

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019188.D
 Acq On : 27 Oct 2025 10:08
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL06

Quant Time: Oct 28 05:57:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.019	128	25827	30.000	ug/l	#-0.06
28) 1,4-Difluorobenzene	8.529	114	166855	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.708	117	137773	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	67606	29.878	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	12.842	95	62200	28.726	ug/l	-0.05
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.767%
63) Toluene-d8	10.209	98	197307	29.423	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.067%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	1724	2.432	ug/l	95
3) Chloromethane	2.089	50	1838	1.130	ug/l #	80
4) Vinyl Chloride	2.178	62	3720	2.046	ug/l	93
5) Bromomethane	2.518	94	2170	1.437	ug/l	91
6) Chloroethane	2.665	64	3697	2.305	ug/l	92
7) Trichlorofluoromethane	2.959	101	6581	2.232	ug/l	92
8) Diethyl Ether	3.323	74	4017	2.212	ug/l	49
9) 1,1,2-Trichlorotrifluo...	3.646	101	2768	2.391	ug/l	71
10) 1,1-Dichloroethene	3.623	96	3049	2.629	ug/l #	77
11) Methyl Iodide	3.823	142	1290	1.141	ug/l #	1
12) Methyl Acetate	4.175	43	7606	1.658	ug/l #	87
13) Acrolein	3.505	56	944	6.103	ug/l #	42
14) Acrylonitrile	4.786	53	16367	11.578	ug/l	97
15) Acetone	3.705	58	9510	18.882	ug/l	78
16) Carbon Disulfide	3.923	76	5360	2.474	ug/l	99
17) Allyl chloride	4.181	41	5635	2.044	ug/l	95
18) Methylene Chloride	4.387	84	5526	3.195	ug/l #	85
19) trans-1,2-Dichloroethene	6.625	96	4421	2.478	ug/l	85
20) Diisopropyl ether	5.744	45	17213	2.453	ug/l #	71
21) 1,1-Dichloroethane	5.638	63	4544	1.386	ug/l #	82
22) cis-1,2-Dichloroethene	6.625	96	4421	2.478	ug/l	92
23) tert-Butyl Alcohol	4.610	59	8809	14.224	ug/l #	100
24) Methyl tert-Butyl Ether	4.939	73	251	0.036	ug/l #	1
25) Chloroform	7.213	83	7490	2.497	ug/l	89
26) Cyclohexane	7.513	56	4699	2.442	ug/l #	56
29) 1,1-Dichloropropene	7.665	75	4255	2.437	ug/l	71
30) 2-Butanone	6.643	43	30713	14.271	ug/l	99
31) 2,2-Dichloropropane	6.631	77	6609	2.585	ug/l #	64
32) 1,1,1-Trichloroethane	7.419	97	5187	2.358	ug/l #	88
33) Carbon Tetrachloride	7.642	117	3019	2.142	ug/l #	88
34) Benzene	7.936	78	15811	2.444	ug/l #	13
35) Methacrylonitrile	6.990	41	4322	2.359	ug/l	90
36) 1,2-Dichloroethane	8.012	62	5991	2.498	ug/l #	87
37) Trichloroethene	8.805	130	2989	2.512	ug/l	82
38) Methylcyclohexane	9.075	83	4303	2.447	ug/l	95
39) 1,2-Dichloropropane	9.117	63	4056	2.394	ug/l	93
40) Dibromomethane	9.216	93	2453	2.348	ug/l #	68
41) Bromodichloromethane	10.738	83	3217	2.398	ug/l #	92
42) Vinyl Acetate	5.685	43	57541	10.898	ug/l #	89

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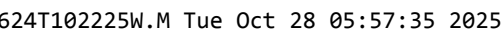
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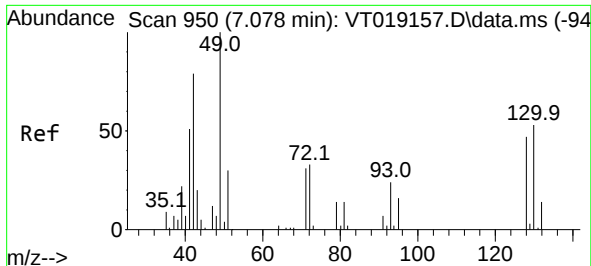
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.813	43	179	0.051	ug/l #	67
44) Isopropyl Acetate	8.071	43	13509	2.426	ug/l	95
45) 1,4-Dioxane	9.211	88	2170	44.925	ug/l #	57
46) Methyl methacrylate	9.211	41	5927	2.381	ug/l	93
47) n-amyl Acetate	12.454	43	8930	2.383	ug/l	97
48) t-1,3-Dichloropropene	10.544	75	5633	2.314	ug/l	92
49) cis-1,3-Dichloropropene	9.927	75	6106	2.387	ug/l	99
50) 1,1,2-Trichloroethane	10.738	97	3853	2.508	ug/l	90
51) Ethyl methacrylate	10.597	69	6693	2.325	ug/l	90
52) 1,3-Dichloropropane	10.909	76	6578	2.397	ug/l	100
53) Dibromochloromethane	11.126	129	3321	2.317	ug/l #	1
54) 1,2-Dibromoethane	11.255	107	3273	2.290	ug/l	95
55) 2-Chloroethyl vinyl ether	9.769	63	10820	12.885	ug/l	96
56) Bromoform	12.530	173	2168	2.301	ug/l #	29
58) 4-Methyl-2-Pentanone	10.086	43	38556	11.427	ug/l	98
59) 2-Hexanone	10.086	43	38556	11.427	ug/l #	82
61) Tetrachloroethene	10.821	164	1566	1.798	ug/l #	90
62) Toluene	10.280	91	15028	2.435	ug/l	98
64) Chlorobenzene	11.737	112	9377	2.488	ug/l #	88
65) 1,1,1,2-Tetrachloroethane	11.819	131	3148	2.564	ug/l	89
66) Ethyl Benzene	11.825	91	16226	2.419	ug/l	99
67) m/p-Xylenes	11.949	106	11642	4.670	ug/l	98
68) o-Xylene	12.319	106	6208	2.412	ug/l	93
69) Styrene	12.342	104	10981	2.377	ug/l	95
70) Isopropylbenzene	12.665	105	15953	2.527	ug/l	95
71) 1,1,2,2-Tetrachloroethane	12.953	83	5920	2.390	ug/l	98
72) 1,2,3-Trichloropropane	13.047	75	165	0.090	ug/l #	25
73) Bromobenzene	12.989	156	3735	2.516	ug/l	67
74) n-propylbenzene	13.053	91	18331	2.408	ug/l	100
75) 2-Chlorotoluene	13.259	91	11443	2.456	ug/l	99
76) 1,3,5-Trimethylbenzene	13.212	105	12620	2.437	ug/l	95
77) t-1,4-Dichloro-2-butene	12.718	75	2054	2.312	ug/l	82
78) 4-Chlorotoluene	13.153	91	11330	2.465	ug/l	97
79) tert-butylbenzene	13.559	119	2838	0.617	ug/l	80
80) 1,2,4-Trimethylbenzene	13.559	105	13158	2.435	ug/l	100
81) sec-Butylbenzene	13.717	105	16028	2.419	ug/l	97
82) p-Isopropyltoluene	13.841	119	12986	2.355	ug/l	98
83) 1,3-Dichlorobenzene	13.935	146	7982	2.742	ug/l	95
84) 1,4-Dichlorobenzene	13.935	146	7982	2.723	ug/l	94
85) n-Butylbenzene	14.217	91	11340	2.247	ug/l	99
86) Hexachloroethane	14.522	117	1726	2.336	ug/l #	1
87) 1,2-Dichlorobenzene	14.264	146	7509	2.582	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.969	75	1064	1.955	ug/l	96
89) 1,2,4-Trichlorobenzene	15.756	180	4523	2.555	ug/l	95
90) Hexachlorobutadiene	15.874	225	1778	3.029	ug/l	93
91) Naphthalene	16.038	128	16963	2.479	ug/l #	93
92) 1,2,3-Trichlorobenzene	16.273	180	4298	2.405	ug/l	94

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

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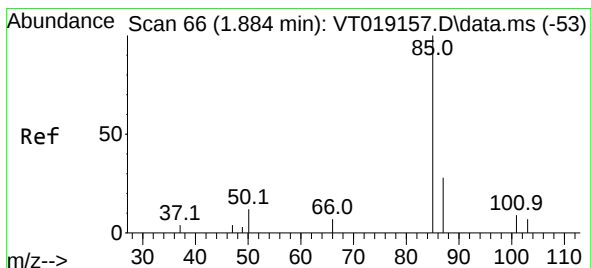
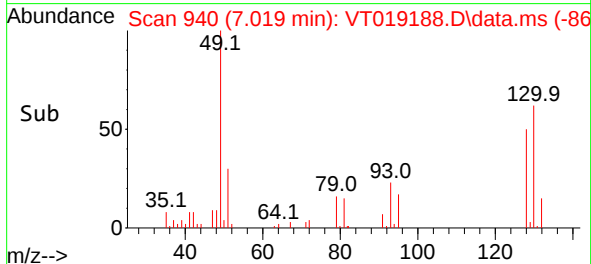
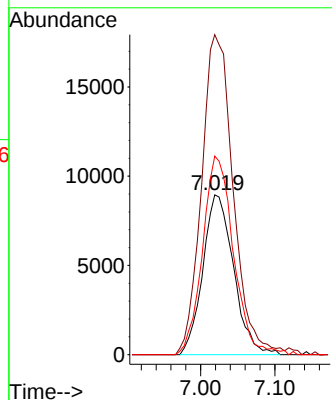
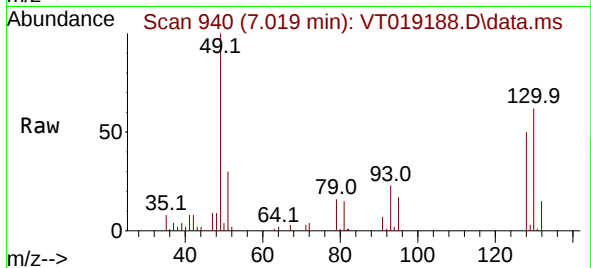




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.019 min Scan# 94
Delta R.T. -0.059 min
Lab File: VT019188.D
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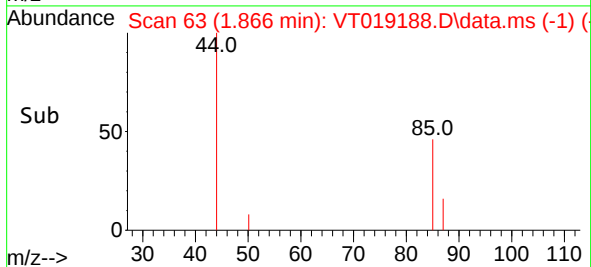
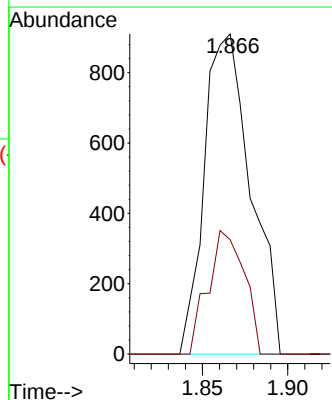
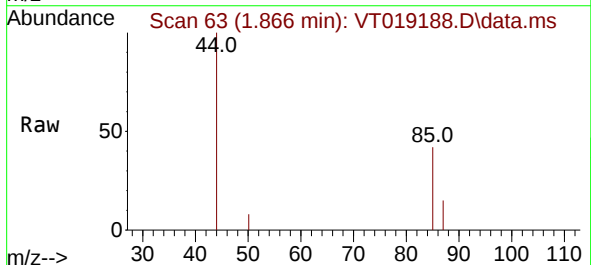
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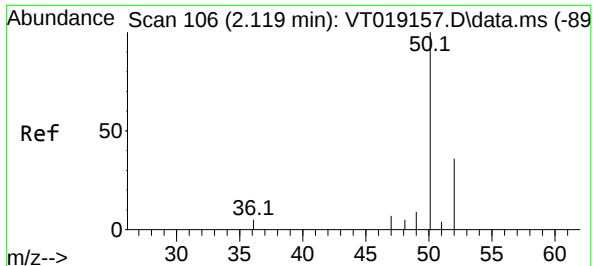
Tgt Ion:128 Resp: 25827
Ion Ratio Lower Upper
128 100
49 204.6 0.0 0.0#
130 124.4 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.432 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 85 Resp: 1724
Ion Ratio Lower Upper
85 100
87 35.7 16.4 49.1

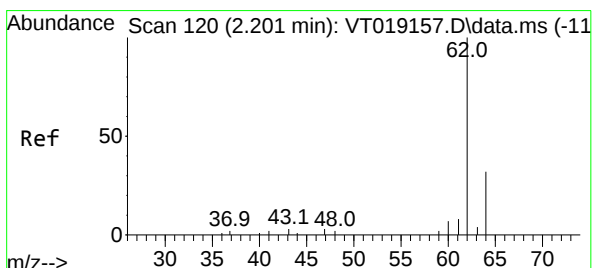
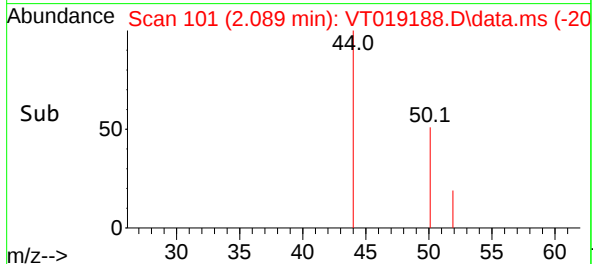
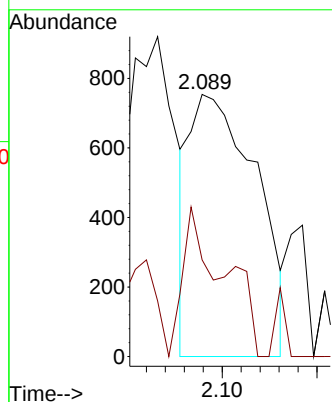
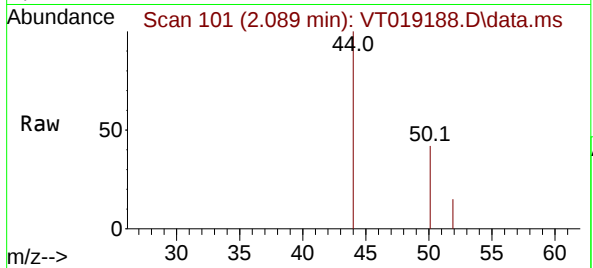




#3
Chloromethane
Concen: 1.130 ug/l
RT: 2.089 min Scan# 106
Delta R.T. -0.024 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

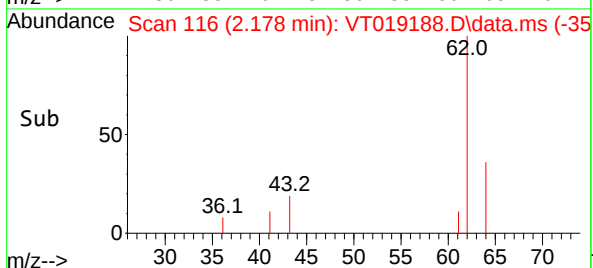
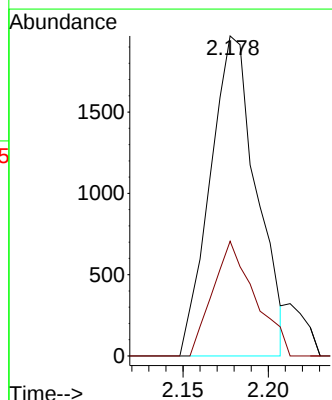
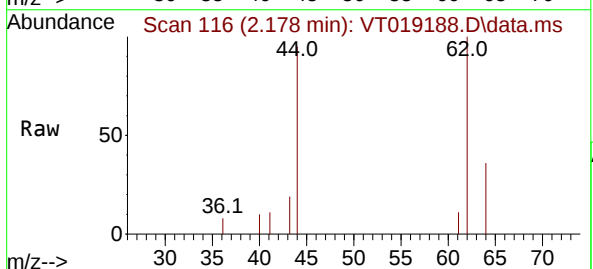
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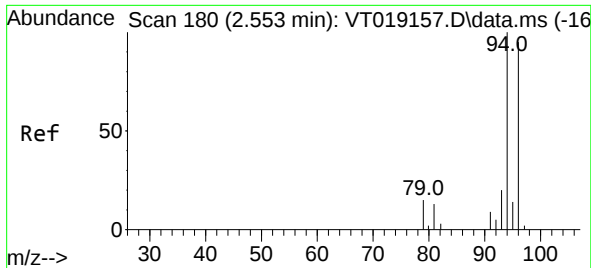
Tgt Ion: 50 Resp: 1838
Ion Ratio Lower Upper
50 100
52 19.5 24.4 36.6#



#4
Vinyl Chloride
Concen: 2.046 ug/l
RT: 2.178 min Scan# 116
Delta R.T. -0.023 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 62 Resp: 3720
Ion Ratio Lower Upper
62 100
64 35.9 25.7 38.5

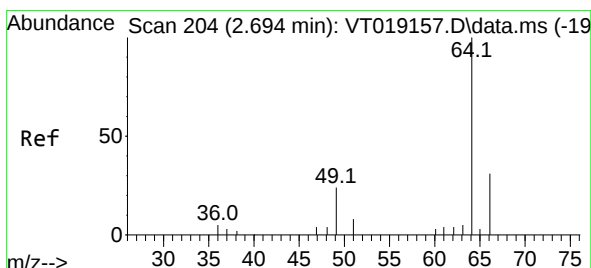
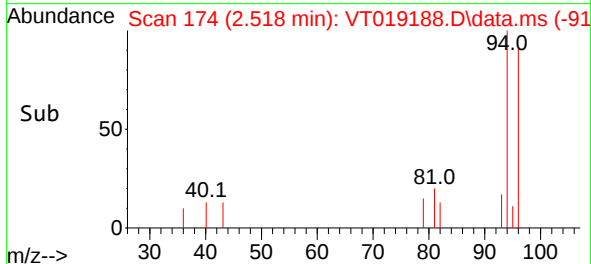
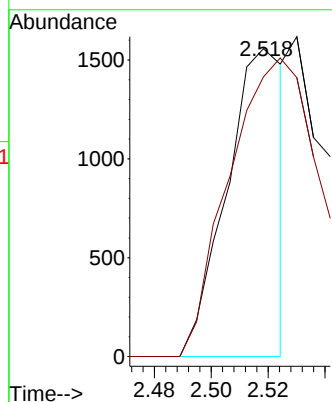
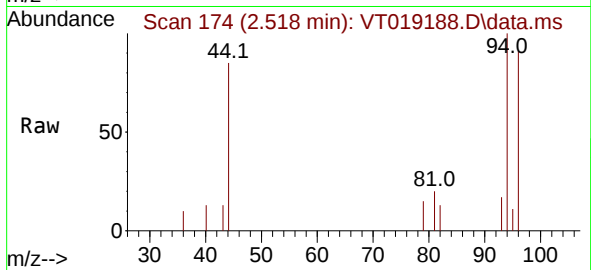




#5
Bromomethane
Concen: 1.437 ug/l
RT: 2.518 min Scan# 1
Delta R.T. -0.012 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

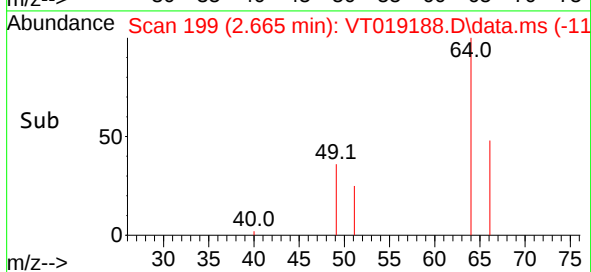
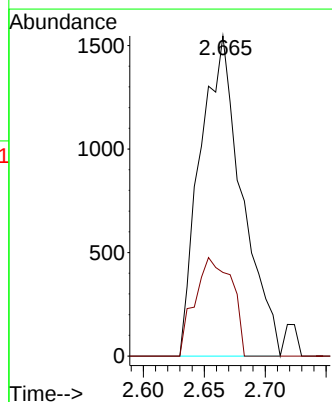
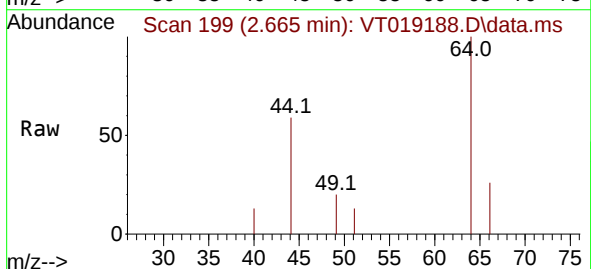
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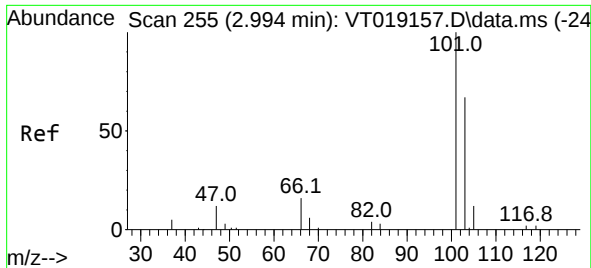
Tgt Ion: 94 Resp: 2170
Ion Ratio Lower Upper
94 100
96 90.8 66.0 99.0



#6
Chloroethane
Concen: 2.305 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 64 Resp: 3697
Ion Ratio Lower Upper
64 100
66 26.1 24.3 36.5

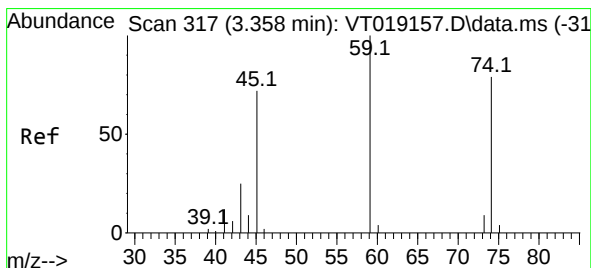
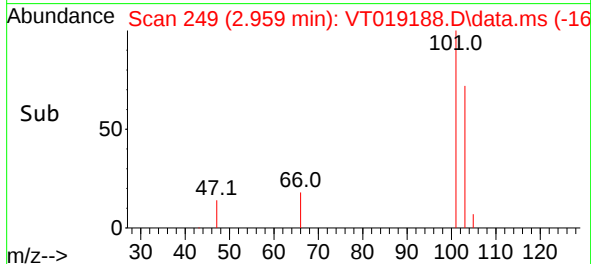
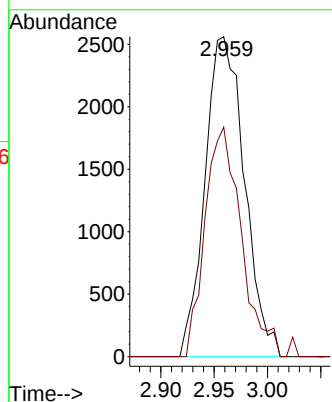
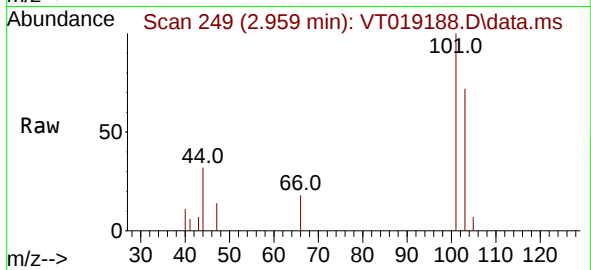




