

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019179.D
 Acq On : 24 Oct 2025 15:06
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL04

Quant Time: Oct 25 01:45:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.054	128	22175	30.000	ug/l	#-0.02
28) 1,4-Difluorobenzene	8.552	114	152797	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	126775	30.000	ug/l	-0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	61538	31.675	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.600%
60) 4-Bromofluorobenzene	12.859	95	58712	29.467	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.233%
63) Toluene-d8	10.233	98	184336	29.874	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	1642	2.698	ug/l	80
3) Chloromethane	2.113	50	202	0.145	ug/l #	47
4) Vinyl Chloride	2.189	62	3346	2.143	ug/l	96
5) Bromomethane	2.536	94	3828	2.952	ug/l	99
6) Chloroethane	2.671	64	3270	2.375	ug/l	98
7) Trichlorofluoromethane	2.976	101	6436	2.542	ug/l	99
8) Diethyl Ether	3.347	74	3615	2.319	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.664	101	3681	3.703	ug/l	86
10) 1,1-Dichloroethene	3.646	96	3666	3.681	ug/l	89
11) Methyl Iodide	3.858	142	1173	1.209	ug/l #	1
12) Methyl Acetate	4.199	43	7527	1.911	ug/l	94
13) Acrolein	3.529	56	1486	11.189	ug/l #	64
14) Acrylonitrile	4.821	53	14679	12.094	ug/l	97
15) Acetone	3.729	58	9199	21.273	ug/l	69
16) Carbon Disulfide	3.940	76	5251	2.823	ug/l #	75
17) Allyl chloride	4.199	41	4479	1.892	ug/l	80
18) Methylene Chloride	4.410	84	4670	3.144	ug/l #	85
19) trans-1,2-Dichloroethene	6.672	96	4277	2.792	ug/l	85
20) Diisopropyl ether	5.785	45	15104	2.507	ug/l #	61
21) 1,1-Dichloroethane	5.679	63	7566	2.687	ug/l #	94
22) cis-1,2-Dichloroethene	6.672	96	4277	2.792	ug/l #	83
23) tert-Butyl Alcohol	4.633	59	4588	8.628	ug/l #	100
24) Methyl tert-Butyl Ether	4.886	73	15488	2.588	ug/l #	84
25) Chloroform	7.242	83	7024	2.727	ug/l	99
26) Cyclohexane	7.548	56	5073	3.070	ug/l #	94
29) 1,1-Dichloropropene	7.689	75	3978	2.488	ug/l	93
30) 2-Butanone	6.672	43	26929	13.664	ug/l #	96
31) 2,2-Dichloropropane	6.666	77	6207	2.652	ug/l #	64
32) 1,1,1-Trichloroethane	7.448	97	5137	2.550	ug/l #	83
33) Carbon Tetrachloride	7.712	117	83	0.064	ug/l #	81
34) Benzene	7.959	78	14309	2.416	ug/l #	1
35) Methacrylonitrile	7.025	41	4122	2.457	ug/l	90
36) 1,2-Dichloroethane	8.047	62	5550	2.527	ug/l #	87
37) Trichloroethene	8.829	130	2734	2.509	ug/l	99
38) Methylcyclohexane	9.099	83	4603	2.859	ug/l	98
39) 1,2-Dichloropropane	9.140	63	3695	2.382	ug/l #	86
40) Dibromomethane	9.240	93	2361	2.468	ug/l #	74
41) Bromodichloromethane	10.762	83	2946	2.398	ug/l #	96
42) Vinyl Acetate	5.720	43	50886	10.524	ug/l	97

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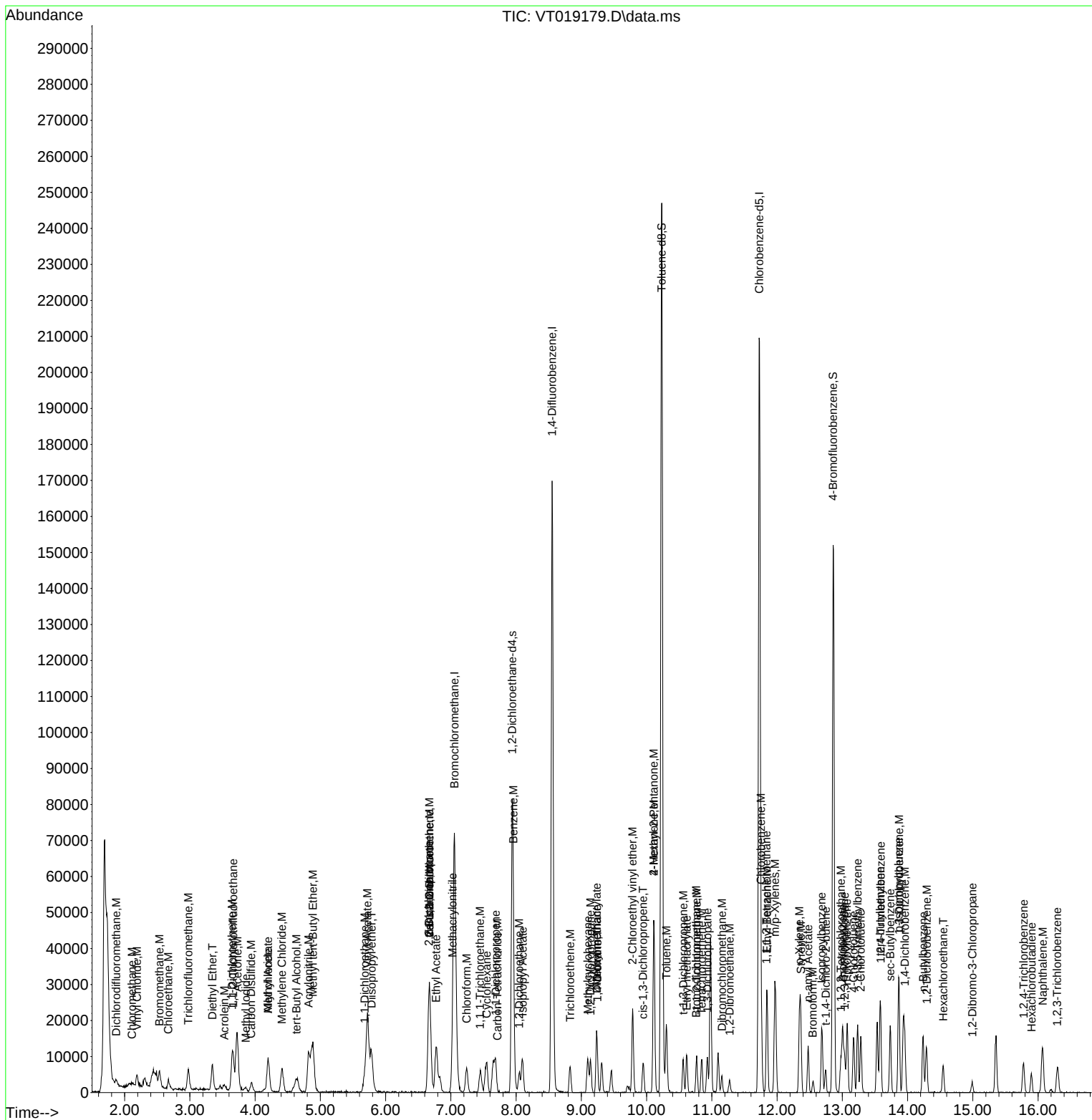
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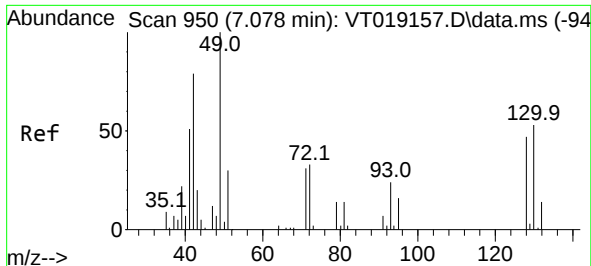
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.772	43	8649	2.670	ug/l #	80
44) Isopropyl Acetate	8.100	43	12143	2.382	ug/l	99
45) 1,4-Dioxane	9.246	88	2256	51.003	ug/l #	44
46) Methyl methacrylate	9.234	41	5148	2.258	ug/l	80
47) n-amyl Acetate	12.477	43	7848	2.287	ug/l	99
48) t-1,3-Dichloropropene	10.562	75	5336	2.393	ug/l #	88
49) cis-1,3-Dichloropropene	9.945	75	5678	2.424	ug/l	92
50) 1,1,2-Trichloroethane	10.767	97	3492	2.482	ug/l #	89
51) Ethyl methacrylate	10.615	69	6139	2.328	ug/l	91
52) 1,3-Dichloropropane	10.932	76	6314	2.513	ug/l	100
53) Dibromochloromethane	11.155	129	2579	1.965	ug/l #	6
54) 1,2-Dibromoethane	11.273	107	3128	2.390	ug/l	98
55) 2-Chloroethyl vinyl ether	9.786	63	10703	13.918	ug/l	96
56) Bromoform	12.548	173	1700	1.970	ug/l #	20
58) 4-Methyl-2-Pentanone	10.109	43	35313	11.374	ug/l	98
59) 2-Hexanone	10.109	43	35313	11.374	ug/l #	84
61) Tetrachloroethene	10.844	164	2004	2.501	ug/l #	70
62) Toluene	10.303	91	14598	2.571	ug/l	98
64) Chlorobenzene	11.755	112	8870	2.557	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.837	131	2711	2.400	ug/l	90
66) Ethyl Benzene	11.849	91	16181	2.622	ug/l	97
67) m/p-Xylenes	11.966	106	11426	4.981	ug/l	99
68) o-Xylene	12.342	106	5593	2.362	ug/l	98
69) Styrene	12.366	104	10245	2.410	ug/l	96
70) Isopropylbenzene	12.683	105	15293	2.633	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.977	83	5391	2.366	ug/l #	96
72) 1,2,3-Trichloropropane	13.035	75	5168	3.072	ug/l #	38
73) Bromobenzene	13.006	156	3355	2.456	ug/l	60
74) n-propylbenzene	13.071	91	18092	2.583	ug/l	98
75) 2-Chlorotoluene	13.282	91	10962	2.557	ug/l	94
76) 1,3,5-Trimethylbenzene	13.235	105	12056	2.530	ug/l	90
77) t-1,4-Dichloro-2-butene	12.748	75	1692	2.070	ug/l	79
78) 4-Chlorotoluene	13.171	91	10834	2.562	ug/l	93
79) tert-butylbenzene	13.582	119	2766	0.654	ug/l	78
80) 1,2,4-Trimethylbenzene	13.588	105	12204	2.455	ug/l	96
81) sec-Butylbenzene	13.735	105	16120	2.644	ug/l	98
82) p-Isopropyltoluene	13.864	119	13187	2.599	ug/l	97
83) 1,3-Dichlorobenzene	13.870	146	7073	2.641	ug/l	95
84) 1,4-Dichlorobenzene	13.958	146	6891	2.555	ug/l	96
85) n-Butylbenzene	14.240	91	12284	2.646	ug/l	95
86) Hexachloroethane	14.545	117	1762	2.592	ug/l #	1
87) 1,2-Dichlorobenzene	14.293	146	6951	2.598	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.992	75	724	1.446	ug/l	88
89) 1,2,4-Trichlorobenzene	15.779	180	4531	2.781	ug/l #	91
90) Hexachlorobutadiene	15.903	225	1707	3.160	ug/l	83
91) Naphthalene	16.073	128	16132	2.562	ug/l #	94
92) 1,2,3-Trichlorobenzene	16.291	180	2656	1.615	ug/l	55

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

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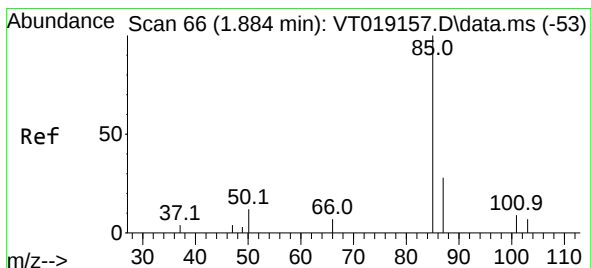
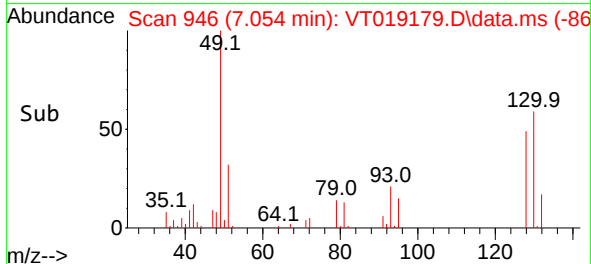
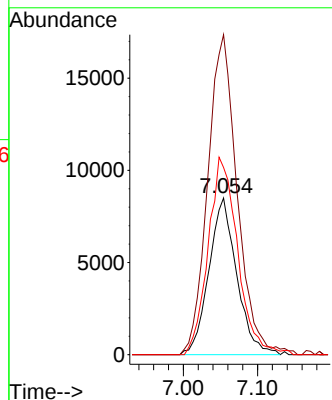
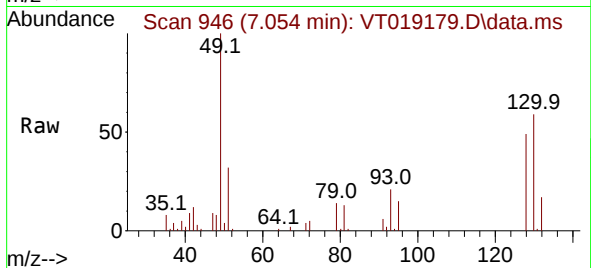




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.054 min Scan# 94
Delta R.T. -0.024 min
Lab File: VT019179.D
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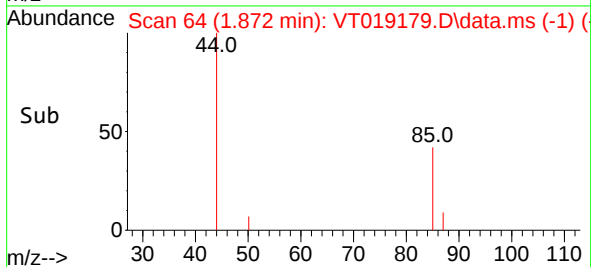
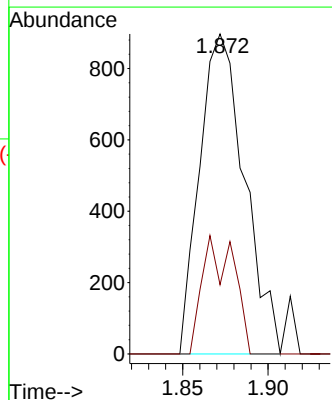
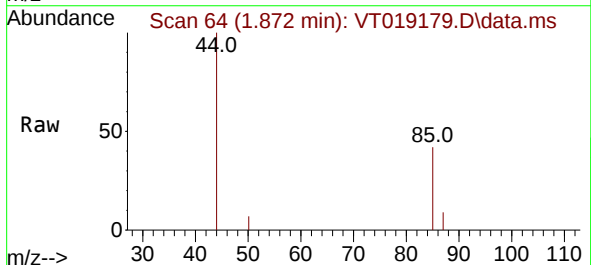
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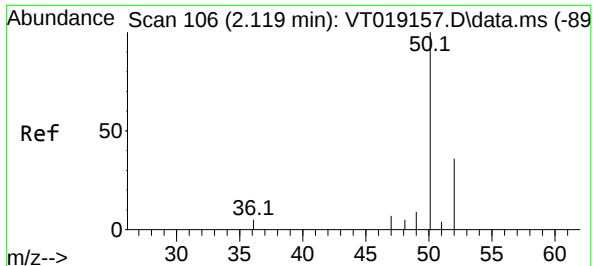
Tgt Ion:128 Resp: 22175
Ion Ratio Lower Upper
128 100
49 214.0 0.0 0.0#
130 133.2 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.698 ug/l
RT: 1.872 min Scan# 64
Delta R.T. -0.006 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 85 Resp: 1642
Ion Ratio Lower Upper
85 100
87 21.6 16.4 49.1

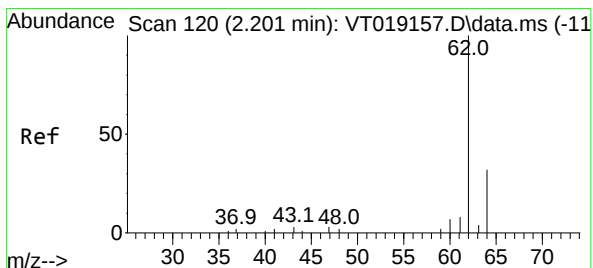
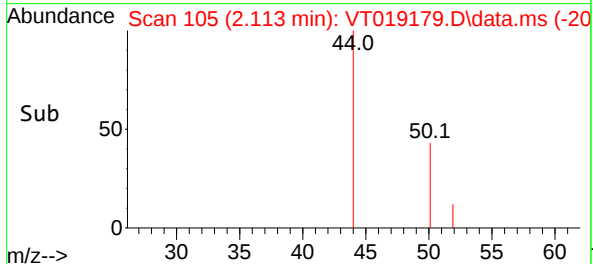
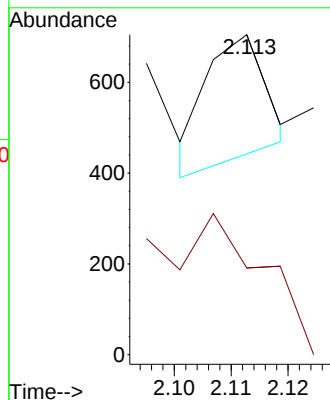
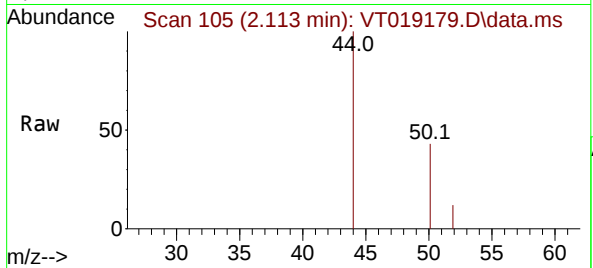




#3
Chloromethane
Concen: 0.145 ug/l
RT: 2.113 min Scan# 105
Delta R.T. -0.000 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

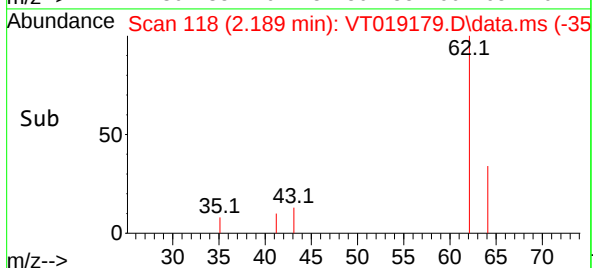
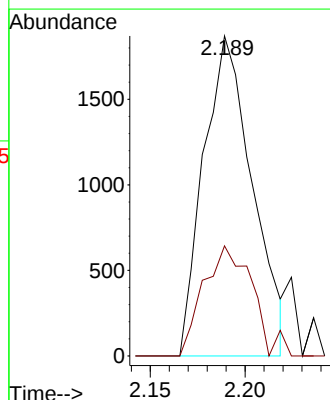
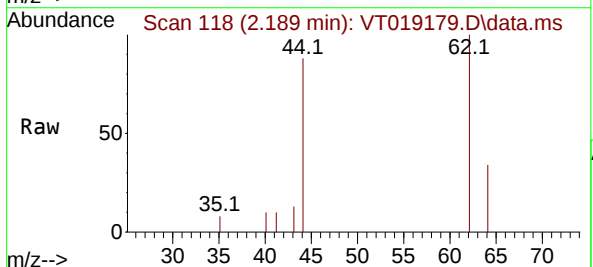
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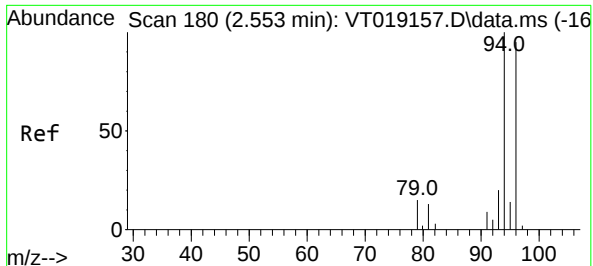
Tgt Ion: 50 Resp: 202
Ion Ratio Lower Upper
50 100
52 1.7 24.4 36.6#



#4
Vinyl Chloride
Concen: 2.143 ug/l
RT: 2.189 min Scan# 118
Delta R.T. -0.012 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 62 Resp: 3346
Ion Ratio Lower Upper
62 100
64 34.4 25.7 38.5

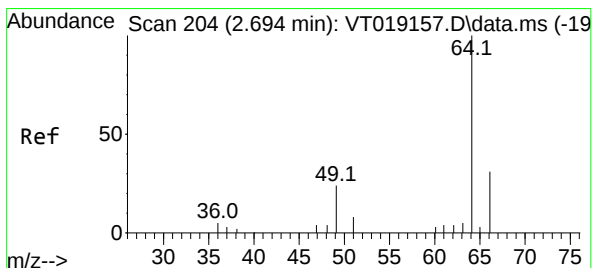
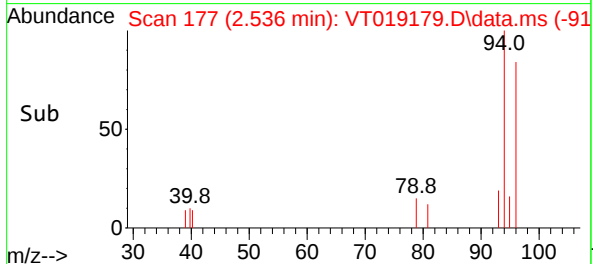
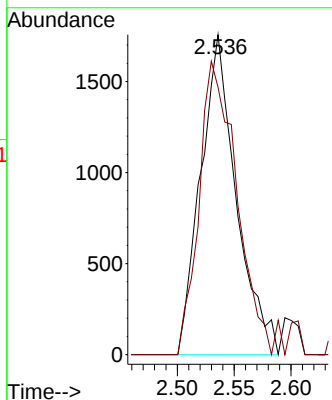
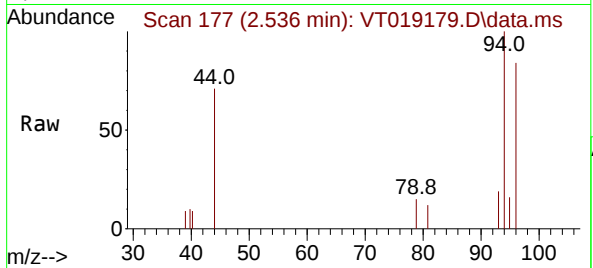




#5
Bromomethane
Concen: 2.952 ug/l
RT: 2.536 min Scan# 11
Delta R.T. 0.006 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

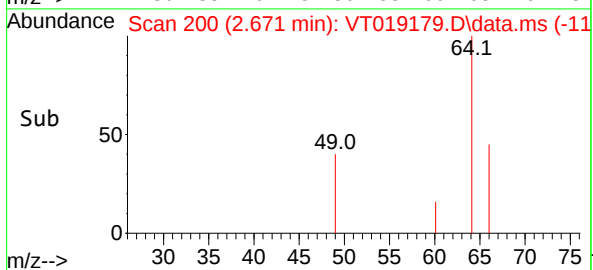
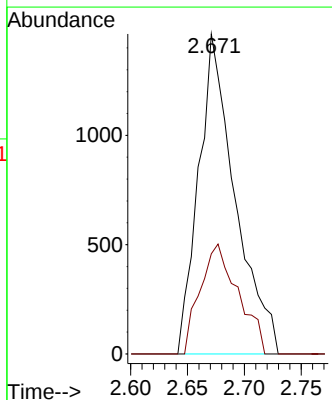
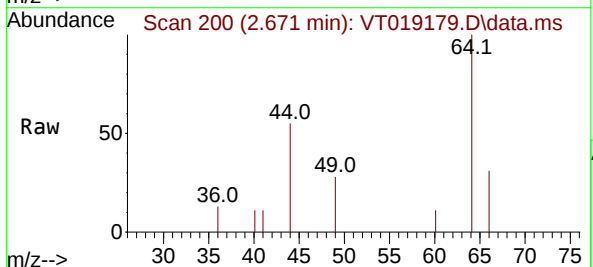
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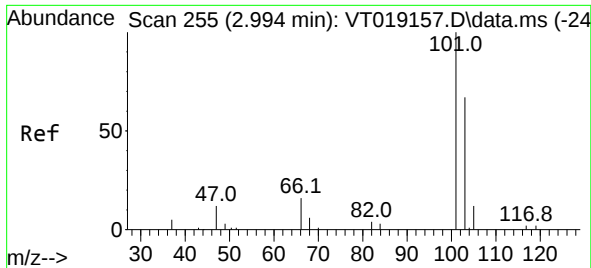
Tgt Ion: 94 Resp: 3828
Ion Ratio Lower Upper
94 100
96 83.6 66.0 99.0



#6
Chloroethane
Concen: 2.375 ug/l
RT: 2.671 min Scan# 200
Delta R.T. -0.006 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 64 Resp: 3270
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5

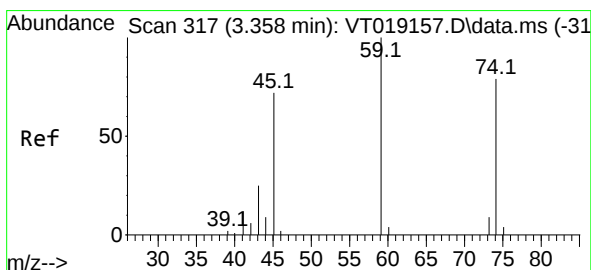
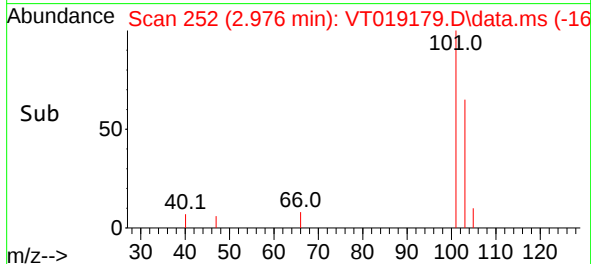
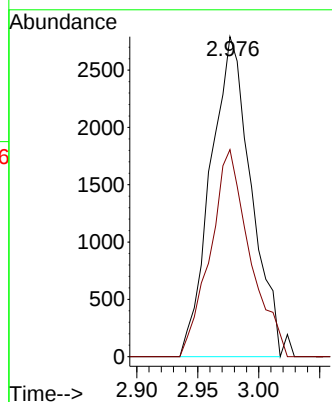
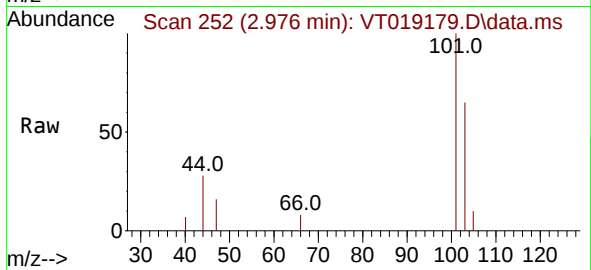




#7
 Trichlorofluoromethane
 Concen: 2.542 ug/l
 RT: 2.976 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

