Resp: 162836
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#64
Chlorobenzene
Concen: 18.175 ug/l
RT: 11.784 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 112 Resp: 55402
Ion Ratio Lower Upper
112 100
114 32.3 23.6 35.4

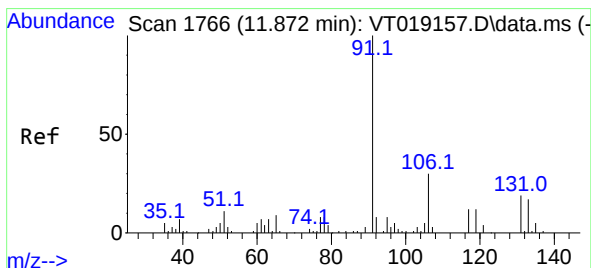
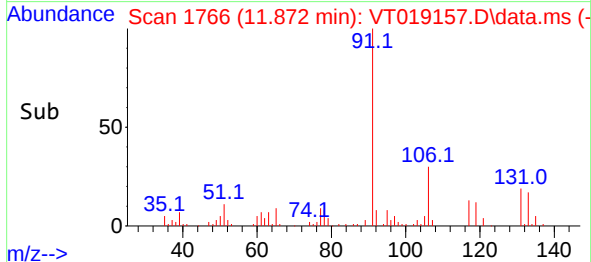
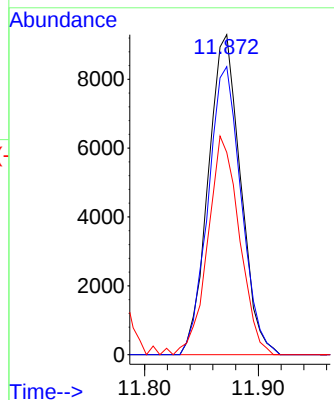
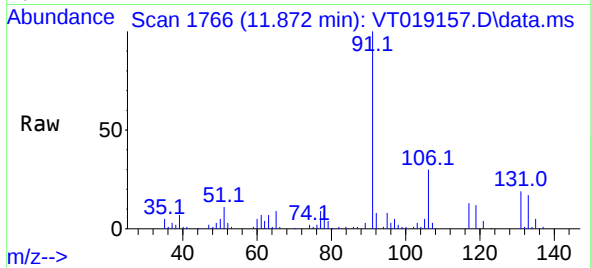




#65
1,1,1,2-Tetrachloroethane
Concen: 18.529 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

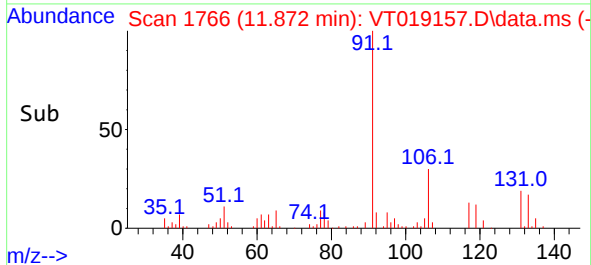
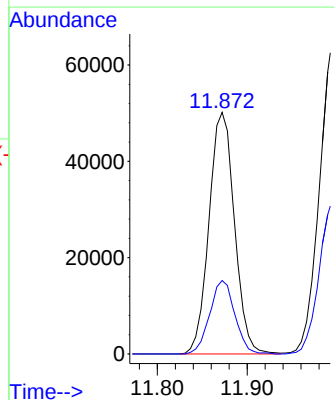
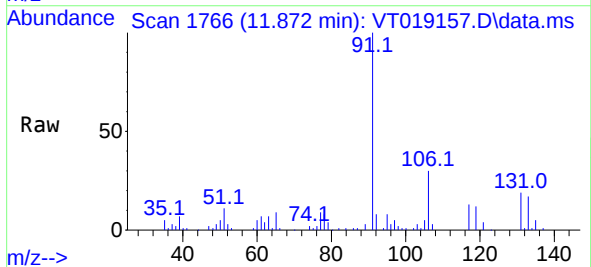
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

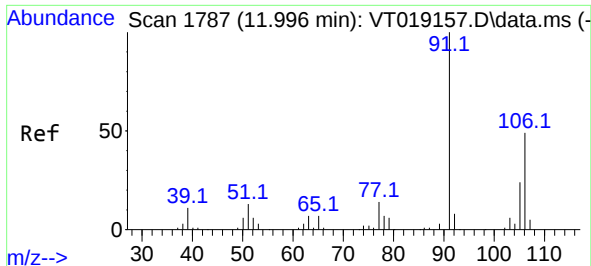
Tgt Ion:131 Resp: 18398
Ion Ratio Lower Upper
131 100
133 92.1 0.0 188.2
119 66.5 0.0 101.8



#66
Ethyl Benzene
Concen: 18.213 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 91 Resp: 98778
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7

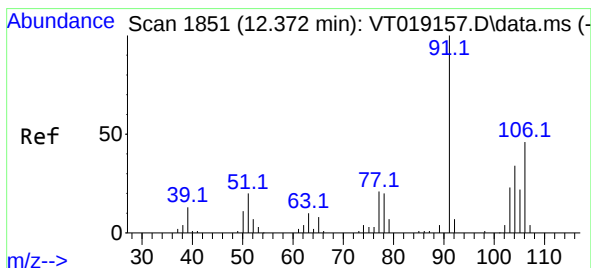
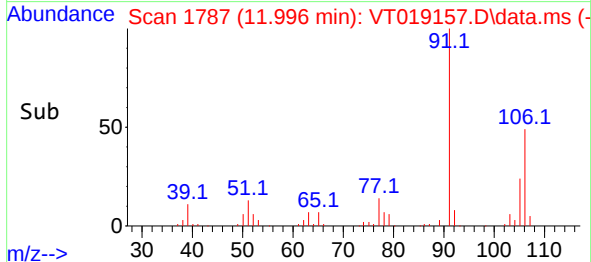
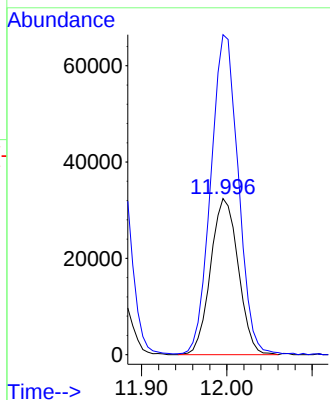
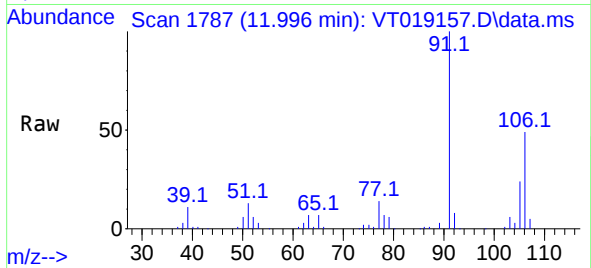




#67
m/p-Xylenes
Concen: 36.216 ug/l
RT: 11.996 min Scan# 1787
Delta R.T. 0.001 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

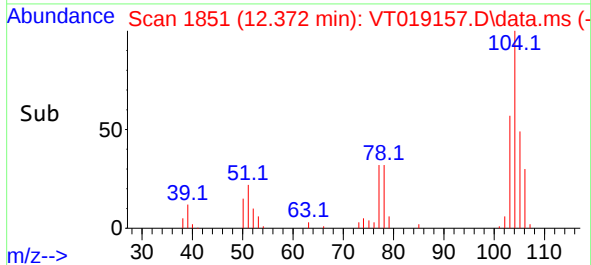
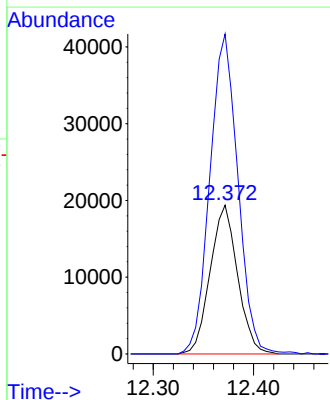
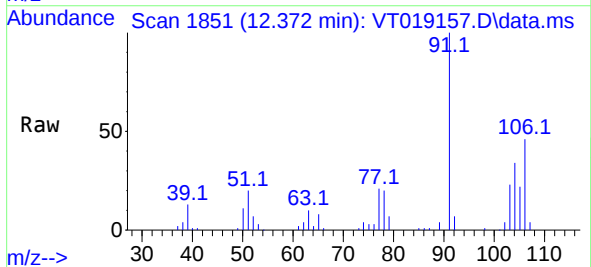
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