#7
 Trichlorofluoromethane
 Concen: 2.232 ug/l
 RT: 2.959 min Scan# 249
 Delta R.T. -0.023 min
 Lab File: VT019188.D
 Acq: 27 Oct 2025 10:08

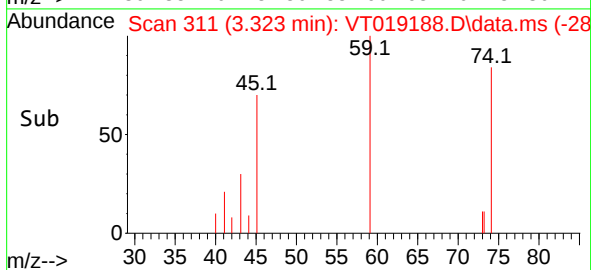
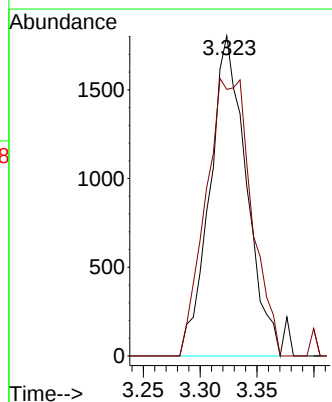
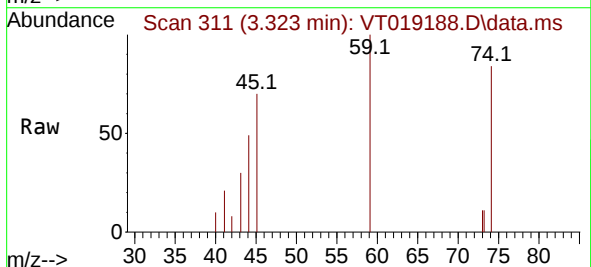
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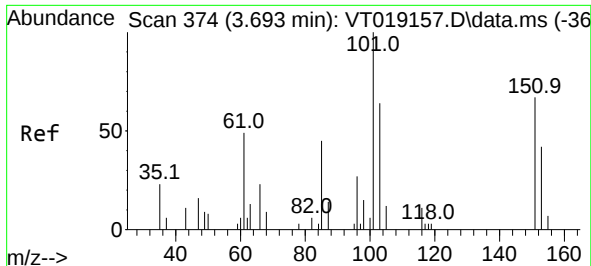
Tgt Ion:101 Resp: 6581
 Ion Ratio Lower Upper
 101 100
 103 71.8 52.4 78.6



#8
 Diethyl Ether
 Concen: 2.212 ug/l
 RT: 3.323 min Scan# 311
 Delta R.T. -0.035 min
 Lab File: VT019188.D
 Acq: 27 Oct 2025 10:08

Tgt Ion: 74 Resp: 4017
 Ion Ratio Lower Upper
 74 100
 45 56.1 22.0 197.6

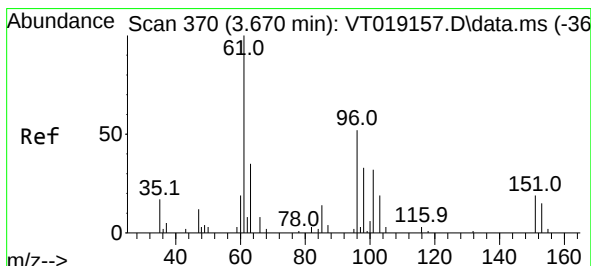
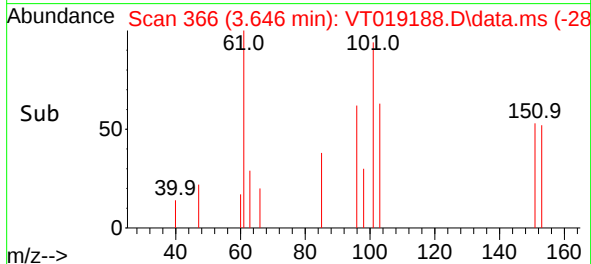
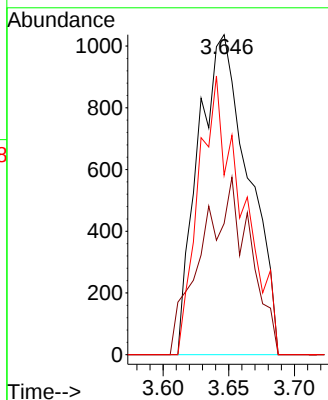
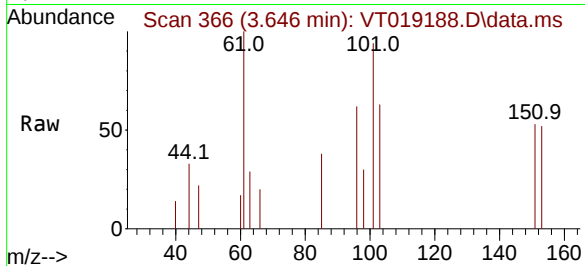




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.391 ug/l
 RT: 3.646 min Scan# 30
 Delta R.T. -0.036 min
 Lab File: VT019188.D
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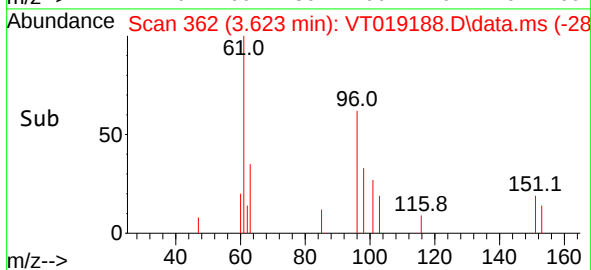
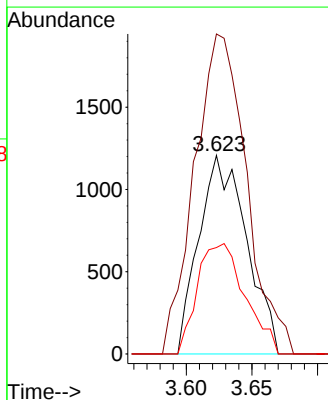
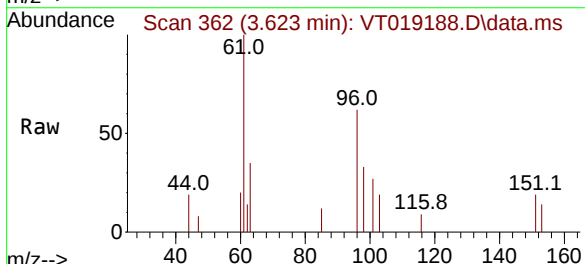
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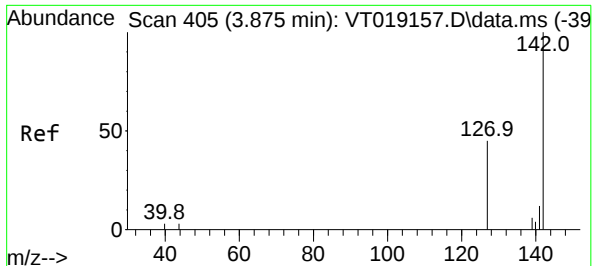
Tgt Ion:101 Resp: 2768
 Ion Ratio Lower Upper
 101 100
 85 6.6 0.0 91.8
 151 75.3 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 2.629 ug/l
 RT: 3.623 min Scan# 362
 Delta R.T. -0.047 min
 Lab File: VT019188.D
 Acq: 27 Oct 2025 10:08

Tgt Ion: 96 Resp: 3049
 Ion Ratio Lower Upper
 96 100
 61 142.9 145.5 218.3#
 98 53.6 49.5 74.3

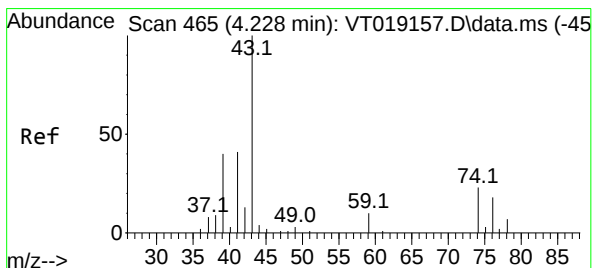
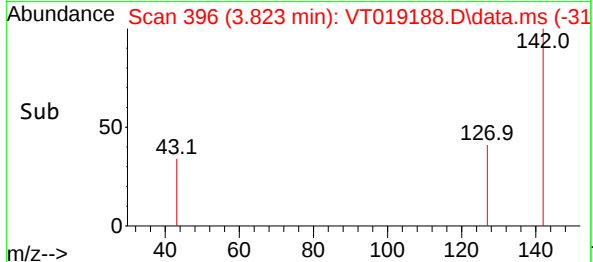
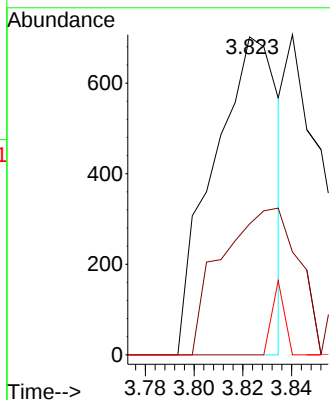
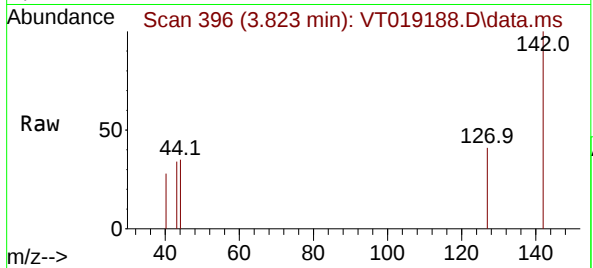




#11
Methyl Iodide
Concen: 1.141 ug/l
RT: 3.823 min Scan# 396
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

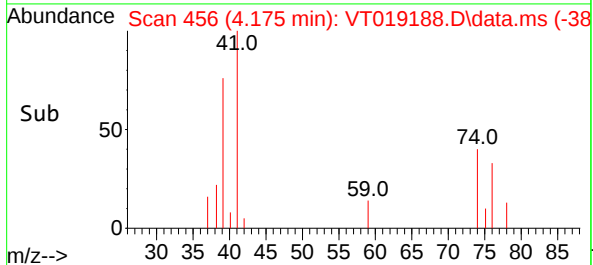
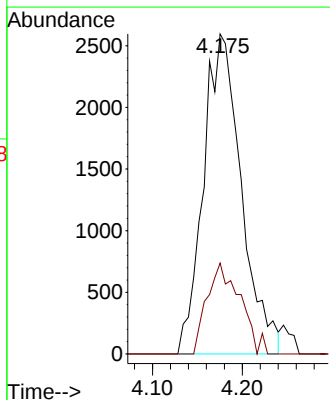
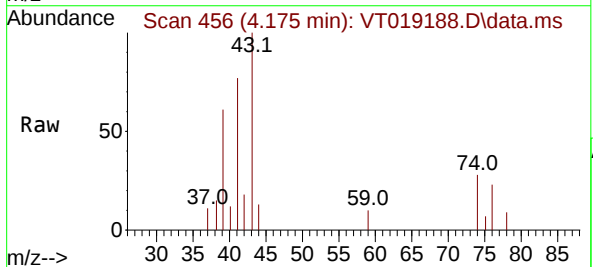
Instrument :
MSVOA_T
ClientSampleId :
MDL06

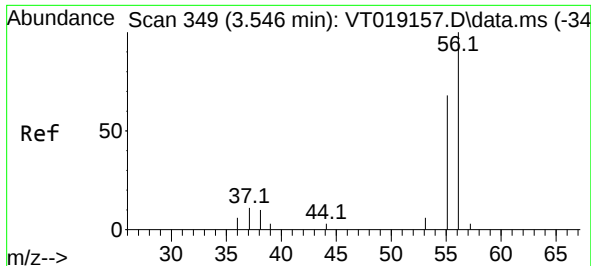
Tgt Ion:142 Resp: 1290
Ion Ratio Lower Upper
142 100
127 30.3 0.9 2.8#
141 0.0 55.5 166.5#



#12
Methyl Acetate
Concen: 1.658 ug/l
RT: 4.175 min Scan# 456
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 43 Resp: 7606
Ion Ratio Lower Upper
43 100
74 29.4 18.4 27.6#





#13

Acrolein

Concen: 6.103 ug/l

RT: 3.505 min Scan# 34

Delta R.T. -0.041 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

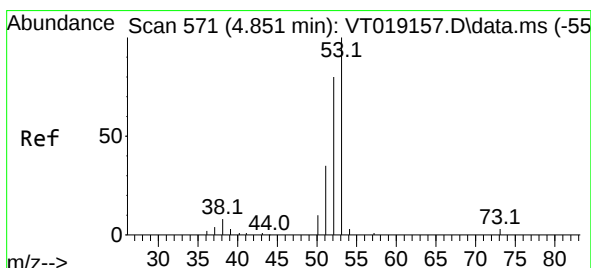
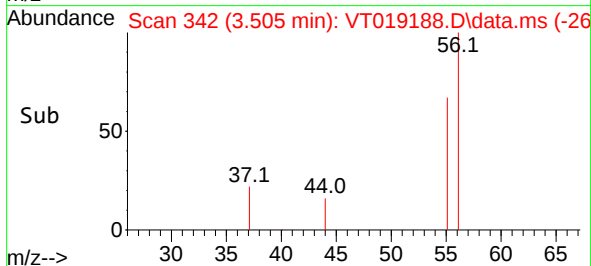
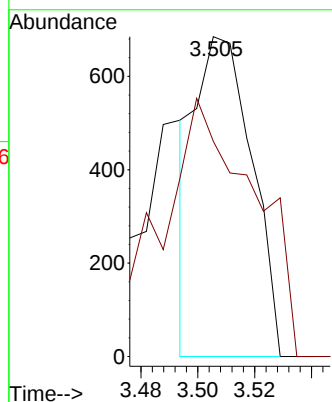
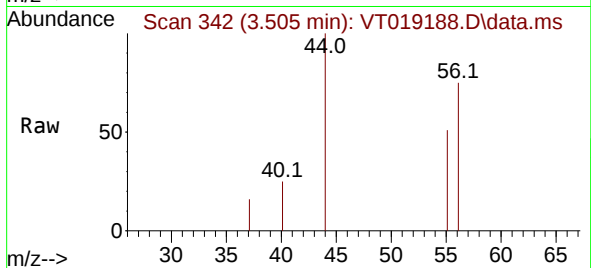
MDL06

Tgt Ion: 56 Resp: 944

Ion Ratio Lower Upper

56 100

55 119.1 56.8 85.2#



#14

Acrylonitrile

Concen: 11.578 ug/l

RT: 4.786 min Scan# 560

Delta R.T. -0.065 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

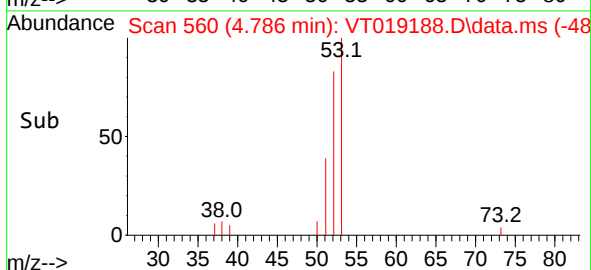
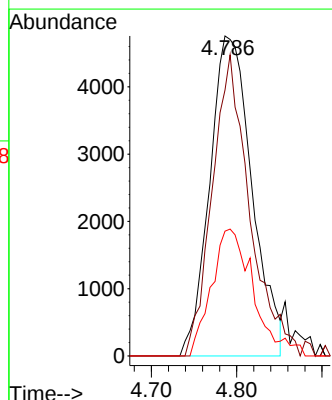
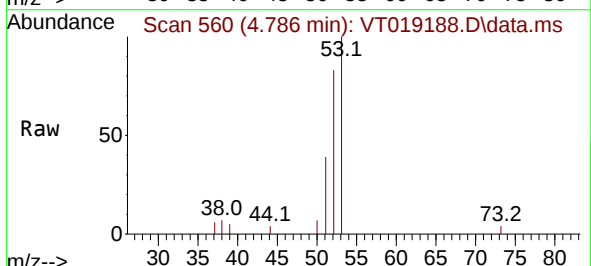
Tgt Ion: 53 Resp: 16367

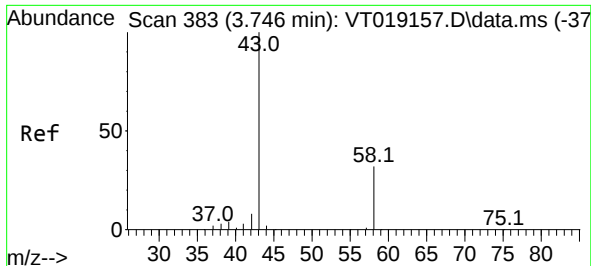
Ion Ratio Lower Upper

53 100

52 83.4 41.3 123.7

51 29.1 17.2 51.5





#15

Acetone

Concen: 18.882 ug/l

RT: 3.705 min Scan# 31

Delta R.T. -0.035 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

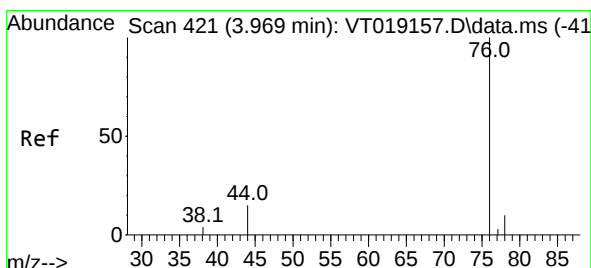
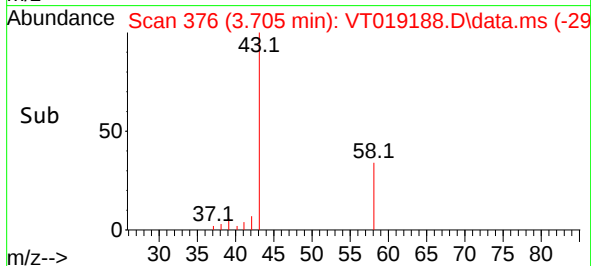
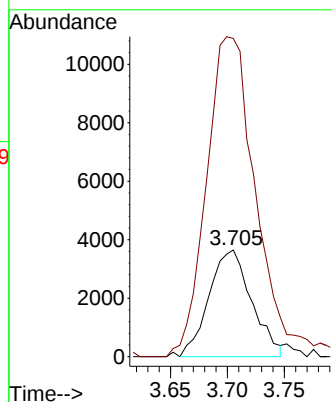
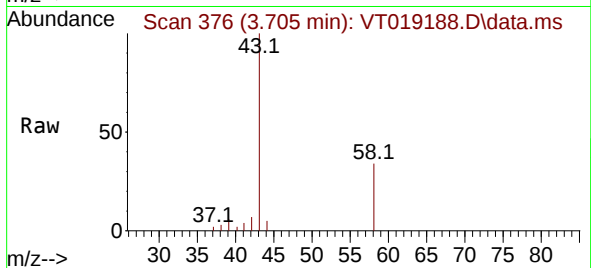
MDL06

Tgt Ion: 58 Resp: 9510

Ion Ratio Lower Upper

58 100

43 287.5 266.9 400.3



#16

Carbon Disulfide

Concen: 2.474 ug/l

RT: 3.923 min Scan# 413

Delta R.T. -0.041 min

Lab File: VT019188.D

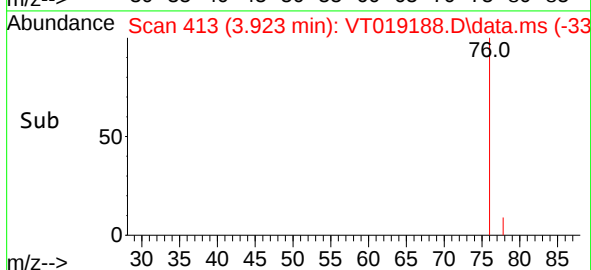
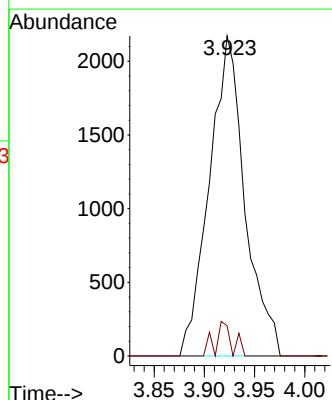
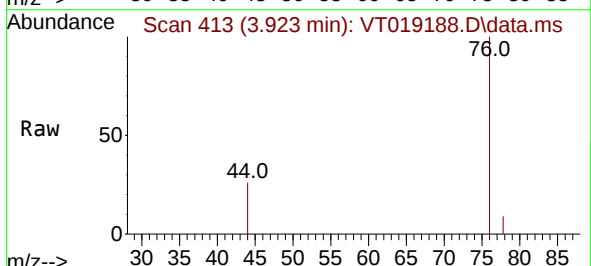
Acq: 27 Oct 2025 10:08

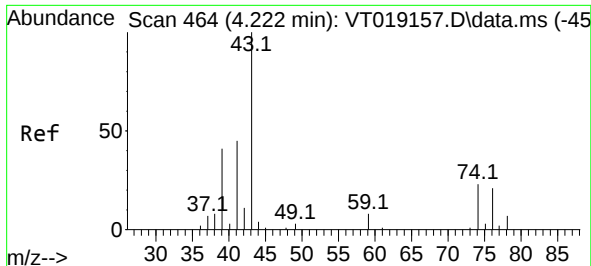
Tgt Ion: 76 Resp: 5360

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7





#17

Allyl chloride

Concen: 2.044 ug/l

RT: 4.181 min Scan# 41

Delta R.T. -0.041 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

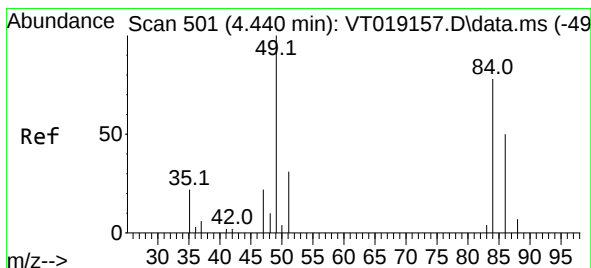
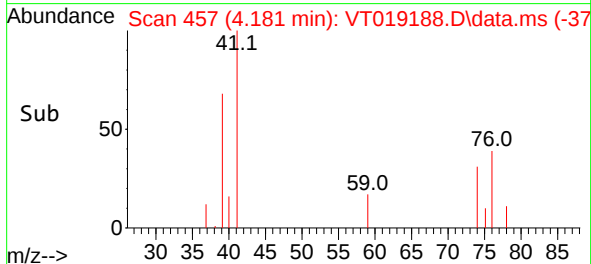
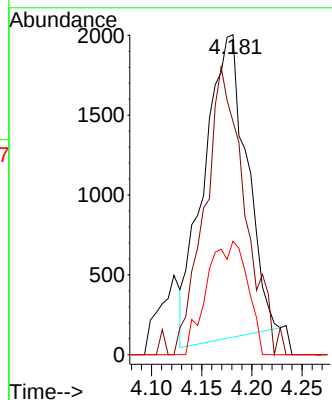
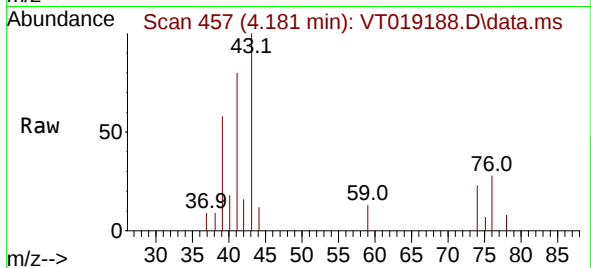
Tgt Ion: 41 Resp: 5635