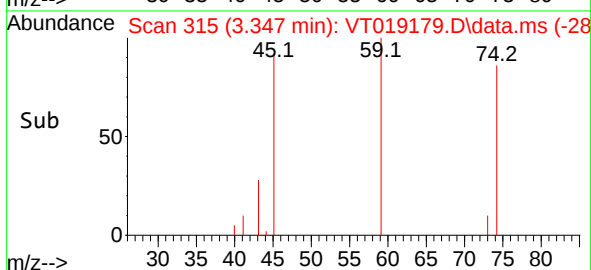
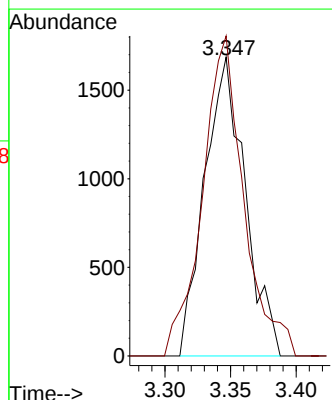
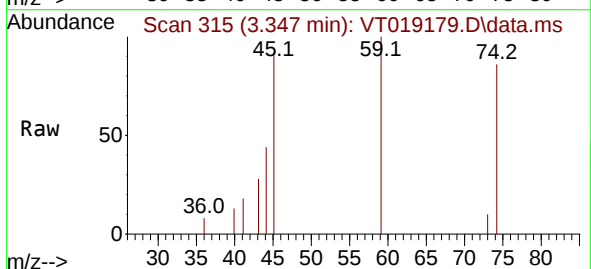
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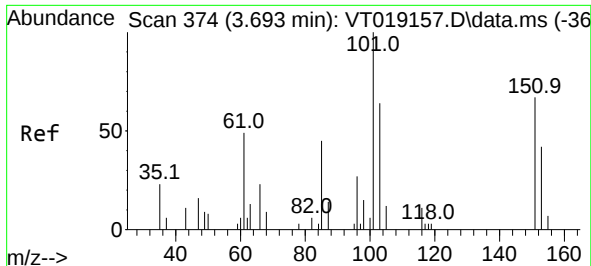
Tgt Ion:101 Resp: 6436
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6



#8
 Diethyl Ether
 Concen: 2.319 ug/l
 RT: 3.347 min Scan# 315
 Delta R.T. -0.011 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

Tgt Ion: 74 Resp: 3615
 Ion Ratio Lower Upper
 74 100
 45 109.3 22.0 197.6

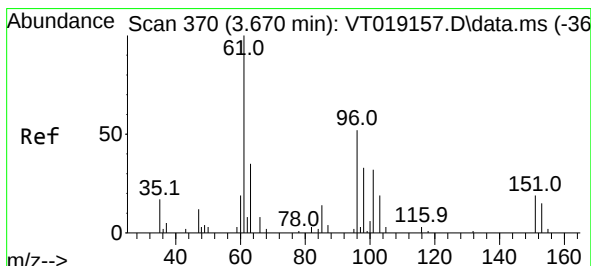
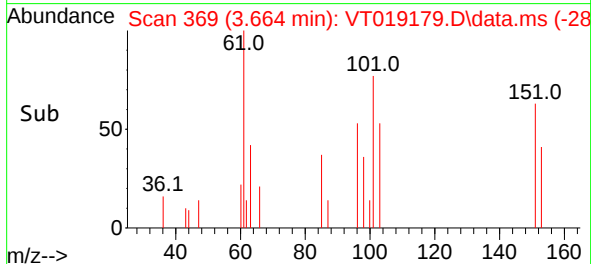
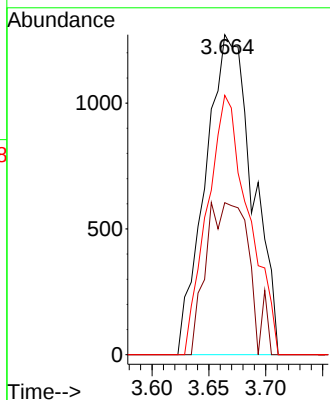
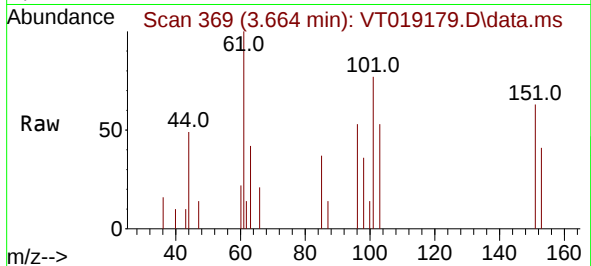




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 3.703 ug/l
 RT: 3.664 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: VT019179.D
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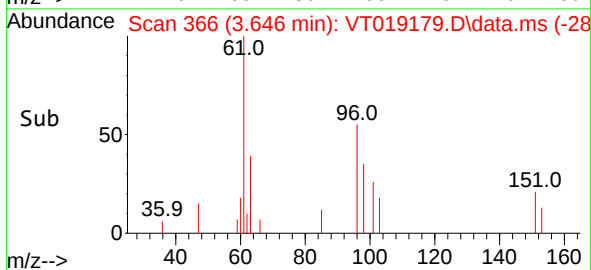
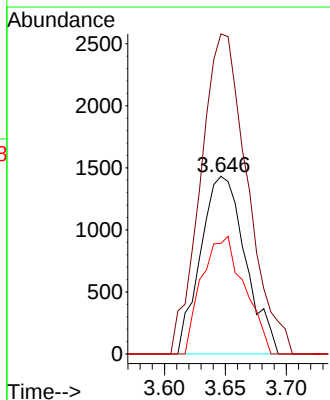
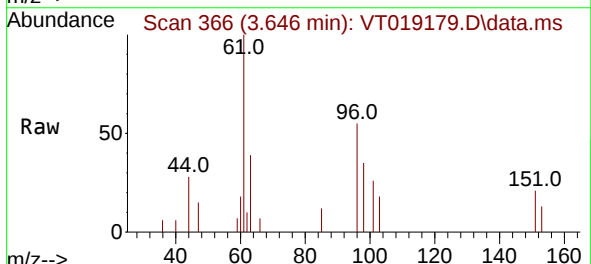
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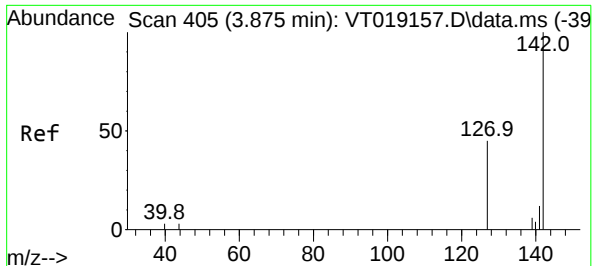
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 Ion Ratio Lower Upper
 101 100
 85 25.5 0.0 91.8
 151 70.7 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 3.681 ug/l
 RT: 3.646 min Scan# 366
 Delta R.T. -0.024 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

Tgt Ion: 96 Resp: 3666
 Ion Ratio Lower Upper
 96 100
 61 162.0 145.5 218.3
 98 62.3 49.5 74.3

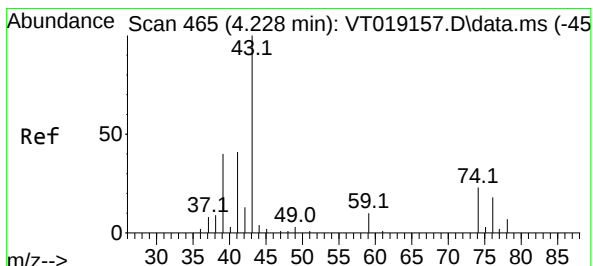
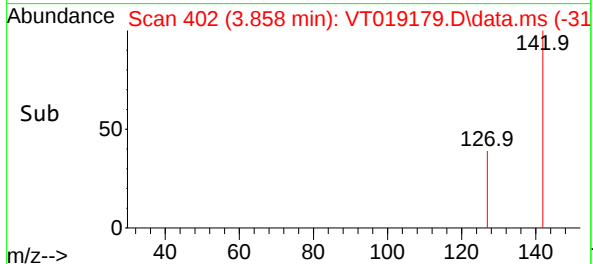
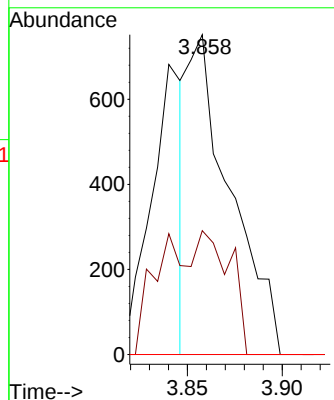
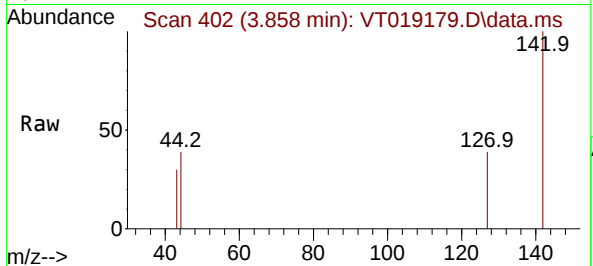




#11
Methyl Iodide
Concen: 1.209 ug/l
RT: 3.858 min Scan# 405
Delta R.T. -0.012 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

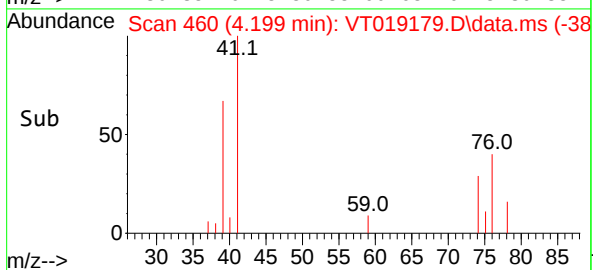
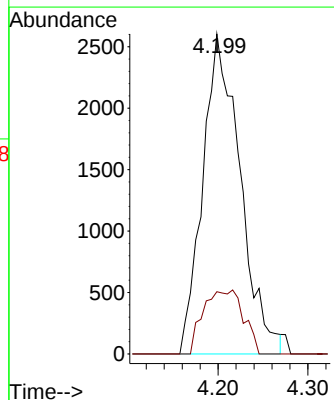
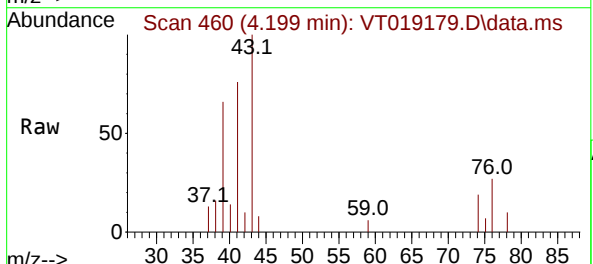
Instrument :
MSVOA_T
ClientSampleId :
MDL04

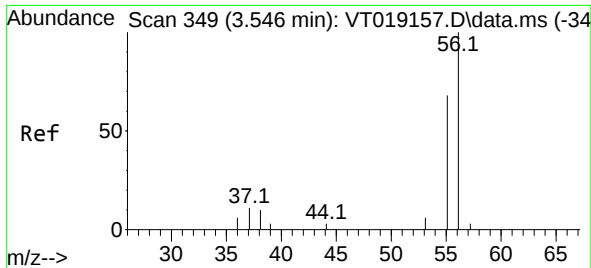
Tgt Ion:142 Resp: 1173
Ion Ratio Lower Upper
142 100
127 43.4 0.9 2.8#
141 0.0 55.5 166.5#



#12
Methyl Acetate
Concen: 1.911 ug/l
RT: 4.199 min Scan# 460
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 43 Resp: 7527
Ion Ratio Lower Upper
43 100
74 20.0 18.4 27.6





#13

Acrolein

Concen: 11.189 ug/l

RT: 3.529 min Scan# 34

Delta R.T. -0.017 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

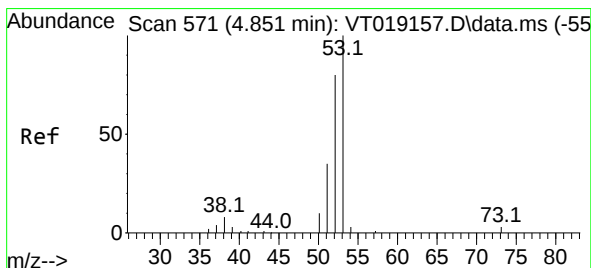
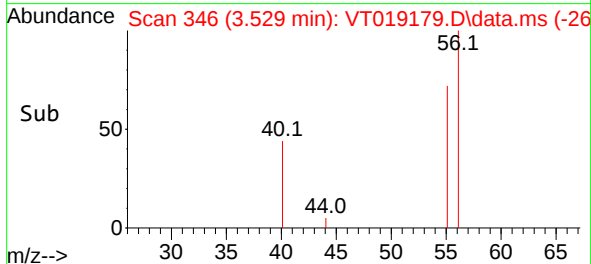
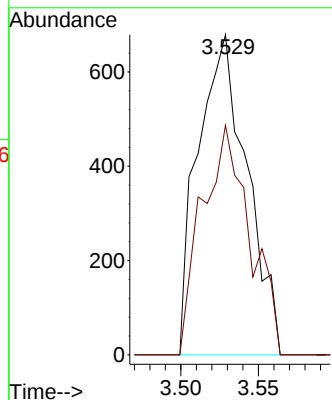
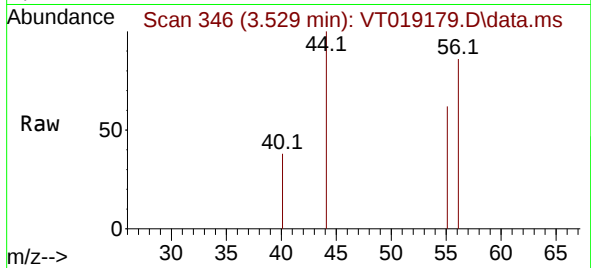
MDL04

Tgt Ion: 56 Resp: 1486

Ion Ratio Lower Upper

56 100

55 41.6 56.8 85.2#



#14

Acrylonitrile

Concen: 12.094 ug/l

RT: 4.821 min Scan# 566

Delta R.T. -0.030 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

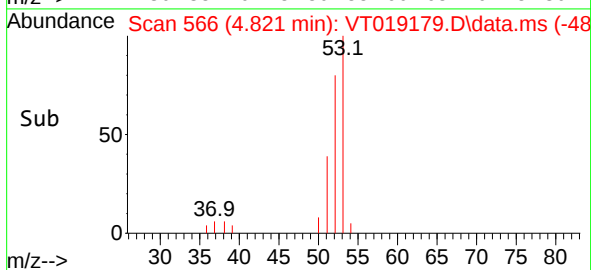
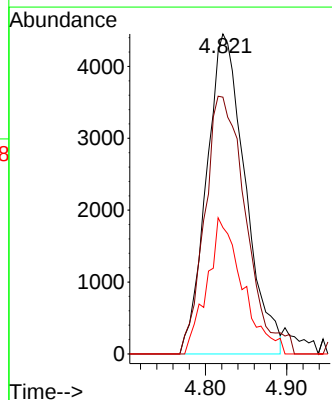
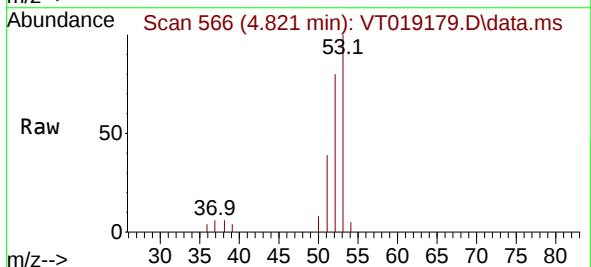
Tgt Ion: 53 Resp: 14679

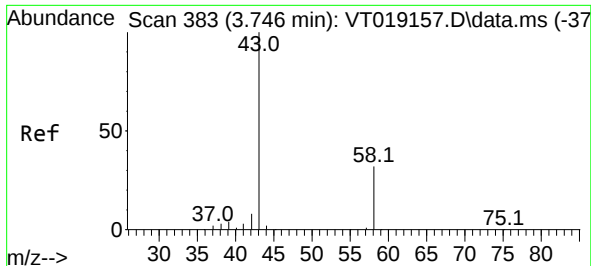
Ion Ratio Lower Upper

53 100

52 83.6 41.3 123.7

51 38.7 17.2 51.5

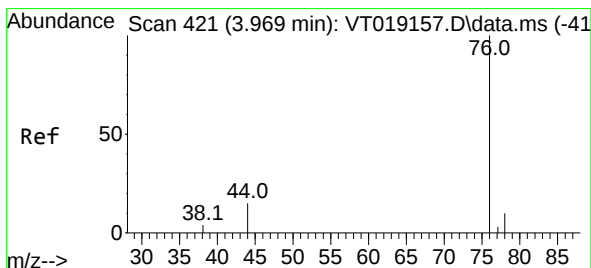
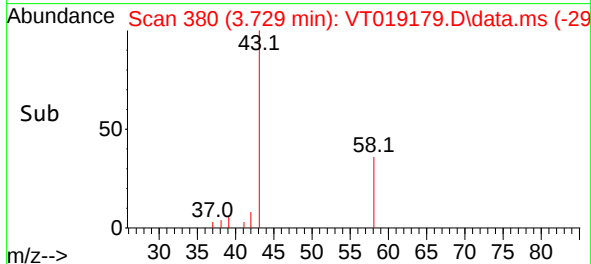
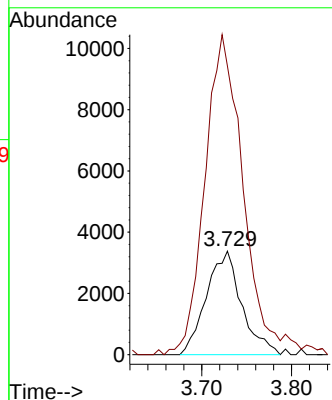
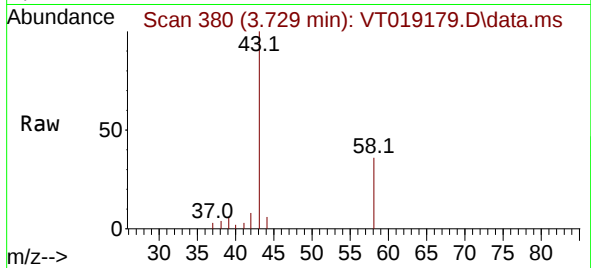




#15
Acetone
Concen: 21.273 ug/l
RT: 3.729 min Scan# 380
Delta R.T. -0.011 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

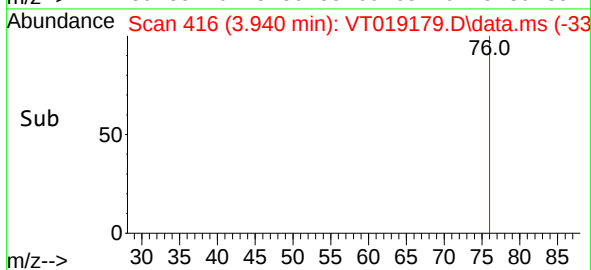
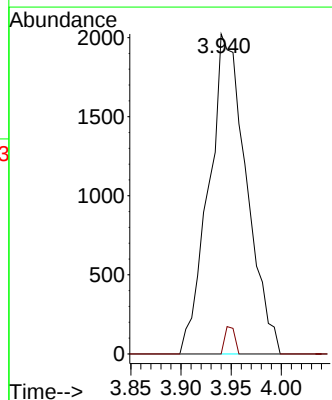
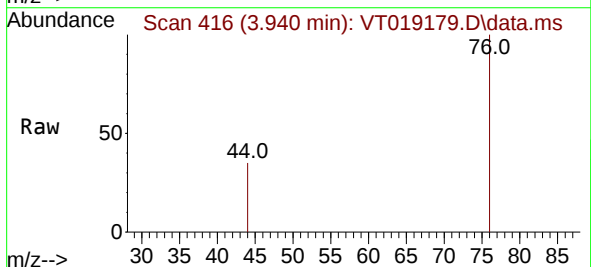
Instrument :
MSVOA_T
ClientSampleId :
MDL04

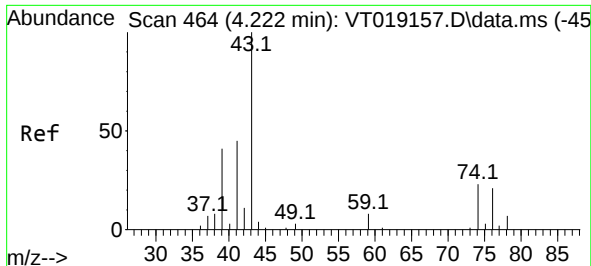
Tgt Ion: 58 Resp: 9199
Ion Ratio Lower Upper
58 100
43 268.6 266.9 400.3



#16
Carbon Disulfide
Concen: 2.823 ug/l
RT: 3.940 min Scan# 416
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 76 Resp: 5251
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

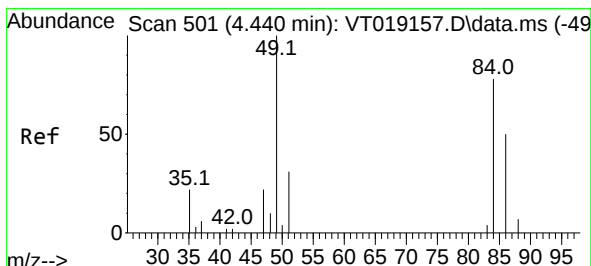
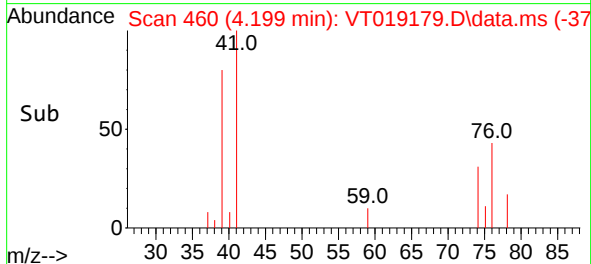
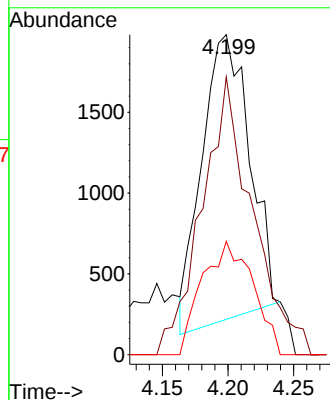
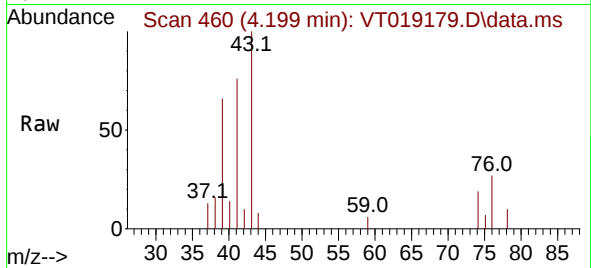




#17
 Allyl chloride
 Concen: 1.892 ug/l
 RT: 4.199 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

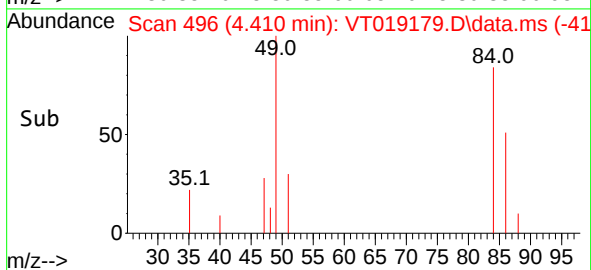
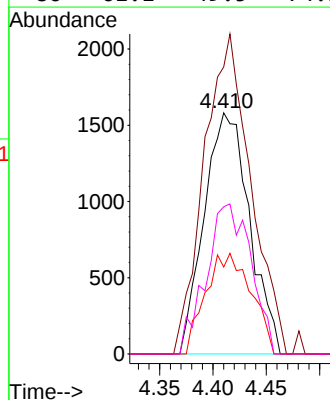
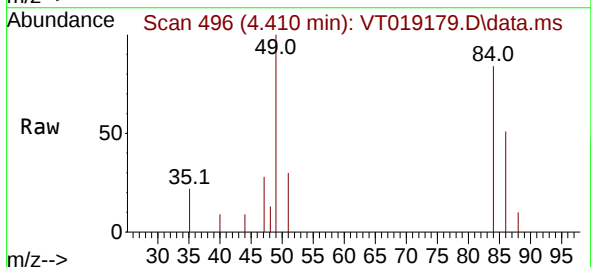
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL04

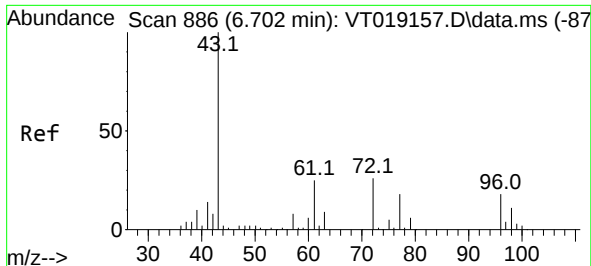
Tgt Ion:	41	Resp:	4479
Ion	Ratio	Lower	Upper
41	100		
39	86.4	34.3	102.8
76	42.4	16.7	50.0



#18
 Methylene Chloride
 Concen: 3.144 ug/l
 RT: 4.410 min Scan# 496
 Delta R.T. -0.018 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

Tgt Ion:	84	Resp:	4670
Ion	Ratio	Lower	Upper
84	100		
49	107.0	107.9	161.9#
51	36.0	33.4	50.2
86	61.1	49.5	74.3

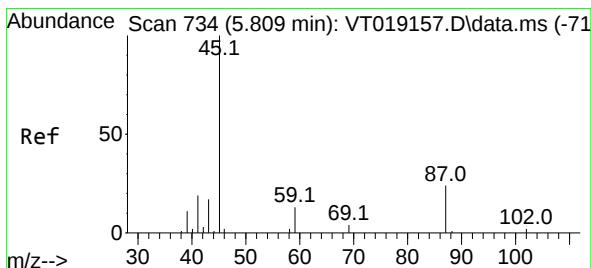
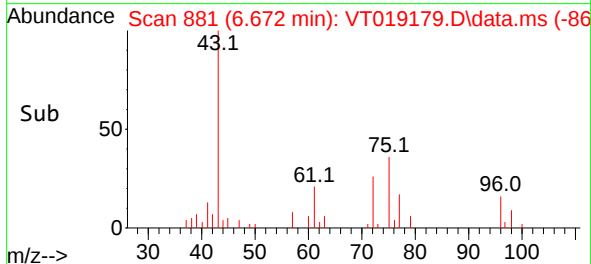
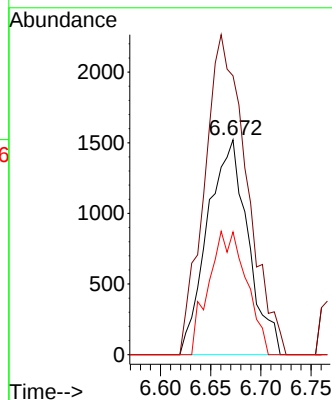
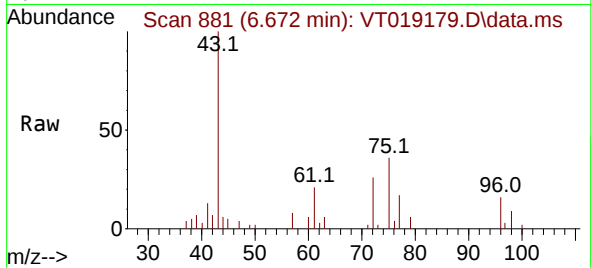




#19
trans-1,2-Dichloroethene
Concen: 2.792 ug/l
RT: 6.672 min Scan# 886
Delta R.T. -0.018 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