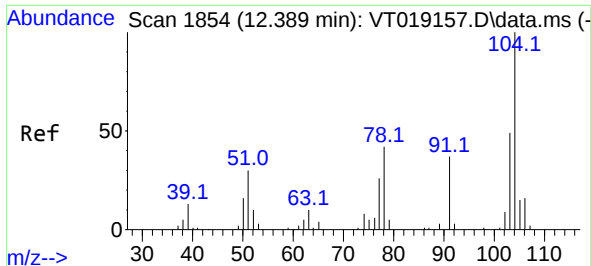
Tgt Ion:106 Resp: 73016
Ion Ratio Lower Upper
106 100
91 203.8 164.4 246.6



#68
o-Xylene
Concen: 17.659 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:106 Resp: 36750
Ion Ratio Lower Upper
106 100
91 219.3 111.3 333.8

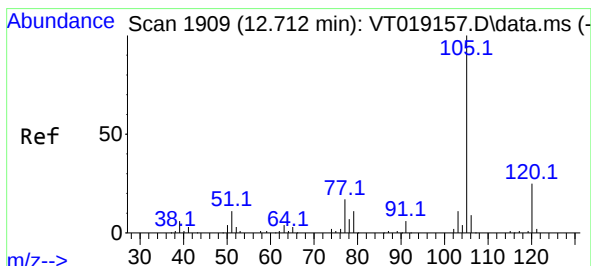
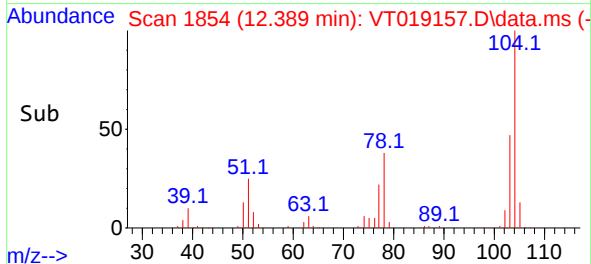
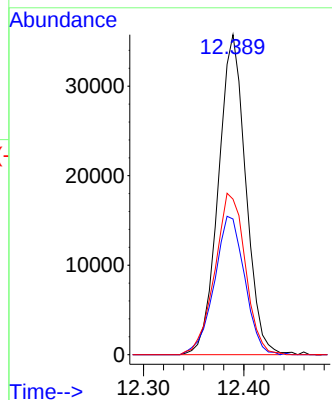
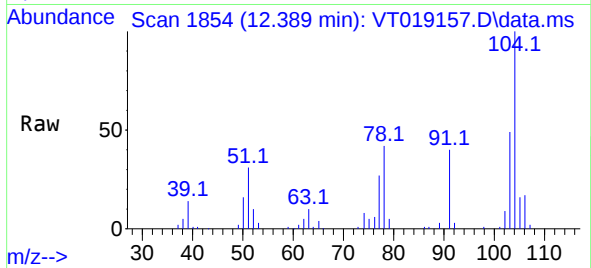




#69
Styrene
Concen: 18.093 ug/l
RT: 12.389 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

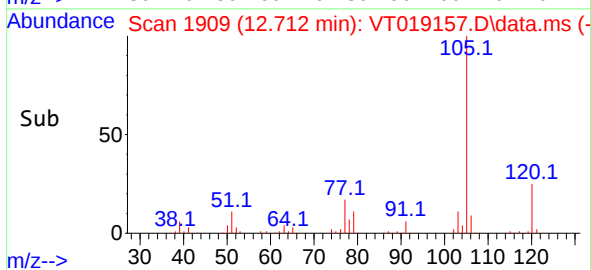
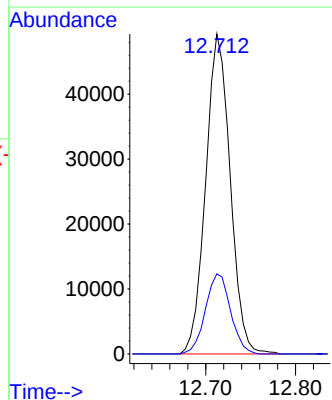
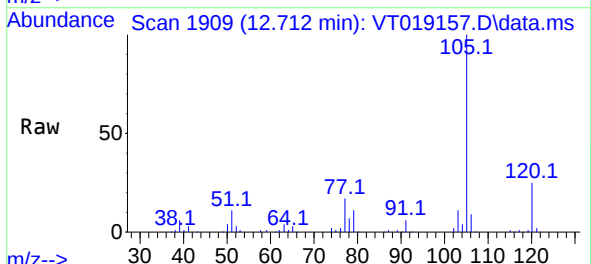
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

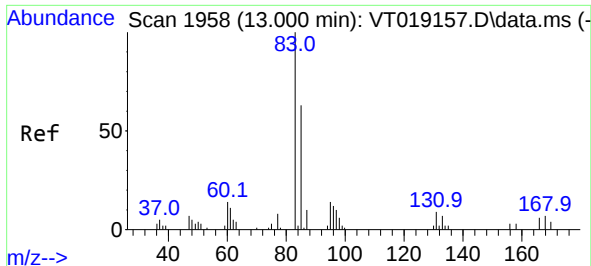
Tgt Ion:104 Resp: 67599
Ion Ratio Lower Upper
104 100
78 48.0 42.6 63.8
103 56.2 43.5 65.3



#70
Isopropylbenzene
Concen: 18.300 ug/l
RT: 12.712 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:105 Resp: 93410
Ion Ratio Lower Upper
105 100
120 25.6 17.8 33.0

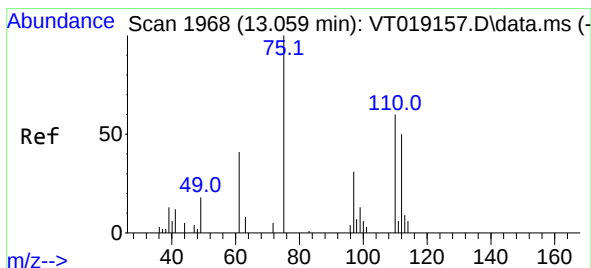
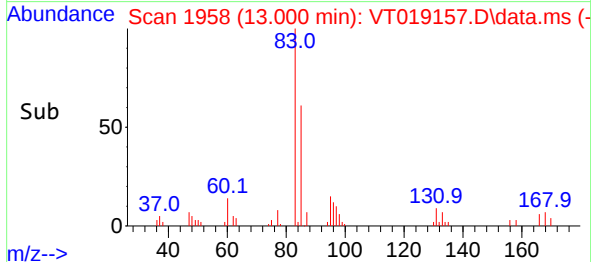
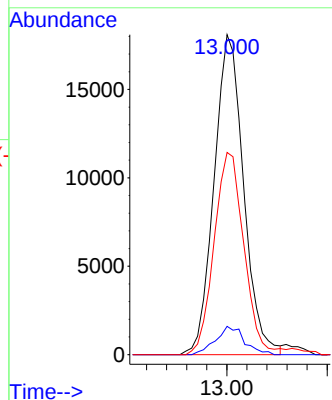
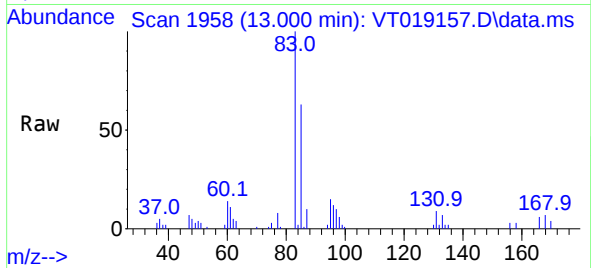