Ion Ratio Lower Upper

41 100

39 70.4 34.3 102.8

76 38.7 16.7 50.0



#18

Methylene Chloride

Concen: 3.195 ug/l

RT: 4.387 min Scan# 492

Delta R.T. -0.041 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Tgt Ion: 84 Resp: 5526

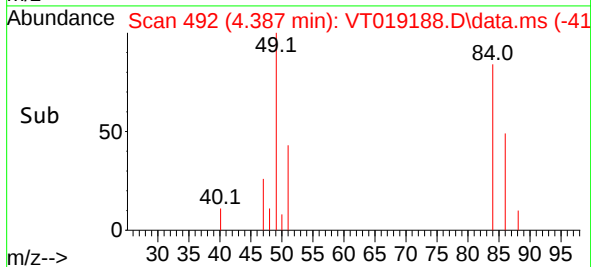
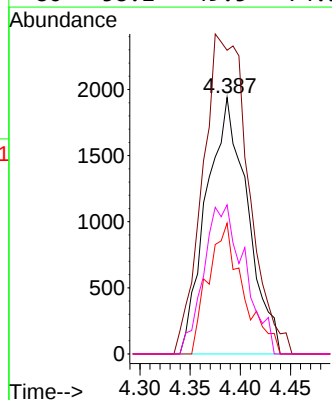
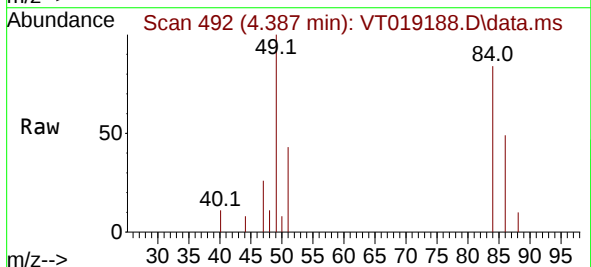
Ion Ratio Lower Upper

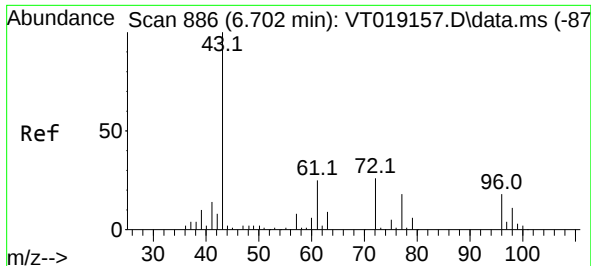
84 100

49 110.6 107.9 161.9

51 51.0 33.4 50.2#

86 58.2 49.5 74.3

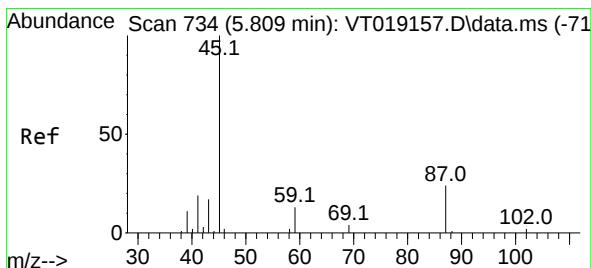
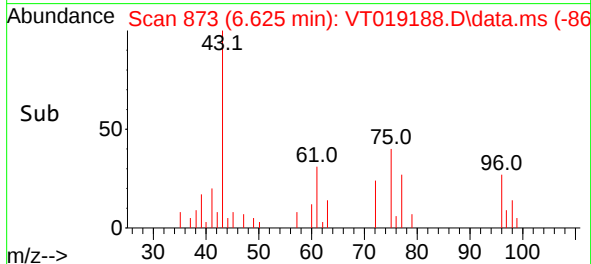
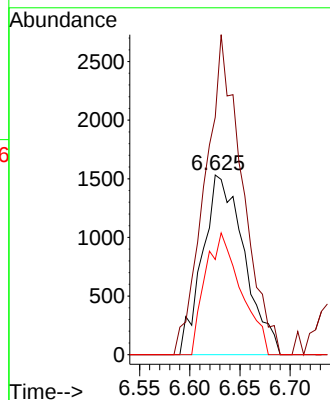
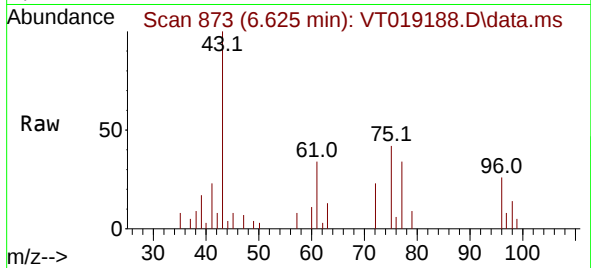




#19
trans-1,2-Dichloroethene
Concen: 2.478 ug/l
RT: 6.625 min Scan# 81
Delta R.T. -0.065 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

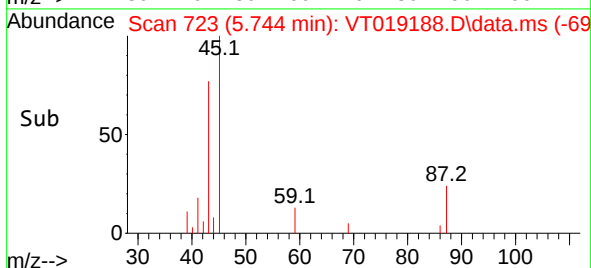
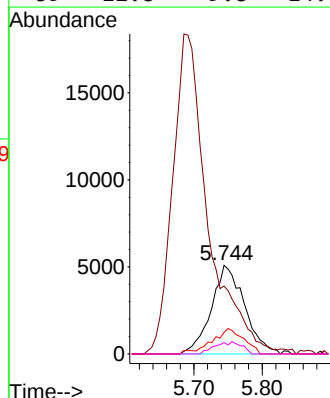
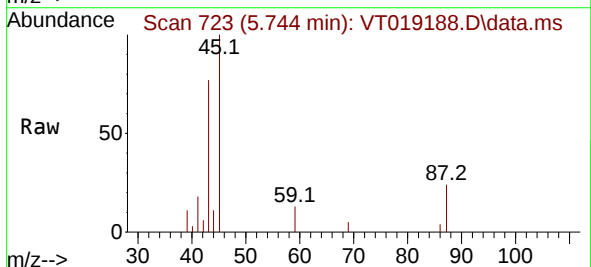
Instrument :
MSVOA_T
ClientSampleId :
MDL06

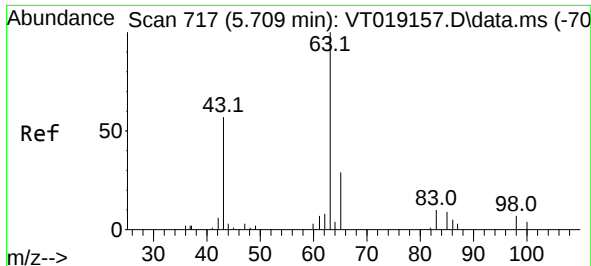
Tgt Ion: 96 Resp: 4421
Ion Ratio Lower Upper
96 100
61 132.1 122.3 183.5
98 53.0 50.2 75.2



#20
Diisopropyl ether
Concen: 2.453 ug/l
RT: 5.744 min Scan# 723
Delta R.T. -0.059 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 45 Resp: 17213
Ion Ratio Lower Upper
45 100
43 70.9 89.1 133.7#
87 24.2 21.3 31.9
59 12.8 9.8 14.8





#21

1,1-Dichloroethane

Concen: 1.386 ug/l

RT: 5.638 min Scan# 717

Delta R.T. -0.071 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

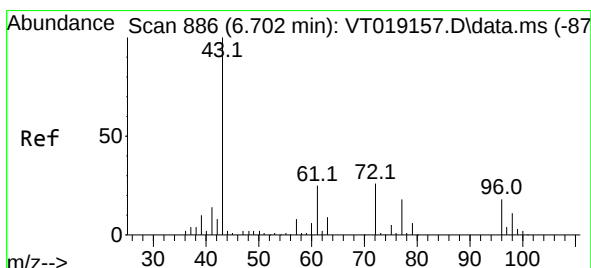
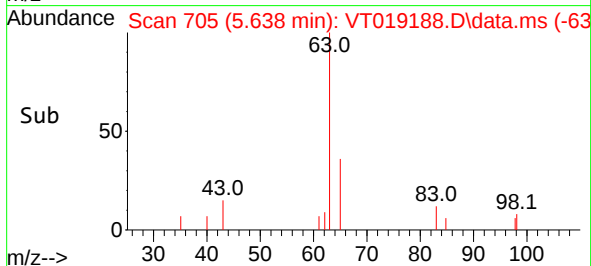
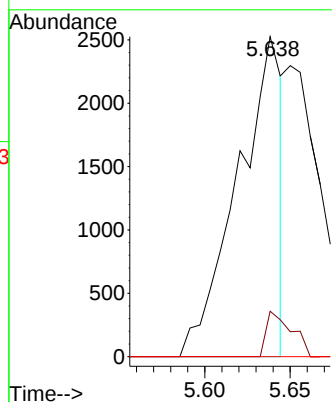
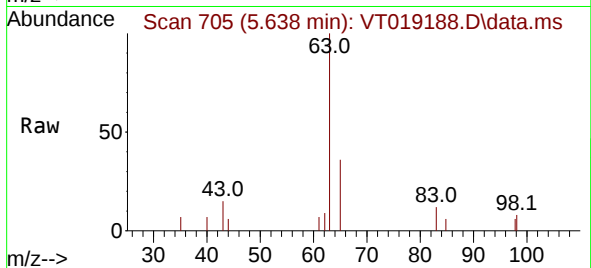
Instrument :

MSVOA_T

ClientSampleId :

MDL06

Tgt Ion:	63	Resp:	4544
Ion	Ratio	Lower	Upper
63	100		
98	14.2	3.5	10.5#
100	0.0	2.2	6.6#



#22

cis-1,2-Dichloroethene

Concen: 2.478 ug/l

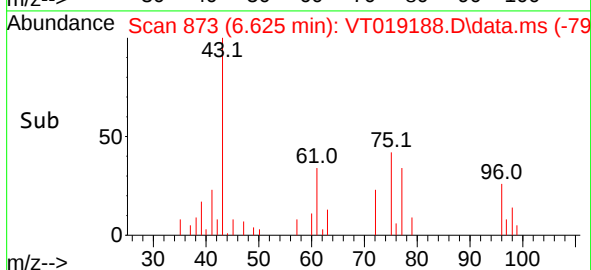
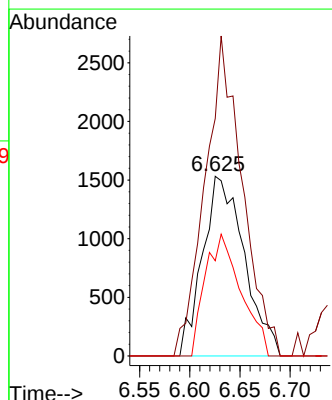
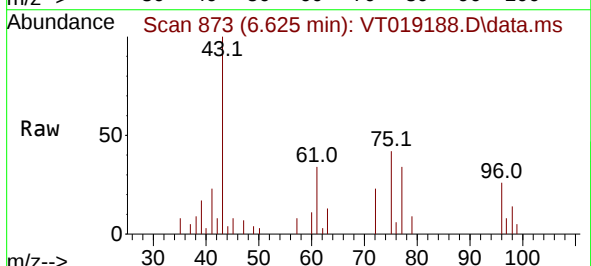
RT: 6.625 min Scan# 873

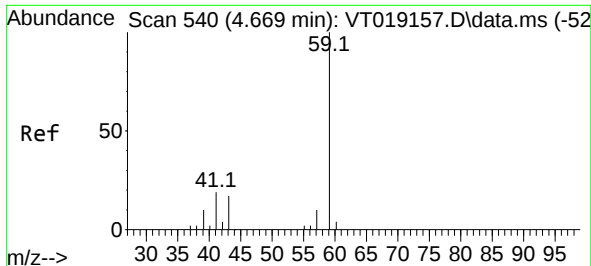
Delta R.T. -0.065 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Tgt Ion:	96	Resp:	4421
Ion	Ratio	Lower	Upper
96	100		
61	159.5	120.0	180.0
98	58.4	52.8	79.2

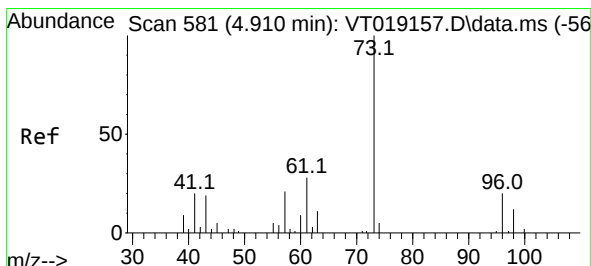
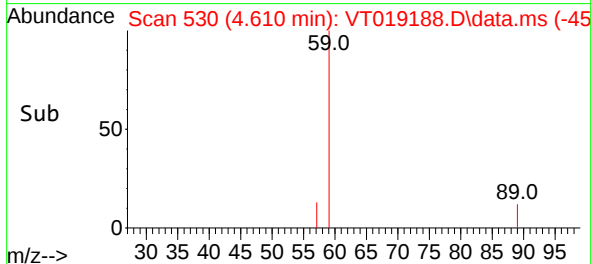
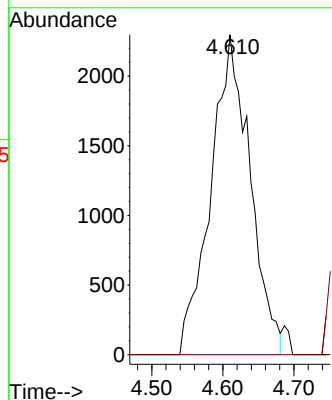
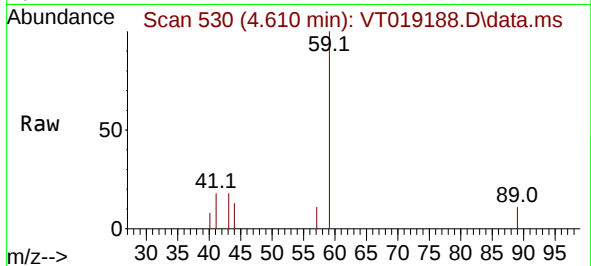




#23
tert-Butyl Alcohol
Concen: 14.224 ug/l
RT: 4.610 min Scan# 51
Delta R.T. -0.065 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

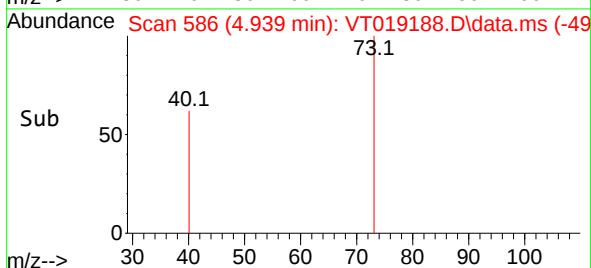
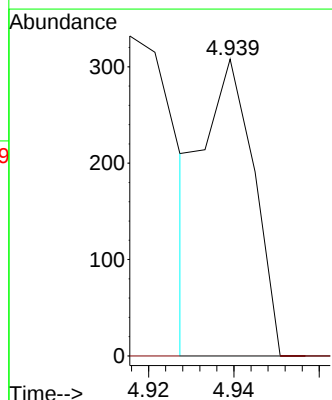
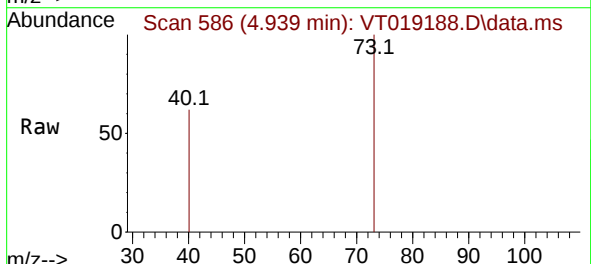
Instrument :
MSVOA_T
ClientSampleId :
MDL06

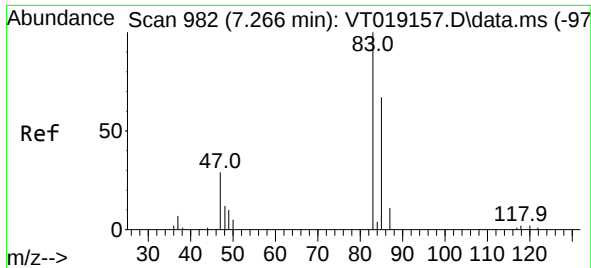
Tgt Ion: 59 Resp: 8809
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 0.036 ug/l
RT: 4.939 min Scan# 586
Delta R.T. 0.018 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 73 Resp: 251
Ion Ratio Lower Upper
73 100
43 81.7 16.9 25.3#

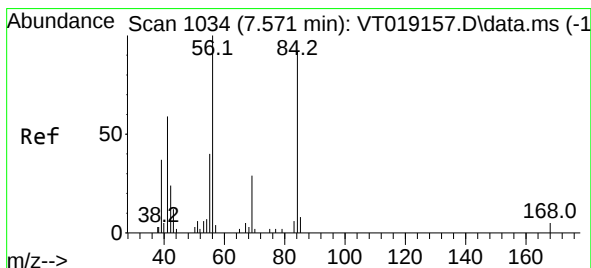
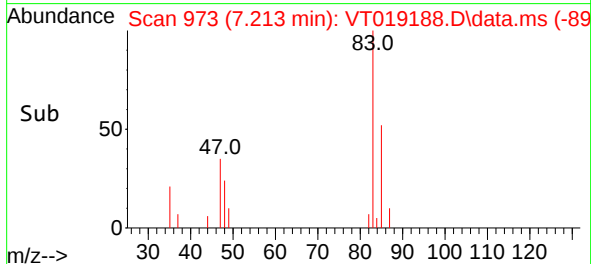
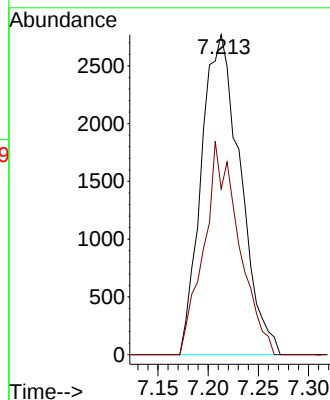
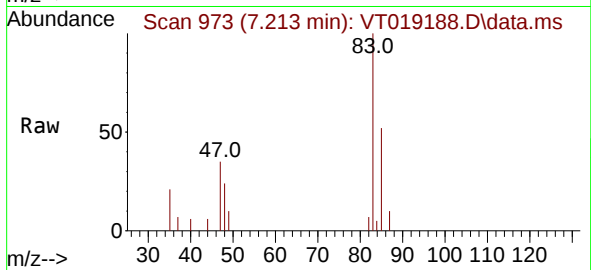




#25
Chloroform
Concen: 2.497 ug/l
RT: 7.213 min Scan# 91
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

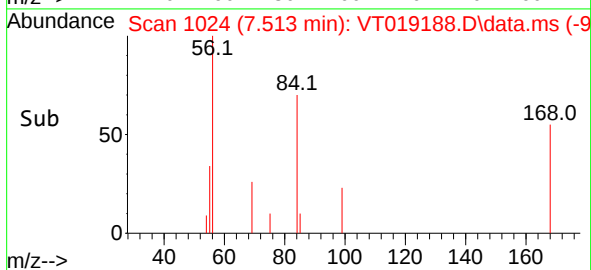
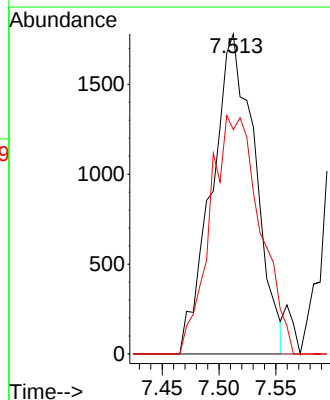
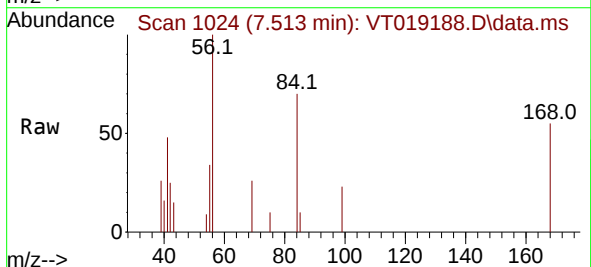
Instrument :
MSVOA_T
ClientSampleId :
MDL06

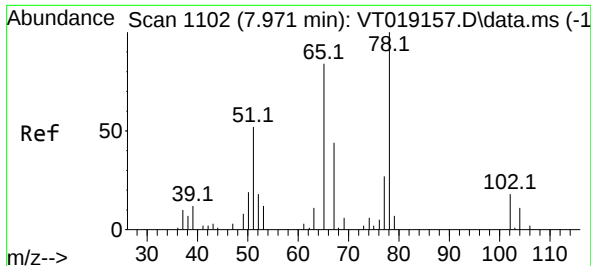
Tgt Ion: 83 Resp: 7490
Ion Ratio Lower Upper
83 100
85 51.8 48.0 72.0



#26
Cyclohexane
Concen: 2.442 ug/l
RT: 7.513 min Scan# 1024
Delta R.T. -0.052 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 56 Resp: 4699
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 44.5 67.9 101.9#