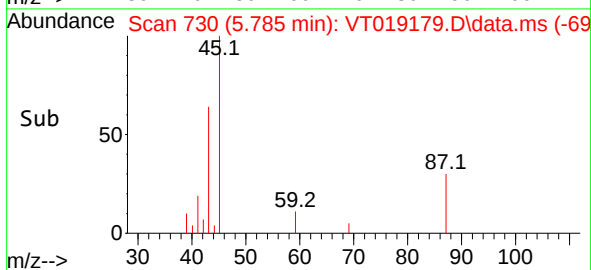
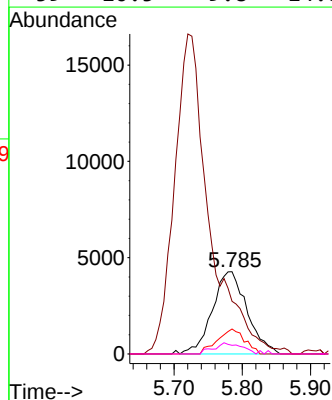
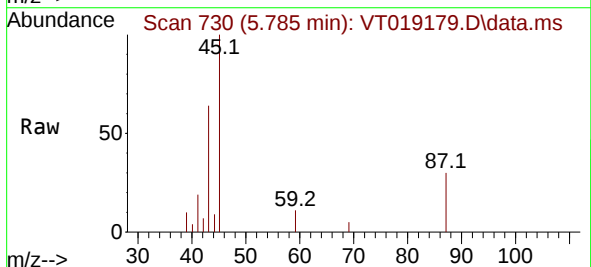
Instrument :
MSVOA_T
ClientSampleId :
MDL04

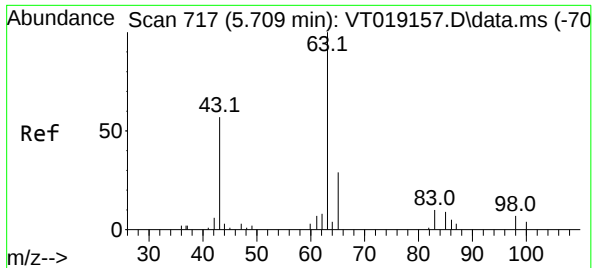
Tgt Ion: 96 Resp: 4277
Ion Ratio Lower Upper
96 100
61 129.8 122.3 183.5
98 57.1 50.2 75.2



#20
Diisopropyl ether
Concen: 2.507 ug/l
RT: 5.785 min Scan# 730
Delta R.T. -0.018 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 45 Resp: 15104
Ion Ratio Lower Upper
45 100
43 58.4 89.1 133.7#
87 30.5 21.3 31.9
59 10.5 9.8 14.8

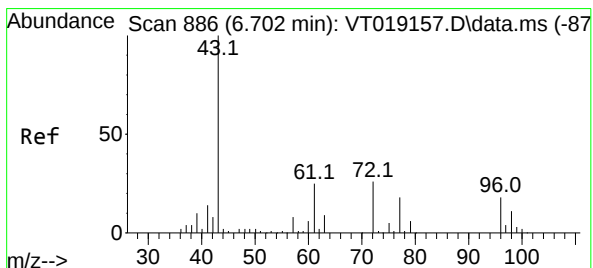
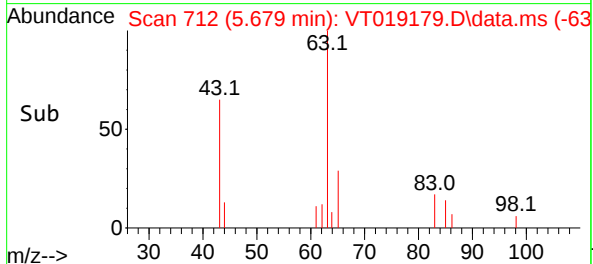
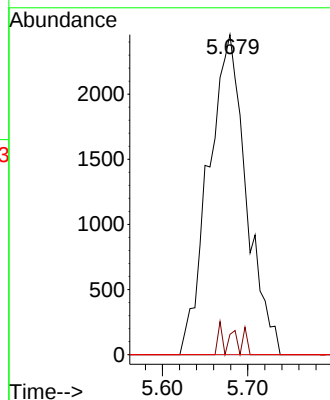
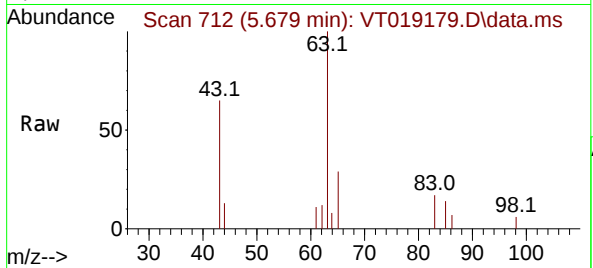




#21
1,1-Dichloroethane
Concen: 2.687 ug/l
RT: 5.679 min Scan# 717
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

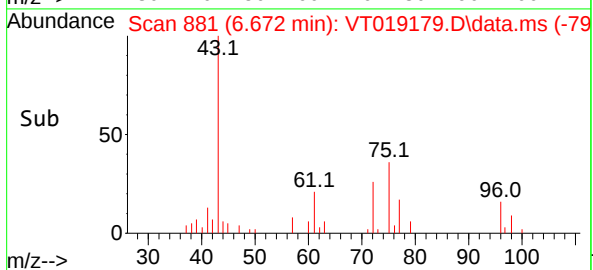
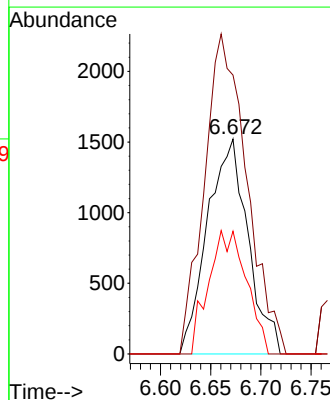
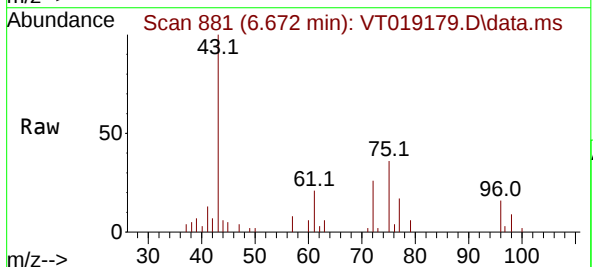
Instrument :
MSVOA_T
ClientSampleId :
MDL04

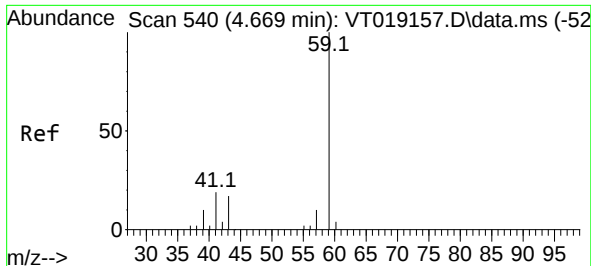
Tgt Ion: 63 Resp: 7566
Ion Ratio Lower Upper
63 100
98 6.3 3.5 10.5
100 0.0 2.2 6.6#



#22
cis-1,2-Dichloroethene
Concen: 2.792 ug/l
RT: 6.672 min Scan# 881
Delta R.T. -0.018 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 96 Resp: 4277
Ion Ratio Lower Upper
96 100
61 155.8 120.0 180.0
98 28.8 52.8 79.2#

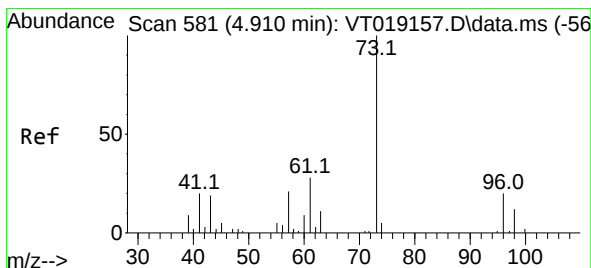
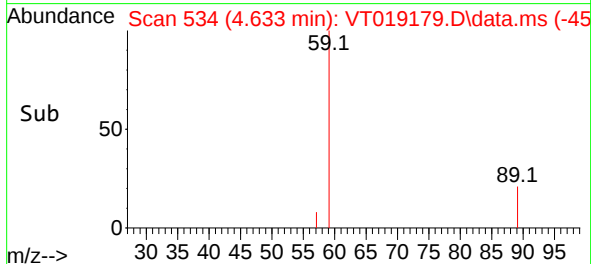
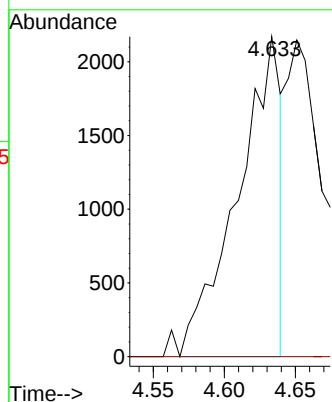
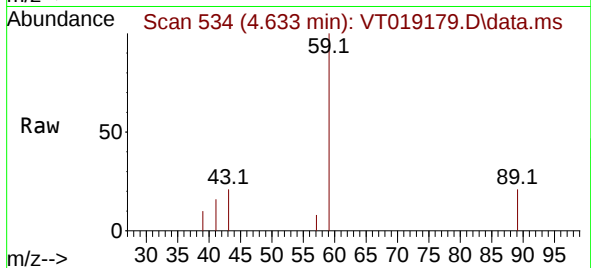




#23
tert-Butyl Alcohol
Concen: 8.628 ug/l
RT: 4.633 min Scan# 51
Delta R.T. -0.042 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

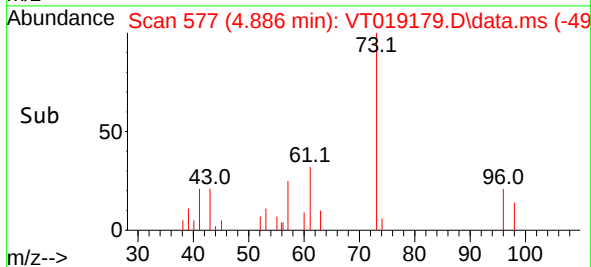
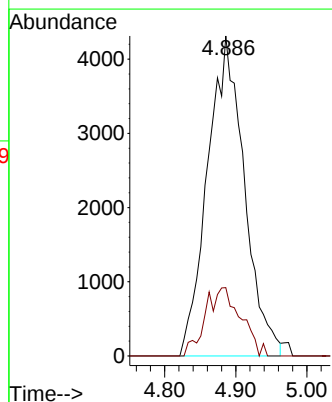
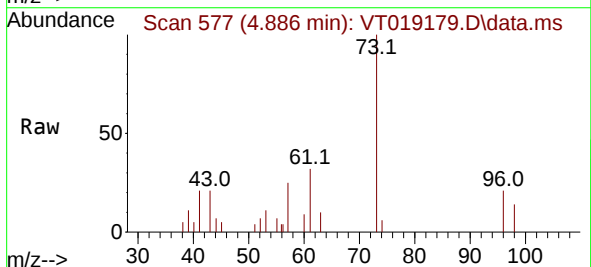
Instrument :
MSVOA_T
ClientSampleId :
MDL04

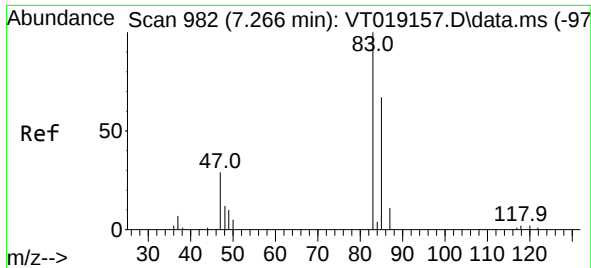
Tgt Ion: 59 Resp: 4588
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 2.588 ug/l
RT: 4.886 min Scan# 577
Delta R.T. -0.035 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 73 Resp: 15488
Ion Ratio Lower Upper
73 100
43 13.8 16.9 25.3#

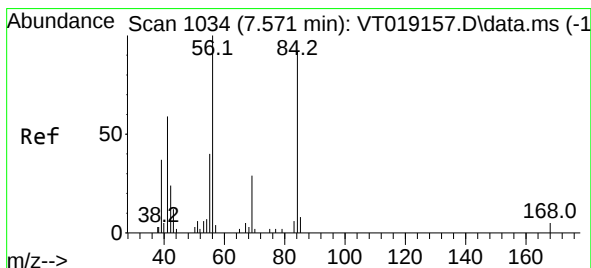
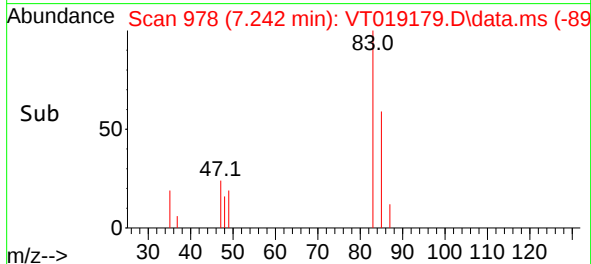
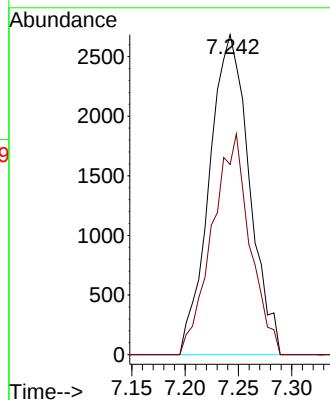
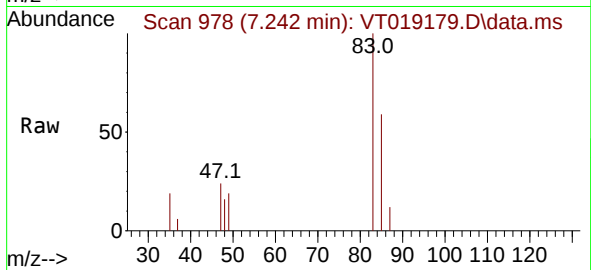




#25
Chloroform
Concen: 2.727 ug/l
RT: 7.242 min Scan# 91
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

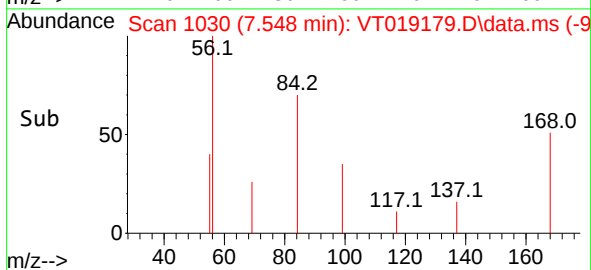
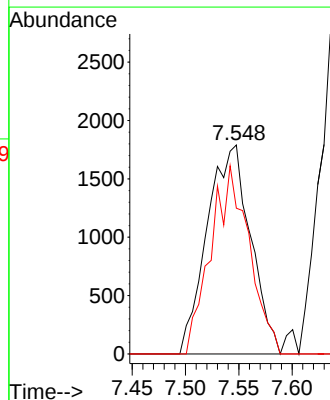
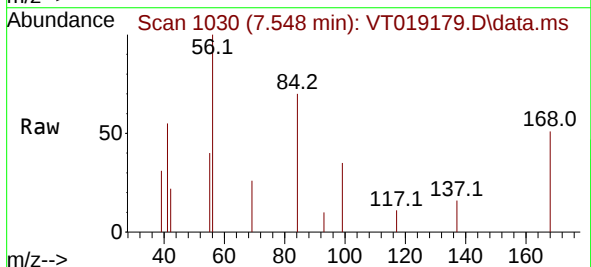
Instrument :
MSVOA_T
ClientSampleId :
MDL04

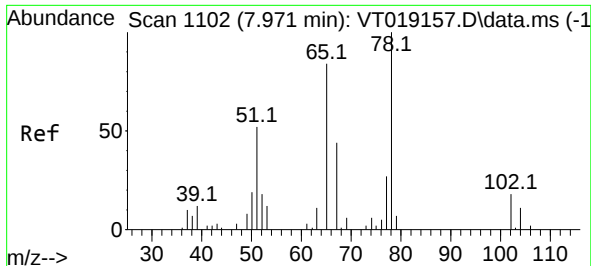
Tgt Ion: 83 Resp: 7024
Ion Ratio Lower Upper
83 100
85 59.5 48.0 72.0



#26
Cyclohexane
Concen: 3.070 ug/l
RT: 7.548 min Scan# 1030
Delta R.T. -0.017 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 56 Resp: 5073
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.6 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 31.675 ug/l

RT: 7.941 min Scan# 1102

Delta R.T. -0.030 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

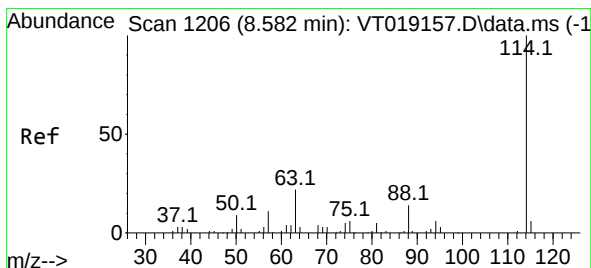
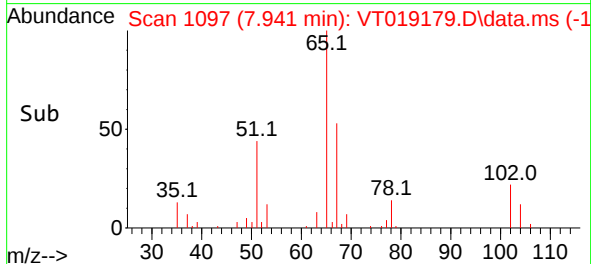
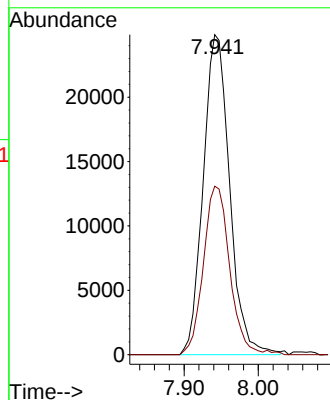
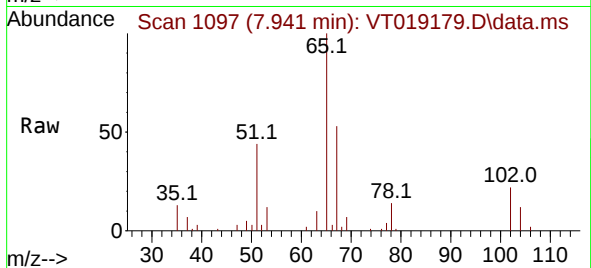
MDL04

Tgt Ion: 65 Resp: 61538

Ion Ratio Lower Upper

65 100

67 52.1 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.552 min Scan# 1201

Delta R.T. -0.024 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

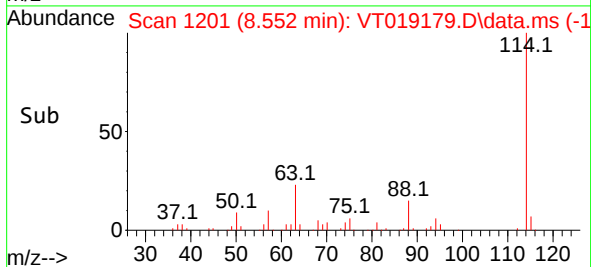
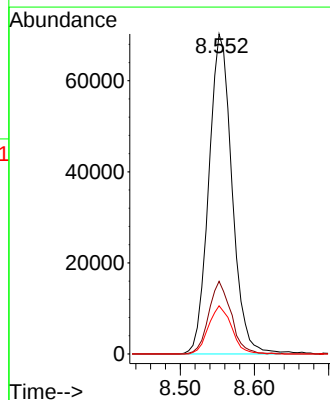
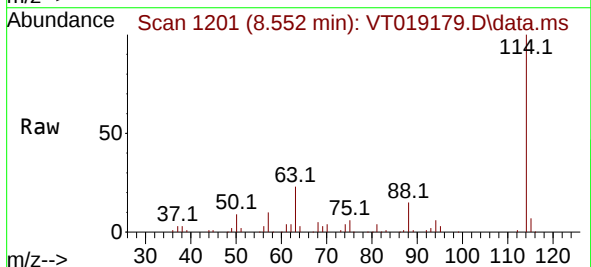
Tgt Ion: 114 Resp: 152797

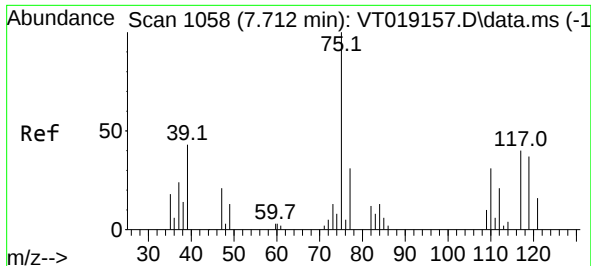
Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.0

88 14.9 13.0 19.6





#29

1,1-Dichloropropene

Concen: 2.488 ug/l

RT: 7.689 min Scan# 1054

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

MDL04

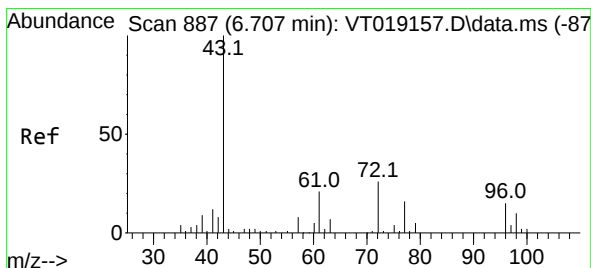
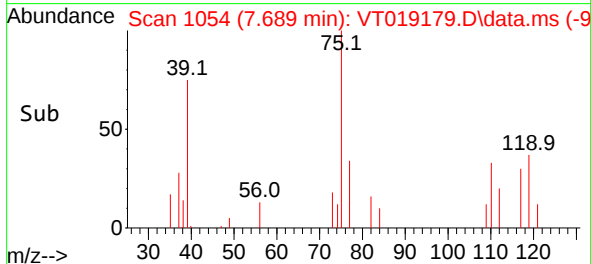
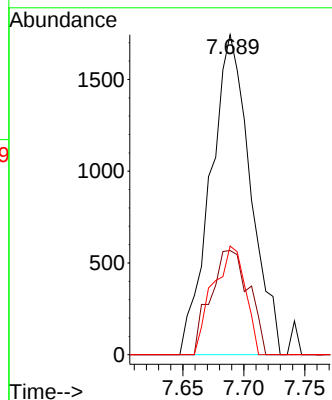
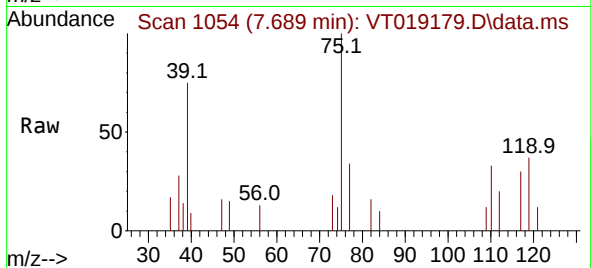
Tgt Ion: 75 Resp: 3978

Ion Ratio Lower Upper

75 100

110 31.2 0.0 70.8

77 27.4 0.0 61.6



#30

2-Butanone

Concen: 13.664 ug/l

RT: 6.672 min Scan# 881

Delta R.T. -0.030 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

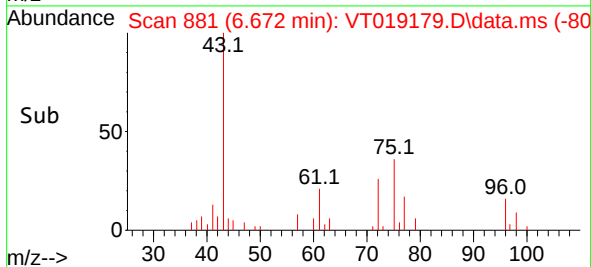
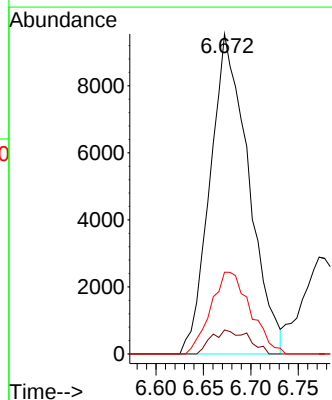
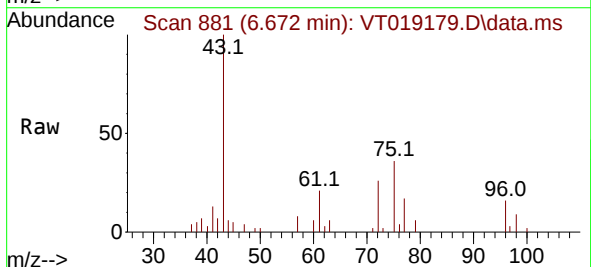
Tgt Ion: 43 Resp: 26929

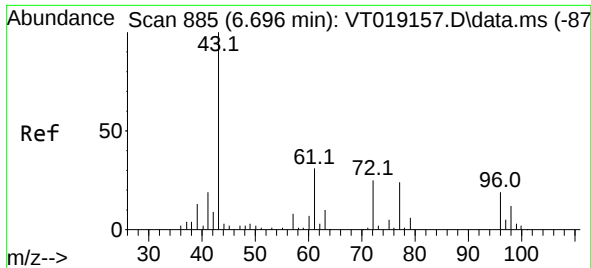
Ion Ratio Lower Upper

43 100

57 4.7 5.9 8.9

72 26.4 20.2 30.2

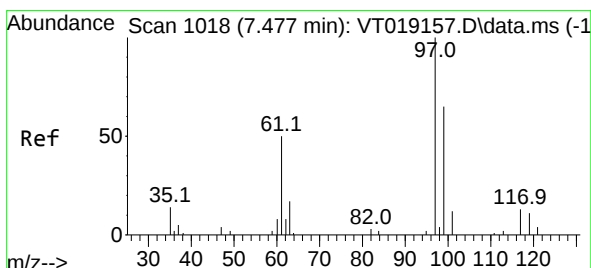
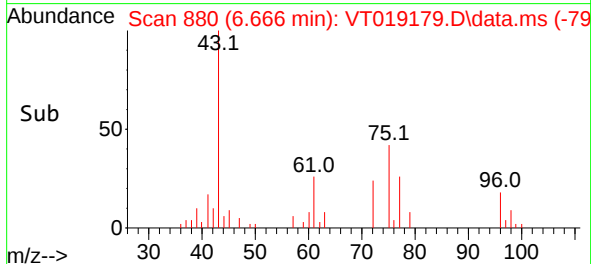
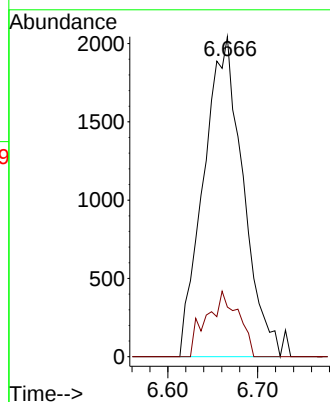
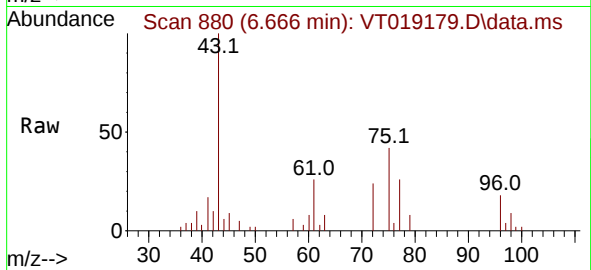




#31
2,2-Dichloropropane
Concen: 2.652 ug/l
RT: 6.666 min Scan# 81
Delta R.T. -0.018 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