#71
1,1,2,2-Tetrachloroethane
Concen: 18.428 ug/l
RT: 13.000 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

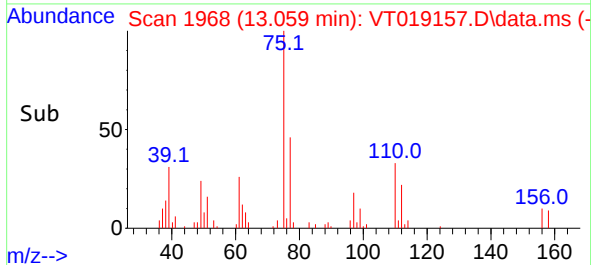
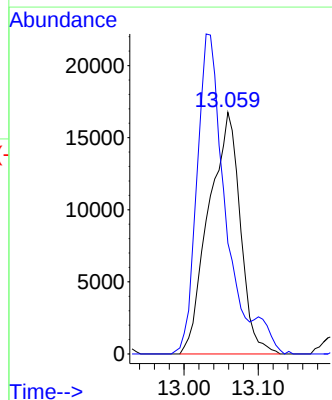
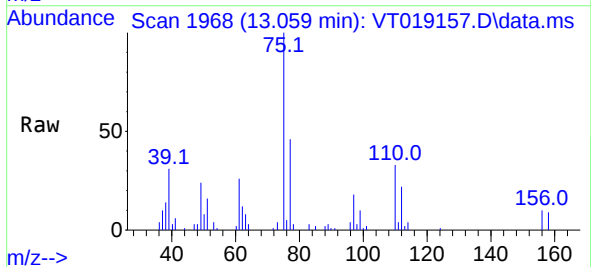
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

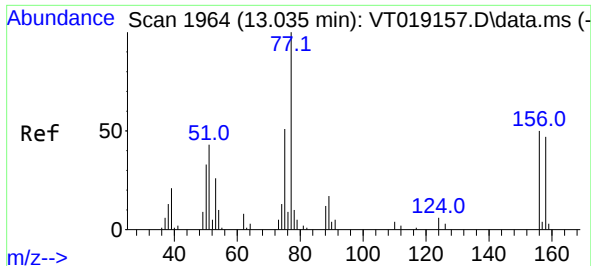
Tgt Ion: 83 Resp: 36908
Ion Ratio Lower Upper
83 100
131 8.6 6.0 18.0
85 63.4 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 31.361 ug/l
RT: 13.059 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 75 Resp: 49505
Ion Ratio Lower Upper
75 100
77 113.7 0.0 74.2#

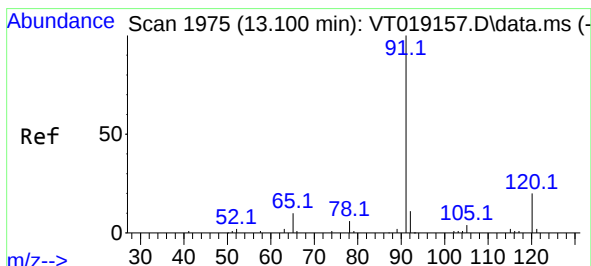
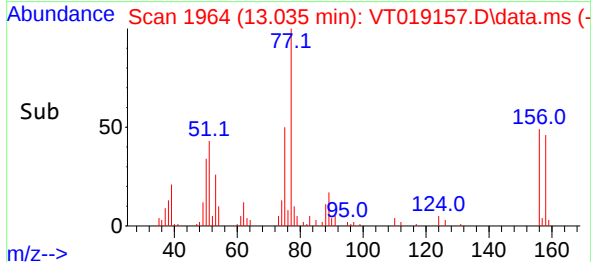
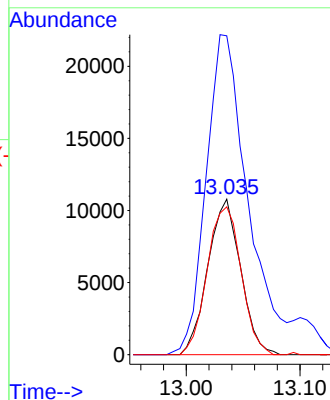
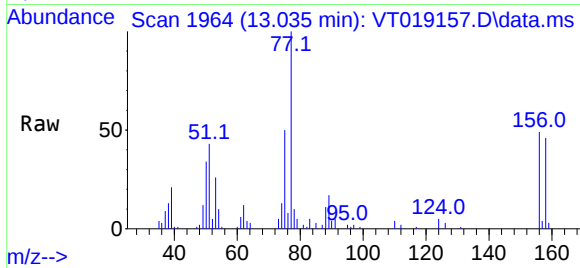




#73
Bromobenzene
Concen: 18.000 ug/l
RT: 13.035 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

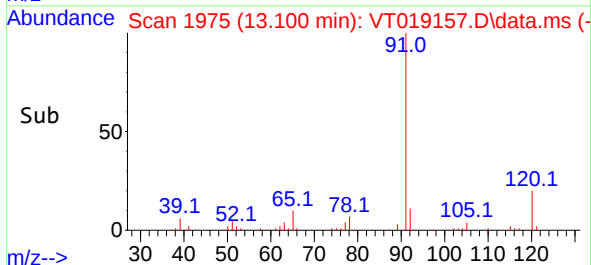
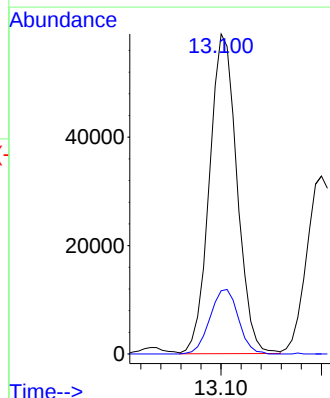
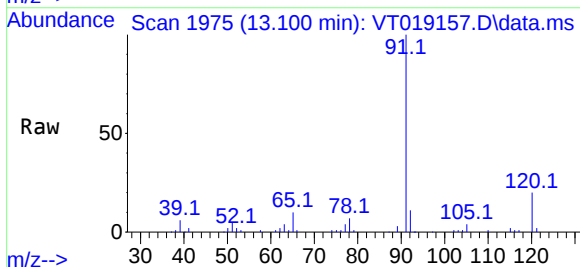
Instrument :
MSVOA_T
ClientSampleId :
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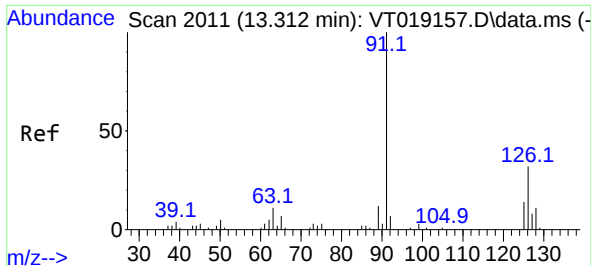
Tgt Ion:156 Resp: 21606
Ion Ratio Lower Upper
156 100
77 260.6 0.0 340.8
158 98.8 0.0 189.0



#74
n-propylbenzene
Concen: 18.289 ug/l
RT: 13.100 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 91 Resp: 112568
Ion Ratio Lower Upper
91 100
120 20.7 0.0 44.4