#27

1,2-Dichloroethane-d4

Concen: 29.878 ug/l

RT: 7.918 min Scan# 1102

Delta R.T. -0.053 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

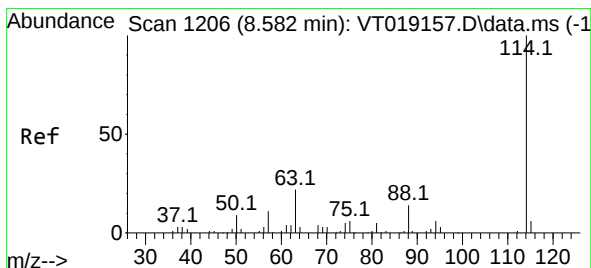
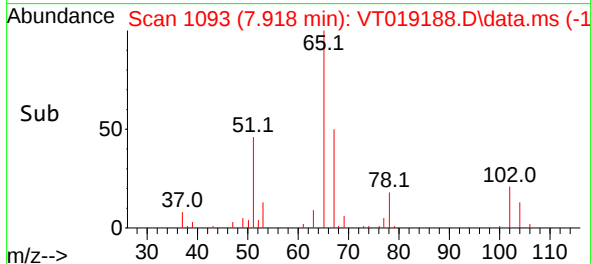
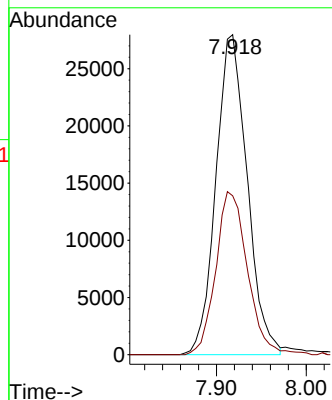
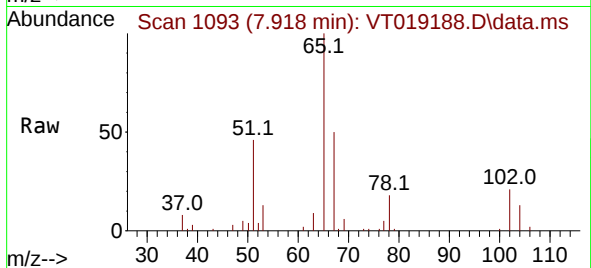
MDL06

Tgt Ion: 65 Resp: 67606

Ion Ratio Lower Upper

65 100

67 51.7 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

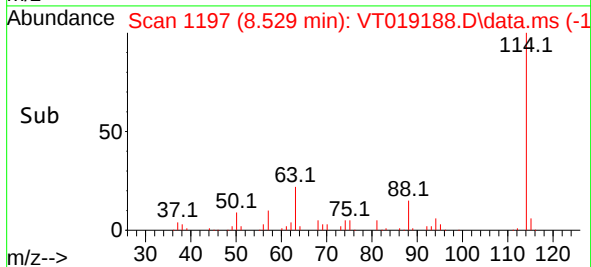
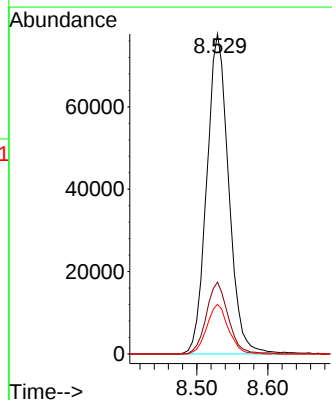
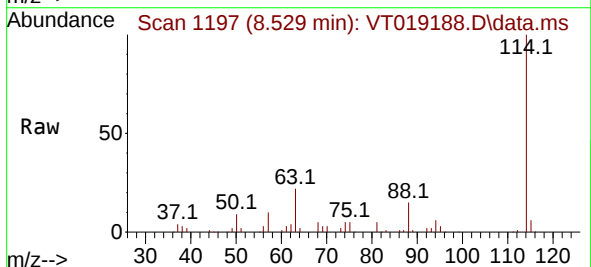
Tgt Ion: 114 Resp: 166855

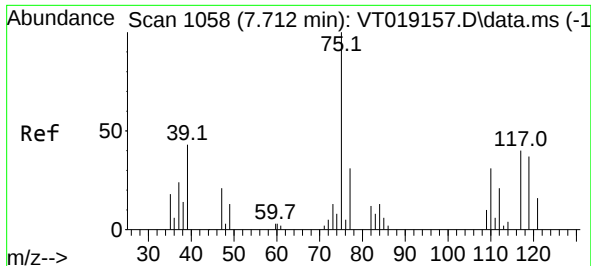
Ion Ratio Lower Upper

114 100

63 22.2 17.4 26.0

88 15.1 13.0 19.6





#29

1,1-Dichloropropene

Concen: 2.437 ug/l

RT: 7.665 min Scan# 1050

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

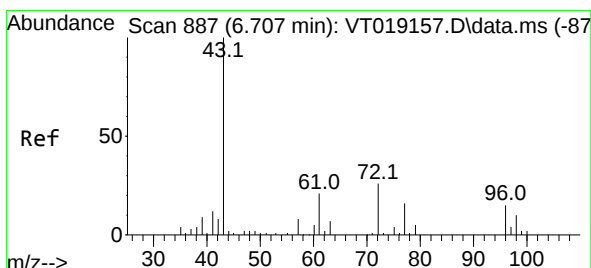
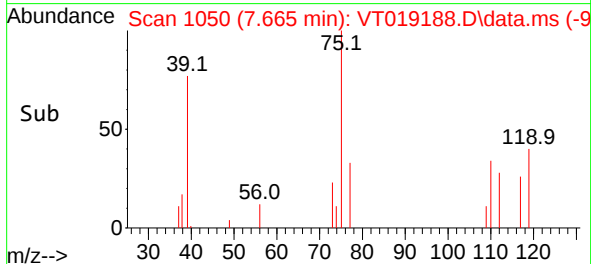
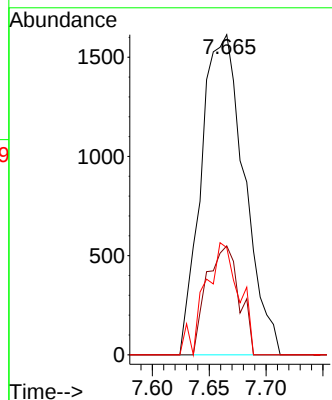
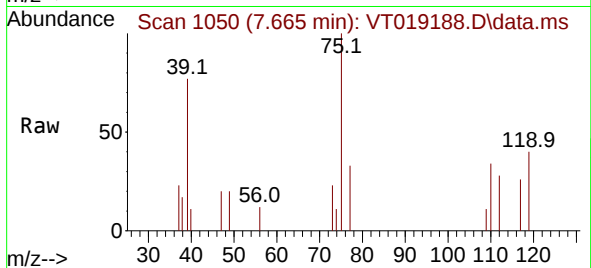
Tgt Ion: 75 Resp: 4255

Ion Ratio Lower Upper

75 100

110 25.5 0.0 70.8

77 7.7 0.0 61.6



#30

2-Butanone

Concen: 14.271 ug/l

RT: 6.643 min Scan# 876

Delta R.T. -0.059 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

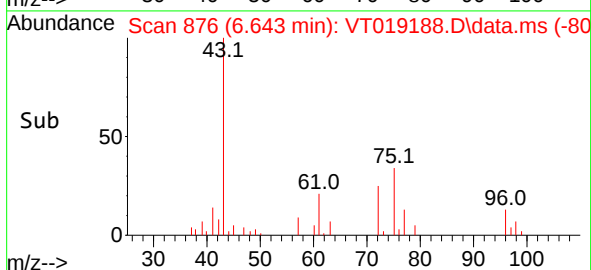
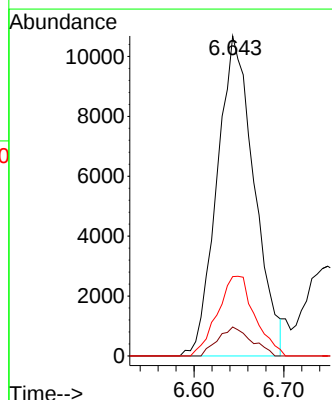
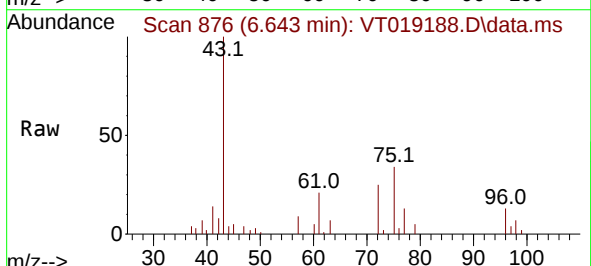
Tgt Ion: 43 Resp: 30713

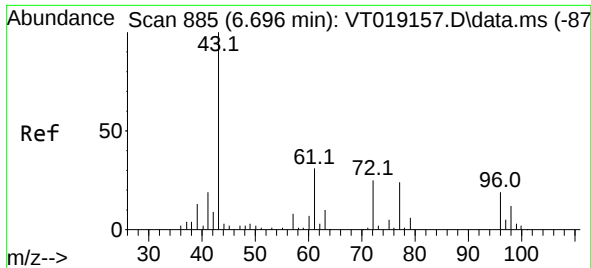
Ion Ratio Lower Upper

43 100

57 8.2 5.9 8.9

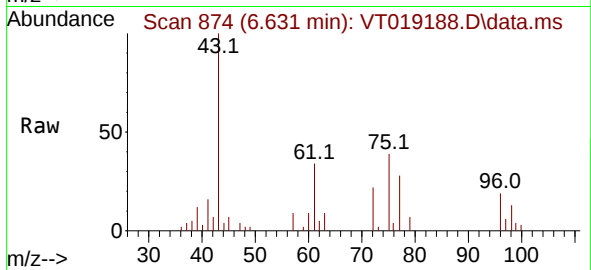
72 24.9 20.2 30.2



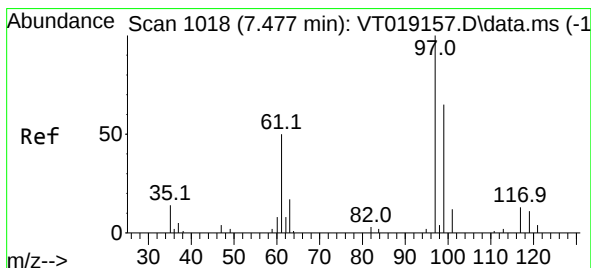
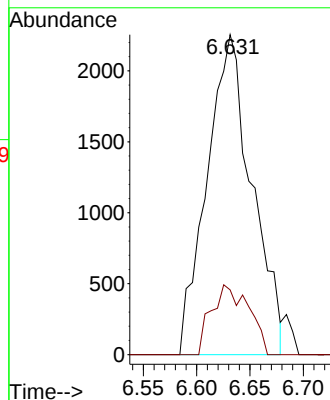
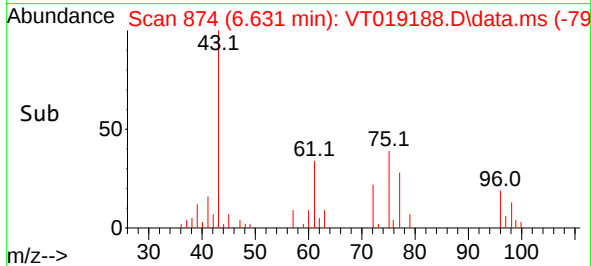


#31
2,2-Dichloropropane
Concen: 2.585 ug/l
RT: 6.631 min Scan# 81
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Instrument :
MSVOA_T
ClientSampleId :
MDL06

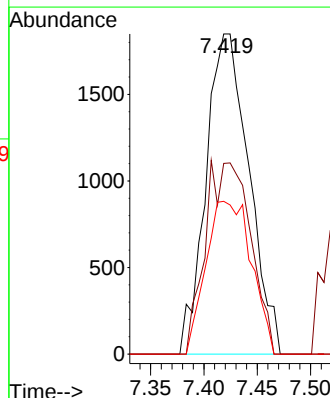
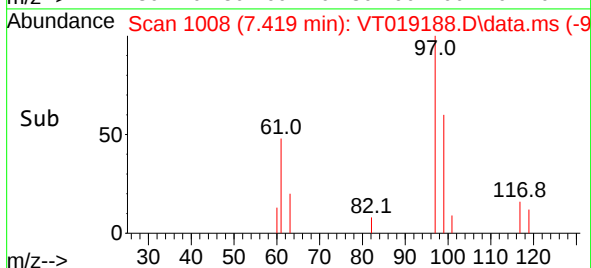
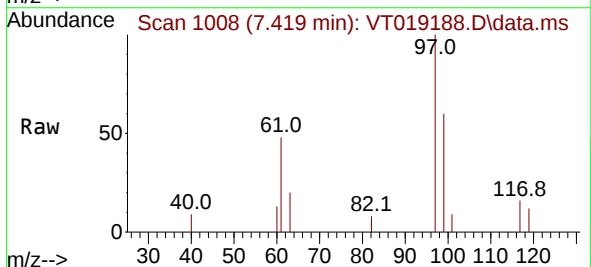


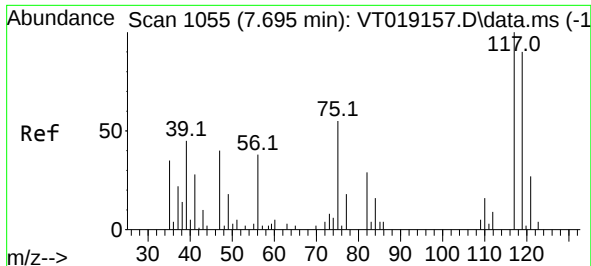
Tgt Ion: 77 Resp: 6609
Ion Ratio Lower Upper
77 100
97 2.0 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 2.358 ug/l
RT: 7.419 min Scan# 1008
Delta R.T. -0.058 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 97 Resp: 5187
Ion Ratio Lower Upper
97 100
99 41.3 30.0 45.0
61 34.5 36.1 54.1#

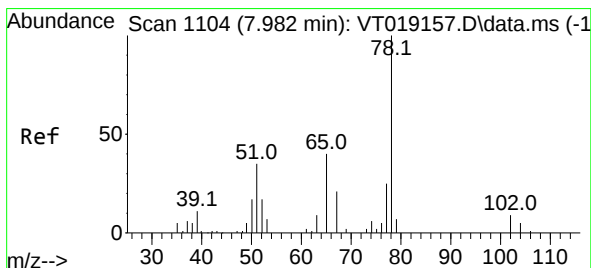
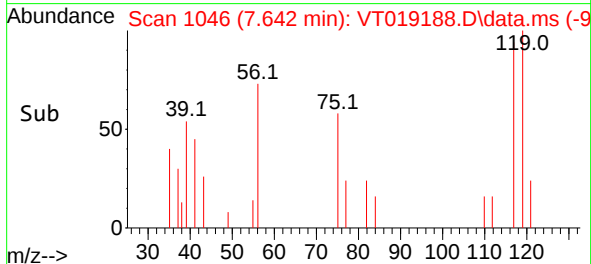
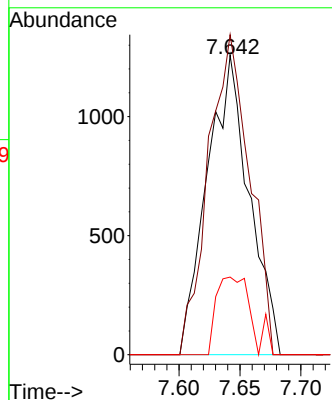
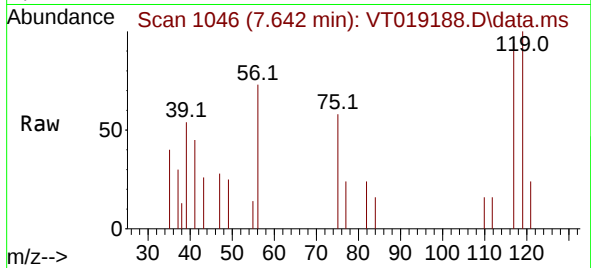




#33
Carbon Tetrachloride
Concen: 2.142 ug/l
RT: 7.642 min Scan# 1096
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

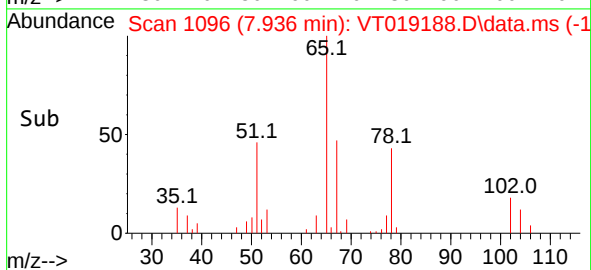
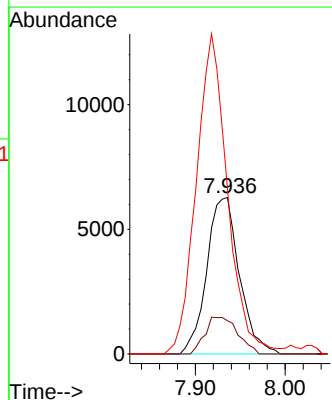
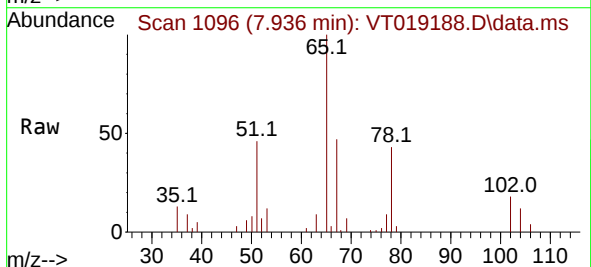
Instrument :
MSVOA_T
ClientSampleId :
MDL06

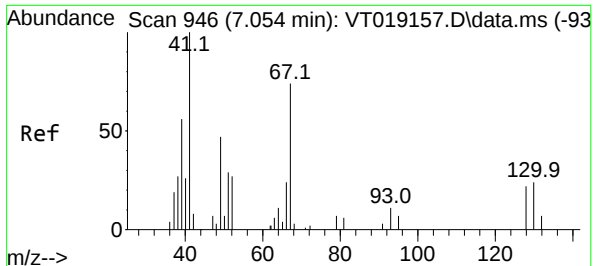
Tgt Ion:117 Resp: 3019
Ion Ratio Lower Upper
117 100
119 106.8 76.5 114.7
121 25.9 0.5 0.7#



#34
Benzene
Concen: 2.444 ug/l
RT: 7.936 min Scan# 1096
Delta R.T. -0.046 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 78 Resp: 15811
Ion Ratio Lower Upper
78 100
77 21.2 17.6 26.4
51 102.6 13.8 20.6#





#35

Methacrylonitrile

Concen: 2.359 ug/l

RT: 6.990 min Scan# 91

Delta R.T. -0.058 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

Tgt Ion: 41 Resp: 4322

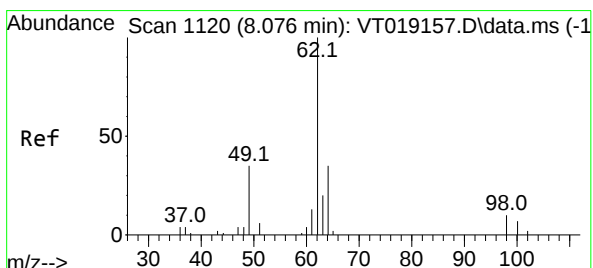
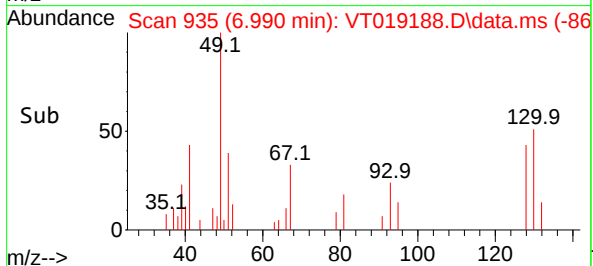
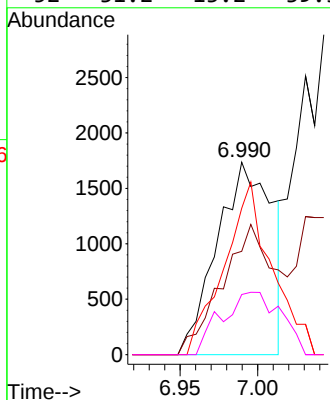
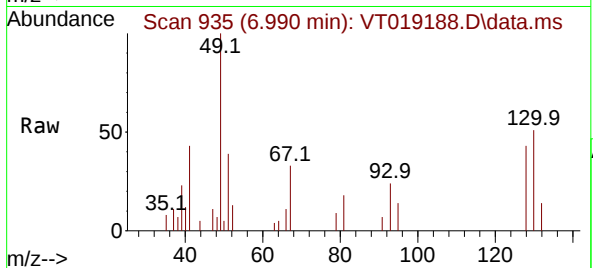
Ion Ratio Lower Upper

41 100

39 53.7 26.2 78.5

67 76.1 31.4 94.3

52 31.2 13.2 39.5



#36

1,2-Dichloroethane

Concen: 2.498 ug/l

RT: 8.012 min Scan# 1109

Delta R.T. -0.059 min

Lab File: VT019188.D

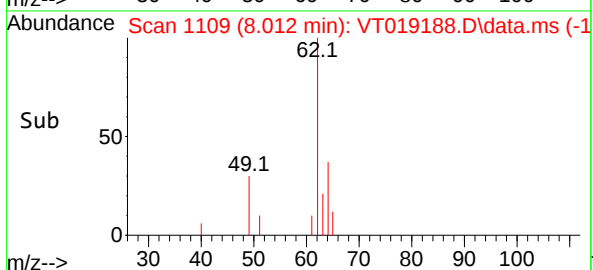
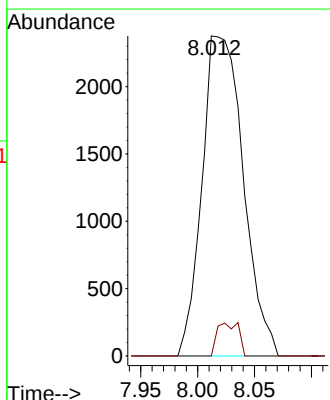
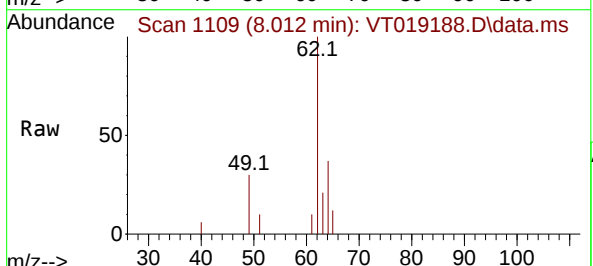
Acq: 27 Oct 2025 10:08