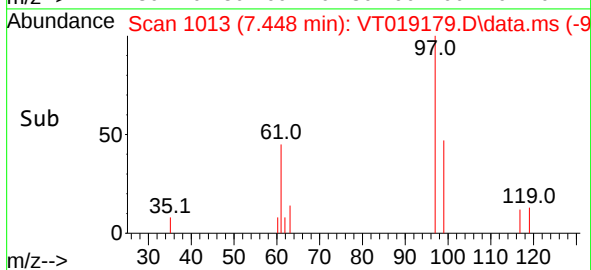
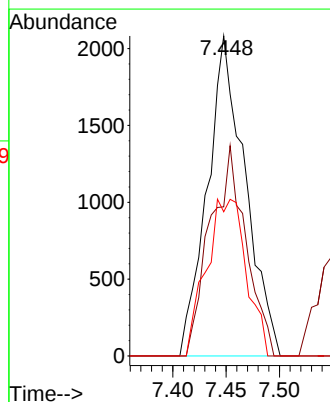
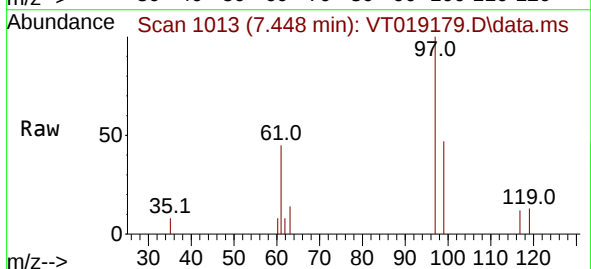
Instrument :
MSVOA_T
ClientSampleId :
MDL04

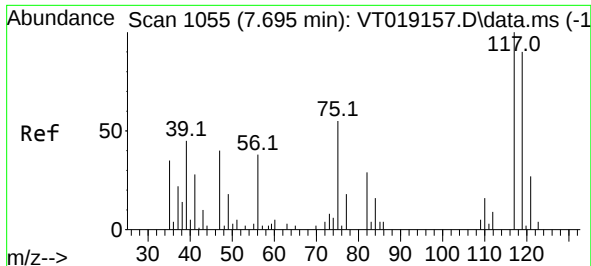
Tgt Ion: 77 Resp: 6207
Ion Ratio Lower Upper
77 100
97 2.1 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 2.550 ug/l
RT: 7.448 min Scan# 1013
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 97 Resp: 5137
Ion Ratio Lower Upper
97 100
99 39.7 30.0 45.0
61 26.3 36.1 54.1#

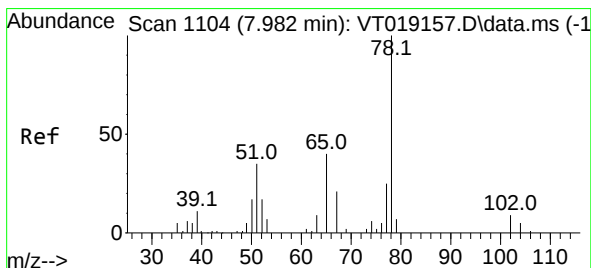
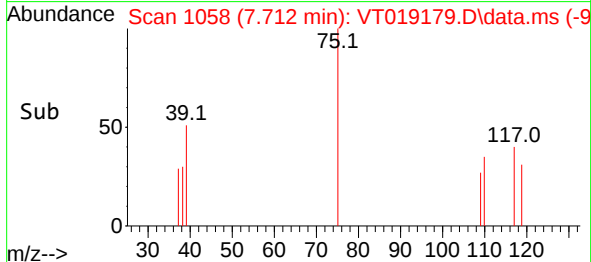
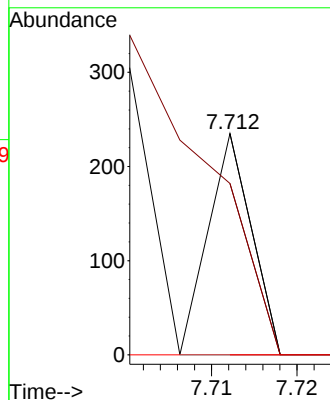
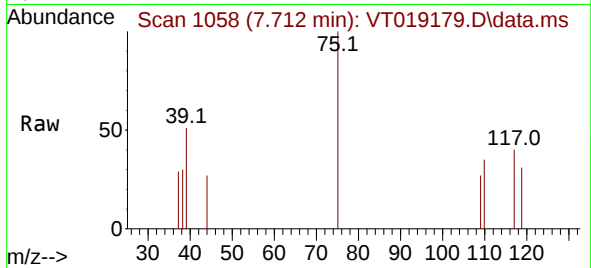




#33
Carbon Tetrachloride
Concen: 0.064 ug/l
RT: 7.712 min Scan# 1100
Delta R.T. 0.017 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

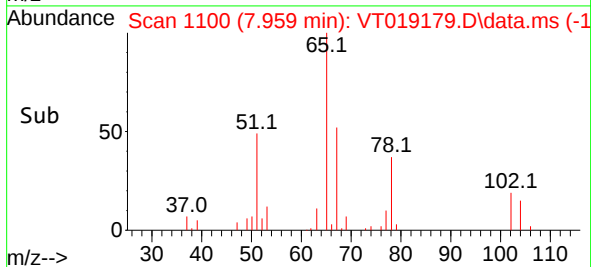
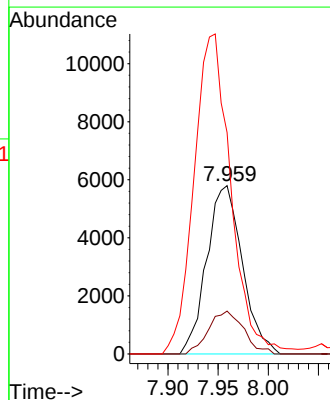
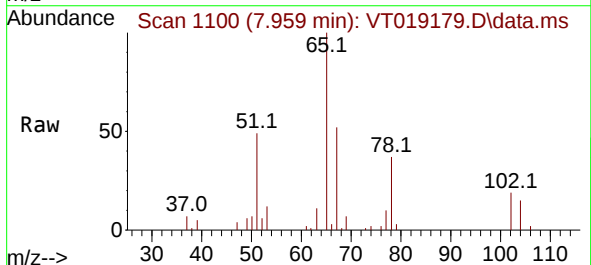
Instrument :
MSVOA_T
ClientSampleId :
MDL04

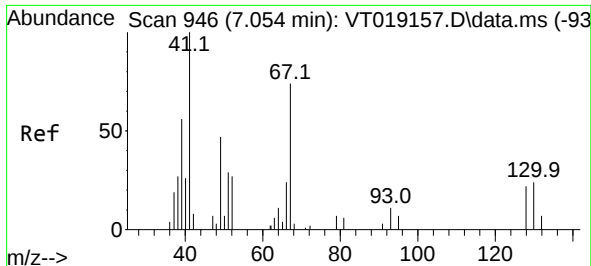
Tgt Ion:117 Resp: 83
Ion Ratio Lower Upper
117 100
119 77.4 76.5 114.7
121 0.0 0.5 0.7#



#34
Benzene
Concen: 2.416 ug/l
RT: 7.959 min Scan# 1100
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 78 Resp: 14309
Ion Ratio Lower Upper
78 100
77 25.4 17.6 26.4
51 127.9 13.8 20.6#





#35

Methacrylonitrile

Concen: 2.457 ug/l

RT: 7.025 min Scan# 941

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

MDL04

Tgt Ion: 41 Resp: 4122

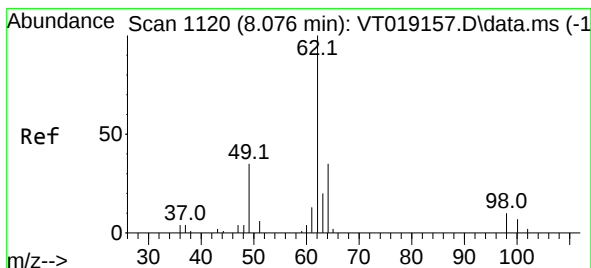
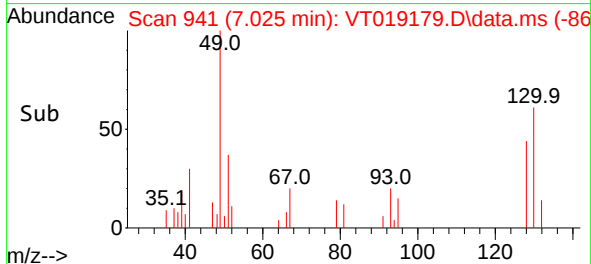
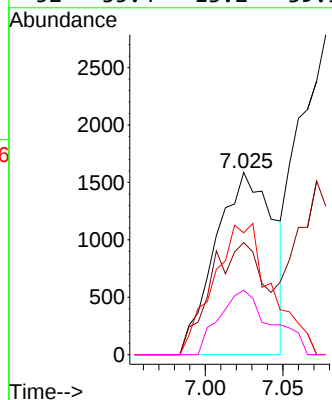
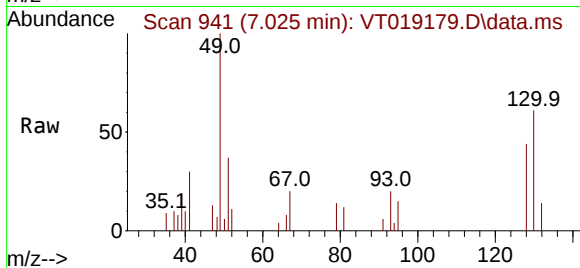
Ion Ratio Lower Upper

41 100

39 61.5 26.2 78.5

67 66.9 31.4 94.3

52 35.4 13.2 39.5



#36

1,2-Dichloroethane

Concen: 2.527 ug/l

RT: 8.047 min Scan# 1115

Delta R.T. -0.024 min

Lab File: VT019179.D

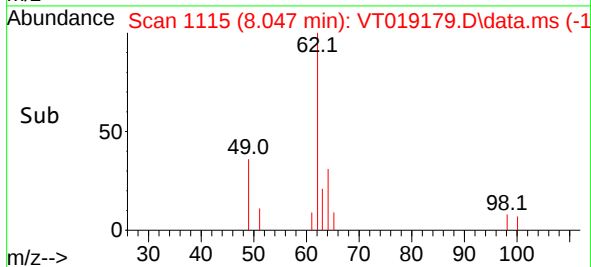
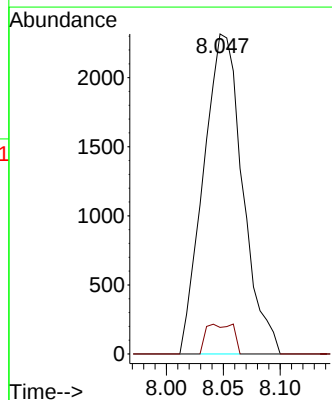
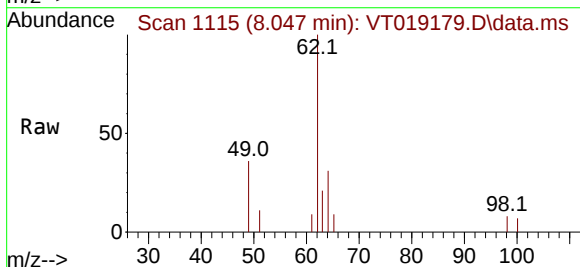
Acq: 24 Oct 2025 15:06

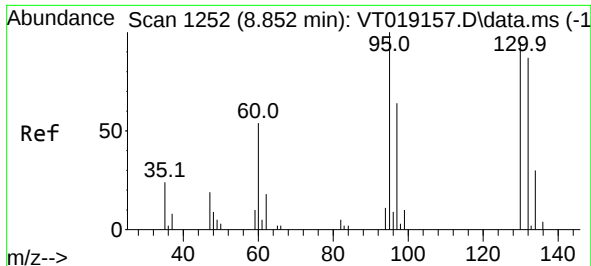
Tgt Ion: 62 Resp: 5550

Ion Ratio Lower Upper

62 100

98 3.9 6.7 10.1#





#37

Trichloroethene

Concen: 2.509 ug/l

RT: 8.829 min Scan# 1248

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

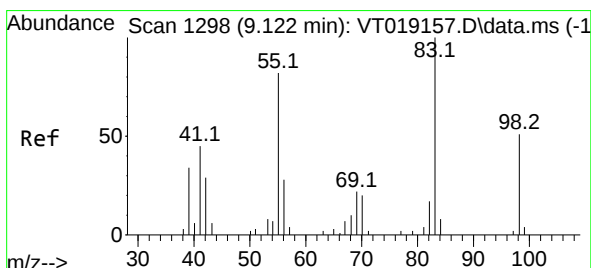
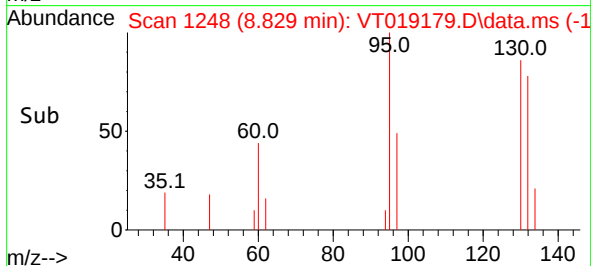
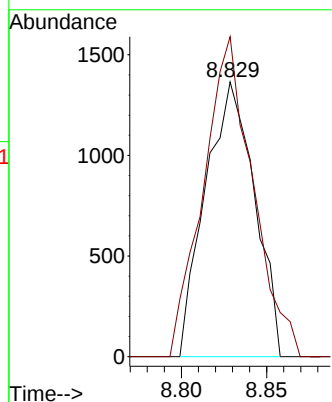
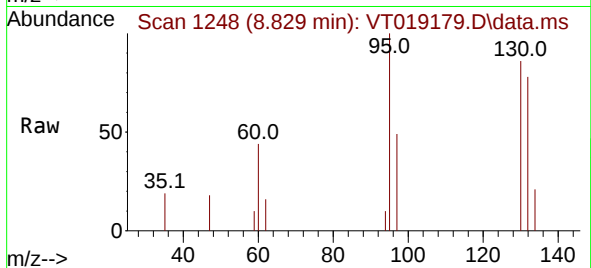
MDL04

Tgt Ion:130 Resp: 2734

Ion Ratio Lower Upper

130 100

95 100.4 79.4 119.2



#38

Methylcyclohexane

Concen: 2.859 ug/l

RT: 9.099 min Scan# 1294

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

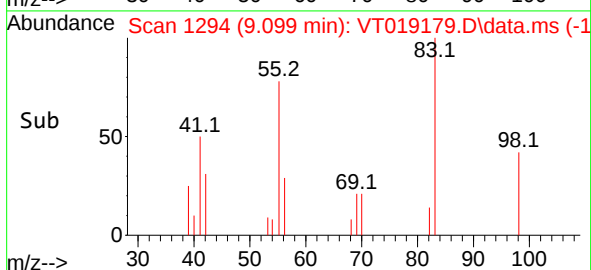
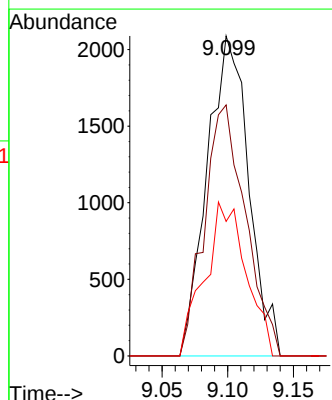
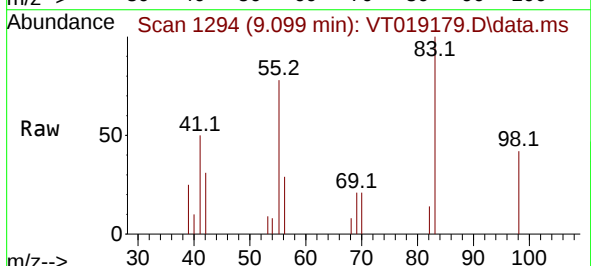
Tgt Ion: 83 Resp: 4603

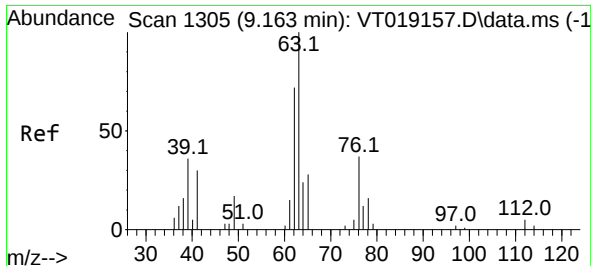
Ion Ratio Lower Upper

83 100

55 77.8 40.3 120.8

98 47.9 24.3 72.9





#39

1,2-Dichloropropane

Concen: 2.382 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

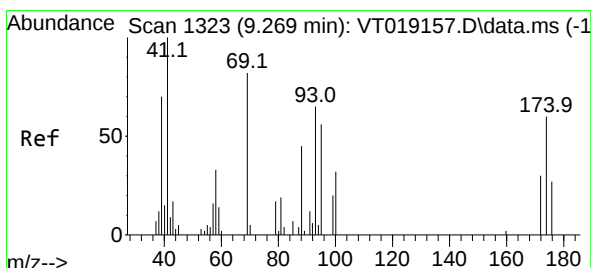
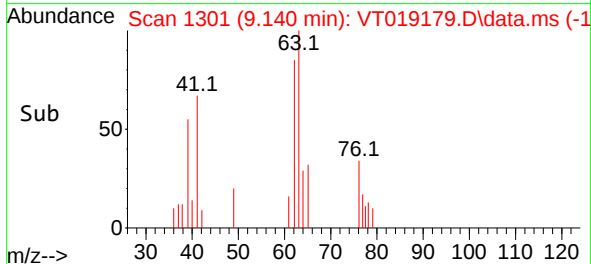
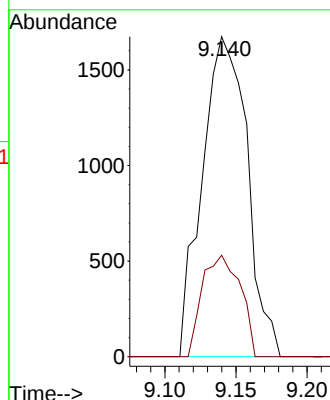
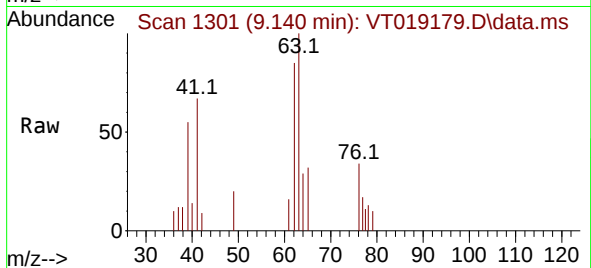
MDL04

Tgt Ion: 63 Resp: 3695

Ion Ratio Lower Upper

63 100

65 31.7 19.8 29.6#



#40

Dibromomethane

Concen: 2.468 ug/l

RT: 9.240 min Scan# 1318

Delta R.T. -0.029 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

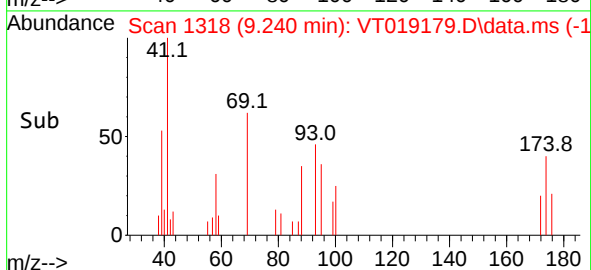
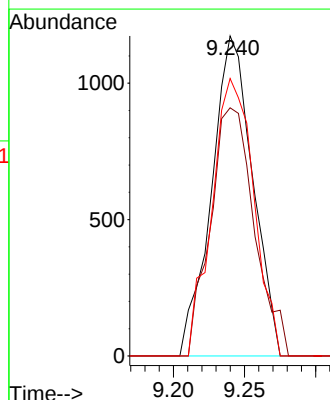
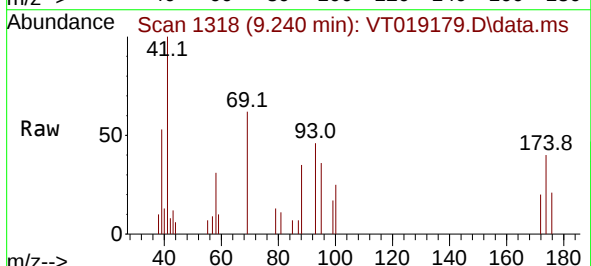
Tgt Ion: 93 Resp: 2361

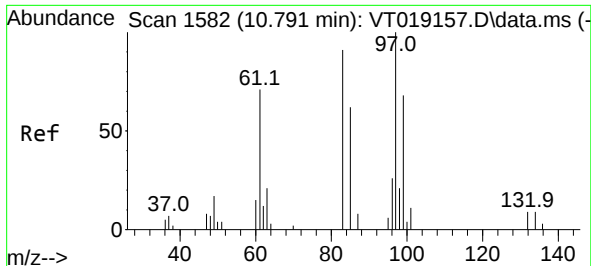
Ion Ratio Lower Upper

93 100

95 83.0 0.0 166.2

174 88.0 0.0 26.4#

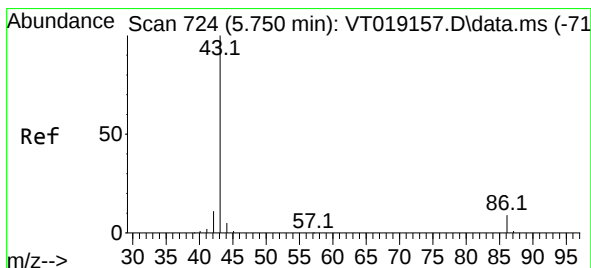
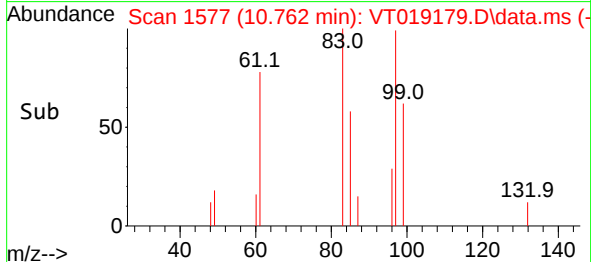
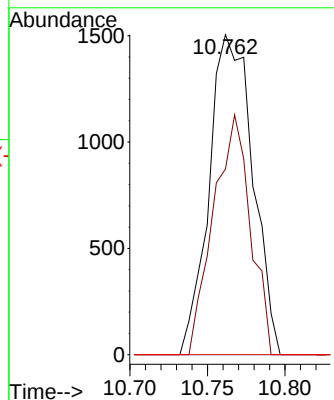
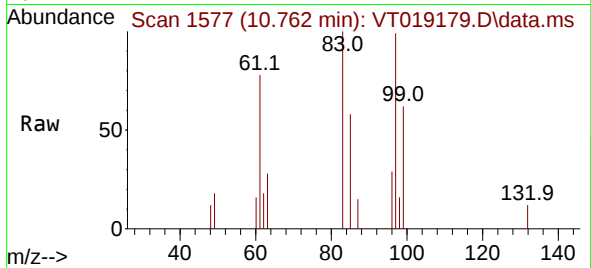




#41
Bromodichloromethane
Concen: 2.398 ug/l
RT: 10.762 min Scan# 11
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

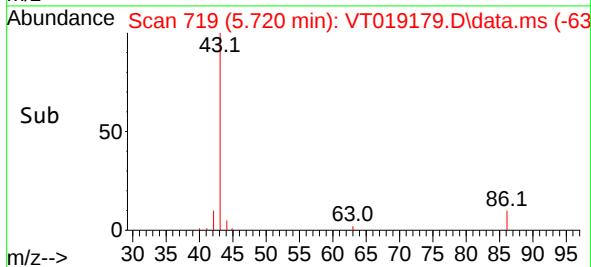
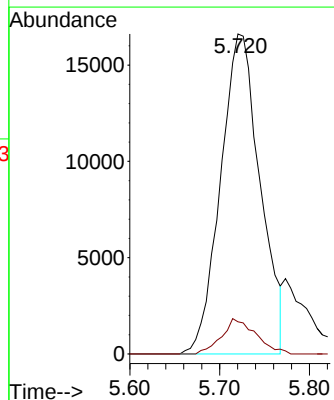
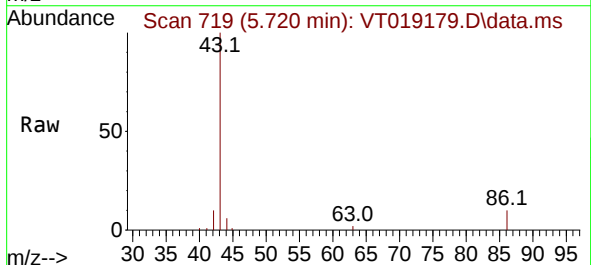
Instrument :
MSVOA_T
ClientSampleId :
MDL04

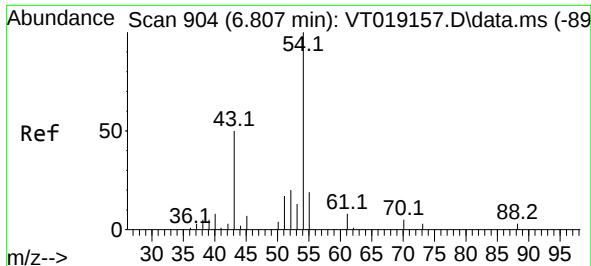
Tgt Ion: 83 Resp: 2946
Ion Ratio Lower Upper
83 100
85 58.1 47.2 70.8
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 10.524 ug/l
RT: 5.720 min Scan# 719
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 43 Resp: 50886
Ion Ratio Lower Upper
43 100
86 9.5 6.9 10.3





#43

Ethyl Acetate

Concen: 2.670 ug/l

RT: 6.772 min Scan# 89

Delta R.T. -0.029 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

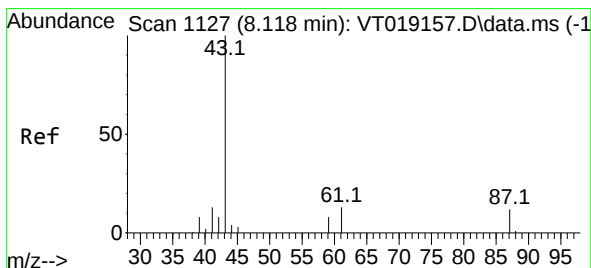
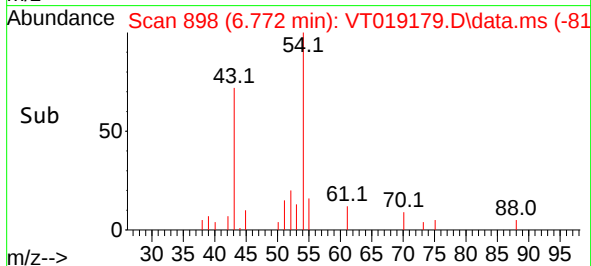
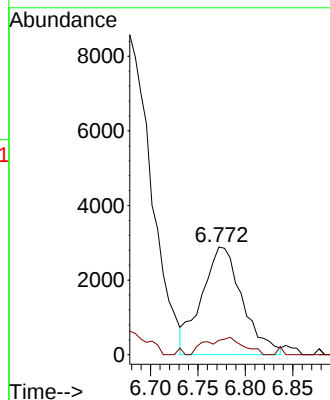
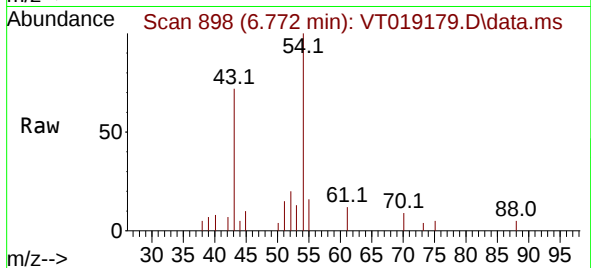
MDL04