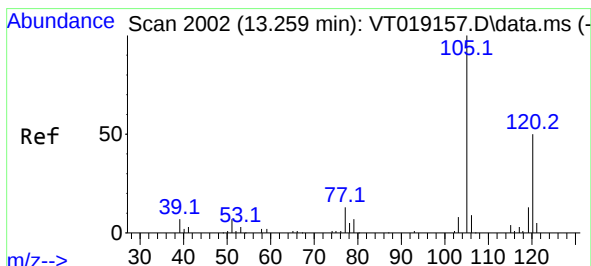
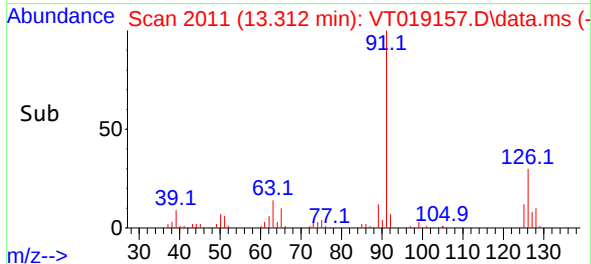
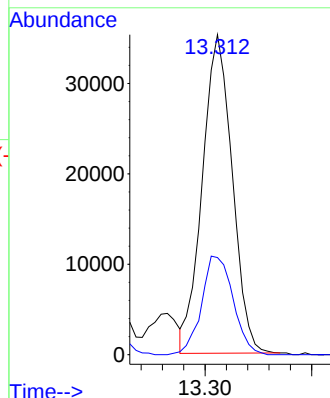
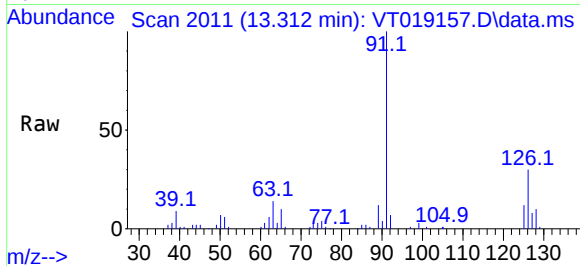




#75
2-Chlorotoluene
Concen: 18.217 ug/l
RT: 13.312 min Scan# 2011
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

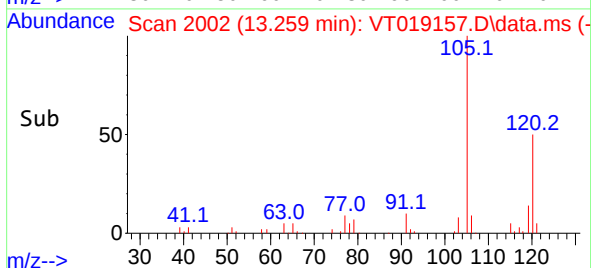
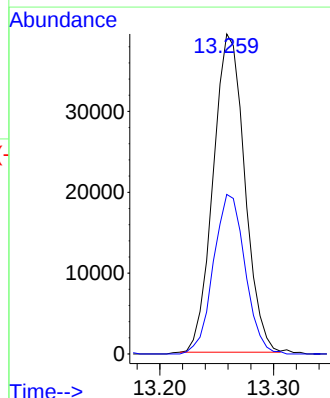
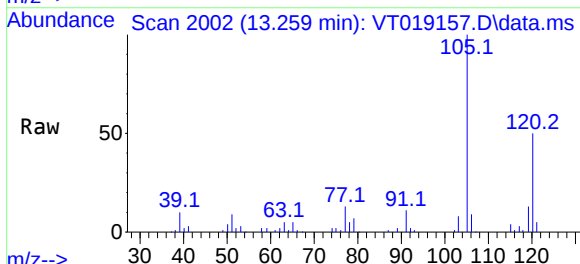
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

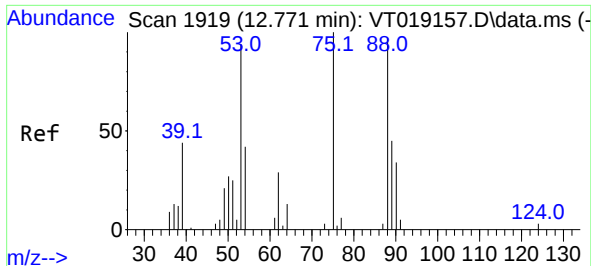
Tgt Ion: 91 Resp: 68644
Ion Ratio Lower Upper
91 100
126 32.7 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 18.114 ug/l
RT: 13.259 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 105 Resp: 75855
Ion Ratio Lower Upper
105 100
120 50.2 0.0 93.0

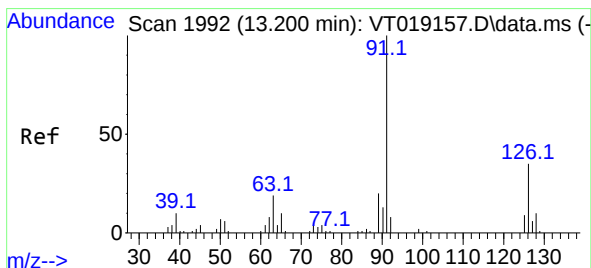
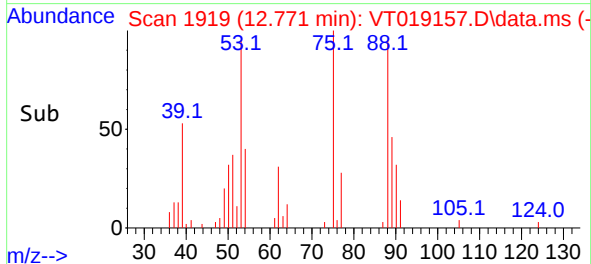
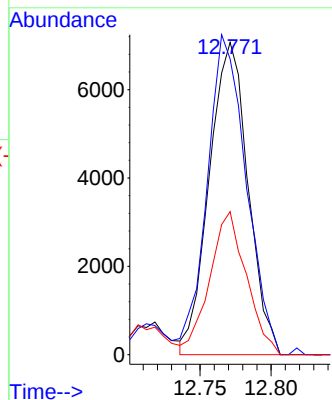
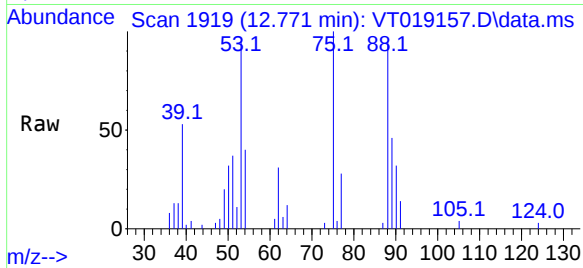




#77
t-1,4-Dichloro-2-butene
Concen: 18.658 ug/l
RT: 12.771 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

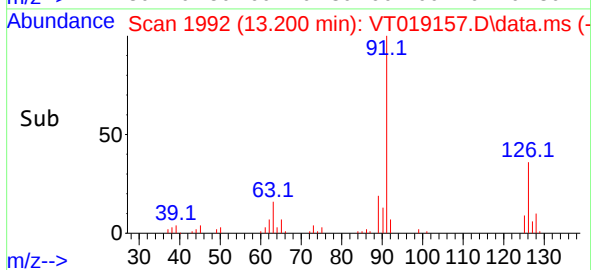
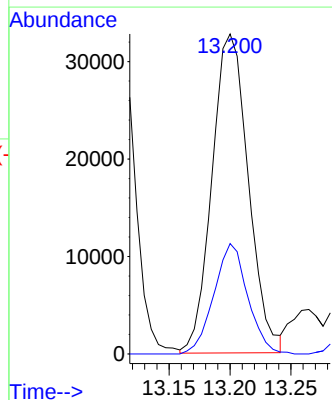
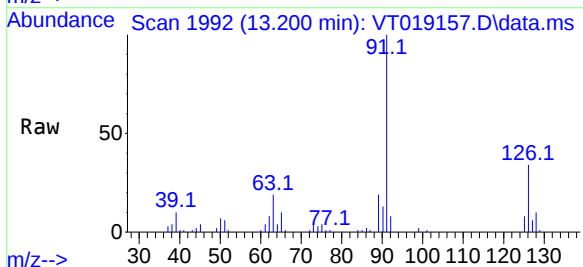
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