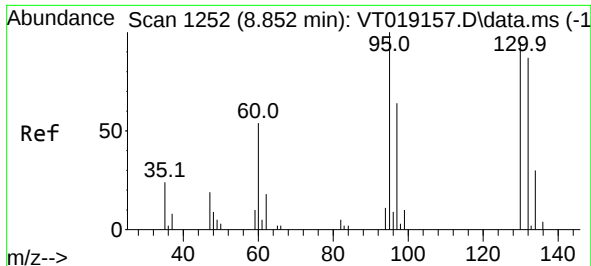
Tgt Ion: 62 Resp: 5991

Ion Ratio Lower Upper

62 100

98 3.9 6.7 10.1#

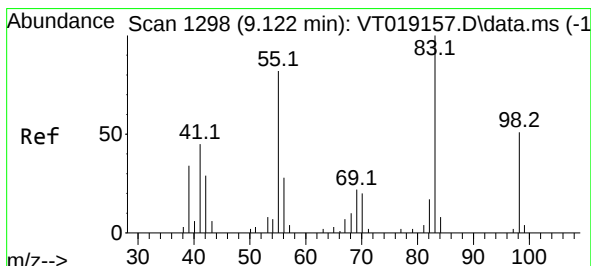
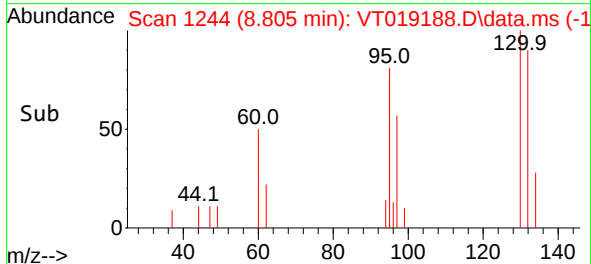
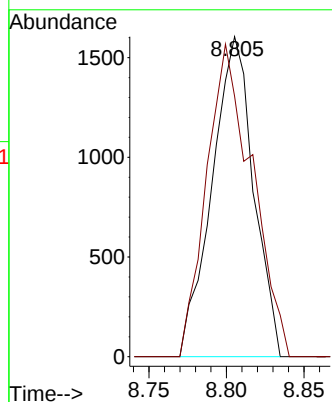
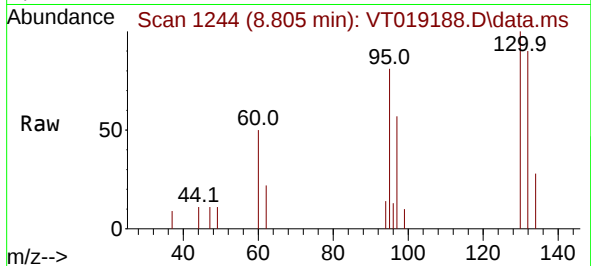




#37
Trichloroethene
Concen: 2.512 ug/l
RT: 8.805 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

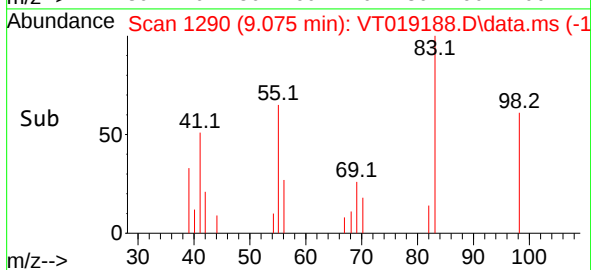
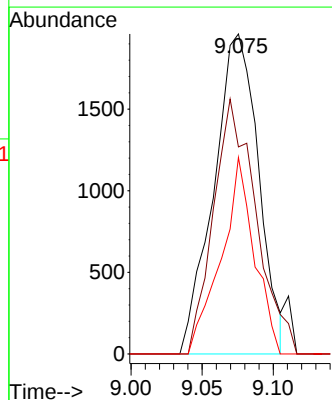
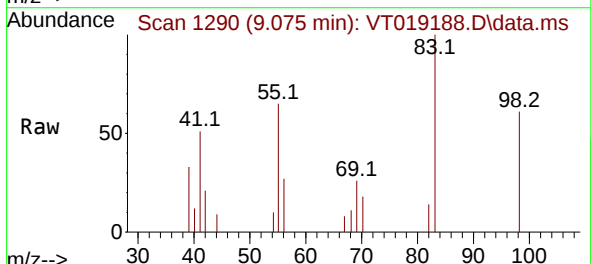
Instrument :
MSVOA_T
ClientSampleId :
MDL06

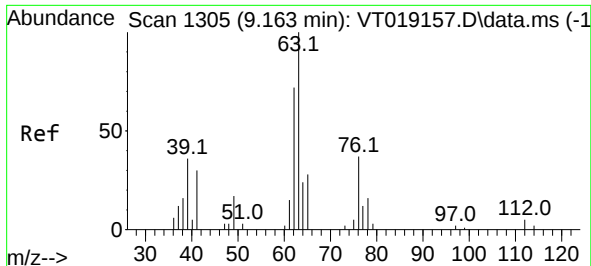
Tgt Ion:130 Resp: 2989
Ion Ratio Lower Upper
130 100
95 81.4 79.4 119.2



#38
Methylcyclohexane
Concen: 2.447 ug/l
RT: 9.075 min Scan# 1290
Delta R.T. -0.046 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 83 Resp: 4303
Ion Ratio Lower Upper
83 100
55 75.5 40.3 120.8
98 45.4 24.3 72.9





#39

1,2-Dichloropropane

Concen: 2.394 ug/l

RT: 9.117 min Scan# 11

Delta R.T. -0.046 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

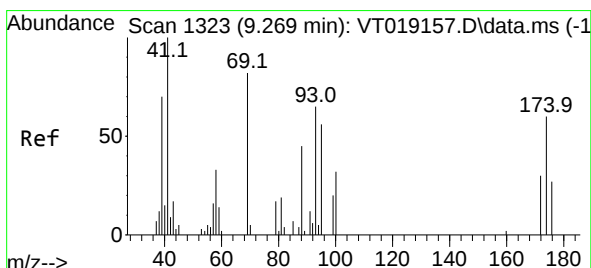
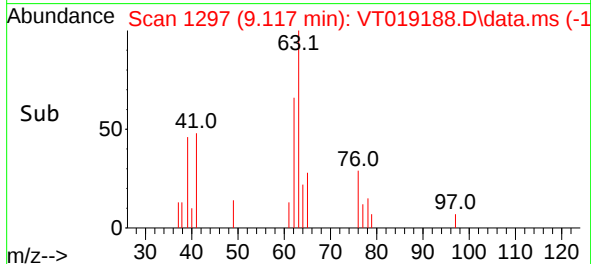
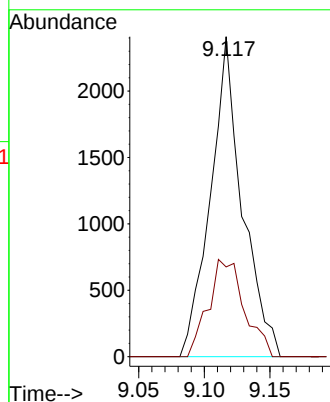
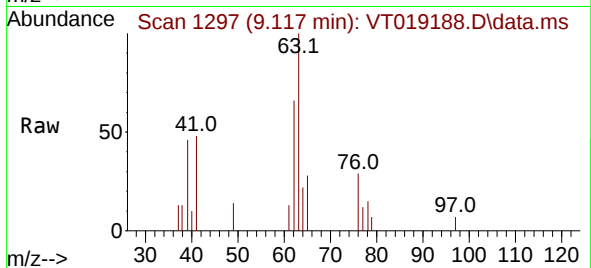
MDL06

Tgt Ion: 63 Resp: 4056

Ion Ratio Lower Upper

63 100

65 28.1 19.8 29.6



#40

Dibromomethane

Concen: 2.348 ug/l

RT: 9.216 min Scan# 1314

Delta R.T. -0.053 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

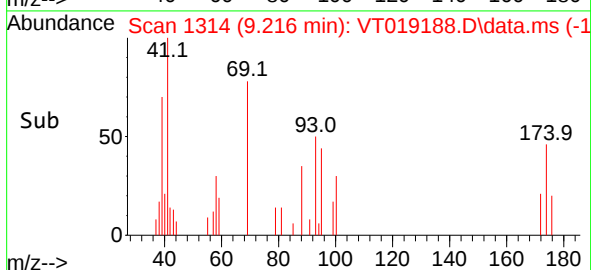
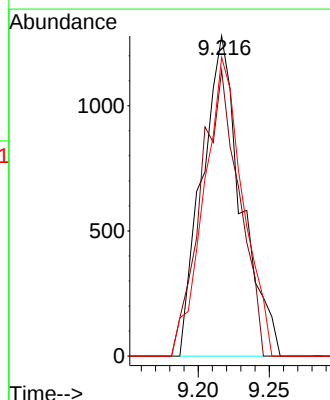
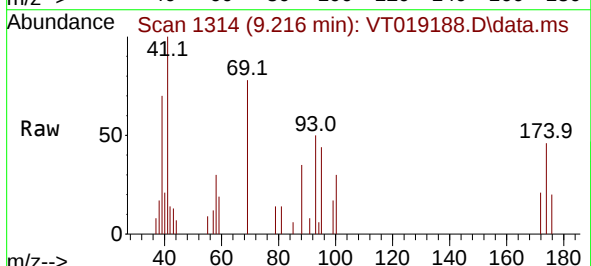
Tgt Ion: 93 Resp: 2453

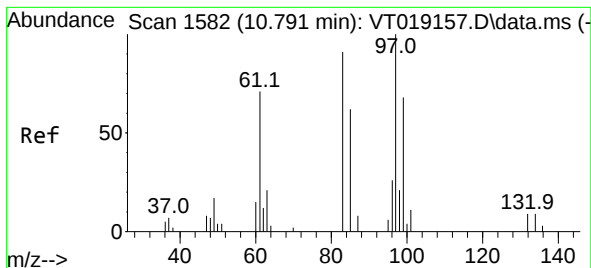
Ion Ratio Lower Upper

93 100

95 87.9 0.0 166.2

174 92.9 0.0 26.4#





#41

Bromodichloromethane

Concen: 2.398 ug/l

RT: 10.738 min Scan# 1

Delta R.T. -0.053 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

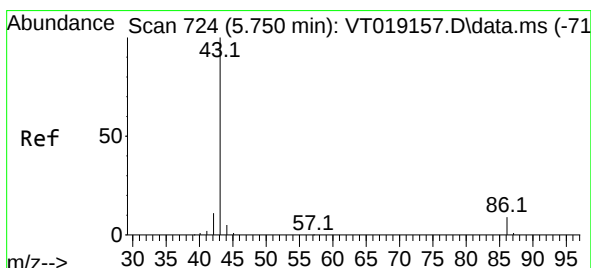
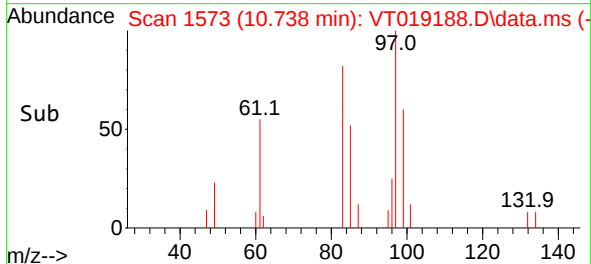
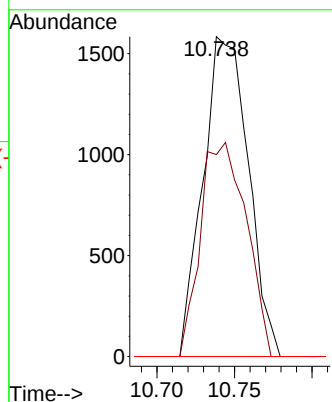
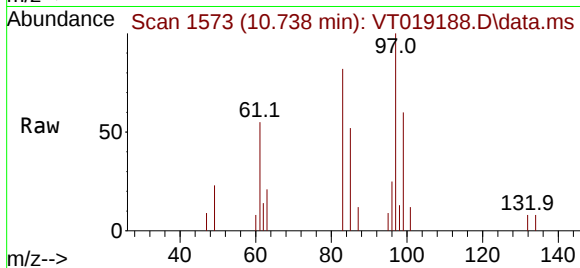
Tgt Ion: 83 Resp: 3217

Ion Ratio Lower Upper

83 100

85 63.1 47.2 70.8

127 0.0 7.1 10.7#



#42

Vinyl Acetate

Concen: 10.898 ug/l

RT: 5.685 min Scan# 713

Delta R.T. -0.065 min

Lab File: VT019188.D

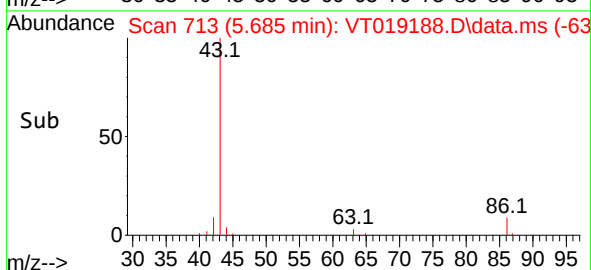
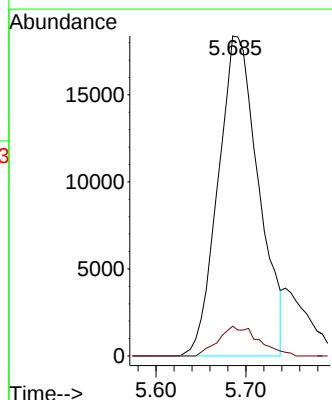
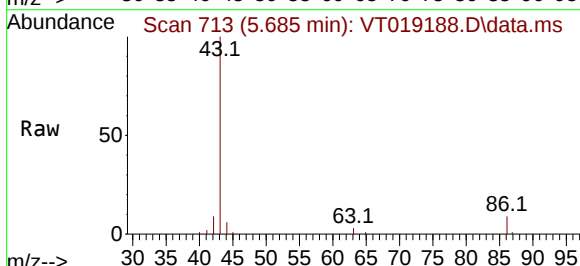
Acq: 27 Oct 2025 10:08

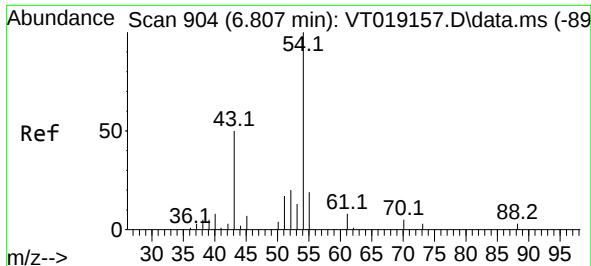
Tgt Ion: 43 Resp: 57541

Ion Ratio Lower Upper

43 100

86 4.8 6.9 10.3#





#43

Ethyl Acetate

Concen: 0.051 ug/l

RT: 6.813 min Scan# 904

Delta R.T. 0.012 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

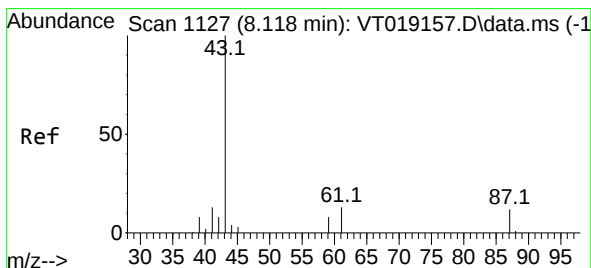
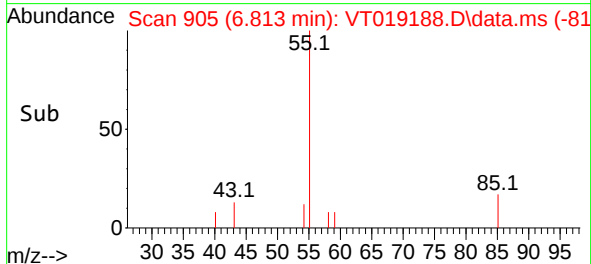
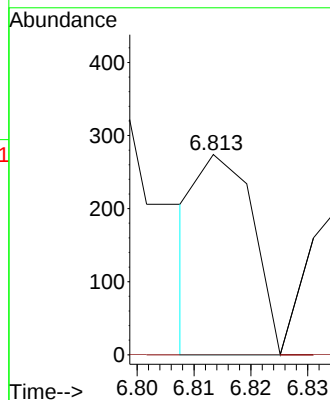
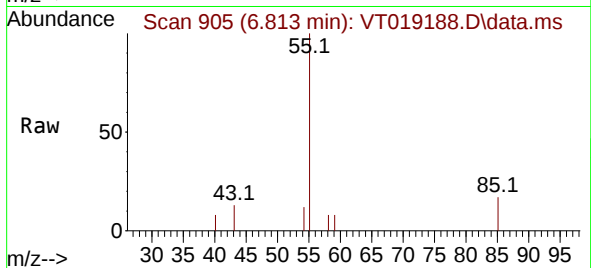
MDL06

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

45 0.0 10.6 16.0#



#44

Isopropyl Acetate

Concen: 2.426 ug/l

RT: 8.071 min Scan# 1119

Delta R.T. -0.052 min

Lab File: VT019188.D

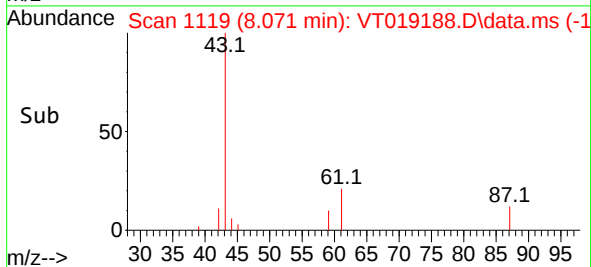
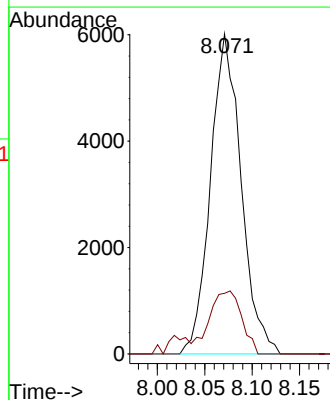
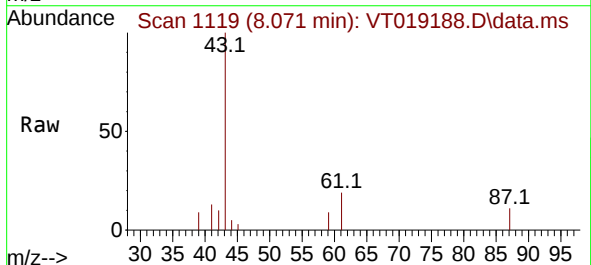
Acq: 27 Oct 2025 10:08

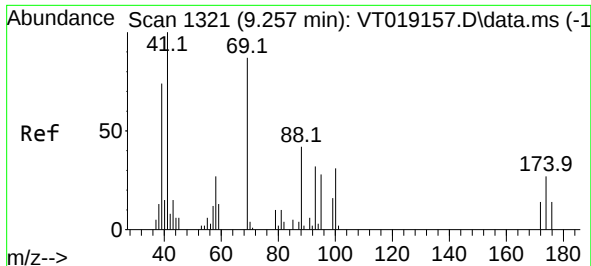
Tgt Ion: 43 Resp: 13509

Ion Ratio Lower Upper

43 100

61 20.7 14.7 22.1





#45

1,4-Dioxane

Concen: 44.925 ug/l

RT: 9.211 min Scan# 1313

Delta R.T. -0.058 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

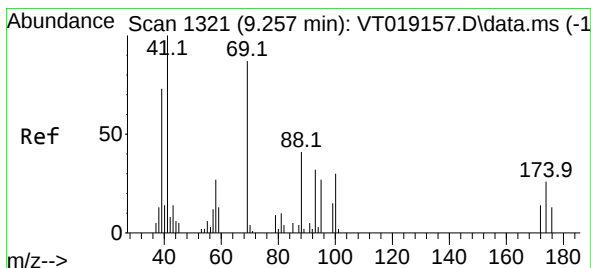
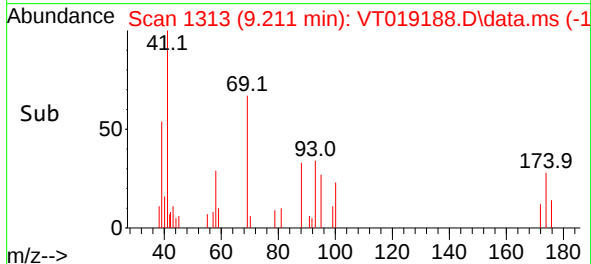
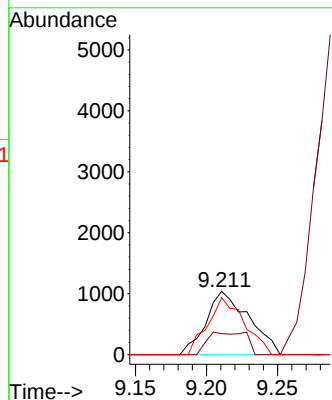
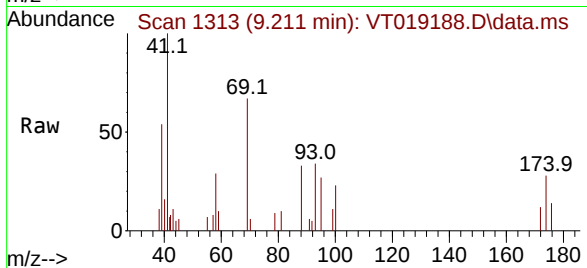
Tgt Ion: 88 Resp: 2170

Ion Ratio Lower Upper

88 100

43 20.3 30.2 45.2#

58 77.1 33.3 49.9#



#46

Methyl methacrylate

Concen: 2.381 ug/l

RT: 9.211 min Scan# 1313

Delta R.T. -0.046 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

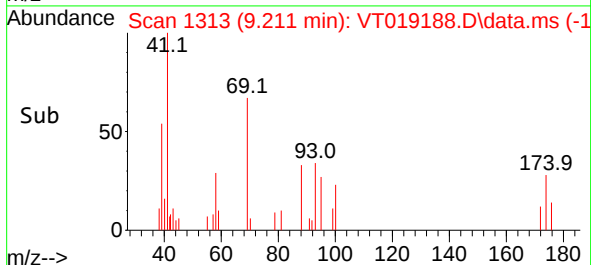
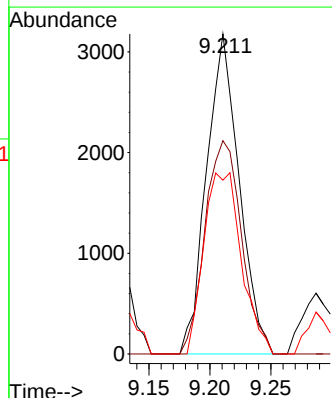
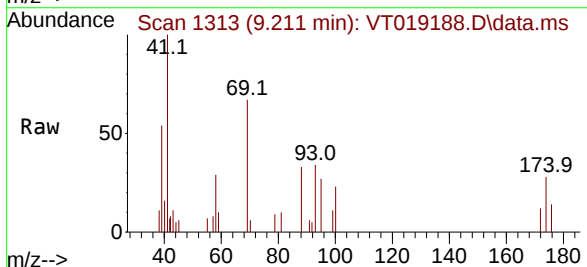
Tgt Ion: 41 Resp: 5927