Tgt Ion: 43 Resp: 8649

Ion Ratio Lower Upper

43 100

45 5.2 10.6 16.0#



#44

Isopropyl Acetate

Concen: 2.382 ug/l

RT: 8.100 min Scan# 1124

Delta R.T. -0.023 min

Lab File: VT019179.D

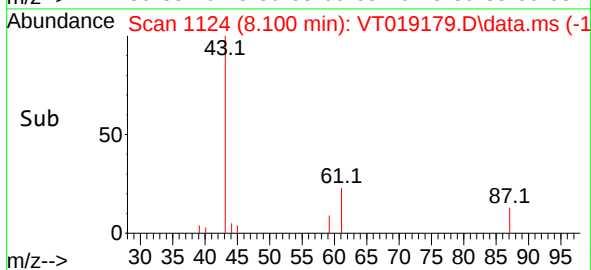
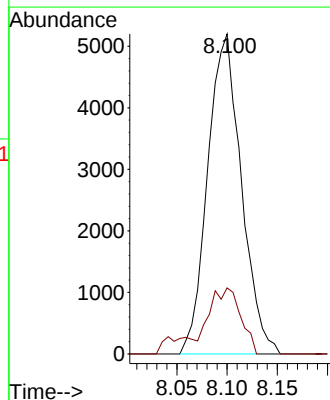
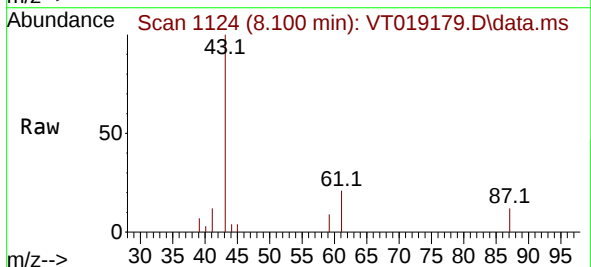
Acq: 24 Oct 2025 15:06

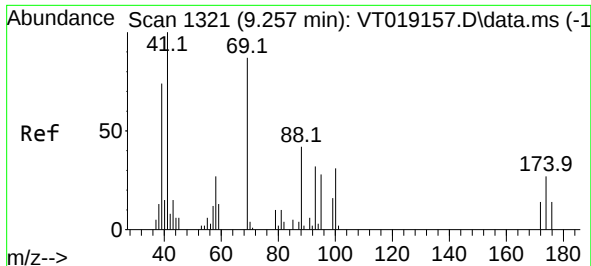
Tgt Ion: 43 Resp: 12143

Ion Ratio Lower Upper

43 100

61 19.0 14.7 22.1

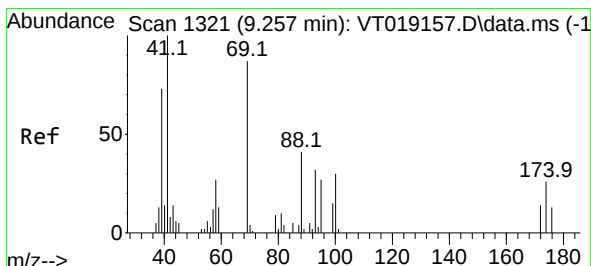
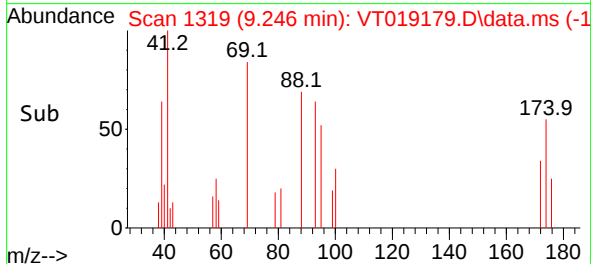
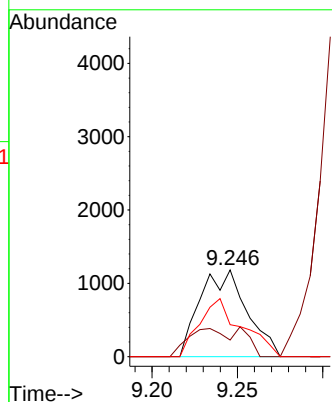
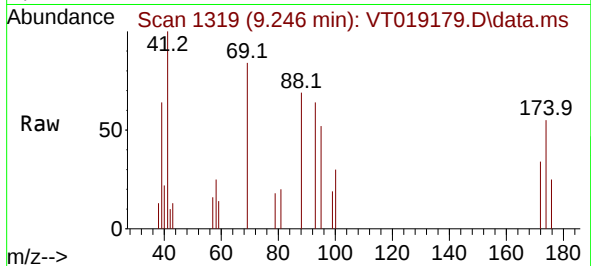




#45
1,4-Dioxane
Concen: 51.003 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

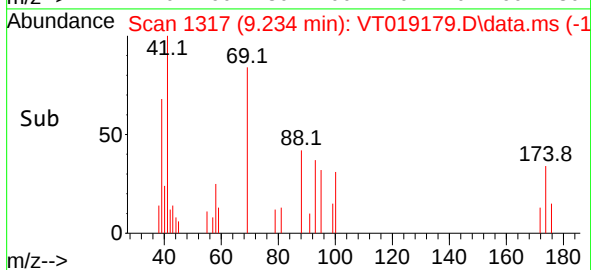
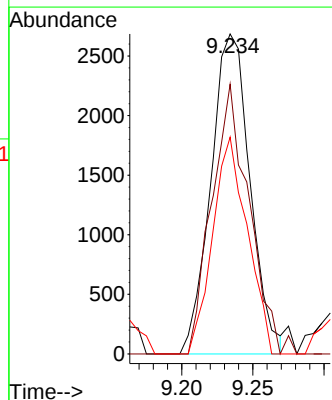
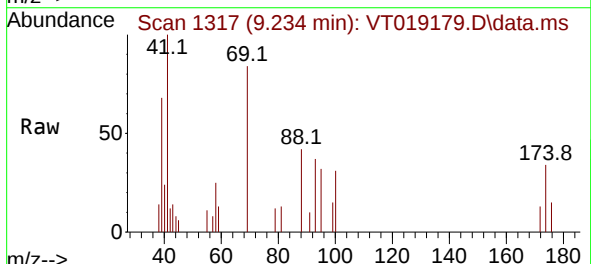
Instrument :
MSVOA_T
ClientSampleId :
MDL04

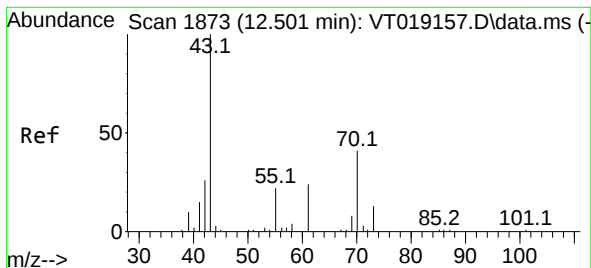
Tgt Ion: 88 Resp: 2256
Ion Ratio Lower Upper
88 100
43 10.5 30.2 45.2#
58 0.0 33.3 49.9#



#46
Methyl methacrylate
Concen: 2.258 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 41 Resp: 5148
Ion Ratio Lower Upper
41 100
69 84.3 35.8 107.3
39 67.7 24.4 73.4





#47

n-amy1 Acetate

Concen: 2.287 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.024 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

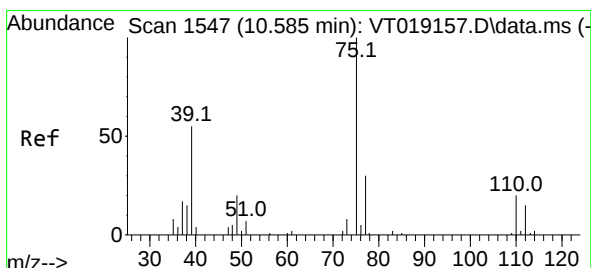
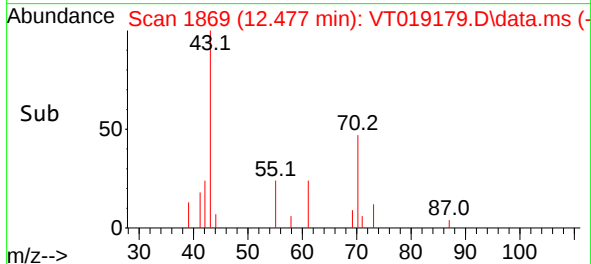
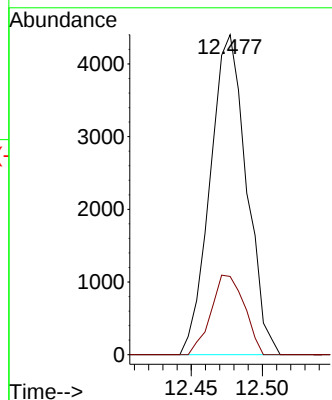
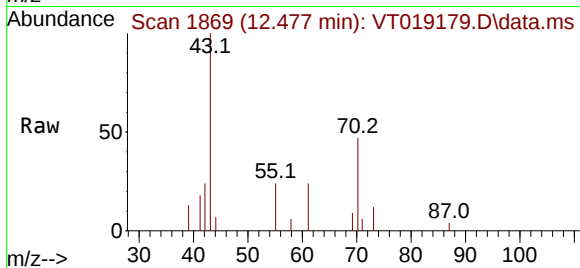
MDL04

Tgt Ion: 43 Resp: 7848

Ion Ratio Lower Upper

43 100

55 22.8 18.4 27.6



#48

t-1,3-Dichloropropene

Concen: 2.393 ug/l

RT: 10.562 min Scan# 1543

Delta R.T. -0.023 min

Lab File: VT019179.D

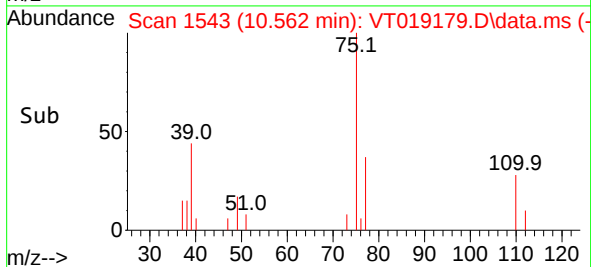
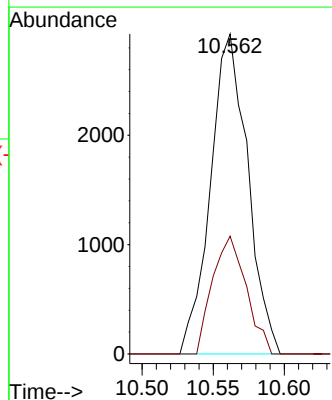
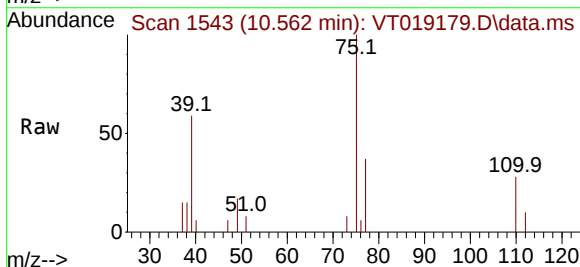
Acq: 24 Oct 2025 15:06

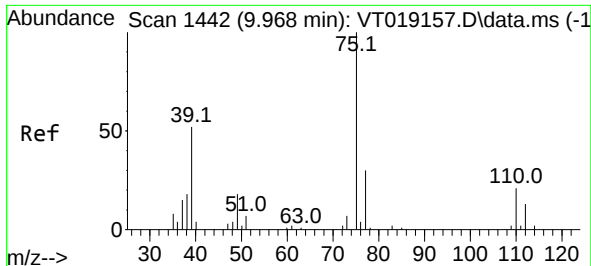
Tgt Ion: 75 Resp: 5336

Ion Ratio Lower Upper

75 100

77 36.8 24.4 36.6#





#49

cis-1,3-Dichloropropene

Concen: 2.424 ug/l

RT: 9.945 min Scan# 1442

Delta R.T. -0.029 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

MDL04

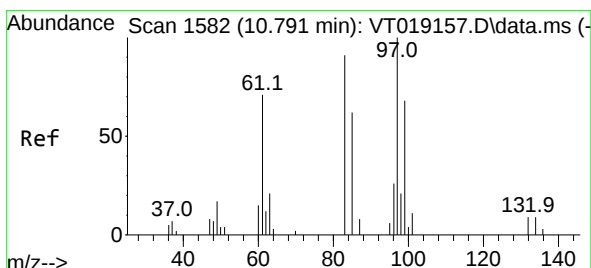
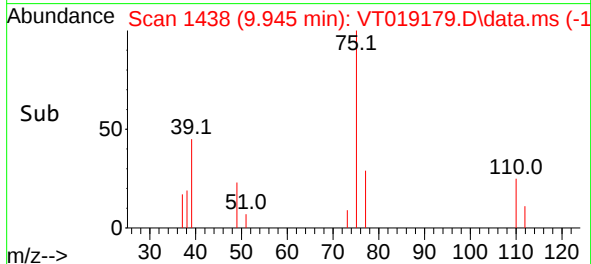
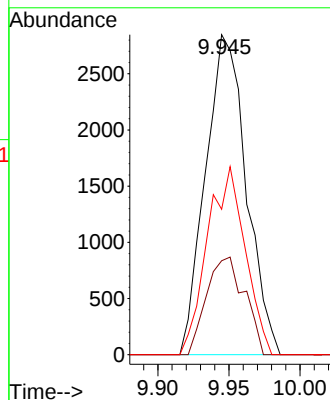
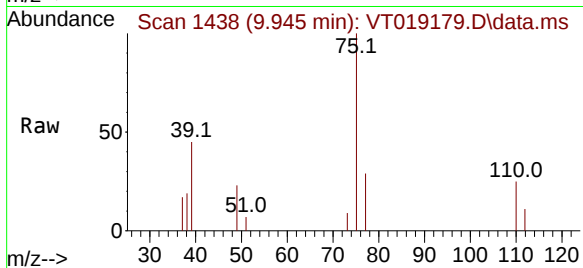
Tgt Ion: 75 Resp: 5678

Ion Ratio Lower Upper

75 100

77 29.4 25.1 37.7

39 45.4 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 2.482 ug/l

RT: 10.767 min Scan# 1578

Delta R.T. -0.024 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Tgt Ion: 97 Resp: 3492

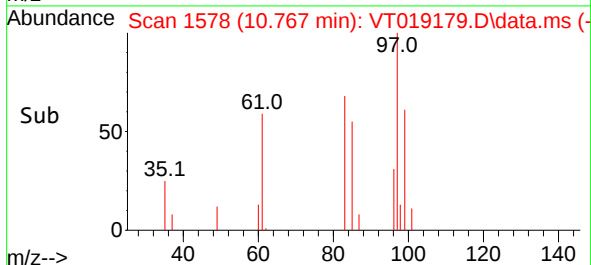
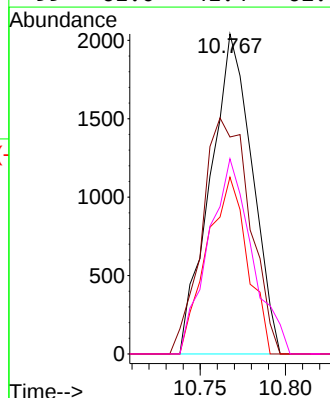
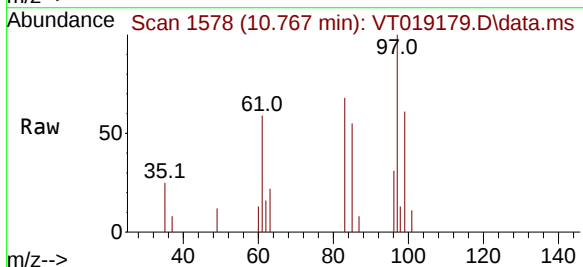
Ion Ratio Lower Upper

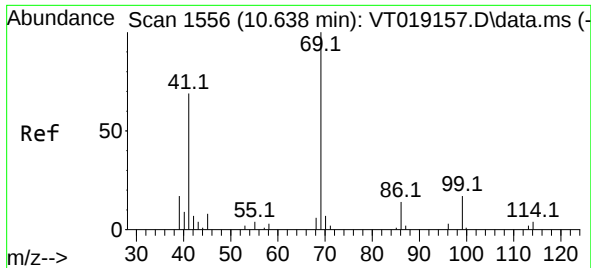
97 100

83 67.8 58.3 87.5

85 55.3 36.5 54.7#

99 61.0 41.4 62.0

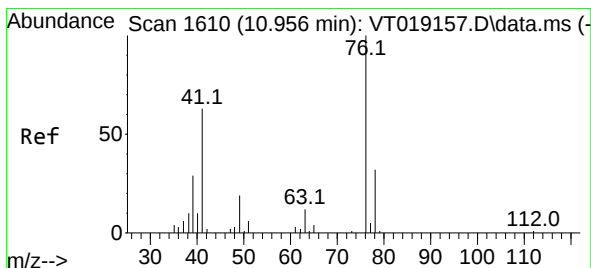
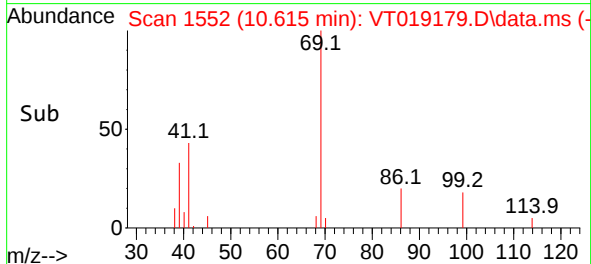
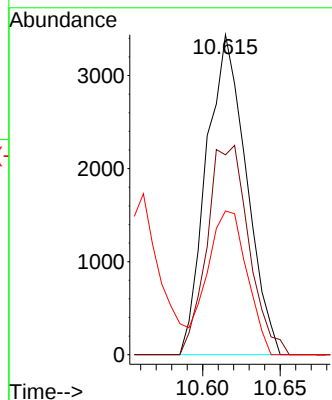
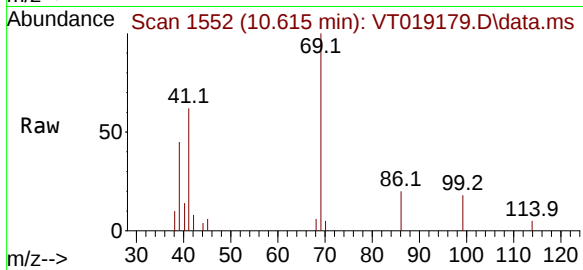




#51
Ethyl methacrylate
Concen: 2.328 ug/l
RT: 10.615 min Scan# 11
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

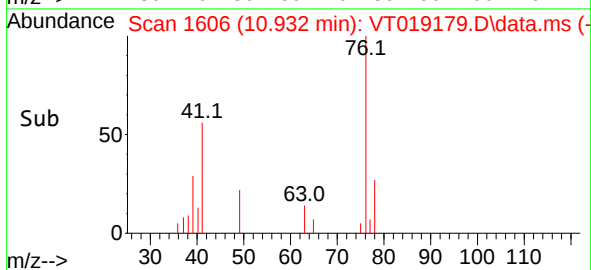
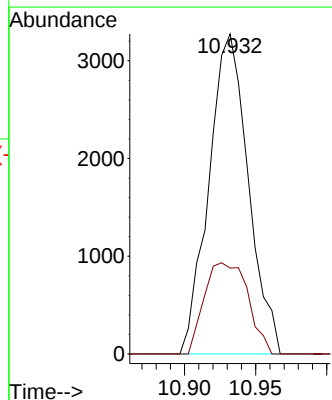
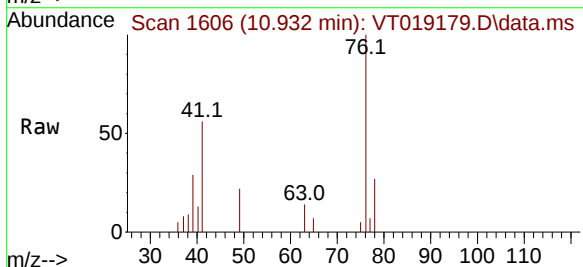
Instrument :
MSVOA_T
ClientSampleId :
MDL04

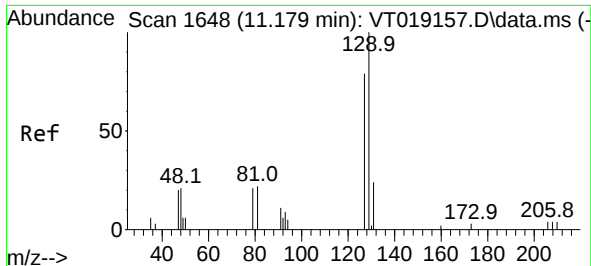
Tgt Ion: 69 Resp: 6139
Ion Ratio Lower Upper
69 100
41 62.5 35.0 105.1
39 44.9 19.5 58.5



#52
1,3-Dichloropropane
Concen: 2.513 ug/l
RT: 10.932 min Scan# 1606
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 76 Resp: 6314
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.6

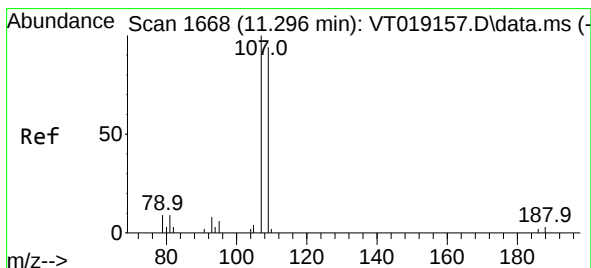
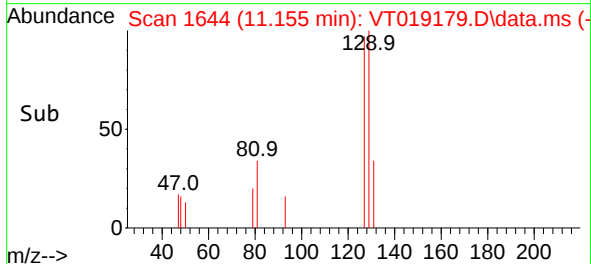
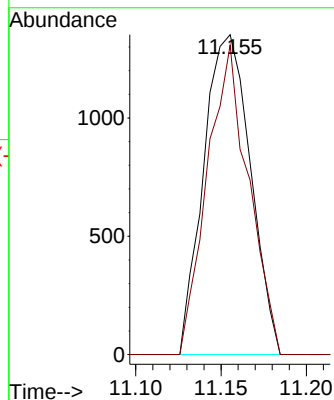
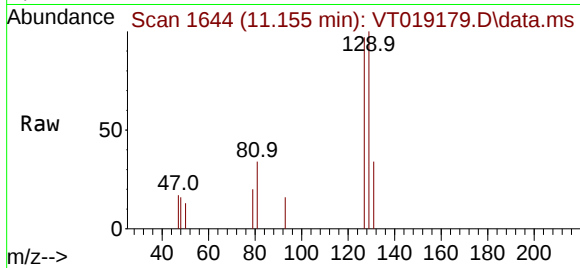




#53
Dibromochloromethane
Concen: 1.965 ug/l
RT: 11.155 min Scan# 1644
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

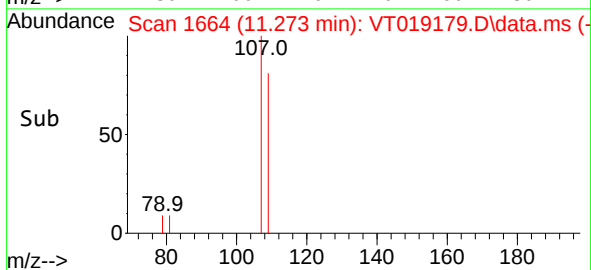
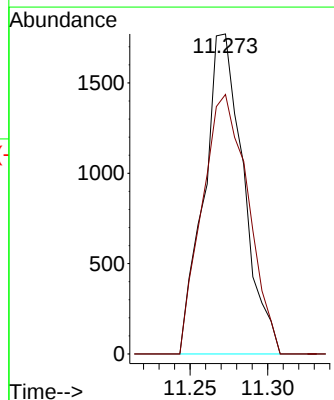
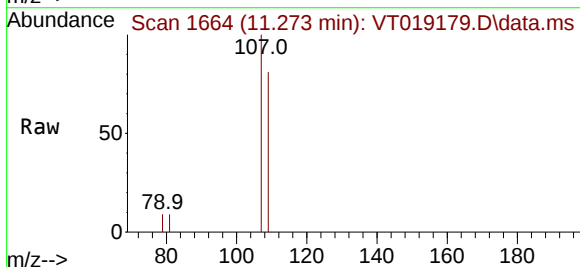
Instrument :
MSVOA_T
ClientSampleId :
MDL04

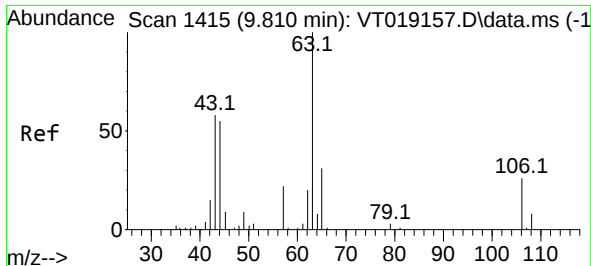
Tgt Ion:129 Resp: 2579
Ion Ratio Lower Upper
129 100
127 85.6 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 2.390 ug/l
RT: 11.273 min Scan# 1664
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion:107 Resp: 3128
Ion Ratio Lower Upper
107 100
109 94.4 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 13.918 ug/l

RT: 9.786 min Scan# 1415

Delta R.T. -0.024 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

MDL04

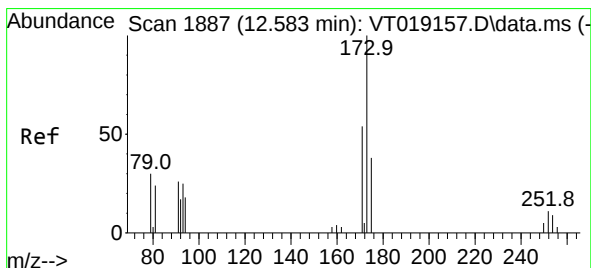
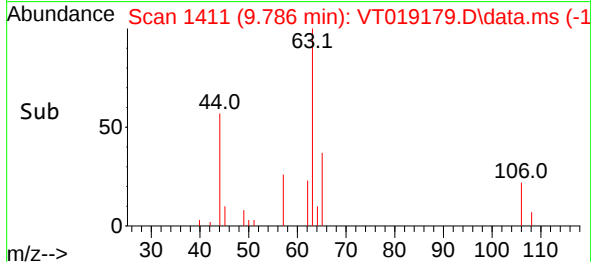
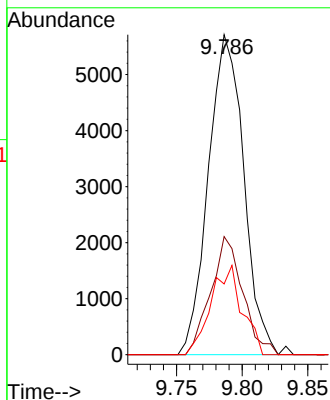
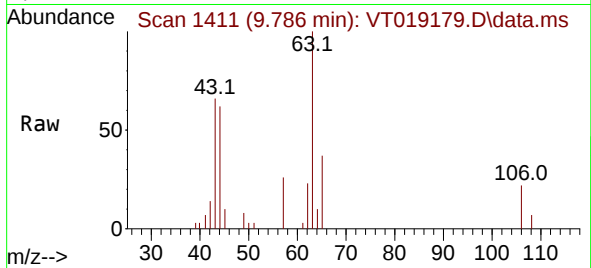
Tgt Ion: 63 Resp: 10703