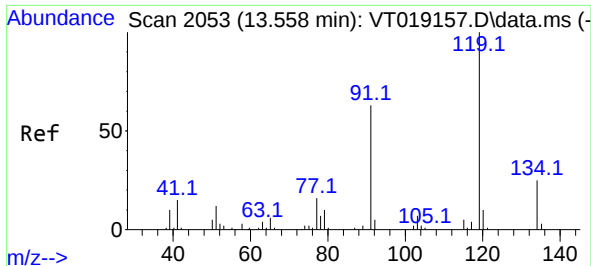
Tgt Ion: 75 Resp: 13402
Ion Ratio Lower Upper
75 100
53 94.7 48.4 145.2
89 45.8 33.8 101.3



#78
4-Chlorotoluene
Concen: 18.303 ug/l
RT: 13.200 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion: 91 Resp: 68030
Ion Ratio Lower Upper
91 100
126 32.2 0.0 57.2

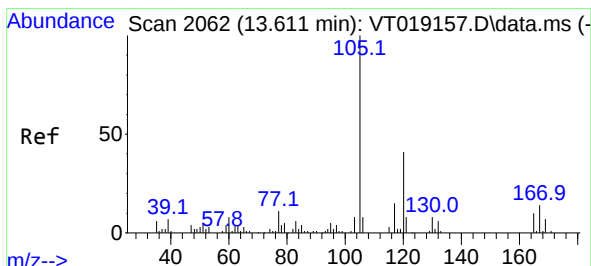
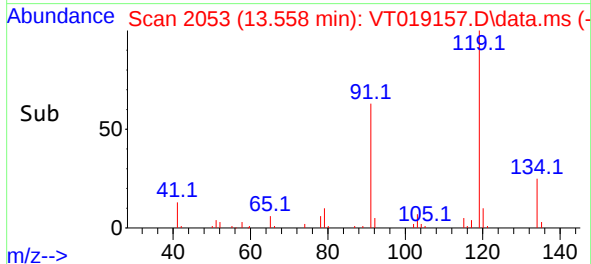
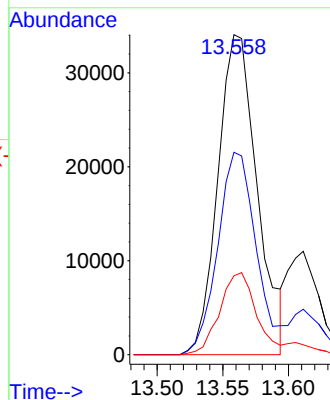
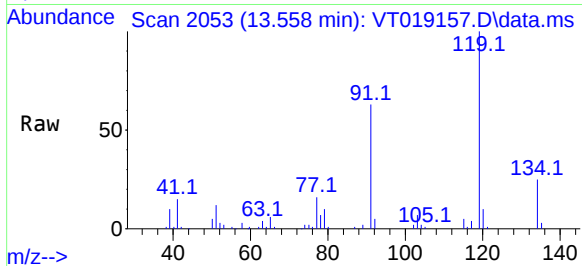




#79
tert-butylbenzene
Concen: 19.086 ug/l
RT: 13.558 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

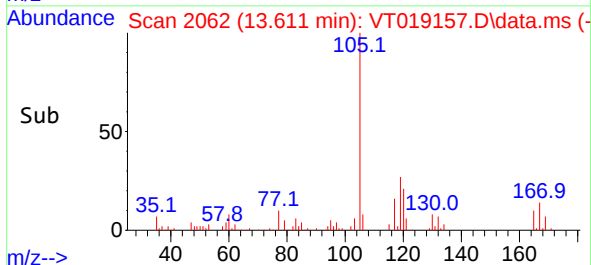
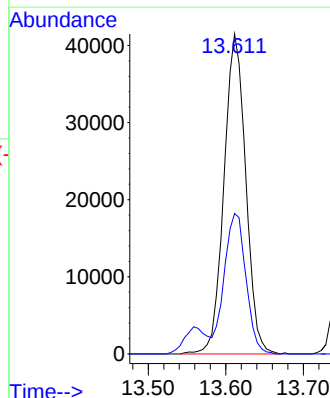
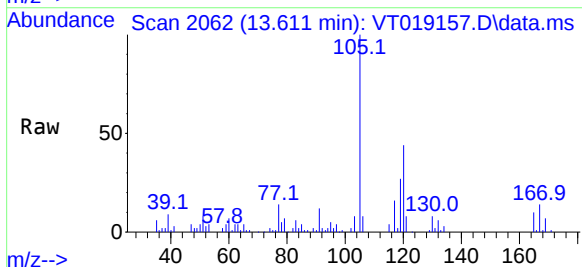
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

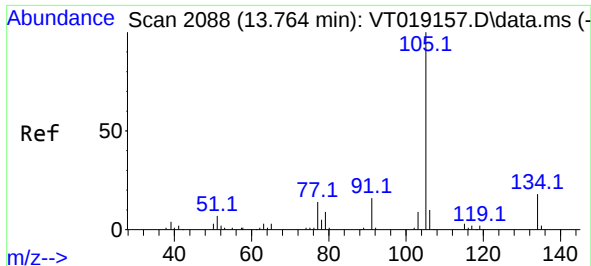
Tgt Ion:119 Resp: 70986
Ion Ratio Lower Upper
119 100
91 60.3 0.0 120.6
134 23.8 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 18.555 ug/l
RT: 13.611 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:105 Resp: 81071
Ion Ratio Lower Upper
105 100
120 43.5 0.0 88.6





#81

sec-Butylbenzene

Concen: 18.455 ug/l

RT: 13.764 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Instrument :

MSVOA_T

ClientSampleId :

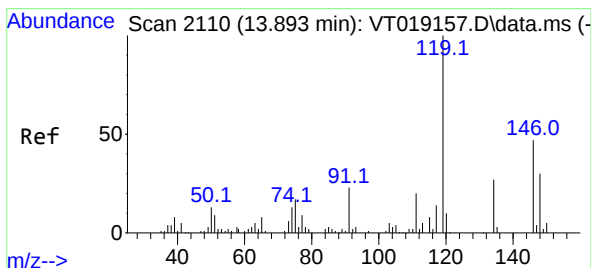
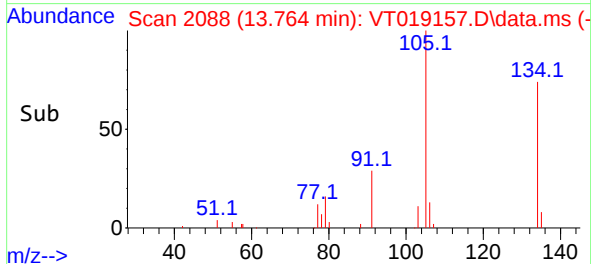
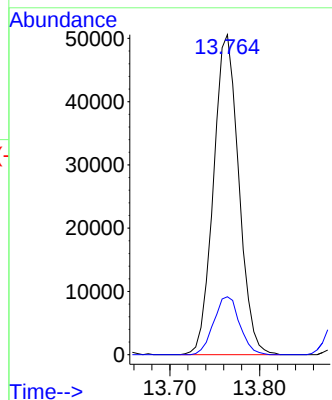
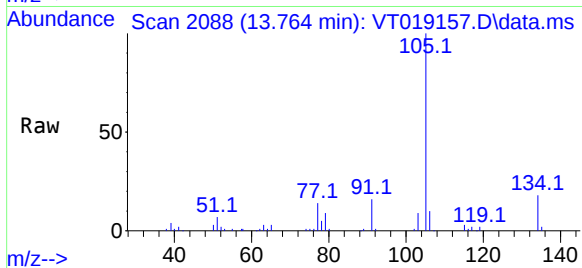
VSTDICCC020