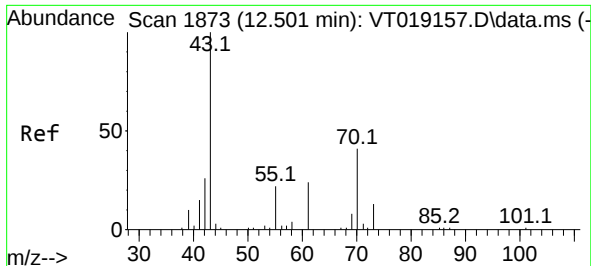
Ion Ratio Lower Upper

41 100

69 66.6 35.8 107.3

39 54.3 24.4 73.4

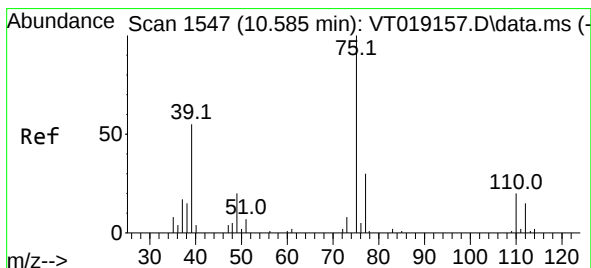
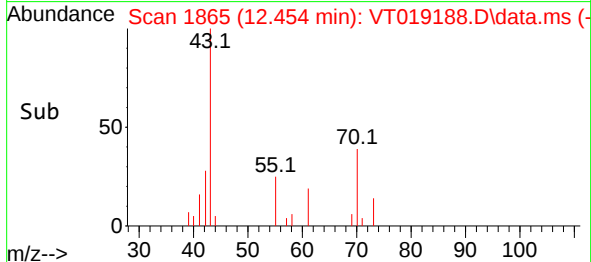
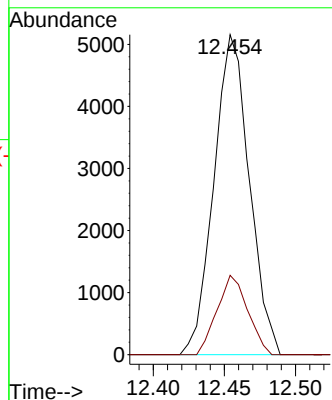
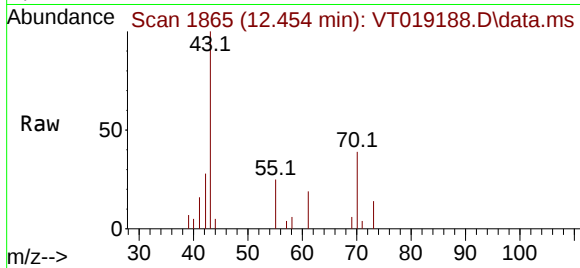




#47
n-amy1 Acetate
Concen: 2.383 ug/l
RT: 12.454 min Scan# 1865
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

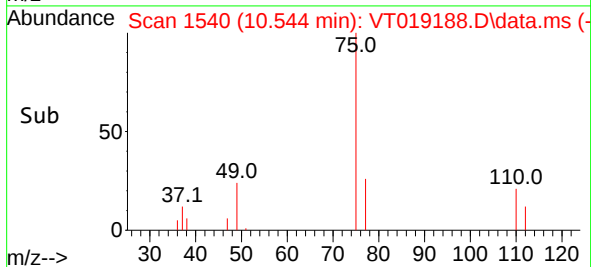
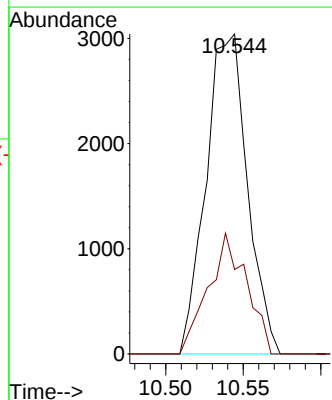
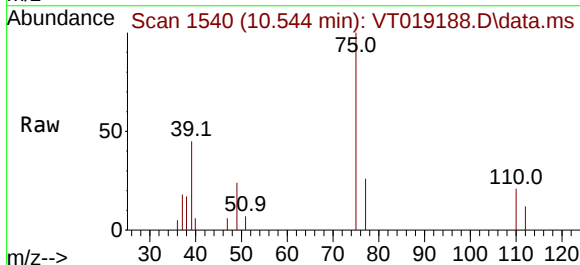
Instrument :
MSVOA_T
ClientSampleId :
MDL06

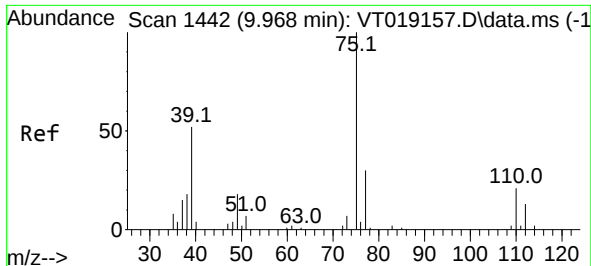
Tgt Ion: 43 Resp: 8930
Ion Ratio Lower Upper
43 100
55 21.5 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 2.314 ug/l
RT: 10.544 min Scan# 1540
Delta R.T. -0.041 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 75 Resp: 5633
Ion Ratio Lower Upper
75 100
77 26.4 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 2.387 ug/l

RT: 9.927 min Scan# 1442

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

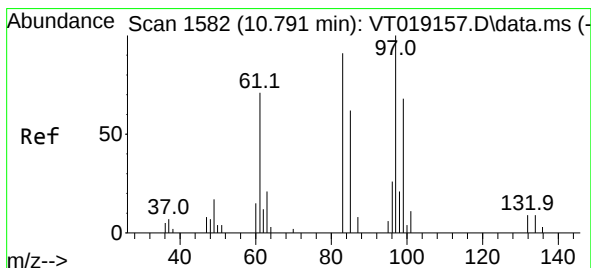
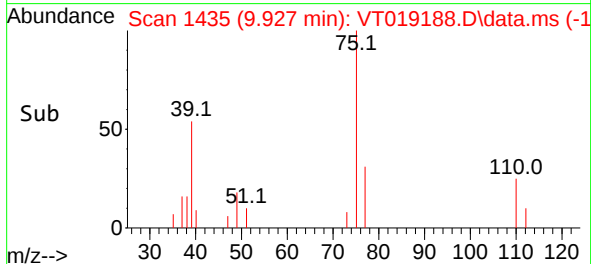
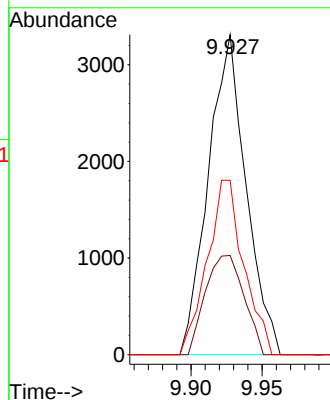
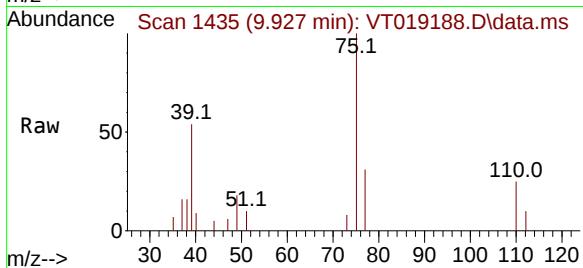
Tgt Ion: 75 Resp: 6106

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 54.5 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 2.508 ug/l

RT: 10.738 min Scan# 1573

Delta R.T. -0.053 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Tgt Ion: 97 Resp: 3853

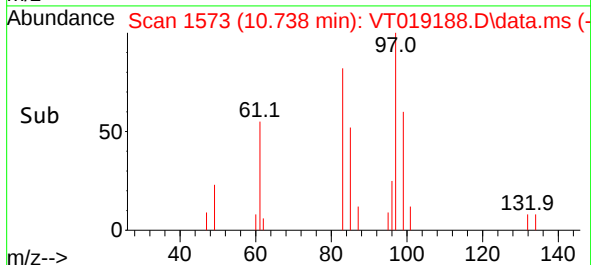
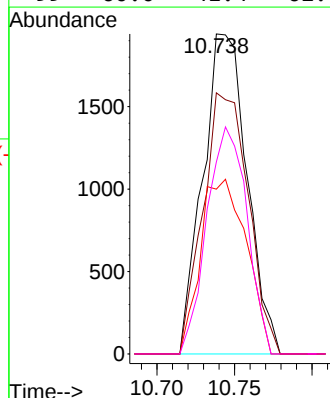
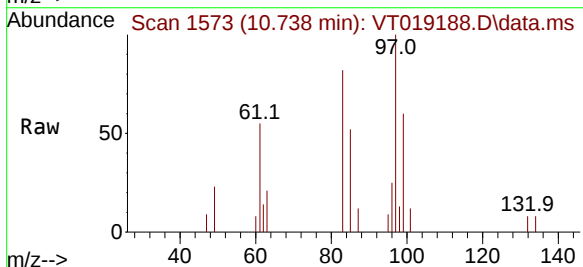
Ion Ratio Lower Upper

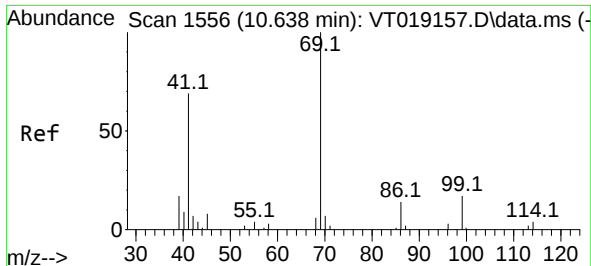
97 100

83 81.6 58.3 87.5

85 51.5 36.5 54.7

99 60.0 41.4 62.0

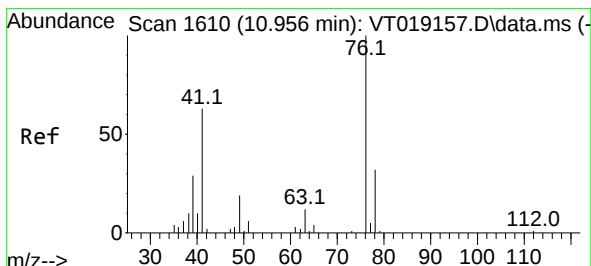
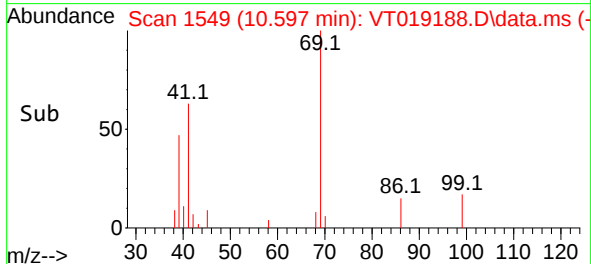
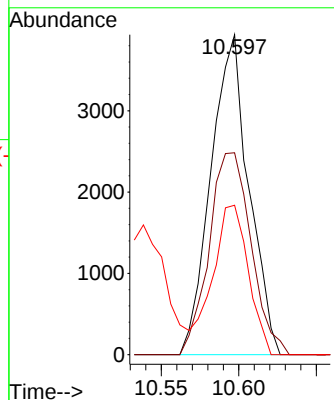
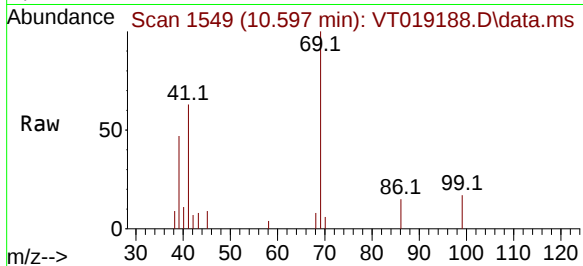




#51
Ethyl methacrylate
Concen: 2.325 ug/l
RT: 10.597 min Scan# 11
Delta R.T. -0.041 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

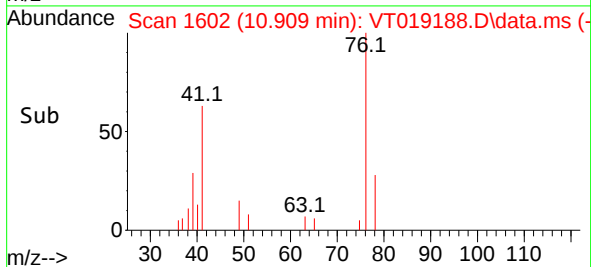
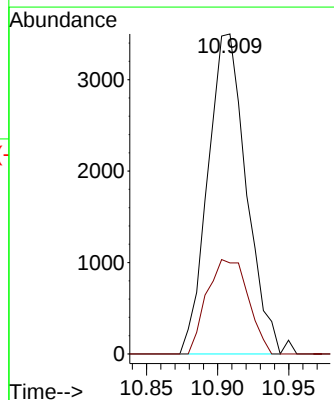
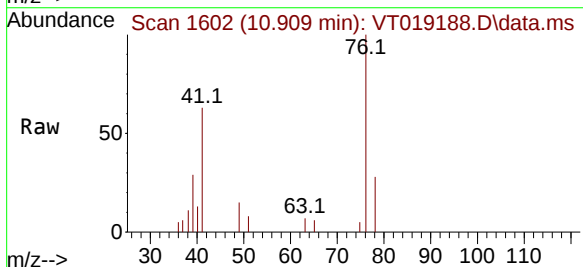
Instrument :
MSVOA_T
ClientSampleId :
MDL06

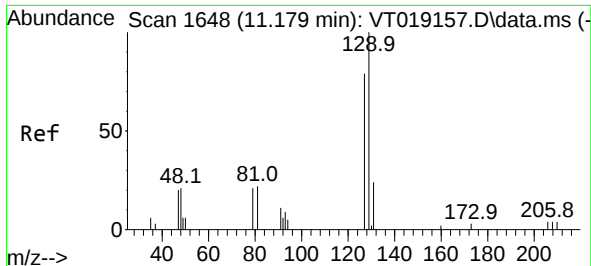
Tgt Ion: 69 Resp: 6693
Ion Ratio Lower Upper
69 100
41 63.1 35.0 105.1
39 46.7 19.5 58.5



#52
1,3-Dichloropropane
Concen: 2.397 ug/l
RT: 10.909 min Scan# 1602
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 76 Resp: 6578
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.6

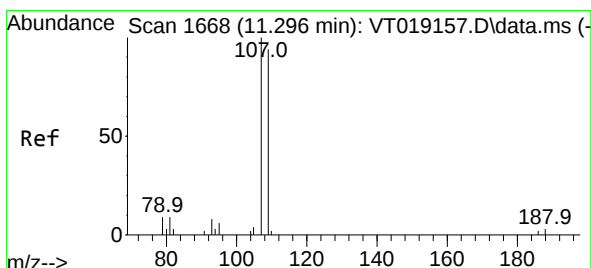
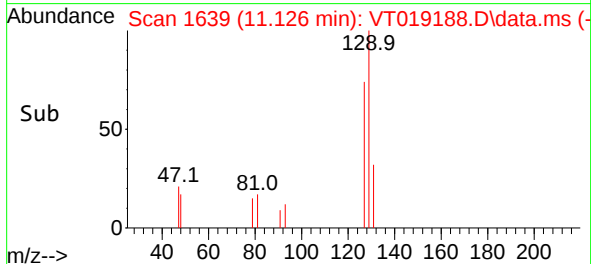
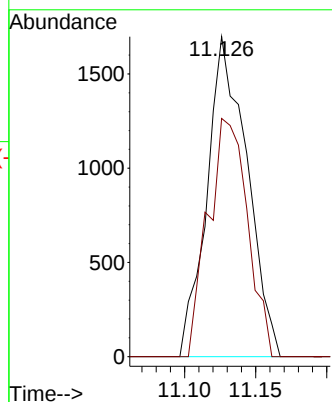
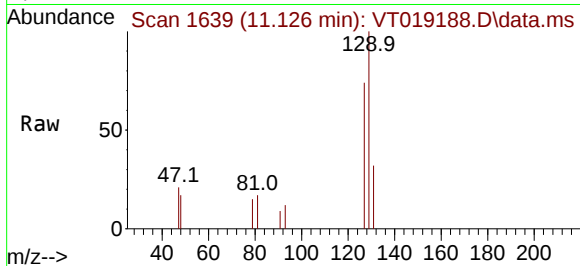




#53
Dibromochloromethane
Concen: 2.317 ug/l
RT: 11.126 min Scan# 1639
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

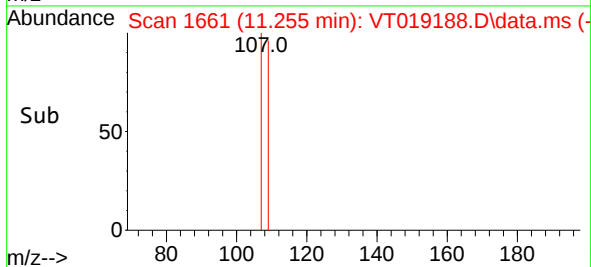
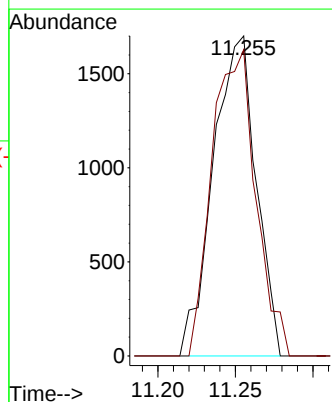
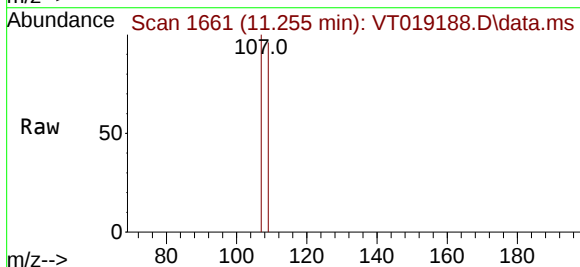
Instrument :
MSVOA_T
ClientSampleId :
MDL06

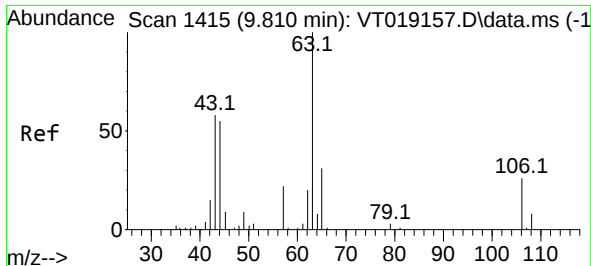
Tgt Ion:129 Resp: 3321
Ion Ratio Lower Upper
129 100
127 73.3 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 2.290 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.041 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:107 Resp: 3273
Ion Ratio Lower Upper
107 100
109 97.7 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 12.885 ug/l

RT: 9.769 min Scan# 1415

Delta R.T. -0.041 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

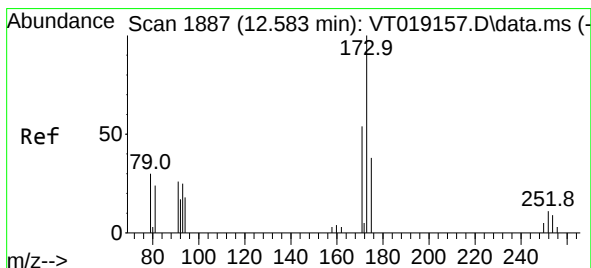
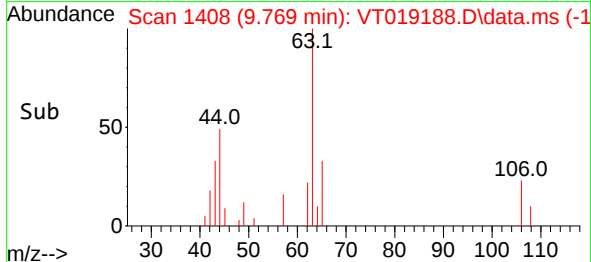
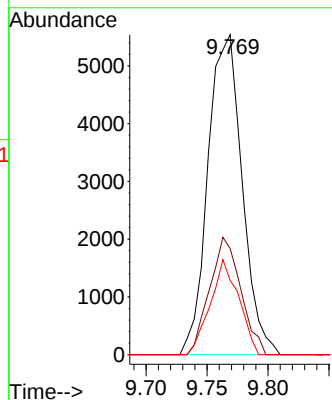
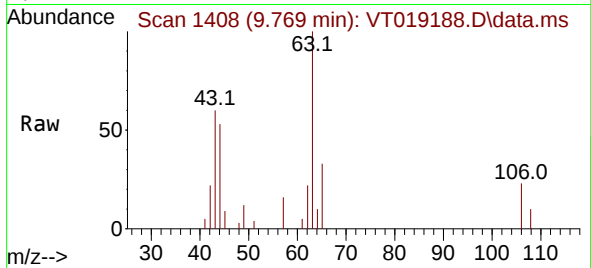
Tgt Ion: 63 Resp: 10820

Ion Ratio Lower Upper

63 100

65 33.5 25.8 38.6

106 24.7 22.1 33.1



#56

Bromoform

Concen: 2.301 ug/l

RT: 12.530 min Scan# 1878

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

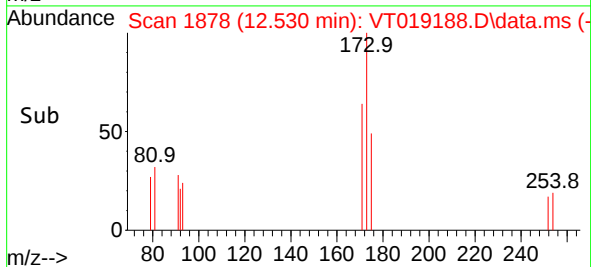
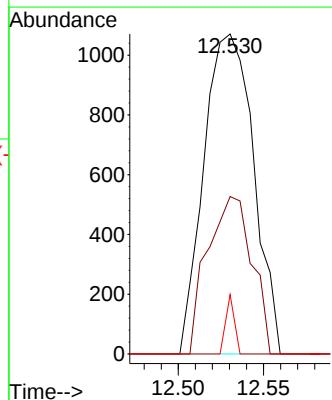
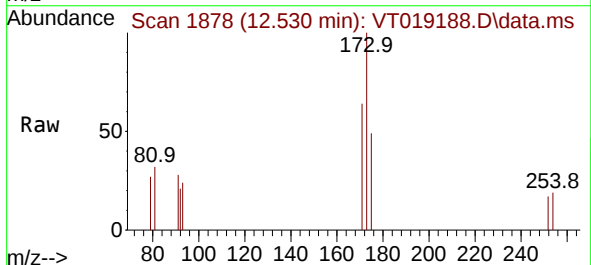
Tgt Ion: 173 Resp: 2168