Ion Ratio Lower Upper

63 100

65 33.5 25.8 38.6

106 24.7 22.1 33.1



#56

Bromoform

Concen: 1.970 ug/l

RT: 12.548 min Scan# 1881

Delta R.T. -0.029 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

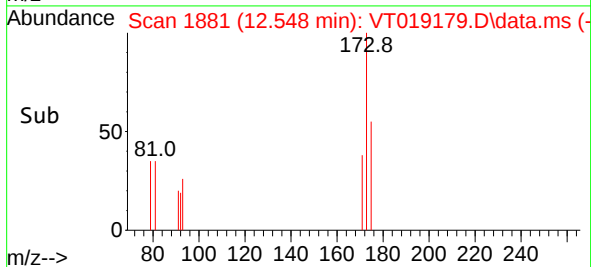
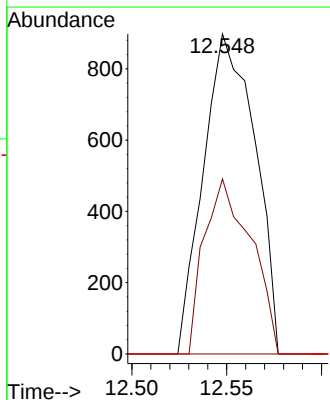
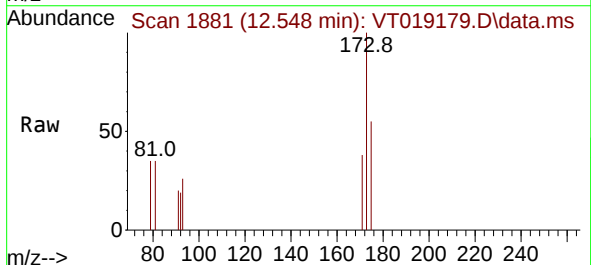
Tgt Ion: 173 Resp: 1700

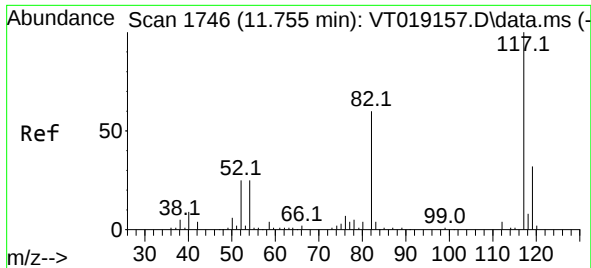
Ion Ratio Lower Upper

173 100

175 49.6 2.6 3.8#

254 0.0 2.2 3.2#

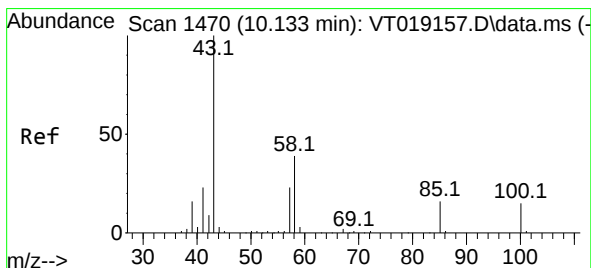
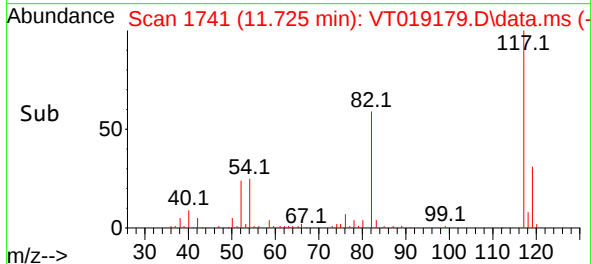
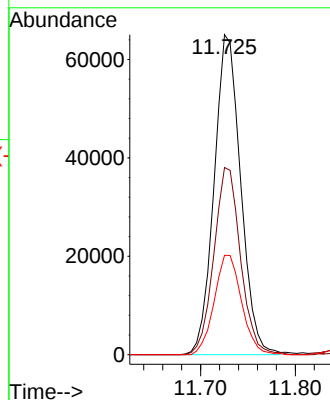
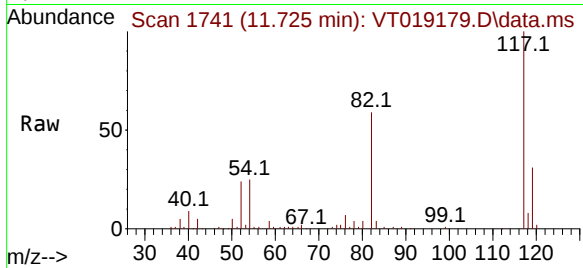




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.725 min Scan# 117
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

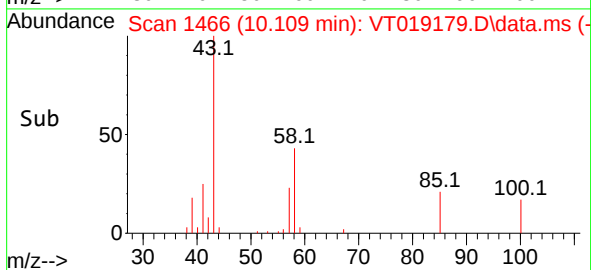
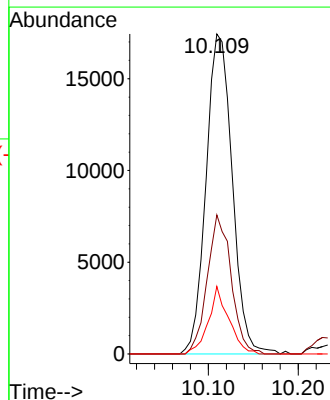
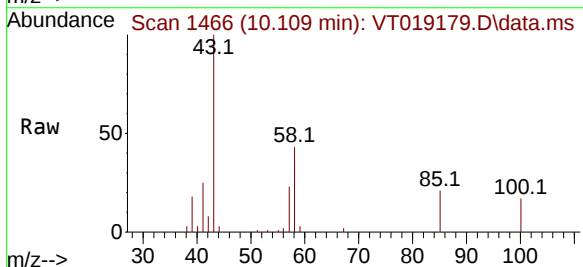
Instrument :
MSVOA_T
ClientSampleId :
MDL04

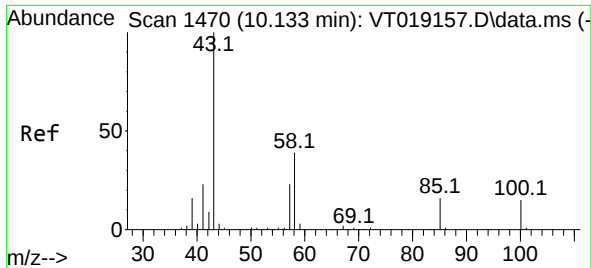
Tgt Ion:117 Resp: 126775
Ion Ratio Lower Upper
117 100
82 58.6 46.0 69.0
119 32.0 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 11.374 ug/l
RT: 10.109 min Scan# 1466
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 43 Resp: 35313
Ion Ratio Lower Upper
43 100
58 39.7 30.6 45.8
85 16.4 13.4 20.2

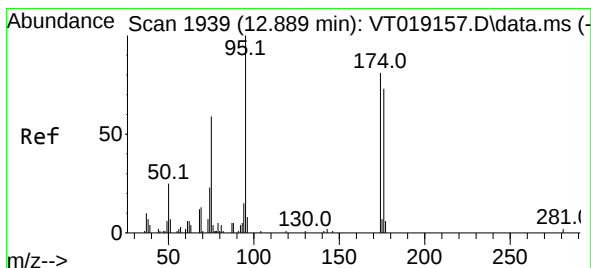
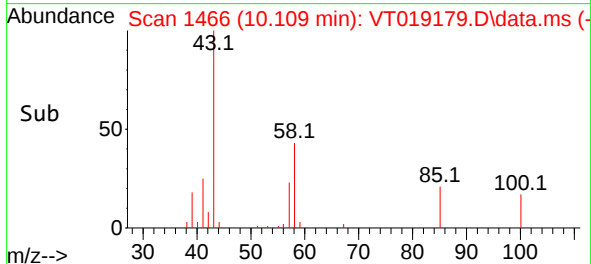
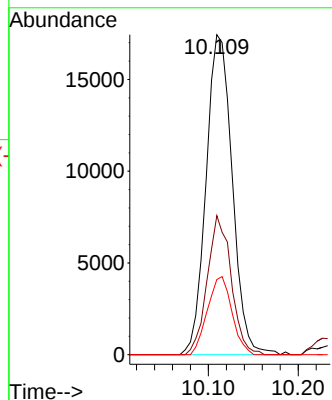
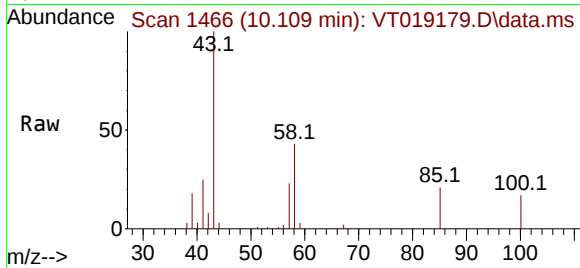




#59
2-Hexanone
Concen: 11.374 ug/l
RT: 10.109 min Scan# 1466
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

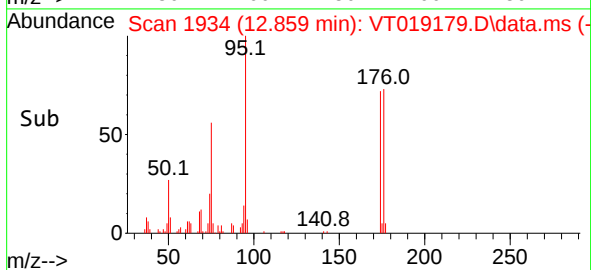
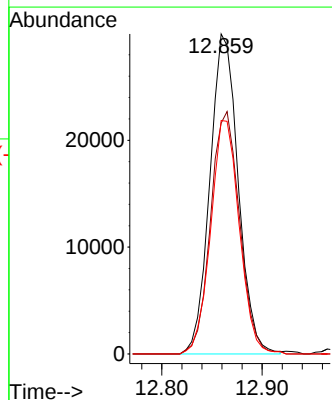
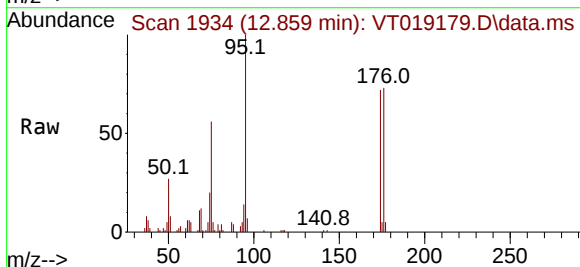
Instrument :
MSVOA_T
ClientSampleId :
MDL04

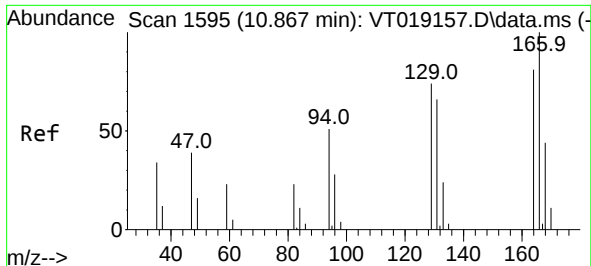
Tgt Ion: 43 Resp: 35313
Ion Ratio Lower Upper
43 100
58 39.7 42.0 63.0#
57 22.8 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.467 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

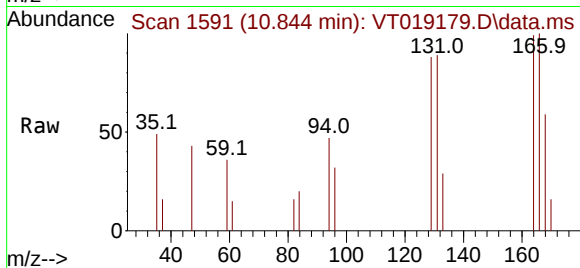
Tgt Ion: 95 Resp: 58712
Ion Ratio Lower Upper
95 100
174 77.7 57.5 86.3
176 74.0 56.4 84.6



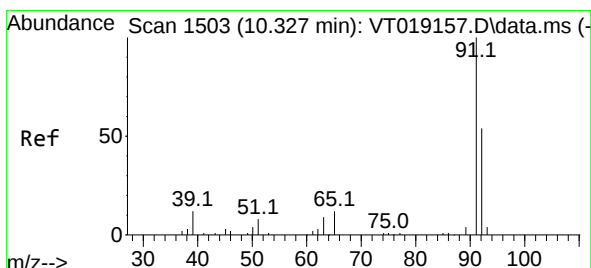
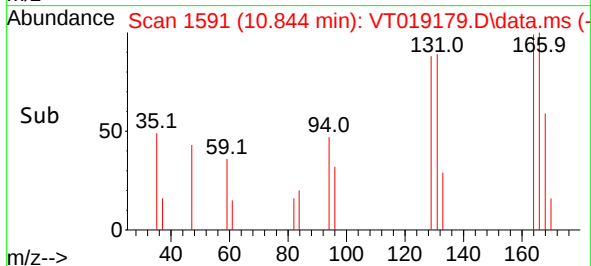
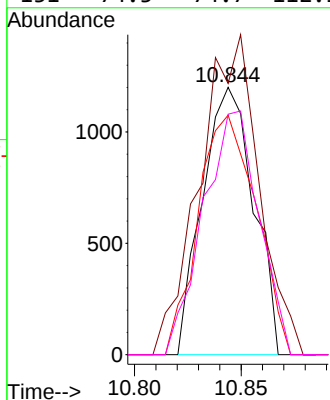


#61
Tetrachloroethene
Concen: 2.501 ug/l
RT: 10.844 min Scan# 1499
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Instrument :
MSVOA_T
ClientSampleId :
MDL04

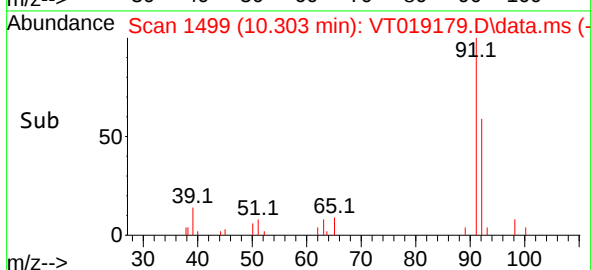
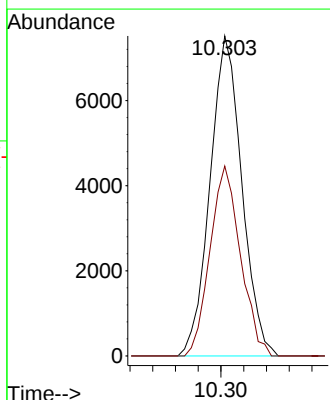
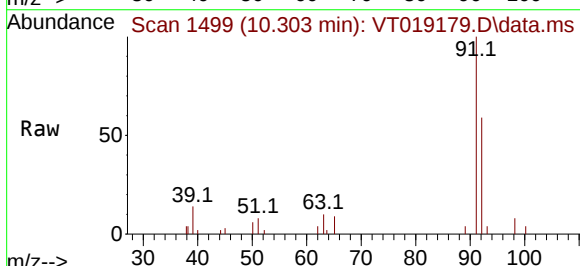


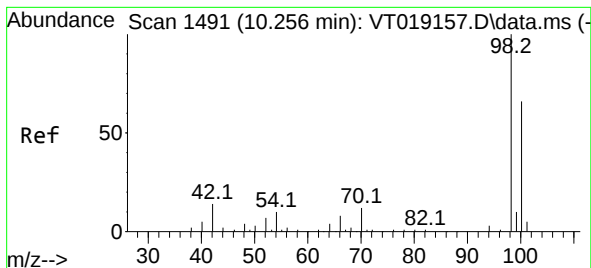
Tgt Ion:164 Resp: 2004
Ion Ratio Lower Upper
164 100
166 79.4 101.0 151.4#
129 73.5 78.6 117.8#
131 74.3 74.7 112.1#



#62
Toluene
Concen: 2.571 ug/l
RT: 10.303 min Scan# 1499
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 91 Resp: 14598
Ion Ratio Lower Upper
91 100
92 56.8 46.6 69.8





#63

Toluene-d8

Concen: 29.874 ug/l

RT: 10.233 min Scan# 14

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

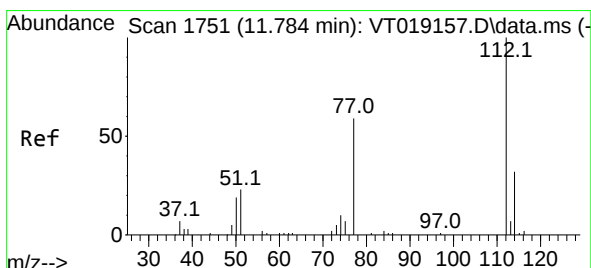
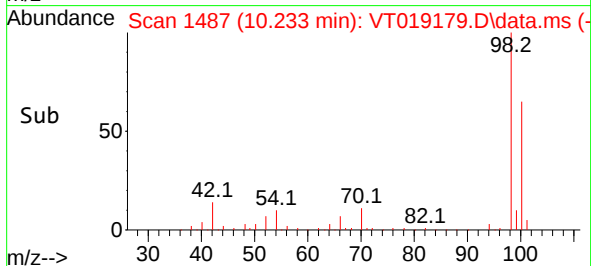
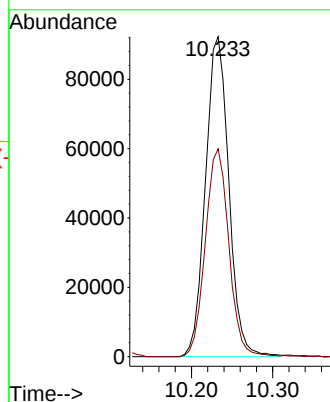
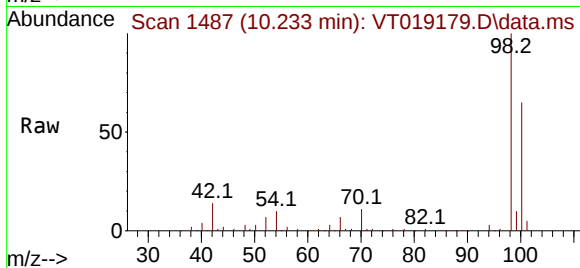
MDL04

Tgt Ion: 98 Resp: 184336

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#64

Chlorobenzene

Concen: 2.557 ug/l

RT: 11.755 min Scan# 1746

Delta R.T. -0.029 min

Lab File: VT019179.D

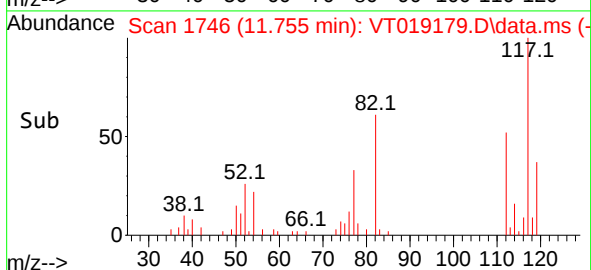
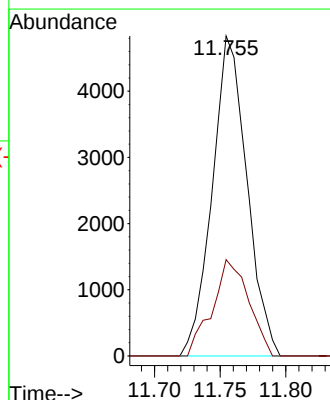
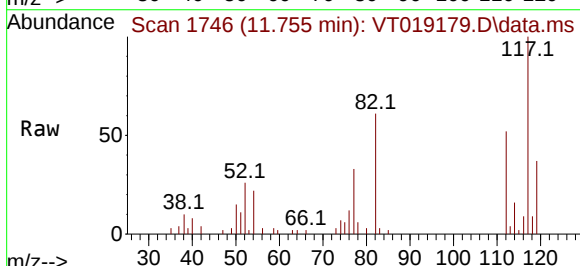
Acq: 24 Oct 2025 15:06

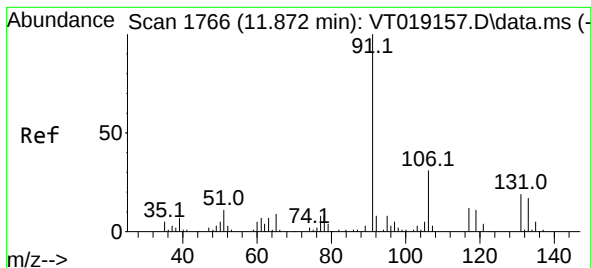
Tgt Ion: 112 Resp: 8870

Ion Ratio Lower Upper

112 100

114 30.1 23.6 35.4

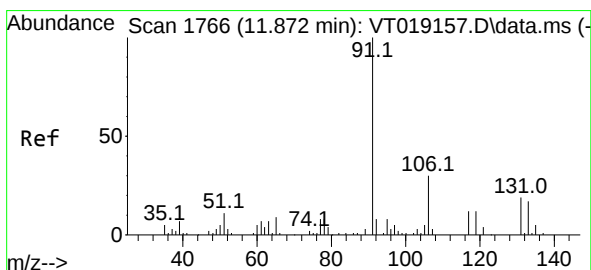
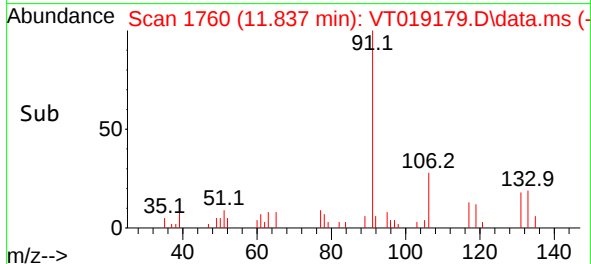
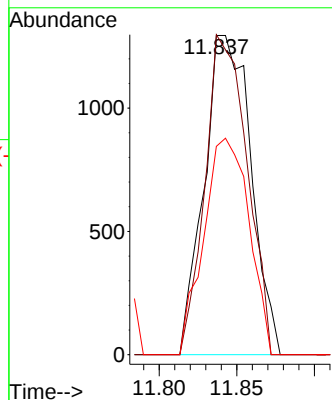
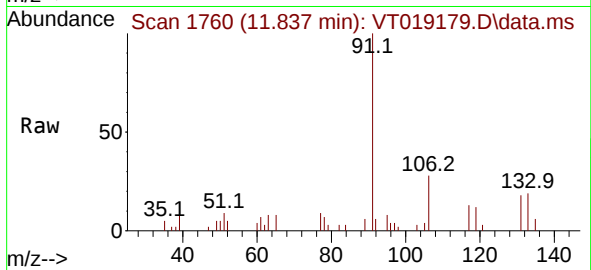




#65
 1,1,1,2-Tetrachloroethane
 Concen: 2.400 ug/l
 RT: 11.837 min Scan# 1760
 Delta R.T. -0.029 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

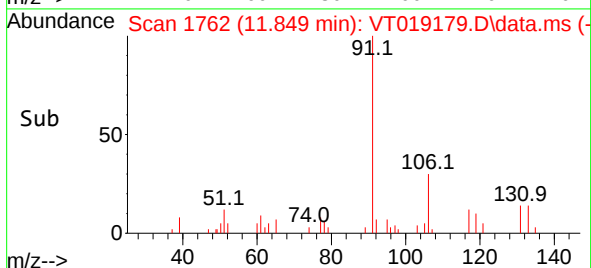
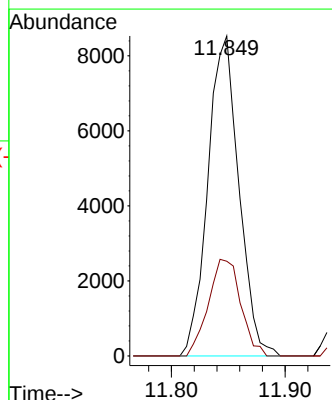
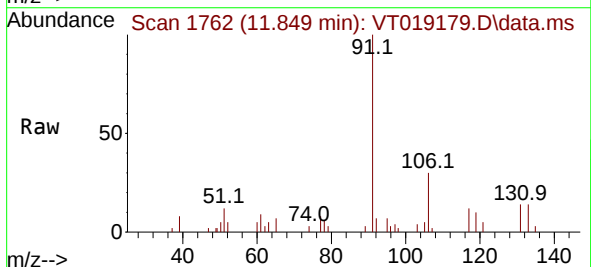
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL04

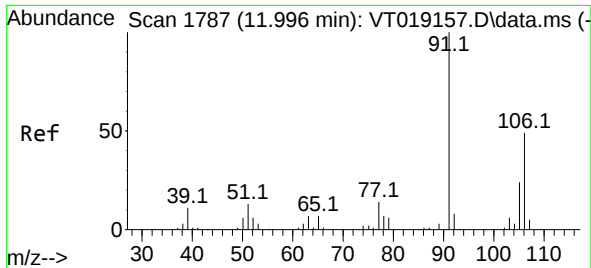
Tgt Ion:131 Resp: 2711
 Ion Ratio Lower Upper
 131 100
 133 90.2 0.0 188.2
 119 65.7 0.0 101.8



#66
 Ethyl Benzene
 Concen: 2.622 ug/l
 RT: 11.849 min Scan# 1762
 Delta R.T. -0.023 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

Tgt Ion: 91 Resp: 16181
 Ion Ratio Lower Upper
 91 100
 106 29.6 25.1 37.7





#67

m/p-Xylenes

Concen: 4.981 ug/l

RT: 11.966 min Scan# 11

Delta R.T. -0.029 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

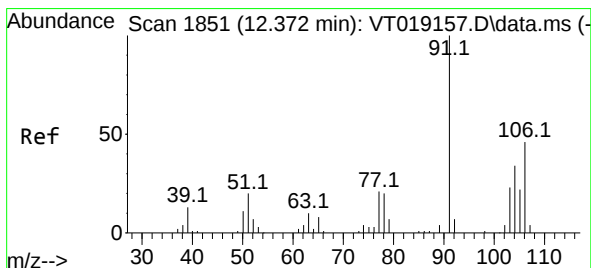
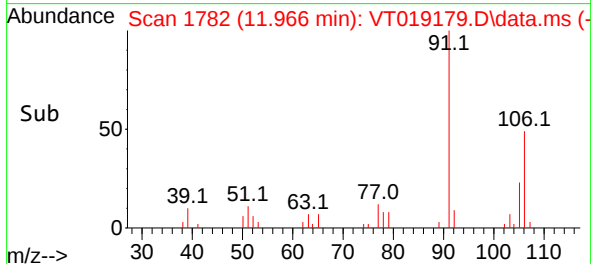
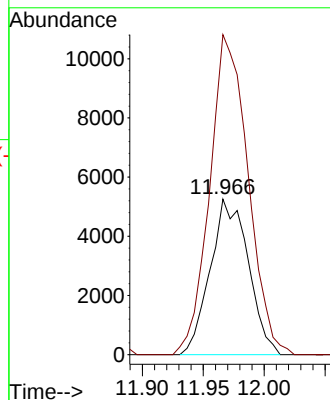
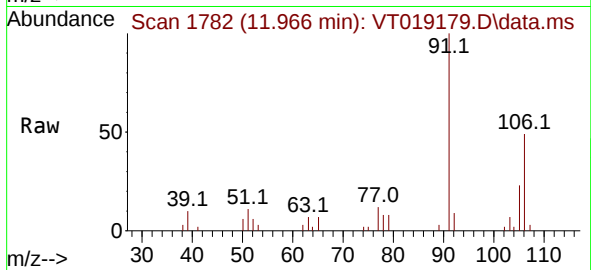
MDL04