Tgt Ion:105 Resp: 98904

Ion Ratio Lower Upper

105 100

134 18.6 0.0 39.4



#82

p-Isopropyltoluene

Concen: 18.368 ug/l

RT: 13.893 min Scan# 2110

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

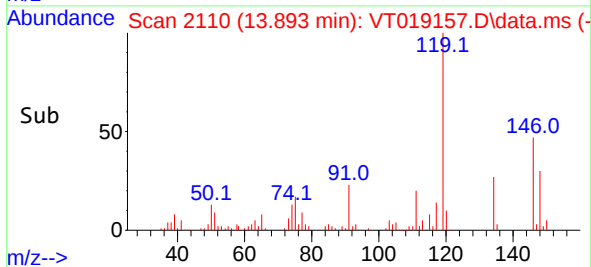
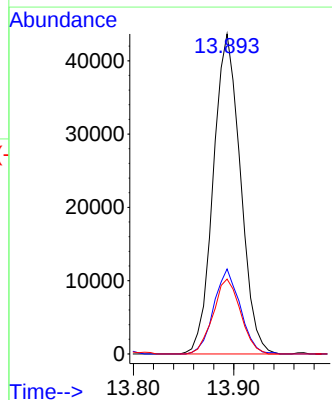
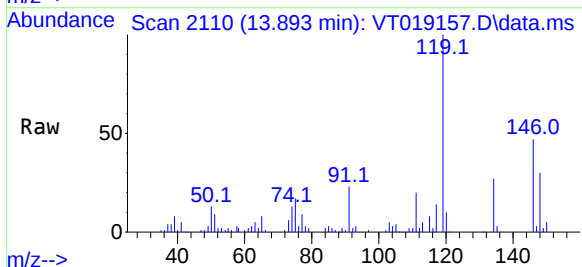
Tgt Ion:119 Resp: 81893

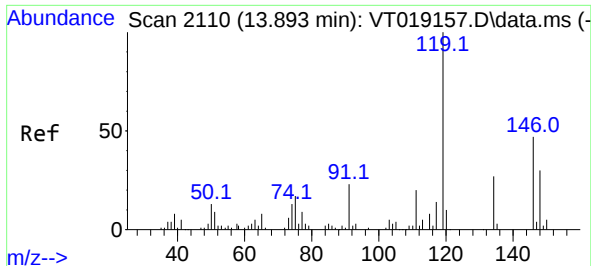
Ion Ratio Lower Upper

119 100

134 25.8 0.0 50.8

91 23.6 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 18.321 ug/l

RT: 13.893 min Scan# 2110

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC020

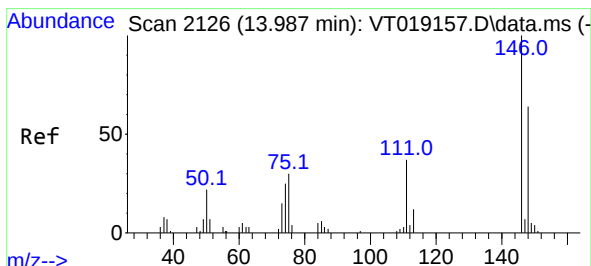
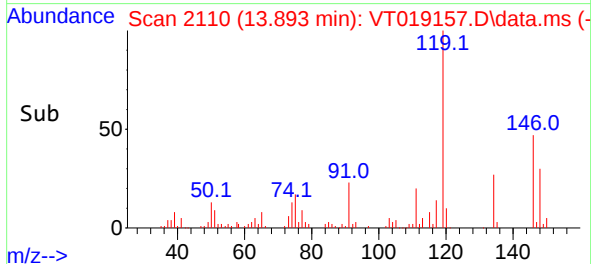
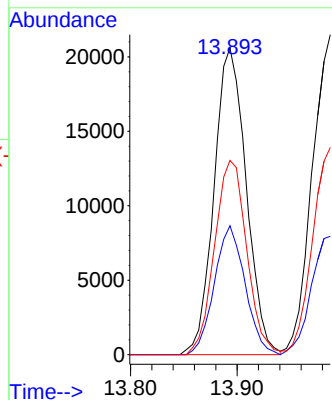
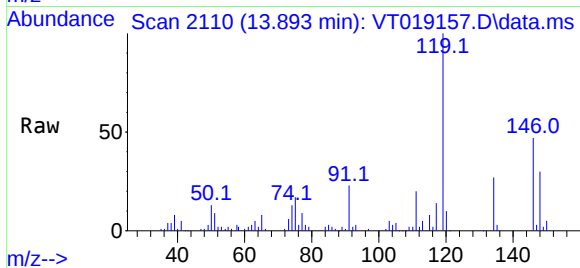
Tgt Ion:146 Resp: 43129

Ion Ratio Lower Upper

146 100

111 40.2 20.7 62.1

148 63.5 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 18.344 ug/l

RT: 13.987 min Scan# 2126

Delta R.T. 0.006 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

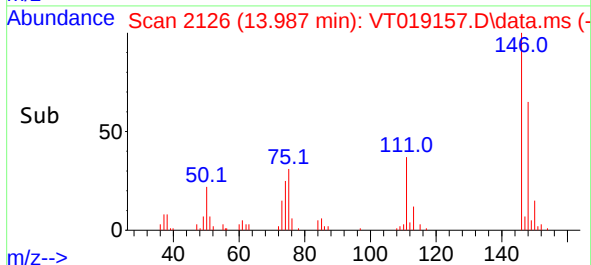
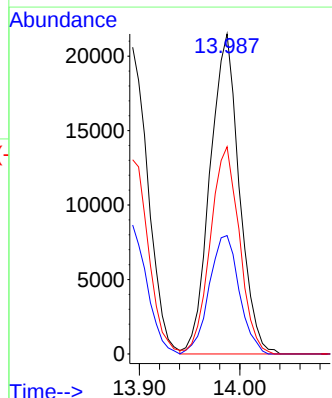
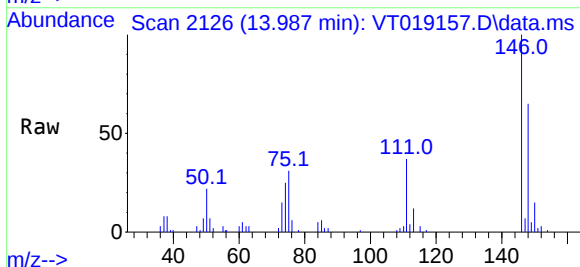
Tgt Ion:146 Resp: 43478

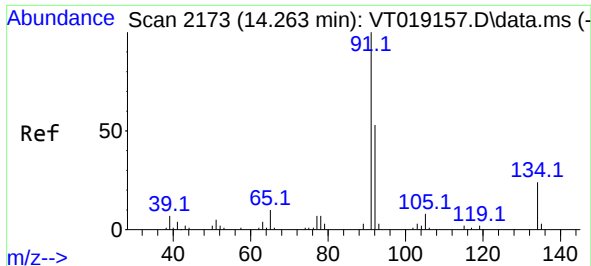
Ion Ratio Lower Upper

146 100

111 38.1 20.4 61.3

148 64.3 32.3 96.8

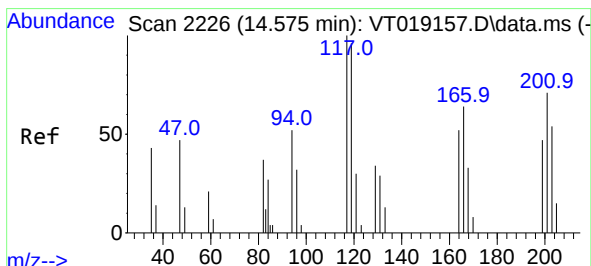
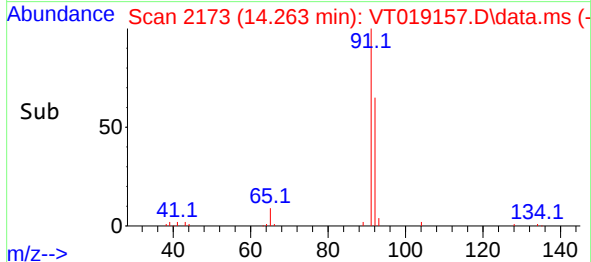
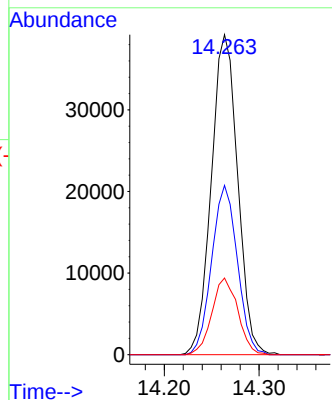
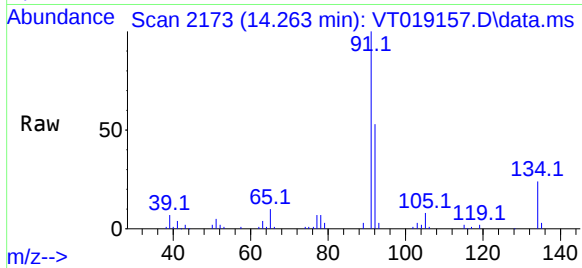