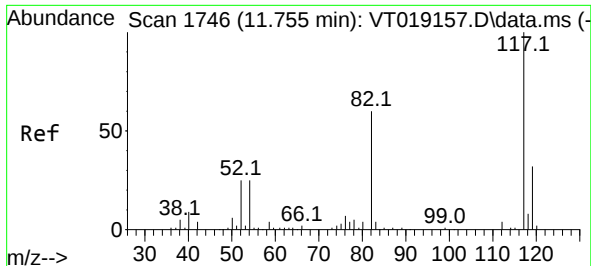
Ion Ratio Lower Upper

173 100

175 44.1 2.6 3.8#

254 0.0 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.708 min Scan# 1

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

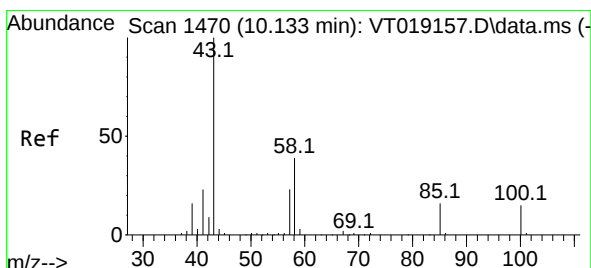
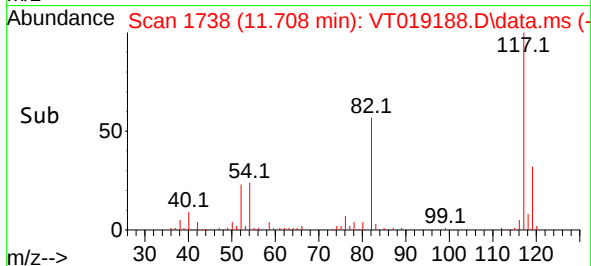
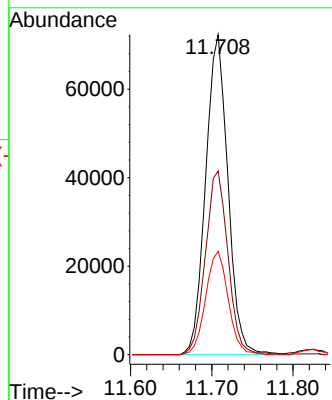
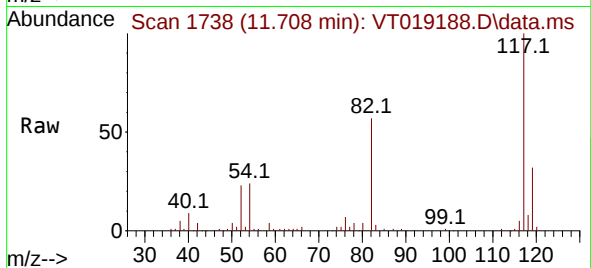
Tgt Ion:117 Resp: 137773

Ion Ratio Lower Upper

117 100

82 57.9 46.0 69.0

119 32.6 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 11.427 ug/l

RT: 10.086 min Scan# 1462

Delta R.T. -0.053 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

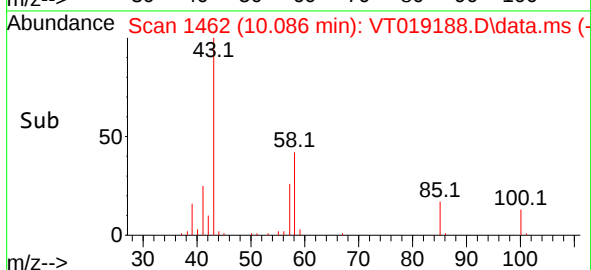
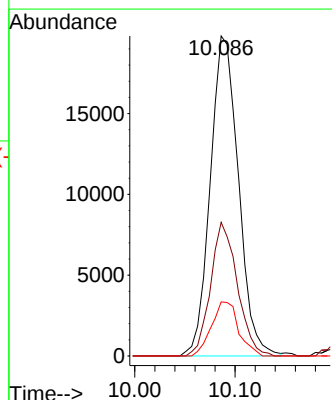
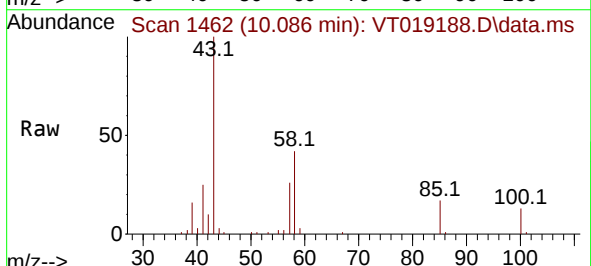
Tgt Ion: 43 Resp: 38556

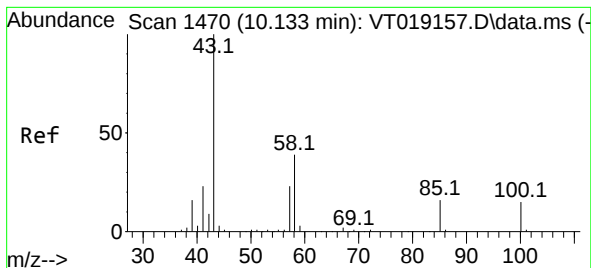
Ion Ratio Lower Upper

43 100

58 39.6 30.6 45.8

85 16.3 13.4 20.2

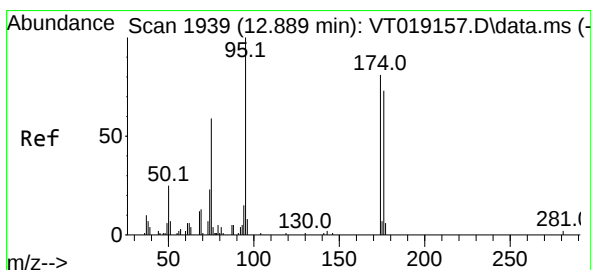
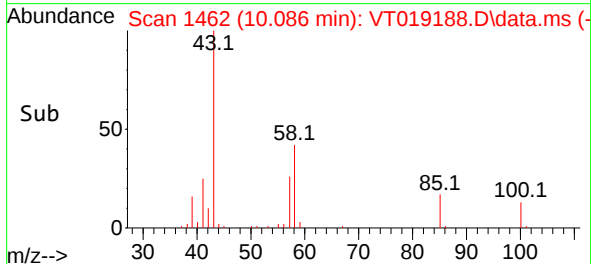
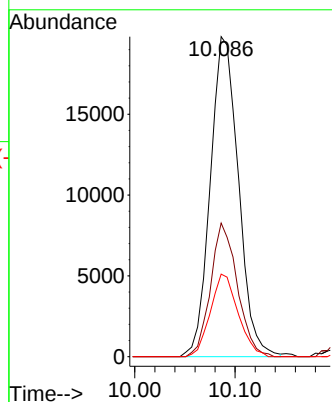
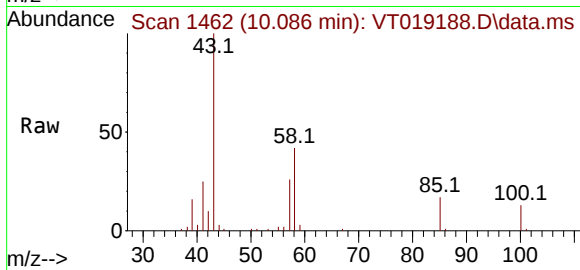




#59
2-Hexanone
Concen: 11.427 ug/l
RT: 10.086 min Scan# 1470
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

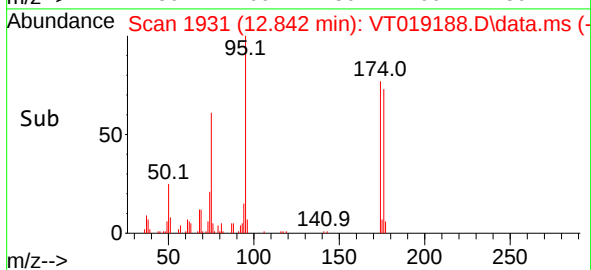
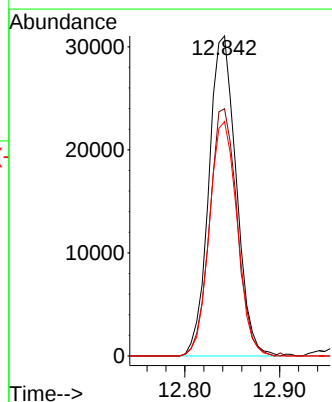
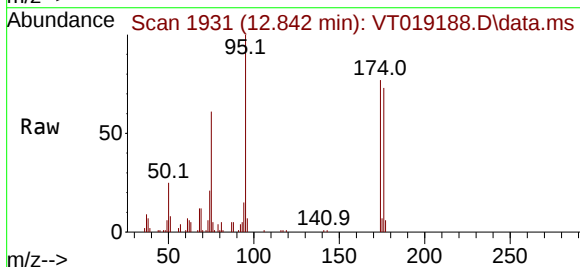
Instrument :
MSVOA_T
ClientSampleId :
MDL06

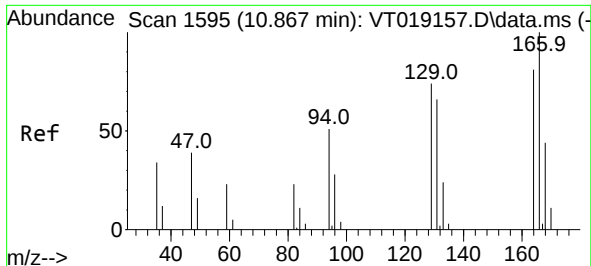
Tgt Ion: 43 Resp: 38556
Ion Ratio Lower Upper
43 100
58 39.6 42.0 63.0#
57 25.5 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 28.726 ug/l
RT: 12.842 min Scan# 1931
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 95 Resp: 62200
Ion Ratio Lower Upper
95 100
174 77.5 57.5 86.3
176 74.5 56.4 84.6

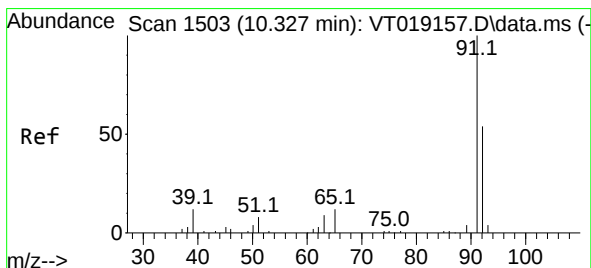
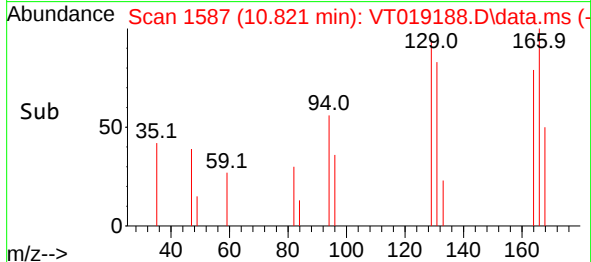
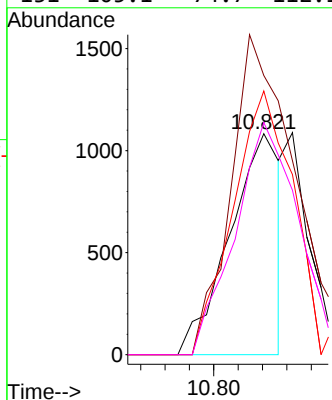
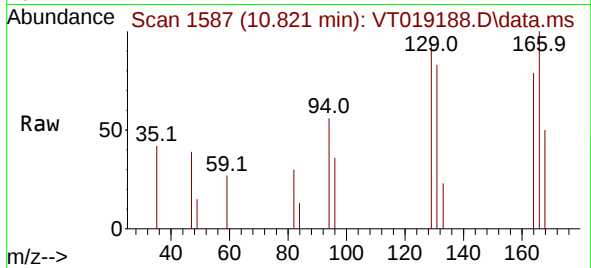




#61
Tetrachloroethene
Concen: 1.798 ug/l
RT: 10.821 min Scan# 1495
Delta R.T. -0.046 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

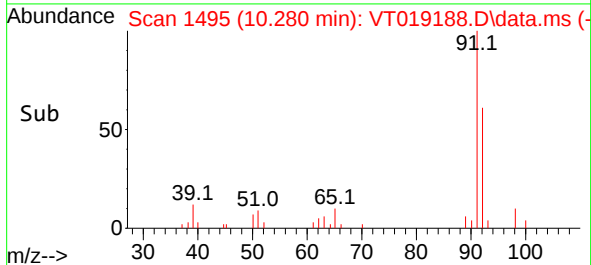
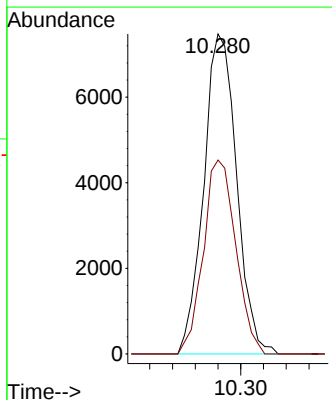
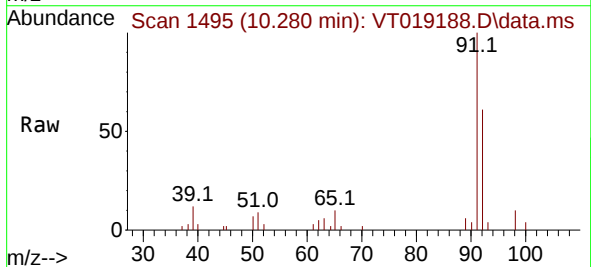
Instrument :
MSVOA_T
ClientSampleId :
MDL06

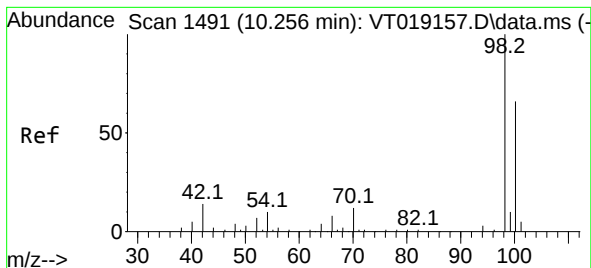
Tgt Ion:164 Resp: 1566
Ion Ratio Lower Upper
164 100
166 126.3 101.0 151.4
129 119.3 78.6 117.8#
131 105.1 74.7 112.1



#62
Toluene
Concen: 2.435 ug/l
RT: 10.280 min Scan# 1495
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 91 Resp: 15028
Ion Ratio Lower Upper
91 100
92 59.8 46.6 69.8





#63

Toluene-d8

Concen: 29.423 ug/l

RT: 10.209 min Scan# 1491

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

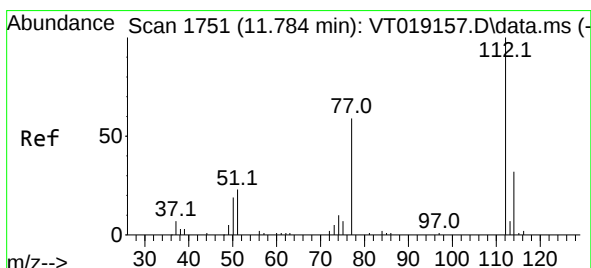
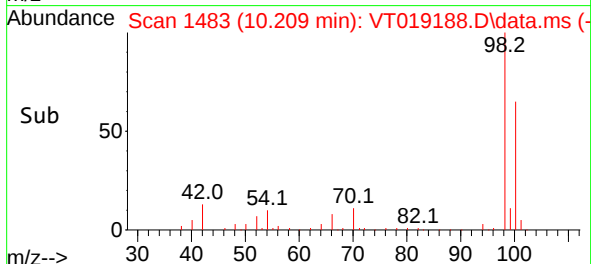
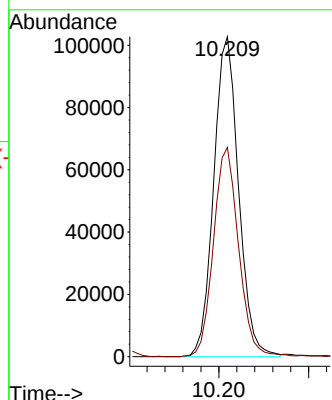
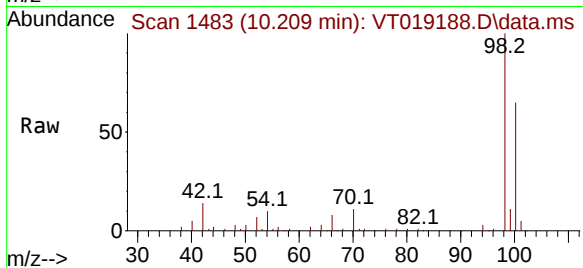
MDL06

Tgt Ion: 98 Resp: 197307

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#64

Chlorobenzene

Concen: 2.488 ug/l

RT: 11.737 min Scan# 1743

Delta R.T. -0.047 min

Lab File: VT019188.D

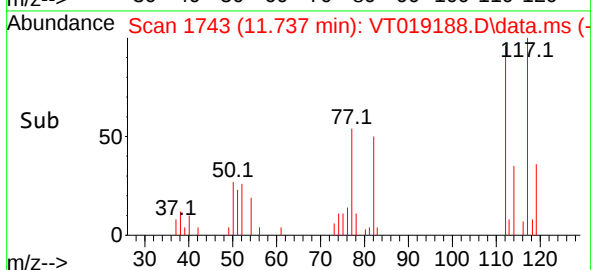
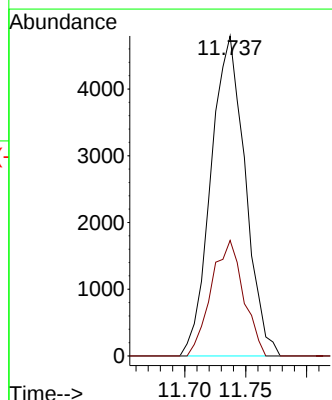
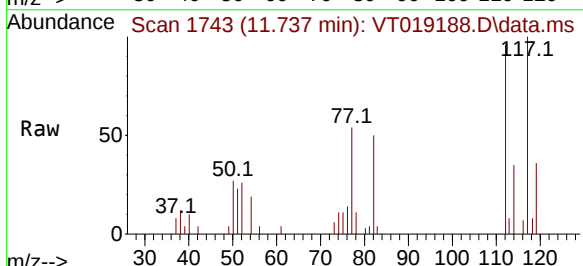
Acq: 27 Oct 2025 10:08

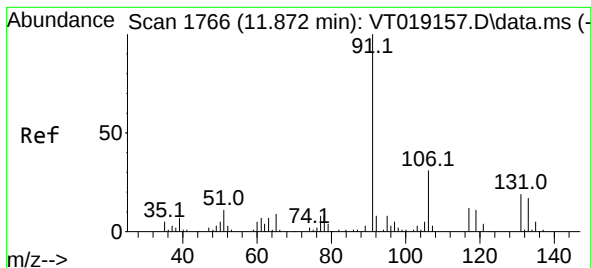
Tgt Ion: 112 Resp: 9377

Ion Ratio Lower Upper

112 100

114 36.1 23.6 35.4#





#65

1,1,1,2-Tetrachloroethane

Concen: 2.564 ug/l

RT: 11.819 min Scan# 1757

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

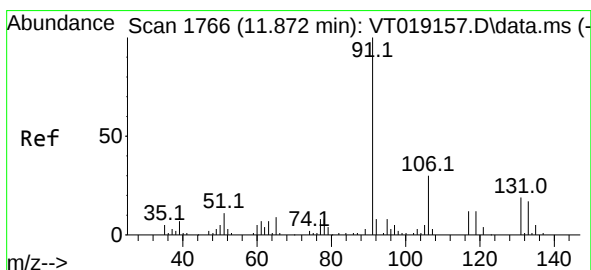
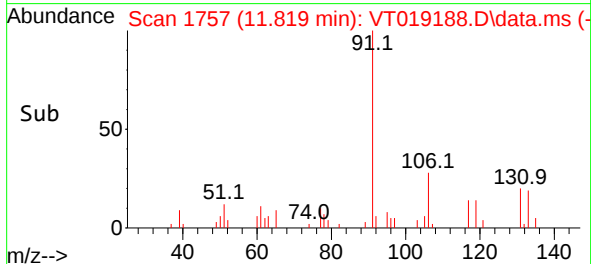
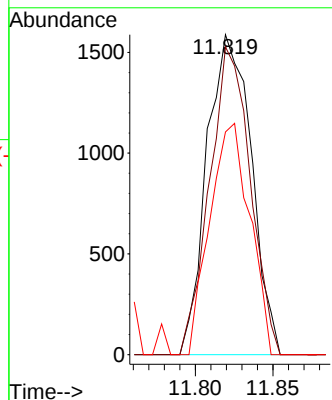
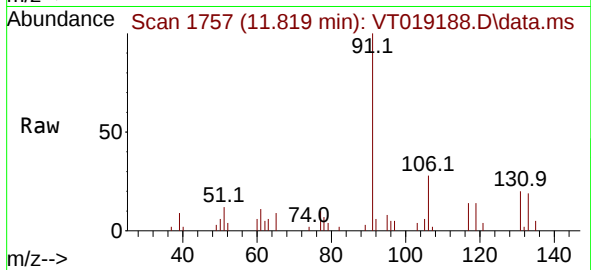
Tgt Ion:131 Resp: 3148

Ion Ratio Lower Upper

131 100

133 88.6 0.0 188.2

119 65.5 0.0 101.8



#66

Ethyl Benzene

Concen: 2.419 ug/l

RT: 11.825 min Scan# 1758

Delta R.T. -0.047 min

Lab File: VT019188.D

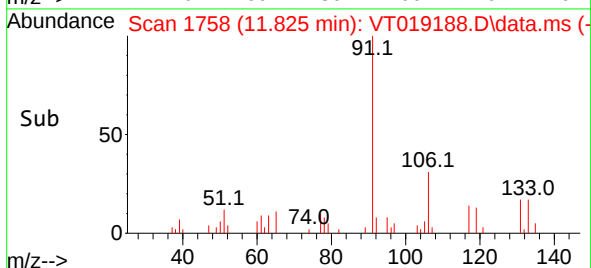
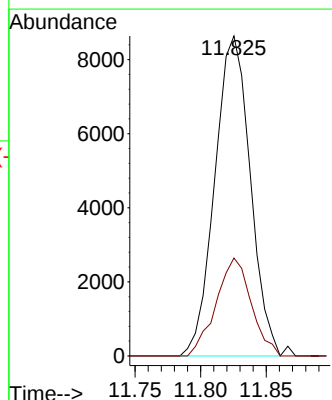
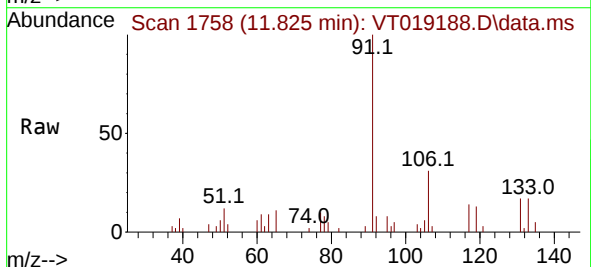
Acq: 27 Oct 2025 10:08