Tgt Ion:106 Resp: 11426

Ion Ratio Lower Upper

106 100

91 207.3 164.4 246.6



#68

o-Xylene

Concen: 2.362 ug/l

RT: 12.342 min Scan# 1846

Delta R.T. -0.030 min

Lab File: VT019179.D

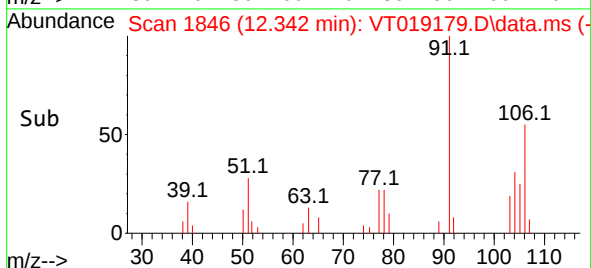
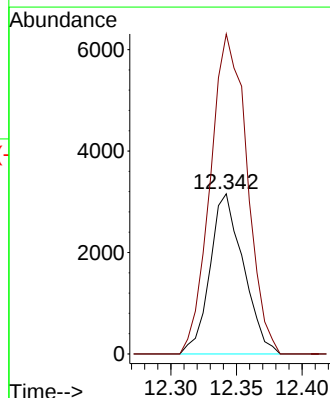
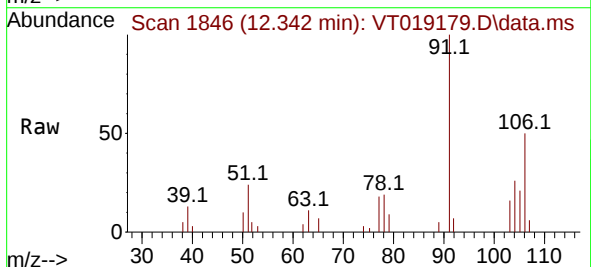
Acq: 24 Oct 2025 15:06

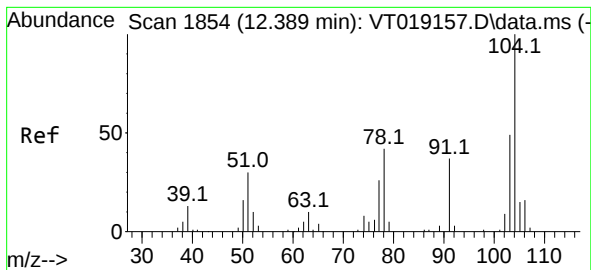
Tgt Ion:106 Resp: 5593

Ion Ratio Lower Upper

106 100

91 219.6 111.3 333.8





#69

Styrene

Concen: 2.410 ug/l

RT: 12.366 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

MDL04

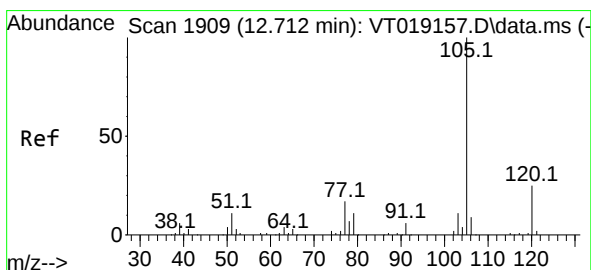
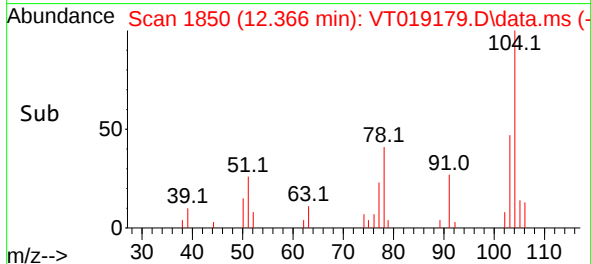
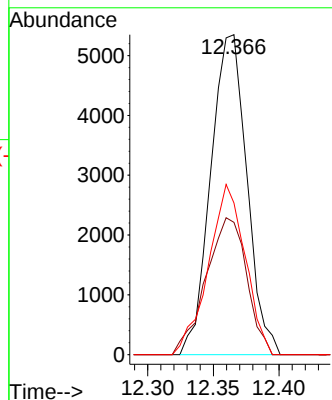
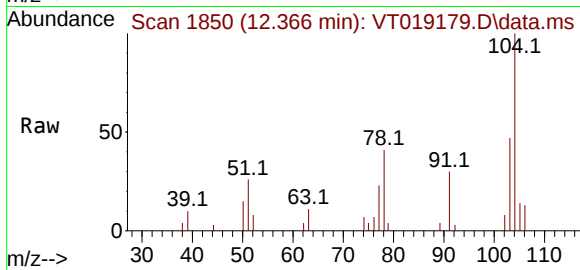
Tgt Ion:104 Resp: 10245

Ion Ratio Lower Upper

104 100

78 48.2 42.6 63.8

103 54.1 43.5 65.3



#70

Isopropylbenzene

Concen: 2.633 ug/l

RT: 12.683 min Scan# 1904

Delta R.T. -0.029 min

Lab File: VT019179.D

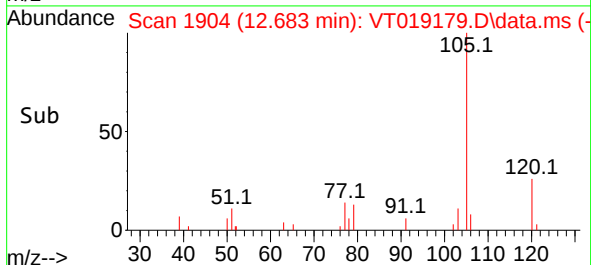
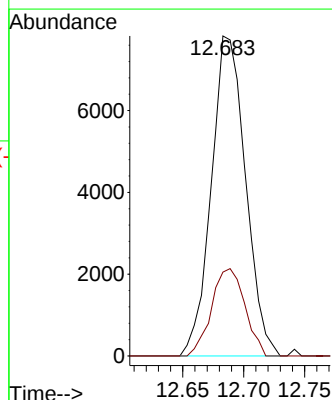
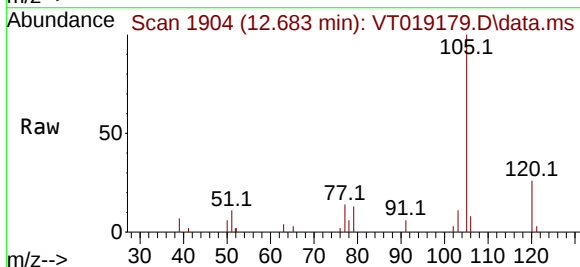
Acq: 24 Oct 2025 15:06

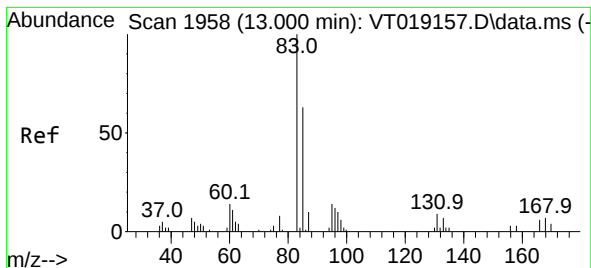
Tgt Ion:105 Resp: 15293

Ion Ratio Lower Upper

105 100

120 26.5 17.8 33.0

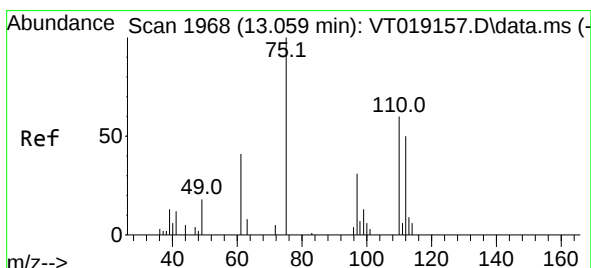
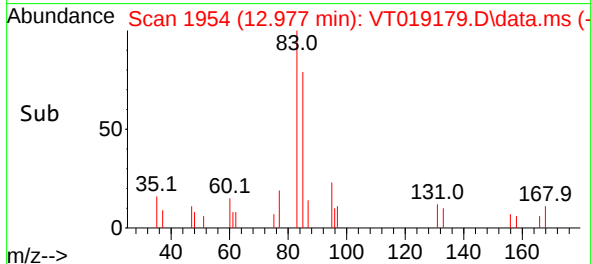
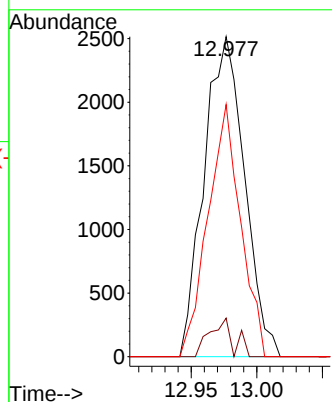
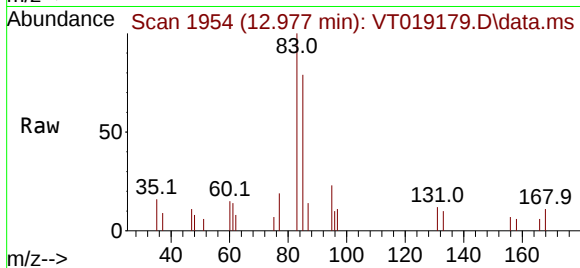




#71
1,1,2,2-Tetrachloroethane
Concen: 2.366 ug/l
RT: 12.977 min Scan# 1954
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

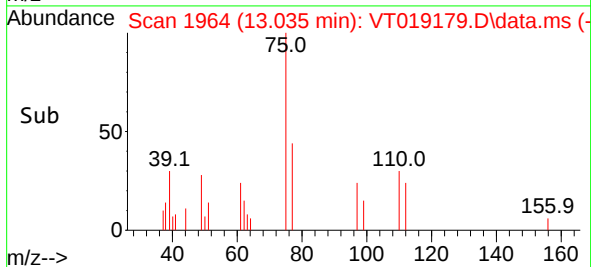
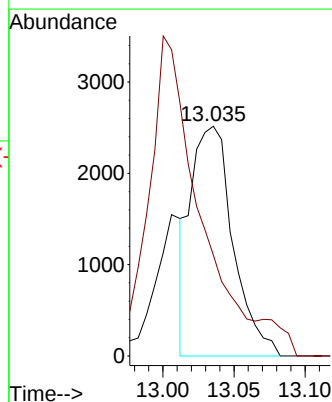
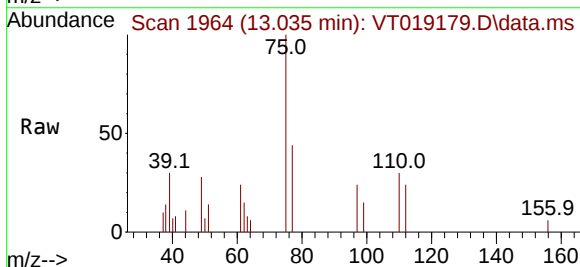
Instrument :
MSVOA_T
ClientSampleId :
MDL04

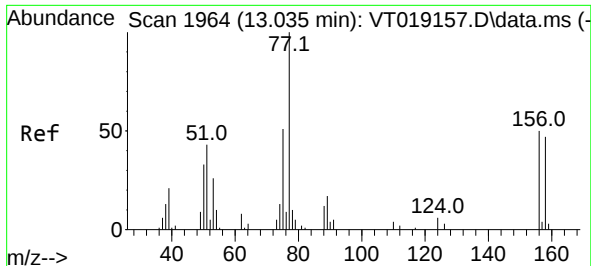
Tgt Ion: 83 Resp: 5391
Ion Ratio Lower Upper
83 100
131 5.7 6.0 18.0#
85 63.7 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 3.072 ug/l
RT: 13.035 min Scan# 1964
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 75 Resp: 5168
Ion Ratio Lower Upper
75 100
77 0.0 0.0 74.2

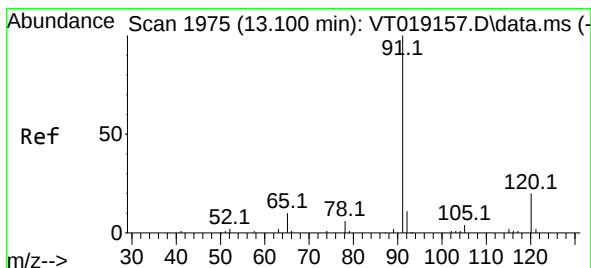
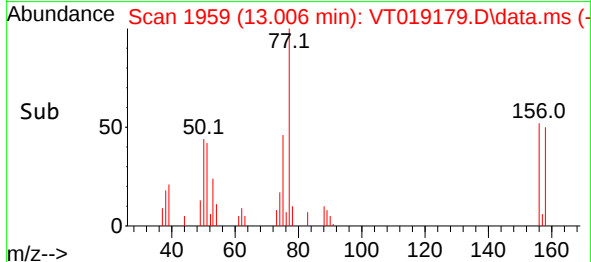
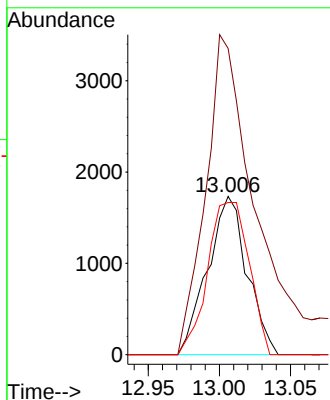
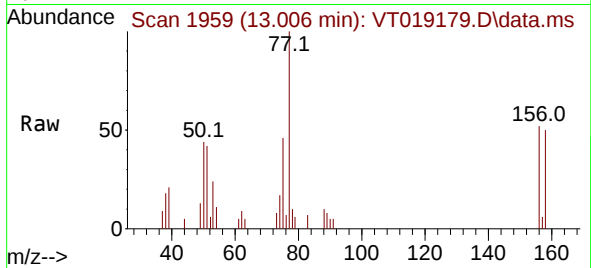




#73
Bromobenzene
Concen: 2.456 ug/l
RT: 13.006 min Scan# 1959
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

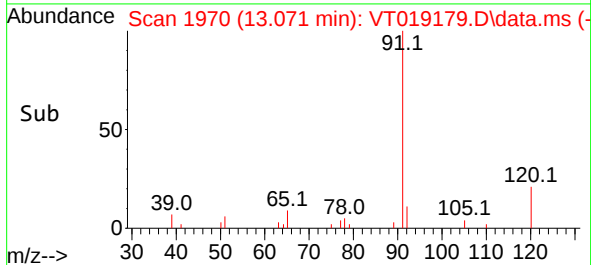
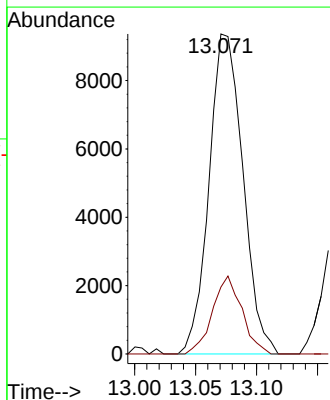
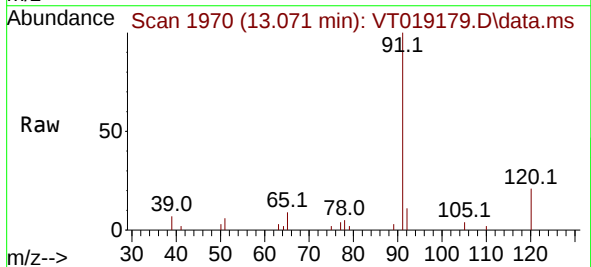
Instrument :
MSVOA_T
ClientSampleId :
MDL04

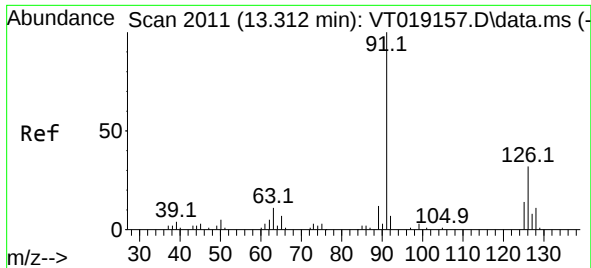
Tgt Ion:156 Resp: 3355
Ion Ratio Lower Upper
156 100
77 251.4 0.0 340.8
158 101.1 0.0 189.0



#74
n-propylbenzene
Concen: 2.583 ug/l
RT: 13.071 min Scan# 1970
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 91 Resp: 18092
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.4

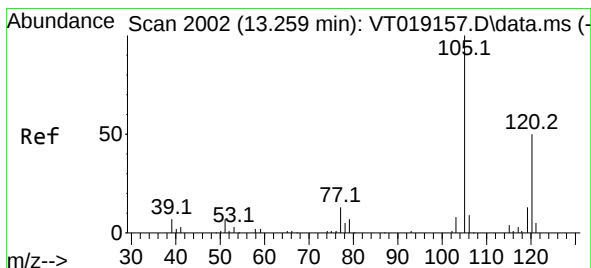
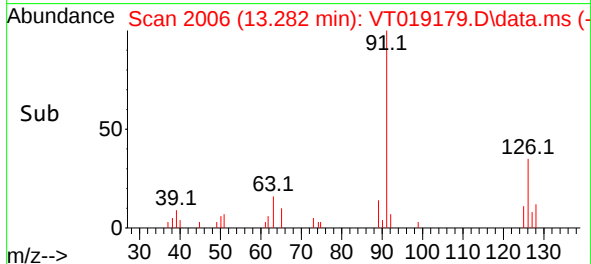
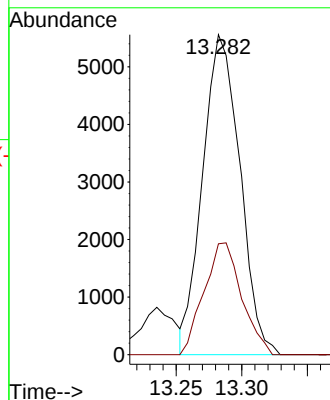
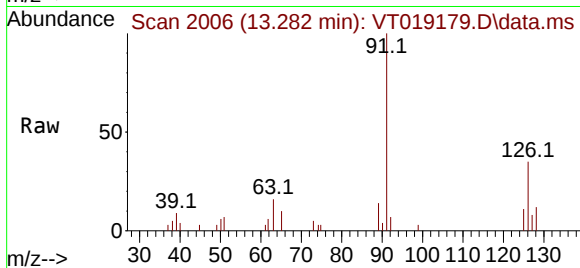




#75
2-Chlorotoluene
Concen: 2.557 ug/l
RT: 13.282 min Scan# 2011
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

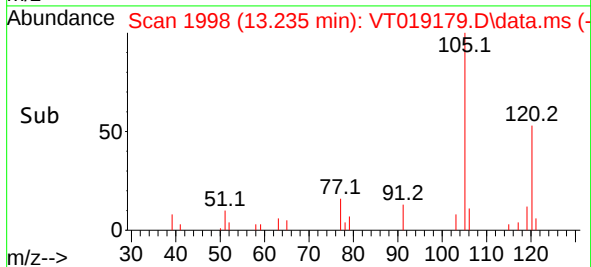
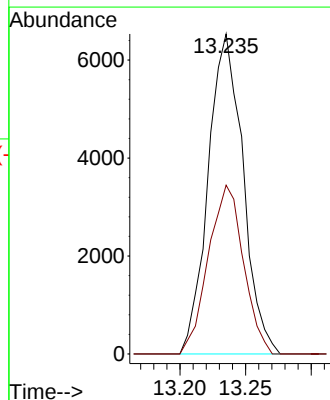
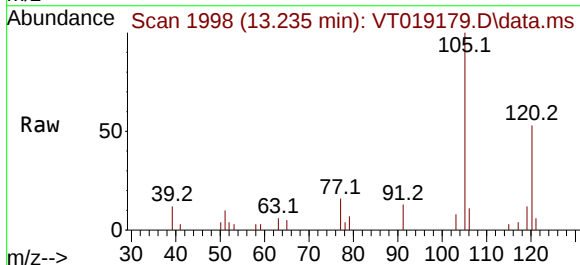
Instrument :
MSVOA_T
ClientSampleId :
MDL04

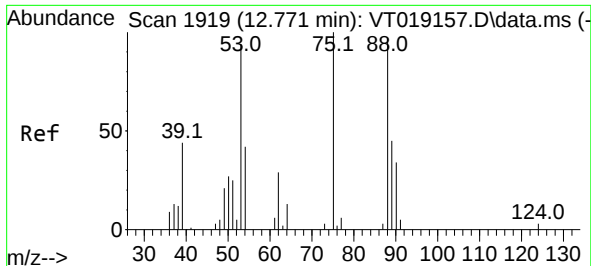
Tgt Ion: 91 Resp: 10962
Ion Ratio Lower Upper
91 100
126 35.4 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 2.530 ug/l
RT: 13.235 min Scan# 1998
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 105 Resp: 12056
Ion Ratio Lower Upper
105 100
120 53.2 0.0 93.0

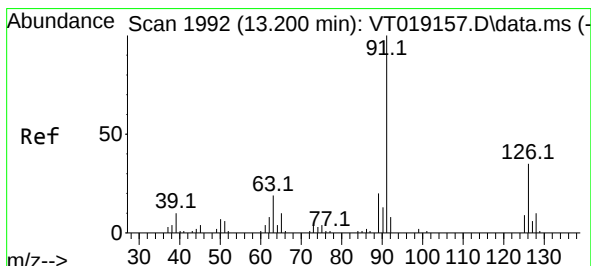
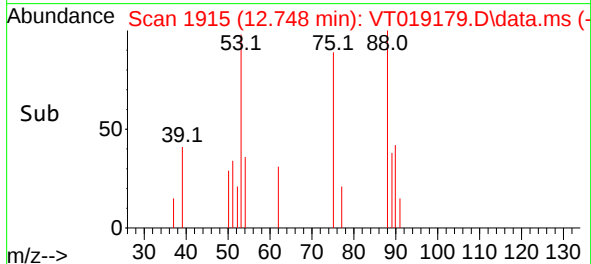
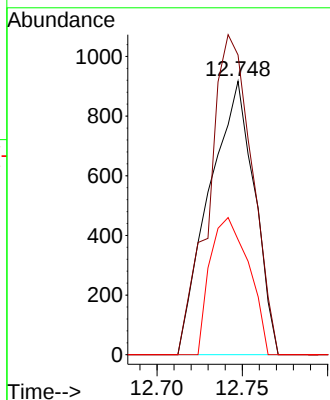
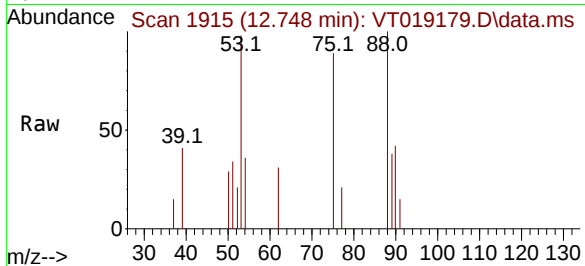




#77
t-1,4-Dichloro-2-butene
Concen: 2.070 ug/l
RT: 12.748 min Scan# 1915
Delta R.T. -0.017 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

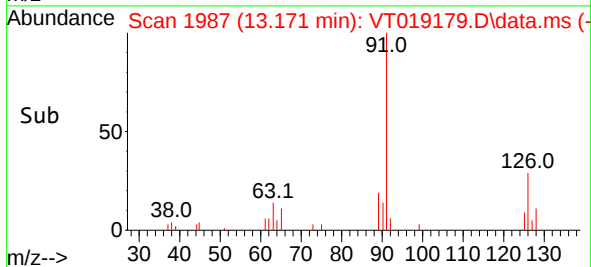
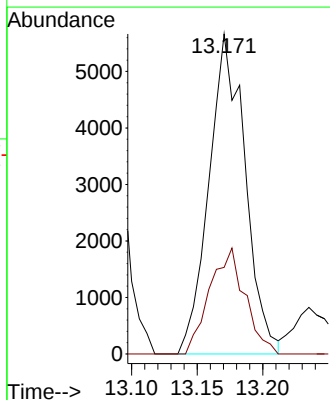
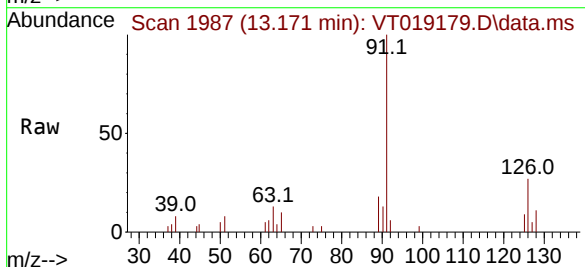
Instrument :
MSVOA_T
ClientSampleId :
MDL04

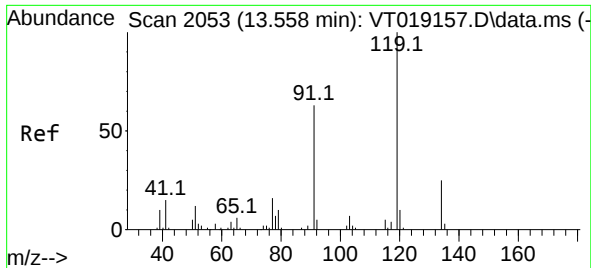
Tgt Ion:	75	Resp:	1692
Ion	Ratio	Lower	Upper
75	100		
53	109.6	48.4	145.2
89	42.1	33.8	101.3



#78
4-Chlorotoluene
Concen: 2.562 ug/l
RT: 13.171 min Scan# 1987
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion:	91	Resp:	10834
Ion	Ratio	Lower	Upper
91	100		
126	32.4	0.0	57.2

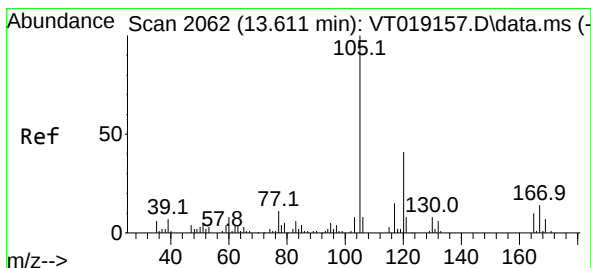
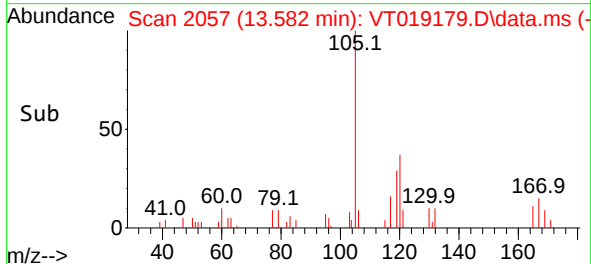
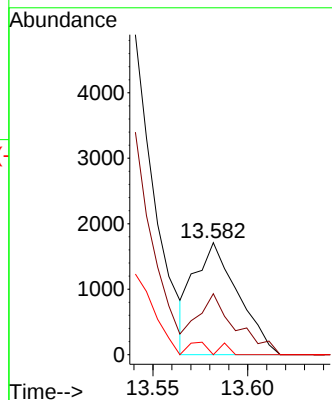
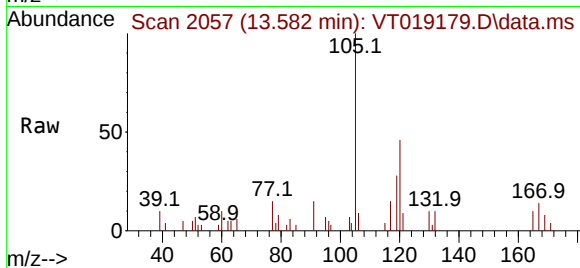




#79
tert-butylbenzene
Concen: 0.654 ug/l
RT: 13.582 min Scan# 2057
Delta R.T. 0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