#85
n-Butylbenzene
Concen: 18.568 ug/l
RT: 14.263 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

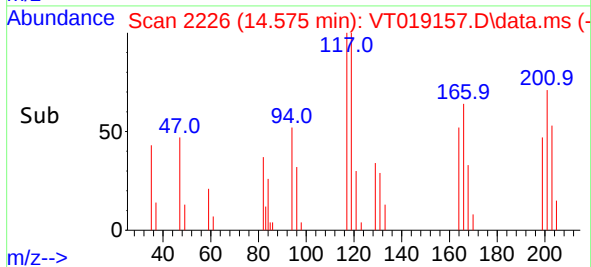
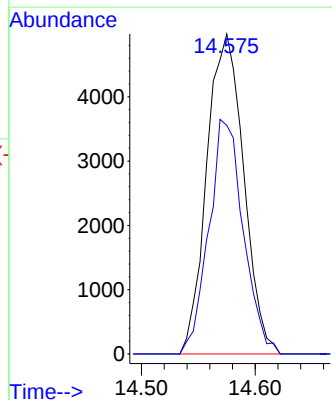
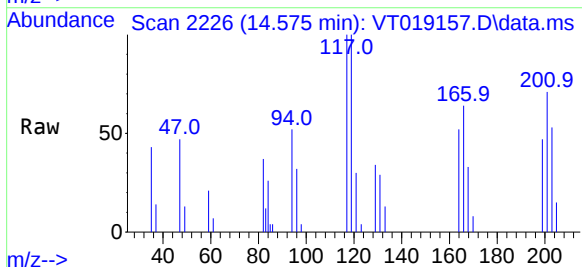
Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

Tgt Ion:	91	Resp:	75764
Ion	Ratio	Lower	Upper
91	100		
92	51.5	0.0	107.8
134	23.6	0.0	50.0

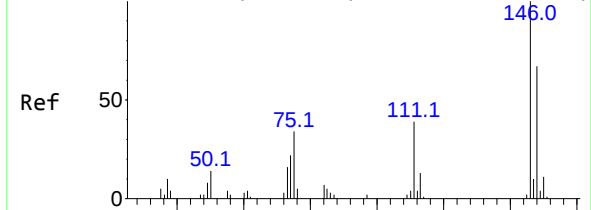


#86
Hexachloroethane
Concen: 18.767 ug/l
RT: 14.575 min Scan# 2226
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:	117	Resp:	11213
Ion	Ratio	Lower	Upper
117	100		
201	68.5	0.5	1.5#