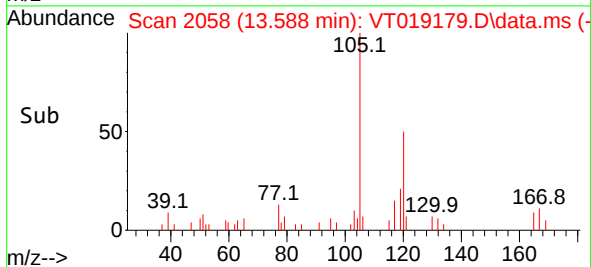
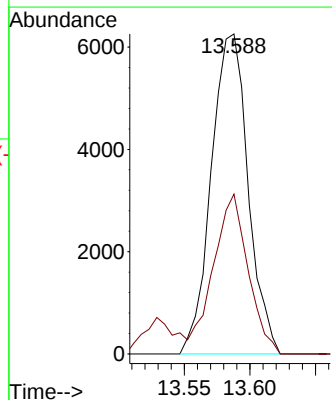
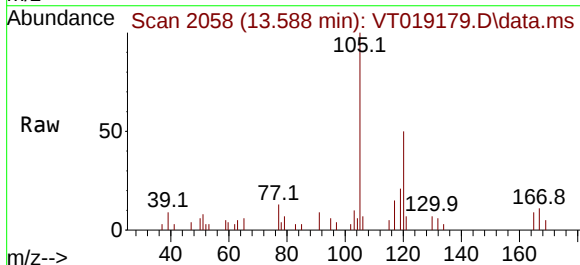
Instrument :
MSVOA_T
ClientSampleId :
MDL04

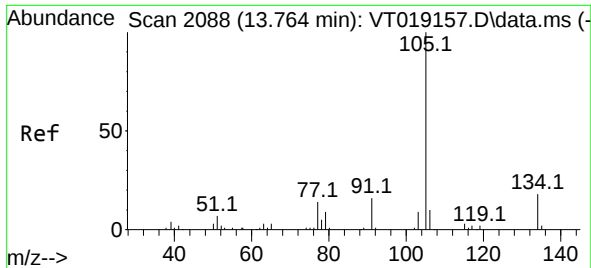
Tgt Ion:119 Resp: 2766
Ion Ratio Lower Upper
119 100
91 48.7 0.0 120.6
134 4.7 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 2.455 ug/l
RT: 13.588 min Scan# 2058
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion:105 Resp: 12204
Ion Ratio Lower Upper
105 100
120 47.0 0.0 88.6

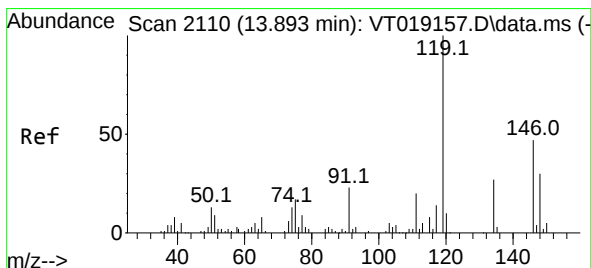
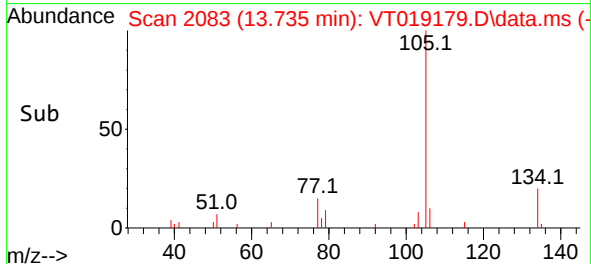
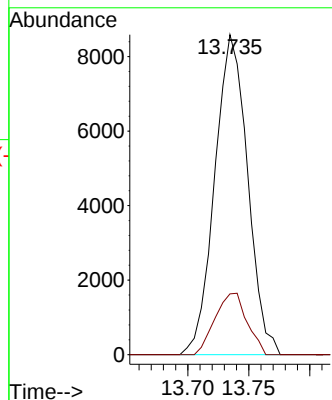
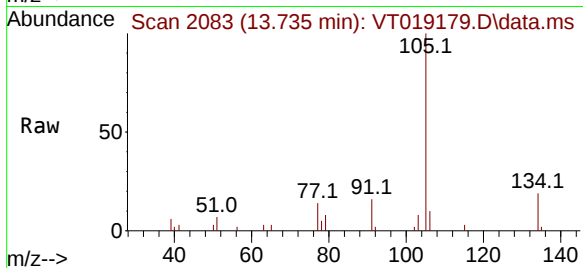




#81
 sec-Butylbenzene
 Concen: 2.644 ug/l
 RT: 13.735 min Scan# 2088
 Delta R.T. -0.029 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

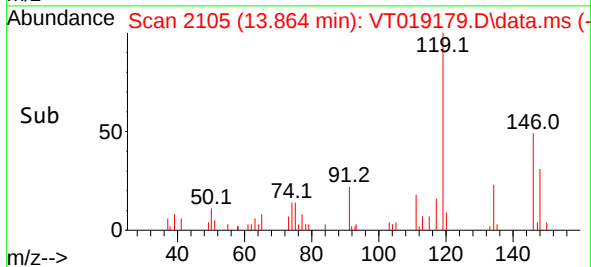
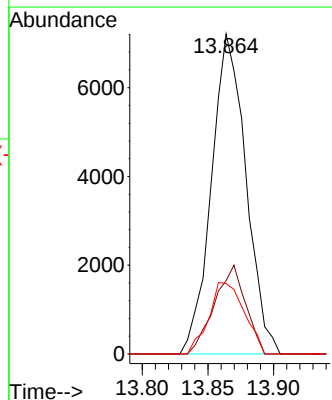
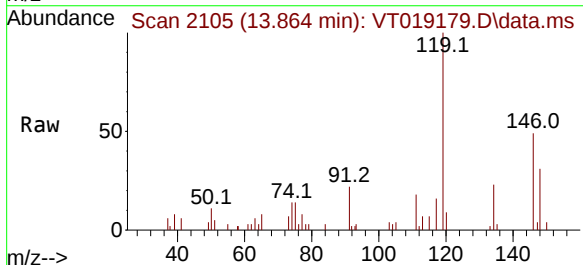
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL04

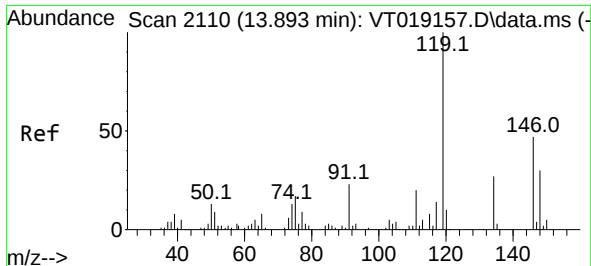
Tgt Ion:105 Resp: 16120
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 2.599 ug/l
 RT: 13.864 min Scan# 2105
 Delta R.T. -0.029 min
 Lab File: VT019179.D
 Acq: 24 Oct 2025 15:06

Tgt Ion:119 Resp: 13187
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 50.8
 91 23.0 0.0 51.0

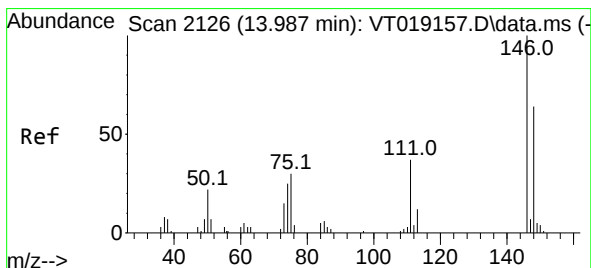
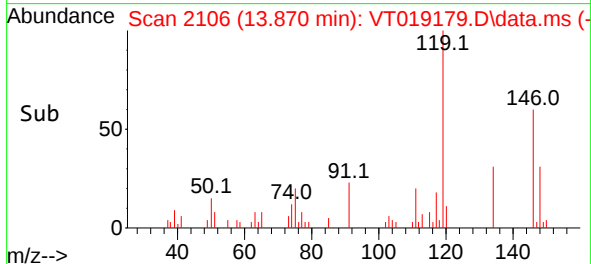
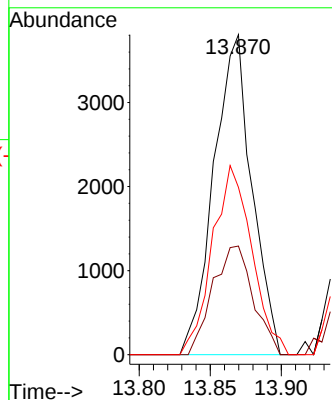
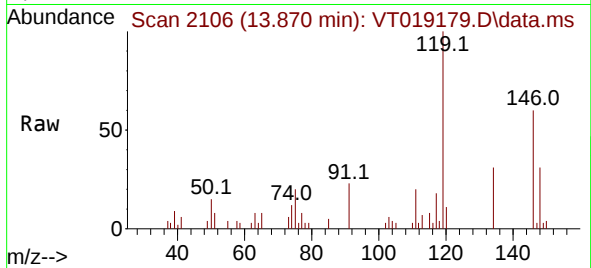




#83
1,3-Dichlorobenzene
Concen: 2.641 ug/l
RT: 13.870 min Scan# 2110
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

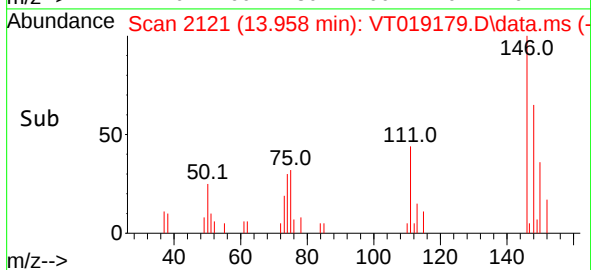
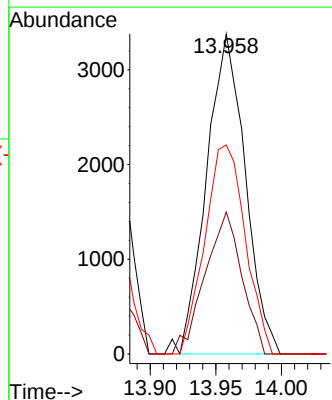
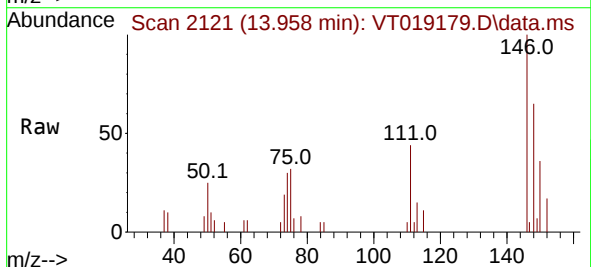
Instrument :
MSVOA_T
ClientSampleId :
MDL04

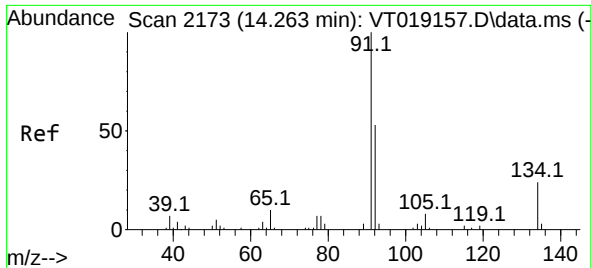
Tgt Ion:146 Resp: 7073
Ion Ratio Lower Upper
146 100
111 36.2 20.7 62.1
148 61.4 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 2.555 ug/l
RT: 13.958 min Scan# 2121
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion:146 Resp: 6891
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.3
148 68.5 32.3 96.8

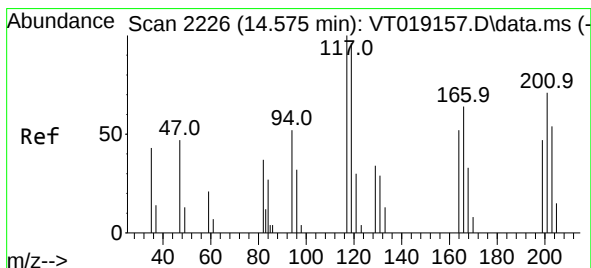
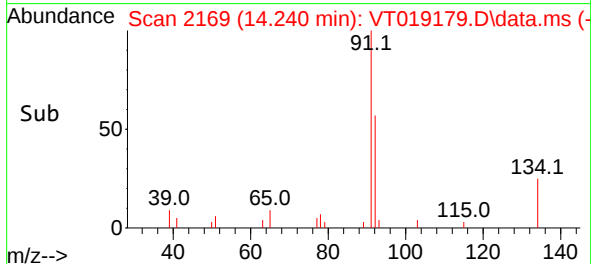
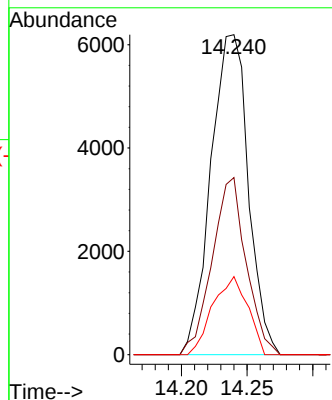
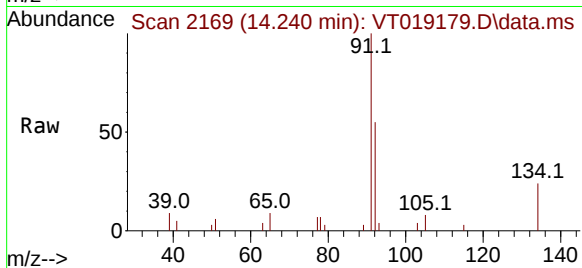




#85
n-Butylbenzene
Concen: 2.646 ug/l
RT: 14.240 min Scan# 2173
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

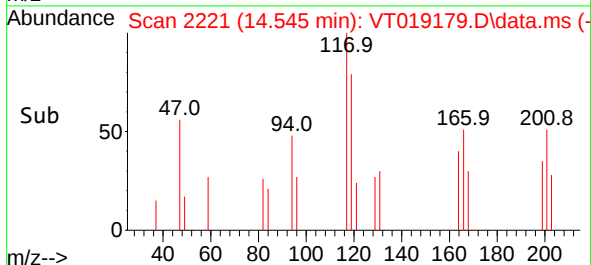
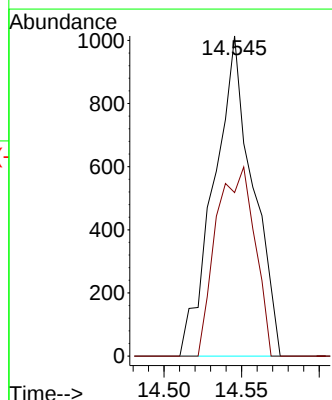
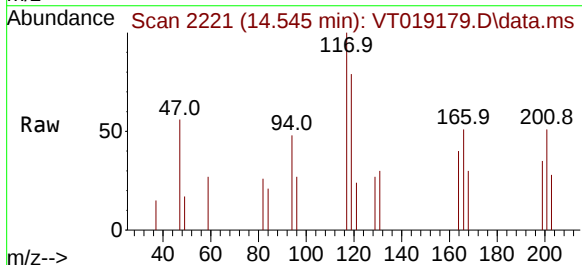
Instrument :
MSVOA_T
ClientSampleId :
MDL04

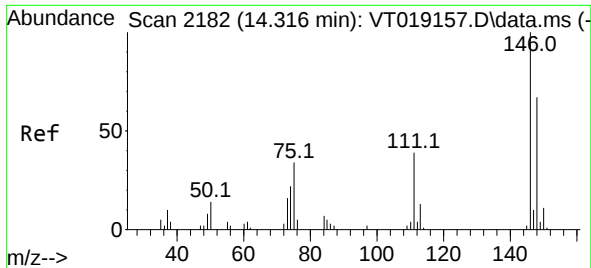
Tgt Ion: 91 Resp: 12284
Ion Ratio Lower Upper
91 100
92 50.3 0.0 107.8
134 22.8 0.0 50.0



#86
Hexachloroethane
Concen: 2.592 ug/l
RT: 14.545 min Scan# 2221
Delta R.T. -0.030 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 117 Resp: 1762
Ion Ratio Lower Upper
117 100
201 58.7 0.5 1.5#

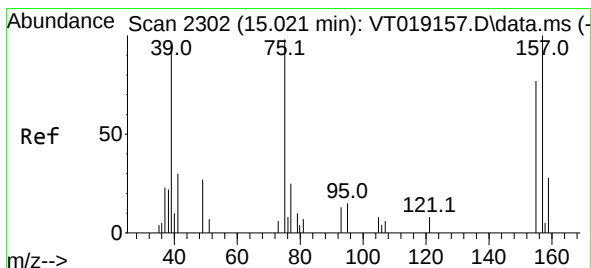
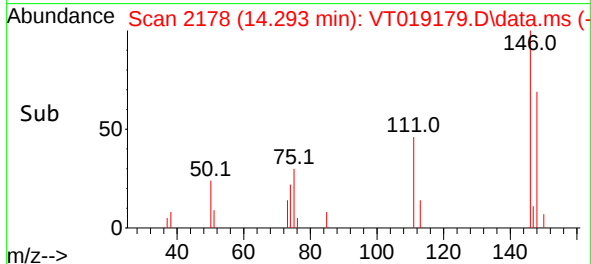
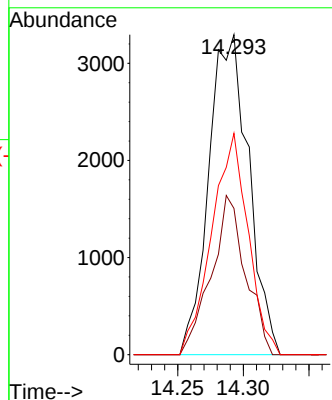
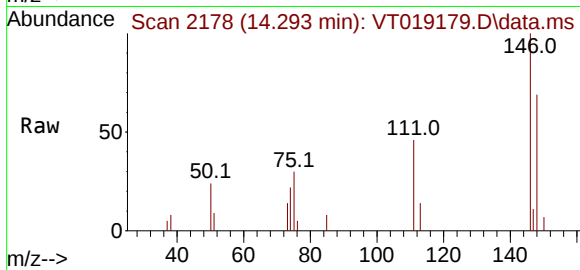




#87
1,2-Dichlorobenzene
Concen: 2.598 ug/l
RT: 14.293 min Scan# 2182
Delta R.T. -0.023 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

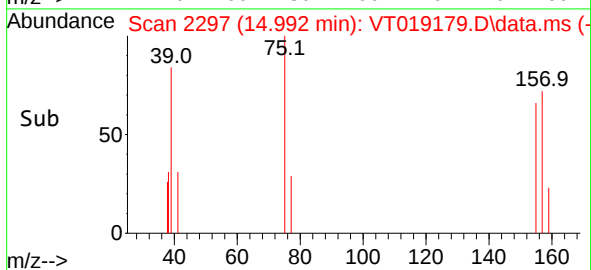
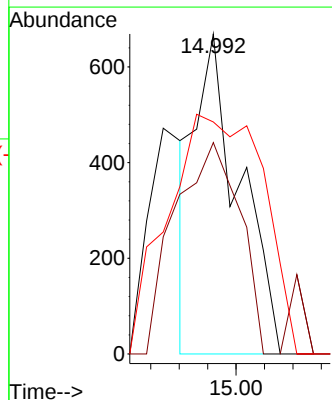
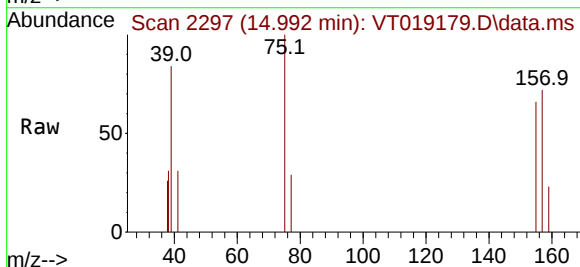
Instrument :
MSVOA_T
ClientSampleId :
MDL04

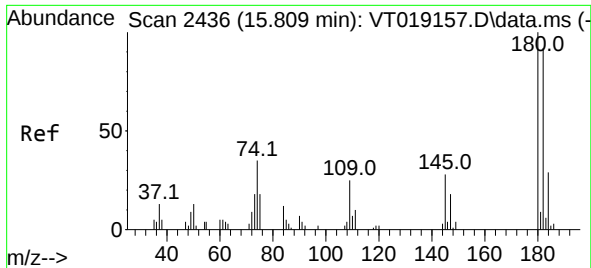
Tgt Ion:146 Resp: 6951
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.3
148 63.2 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.446 ug/l
RT: 14.992 min Scan# 2297
Delta R.T. -0.029 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion: 75 Resp: 724
Ion Ratio Lower Upper
75 100
155 97.1 65.4 98.2
157 110.5 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 2.781 ug/l

RT: 15.779 min Scan# 2431

Delta R.T. -0.030 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

Instrument :

MSVOA_T

ClientSampleId :

MDL04

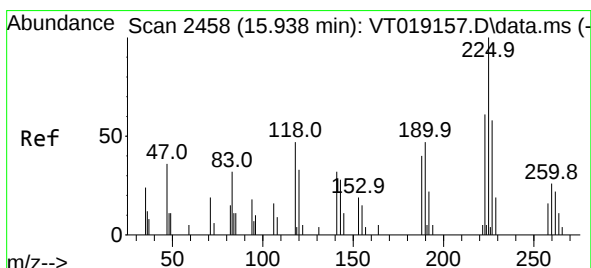
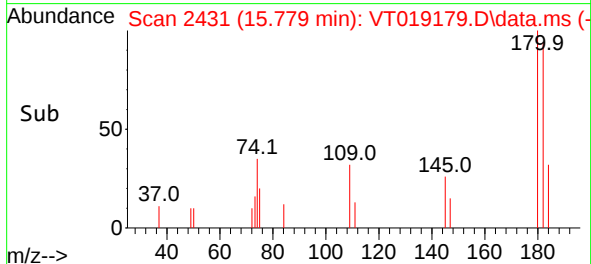
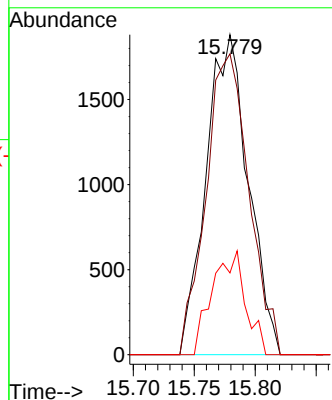
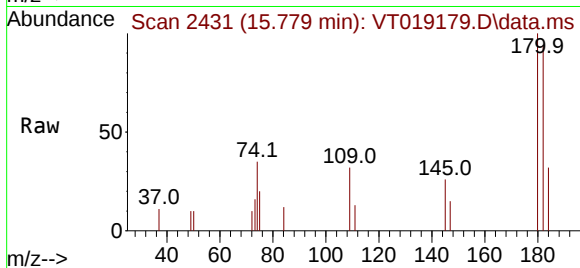
Tgt Ion:180 Resp: 4531

Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 15.7 26.5 39.7#



#90

Hexachlorobutadiene

Concen: 3.160 ug/l

RT: 15.903 min Scan# 2452

Delta R.T. -0.035 min

Lab File: VT019179.D

Acq: 24 Oct 2025 15:06

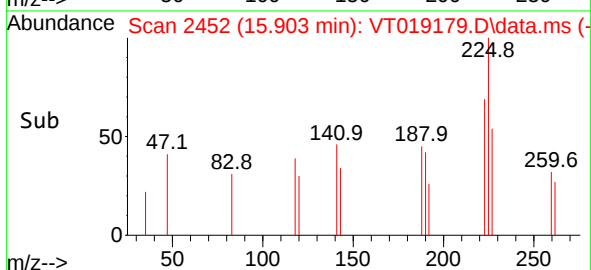
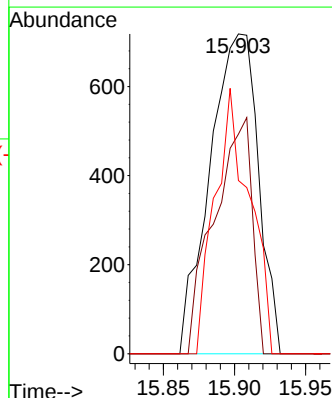
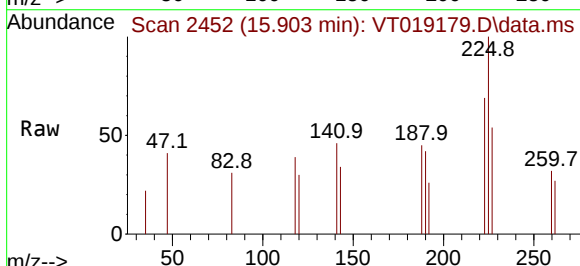
Tgt Ion:225 Resp: 1707

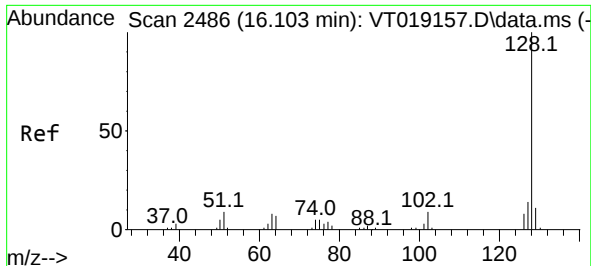
Ion Ratio Lower Upper

225 100

223 57.6 0.0 73.8

227 59.2 0.0 130.6

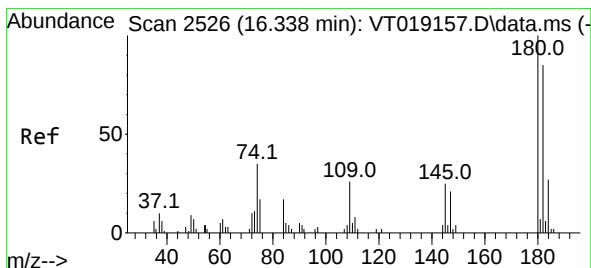
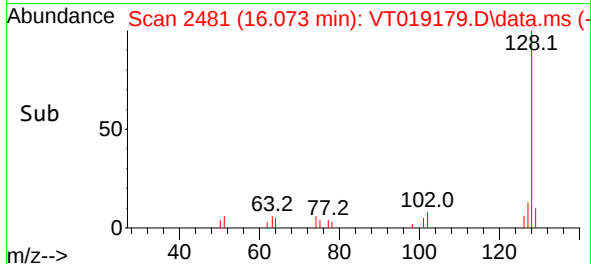
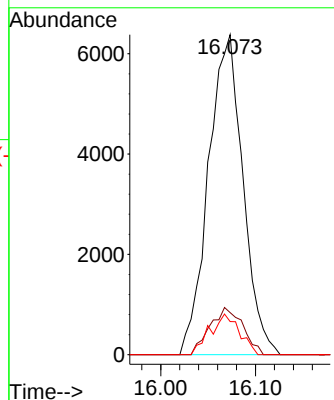
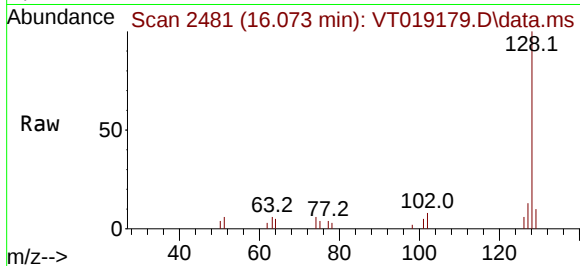




#91
Naphthalene
Concen: 2.562 ug/l
RT: 16.073 min Scan# 2486
Delta R.T. -0.024 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Instrument :
MSVOA_T
ClientSampleId :
MDL04

Tgt Ion:128 Resp: 16132
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 7.8 9.0 13.4#



#92
1,2,3-Trichlorobenzene
Concen: 1.615 ug/l
RT: 16.291 min Scan# 2518
Delta R.T. -0.047 min
Lab File: VT019179.D
Acq: 24 Oct 2025 15:06

Tgt Ion:180 Resp: 2656
Ion Ratio Lower Upper
180 100
182 147.7 0.0 189.0
145 45.1 0.0 69.2