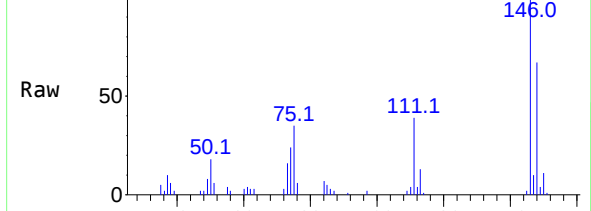


Abundance Scan 2182 (14.316 min): VT019157.D\data.ms (-



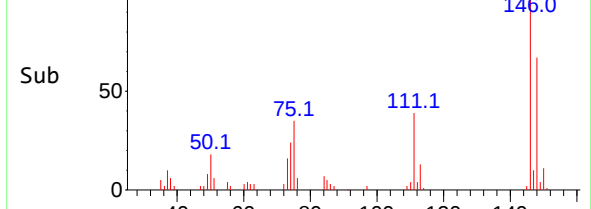
m/z-->

Abundance Scan 2182 (14.316 min): VT019157.D\data.ms



m/z-->

Abundance Scan 2182 (14.316 min): VT019157.D\data.ms (-



m/z-->

#87

1,2-Dichlorobenzene

Concen: 18.458 ug/l

RT: 14.316 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICCC020

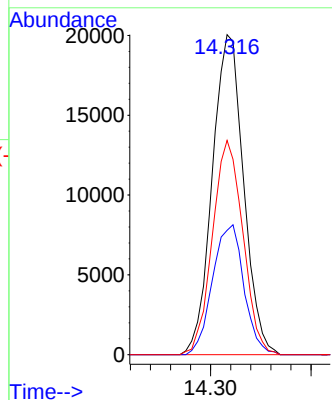
Tgt Ion:146 Resp: 43407

Ion Ratio Lower Upper

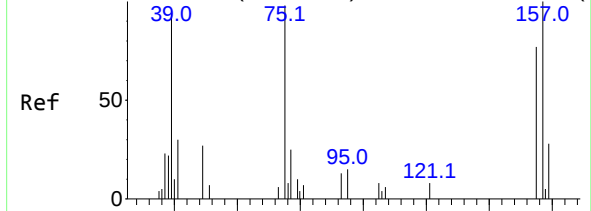
146 100

111 40.7 21.8 65.3

148 65.3 32.4 97.0

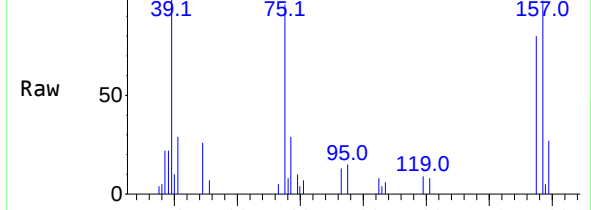


Abundance Scan 2302 (15.021 min): VT019157.D\data.ms (-



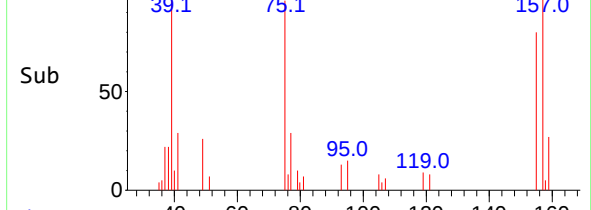
m/z-->

Abundance Scan 2302 (15.021 min): VT019157.D\data.ms



m/z-->

Abundance Scan 2302 (15.021 min): VT019157.D\data.ms (-



m/z-->

#88

1,2-Dibromo-3-Chloropropane

Concen: 18.381 ug/l

RT: 15.021 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VT019157.D

Acq: 22 Oct 2025 14:34

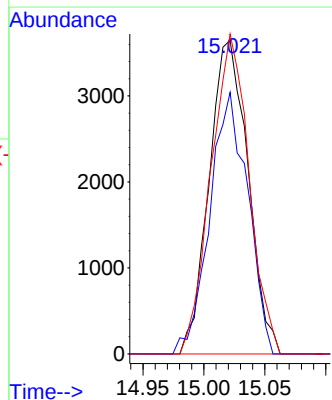
Tgt Ion: 75 Resp: 8088

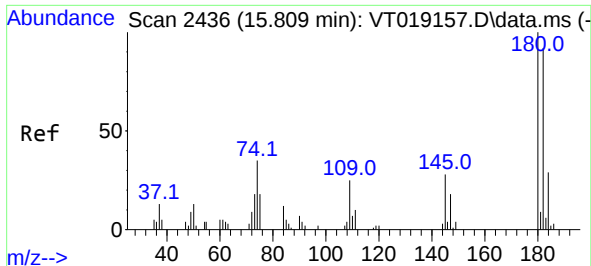
Ion Ratio Lower Upper

75 100

155 81.4 65.4 98.2

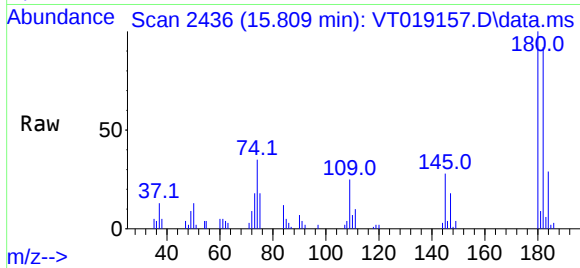
157 100.0 82.0 123.0



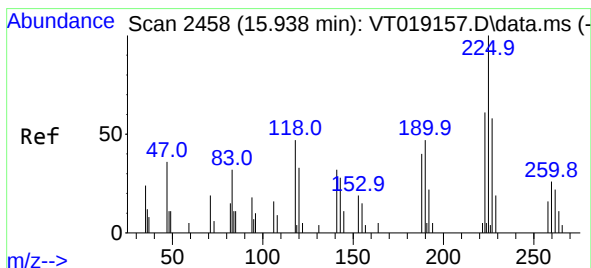
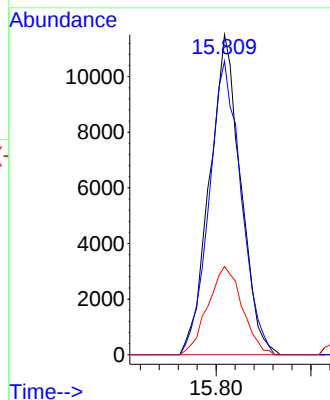
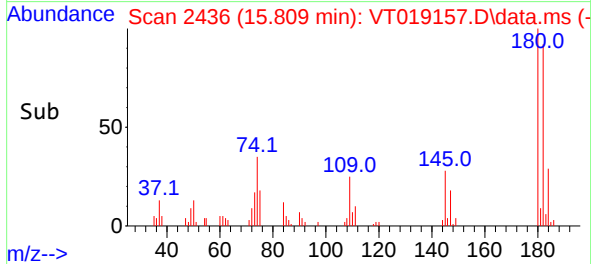


#89
1,2,4-Trichlorobenzene
Concen: 18.297 ug/l
RT: 15.809 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

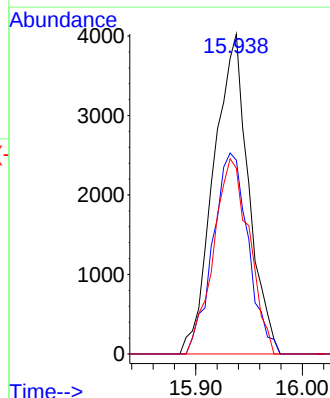
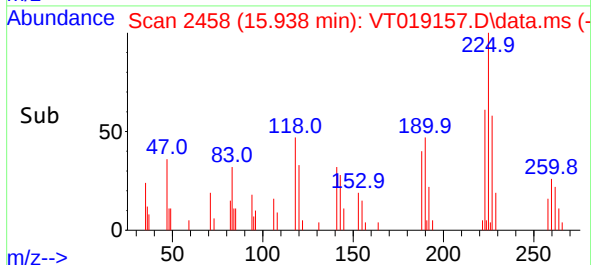
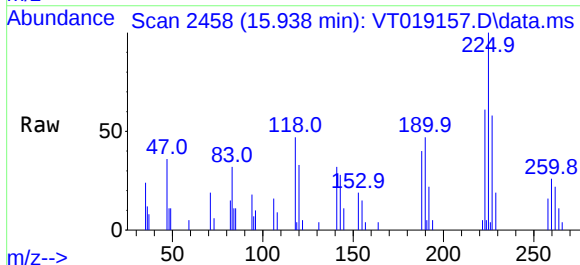


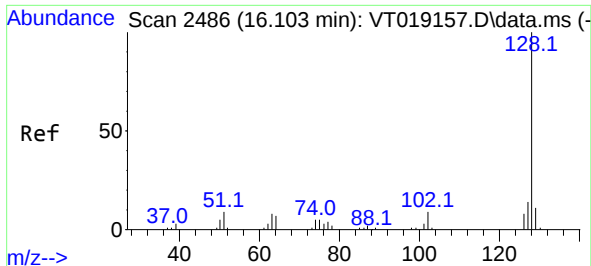
Tgt Ion:180 Resp: 26195
Ion Ratio Lower Upper
180 100
182 94.6 78.2 117.2
145 30.4 26.5 39.7



#90
Hexachlorobutadiene
Concen: 19.289 ug/l
RT: 15.938 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:225 Resp: 9156
Ion Ratio Lower Upper
225 100
223 63.6 0.0 73.8
227 62.5 0.0 130.6

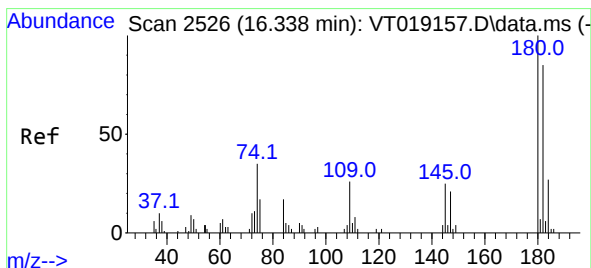
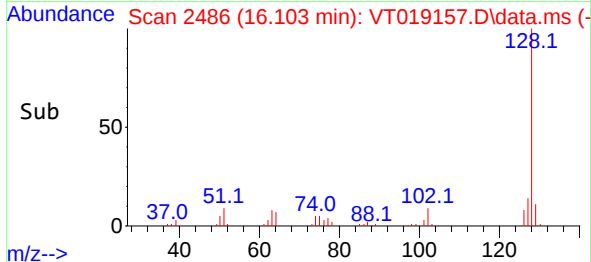
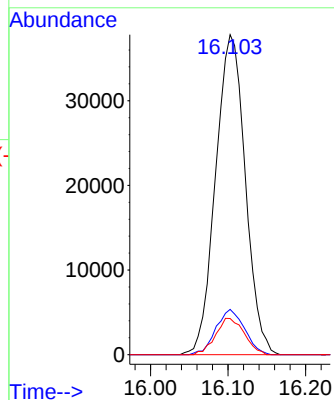
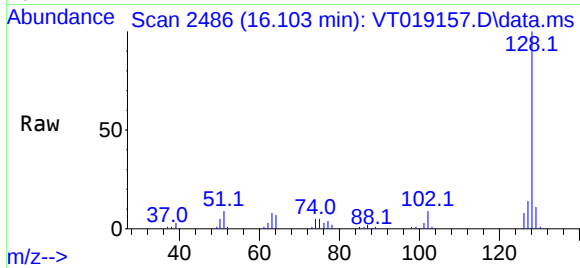




#91
Naphthalene
Concen: 18.209 ug/l
RT: 16.103 min Scan# 2486
Delta R.T. 0.006 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDICCC020

Tgt Ion:	128	Resp:	100763
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.0	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 18.678 ug/l
RT: 16.338 min Scan# 2526
Delta R.T. -0.000 min
Lab File: VT019157.D
Acq: 22 Oct 2025 14:34

Tgt Ion:	180	Resp:	26991
Ion	Ratio	Lower	Upper
180	100		
182	92.6	0.0	189.0
145	30.5	0.0	69.2