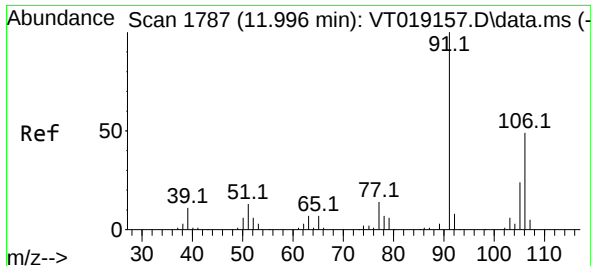
Tgt Ion: 91 Resp: 16226

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7

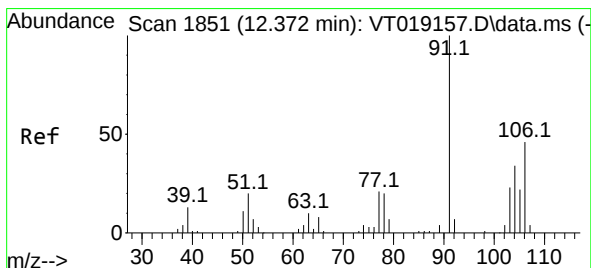
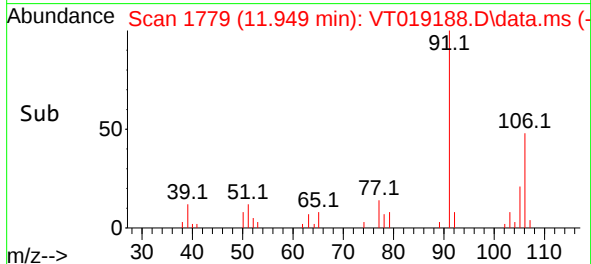
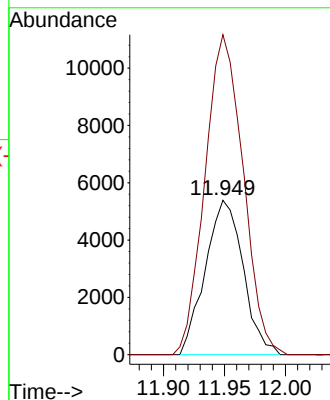
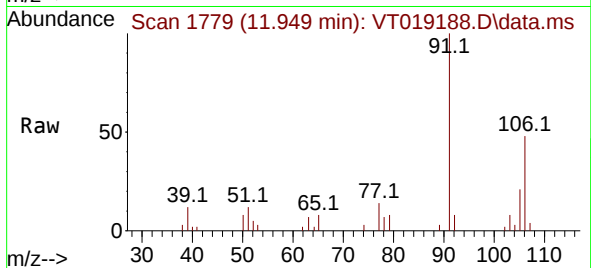




#67
m/p-Xylenes
Concen: 4.670 ug/l
RT: 11.949 min Scan# 11
Delta R.T. -0.046 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

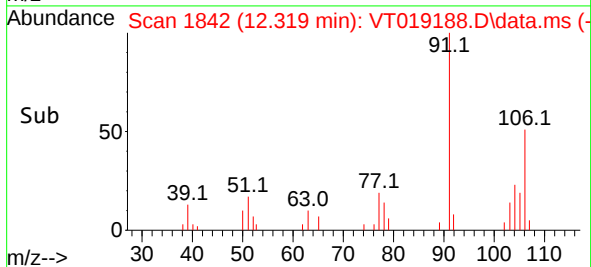
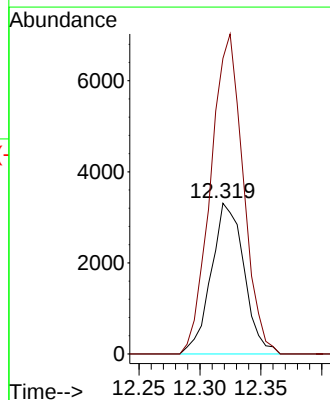
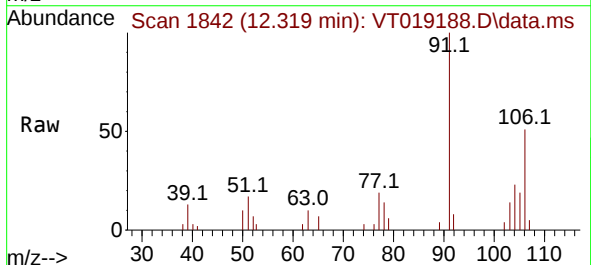
Instrument :
MSVOA_T
ClientSampleId :
MDL06

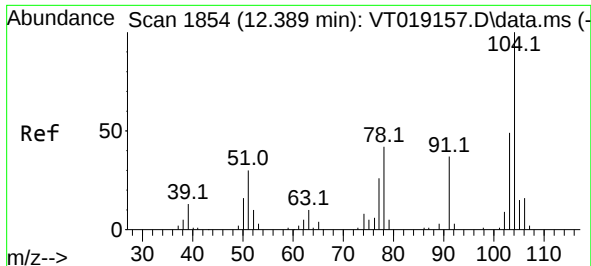
Tgt Ion:106 Resp: 11642
Ion Ratio Lower Upper
106 100
91 208.7 164.4 246.6



#68
o-Xylene
Concen: 2.412 ug/l
RT: 12.319 min Scan# 1842
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:106 Resp: 6208
Ion Ratio Lower Upper
106 100
91 210.4 111.3 333.8

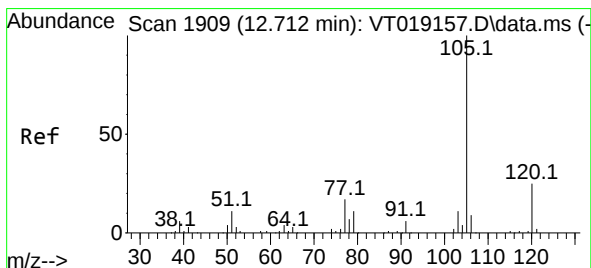
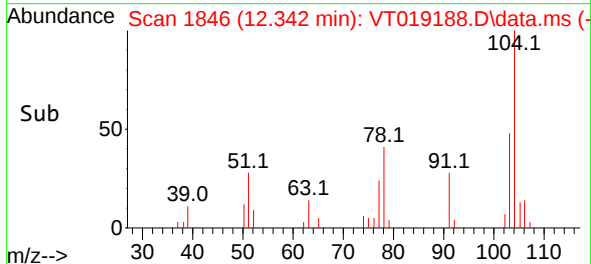
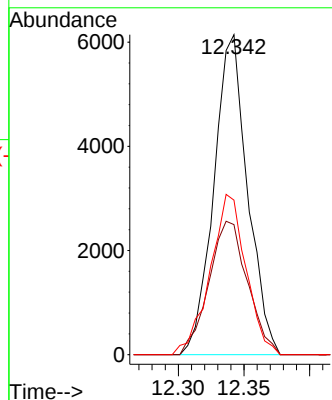
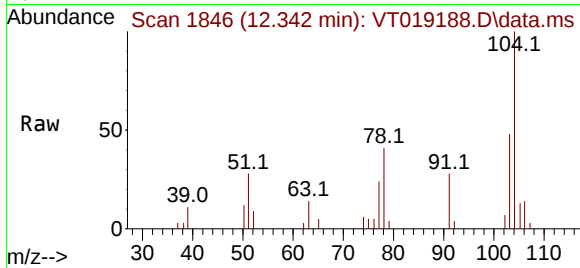




#69
Styrene
Concen: 2.377 ug/l
RT: 12.342 min Scan# 11
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

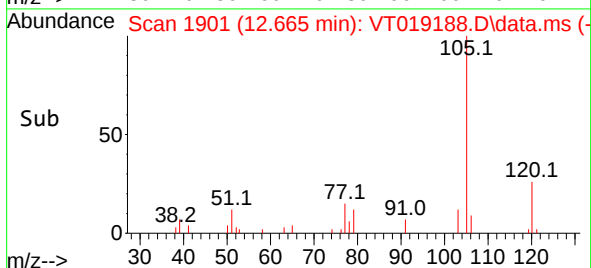
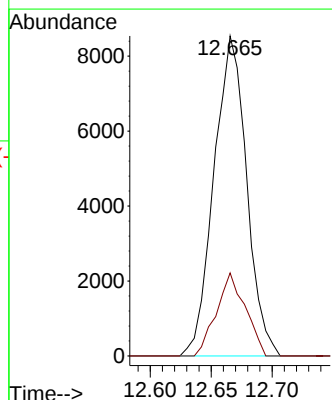
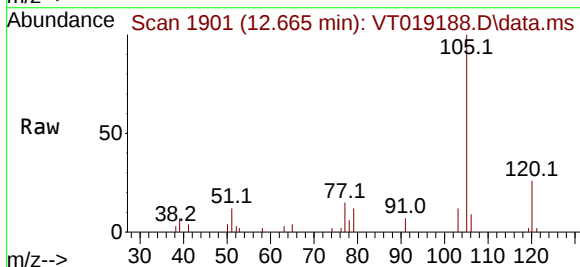
Instrument :
MSVOA_T
ClientSampleId :
MDL06

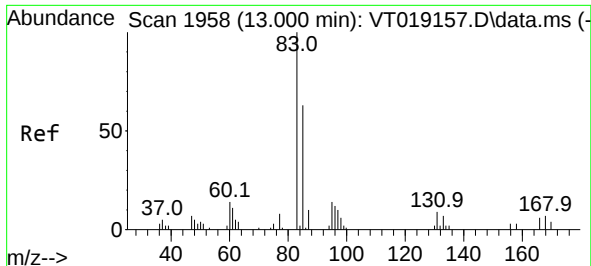
Tgt Ion:104 Resp: 10981
Ion Ratio Lower Upper
104 100
78 47.7 42.6 63.8
103 53.2 43.5 65.3



#70
Isopropylbenzene
Concen: 2.527 ug/l
RT: 12.665 min Scan# 1901
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:105 Resp: 15953
Ion Ratio Lower Upper
105 100
120 22.9 17.8 33.0





#71

1,1,2,2-Tetrachloroethane

Concen: 2.390 ug/l

RT: 12.953 min Scan# 1950

Delta R.T. -0.047 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

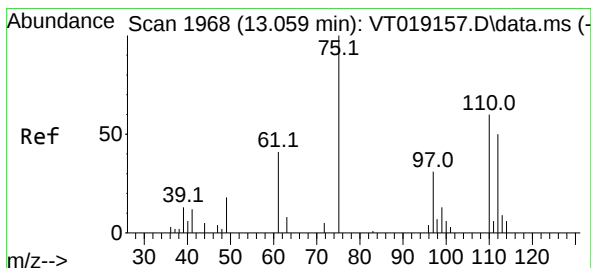
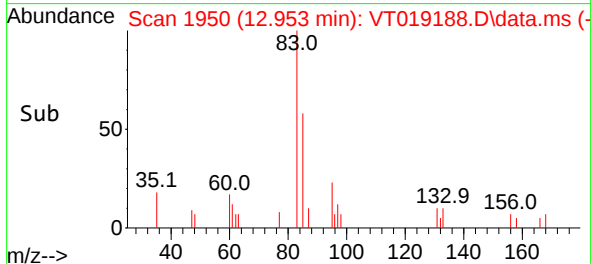
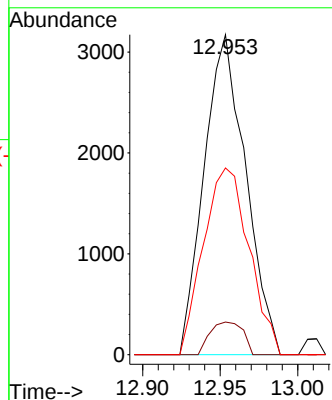
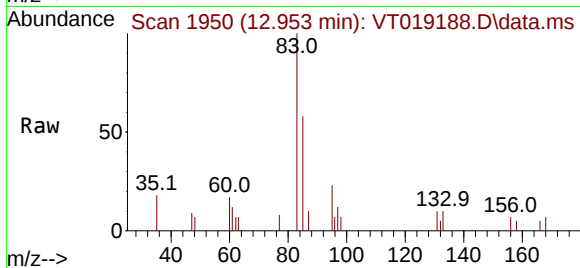
Tgt Ion: 83 Resp: 5920

Ion Ratio Lower Upper

83 100

131 8.1 6.0 18.0

85 64.0 32.3 96.9



#72

1,2,3-Trichloropropane

Concen: 0.090 ug/l

RT: 13.047 min Scan# 1966

Delta R.T. -0.012 min

Lab File: VT019188.D

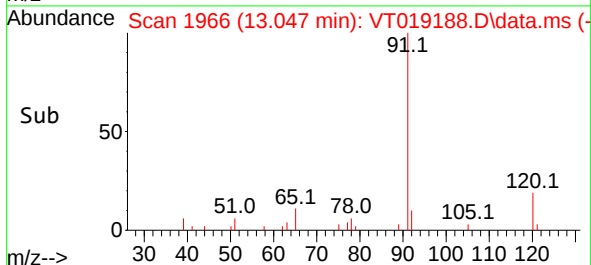
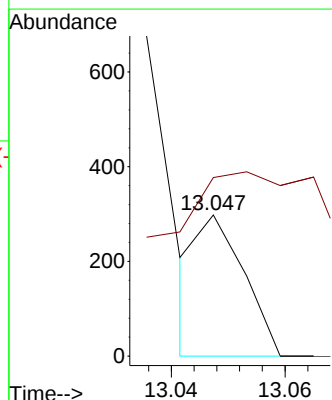
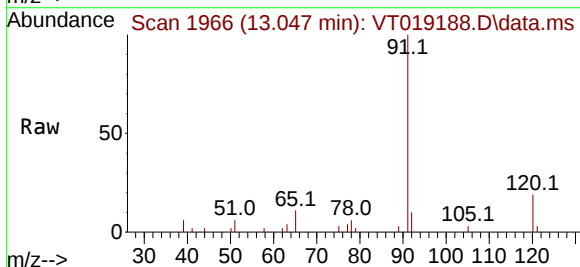
Acq: 27 Oct 2025 10:08

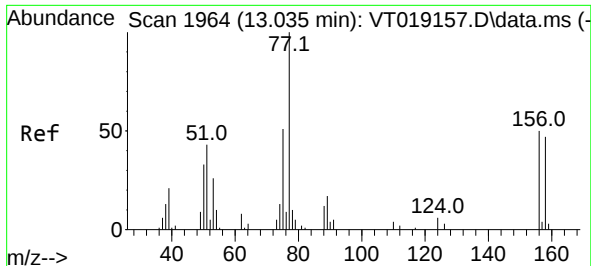
Tgt Ion: 75 Resp: 165

Ion Ratio Lower Upper

75 100

77 81.8 0.0 74.2#

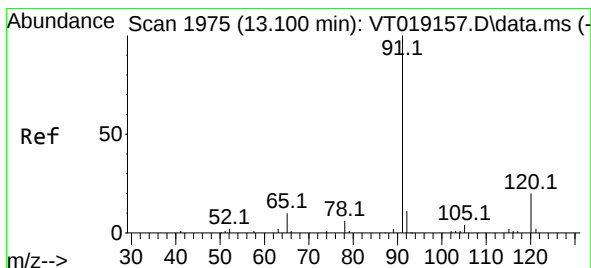
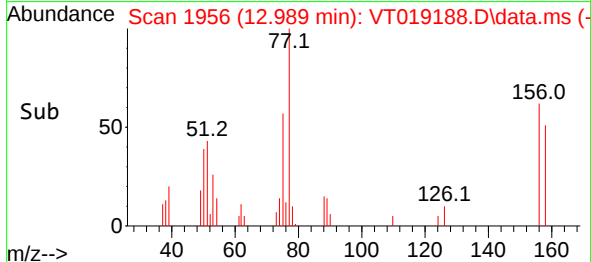
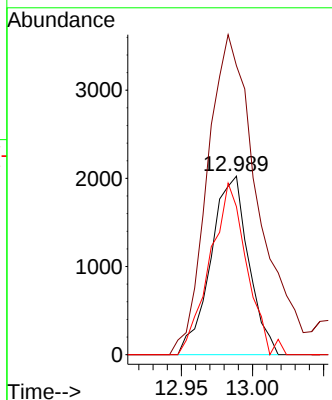
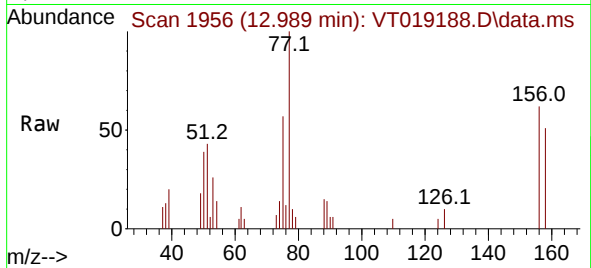




#73
Bromobenzene
Concen: 2.516 ug/l
RT: 12.989 min Scan# 1956
Delta R.T. -0.046 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

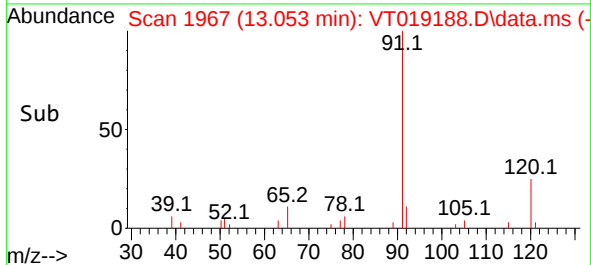
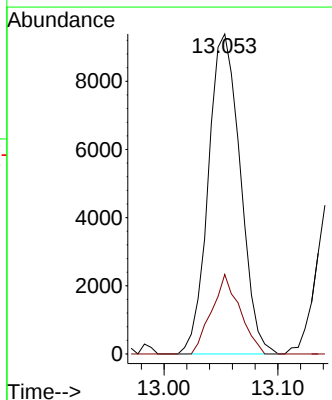
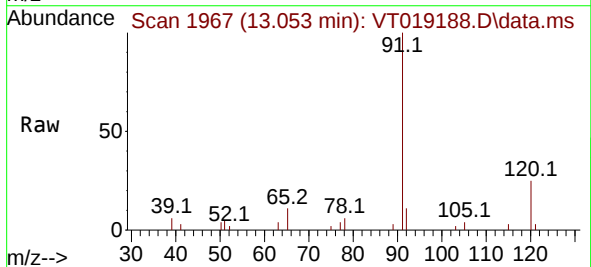
Instrument :
MSVOA_T
ClientSampleId :
MDL06

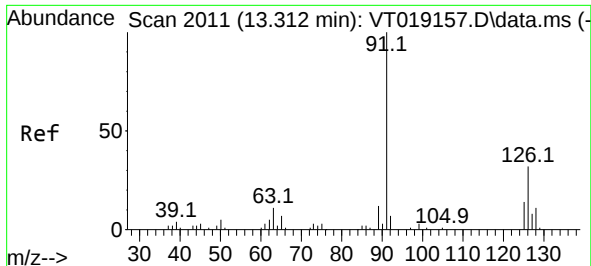
Tgt Ion:156 Resp: 3735
Ion Ratio Lower Upper
156 100
77 239.4 0.0 340.8
158 91.6 0.0 189.0



#74
n-propylbenzene
Concen: 2.408 ug/l
RT: 13.053 min Scan# 1967
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 91 Resp: 18331
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.4

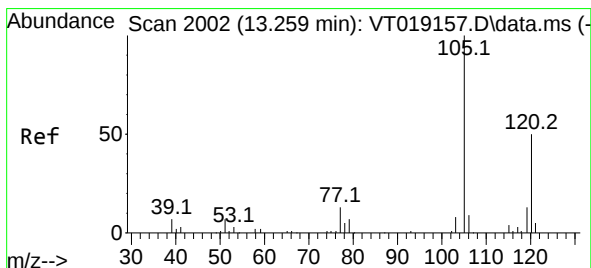
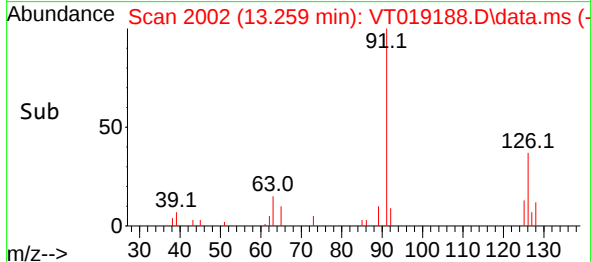
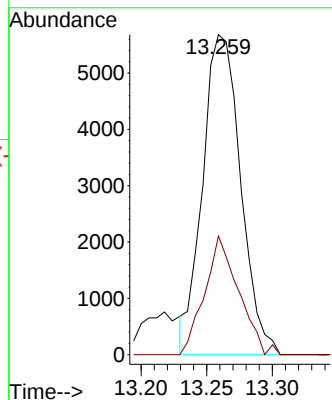
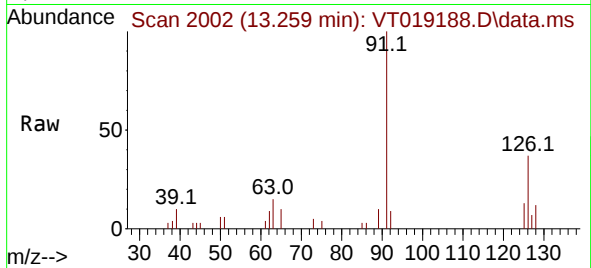




#75
2-Chlorotoluene
Concen: 2.456 ug/l
RT: 13.259 min Scan# 2011
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

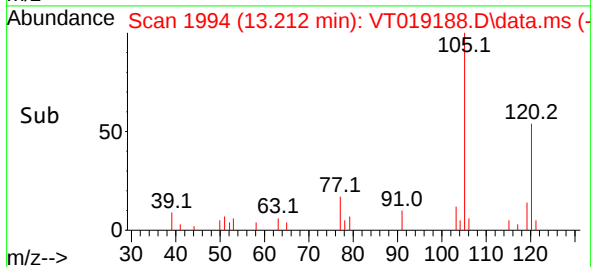
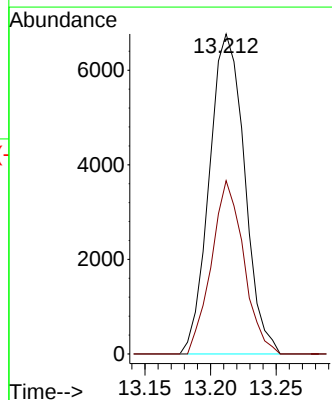
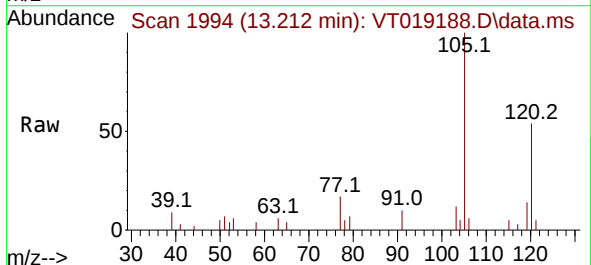
Instrument :
MSVOA_T
ClientSampleId :
MDL06

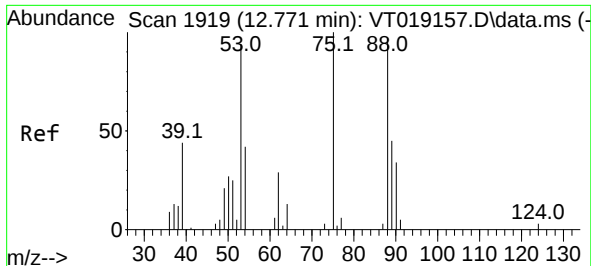
Tgt Ion: 91 Resp: 11443
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 2.437 ug/l
RT: 13.212 min Scan# 1994
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 105 Resp: 12620
Ion Ratio Lower Upper
105 100
120 49.7 0.0 93.0

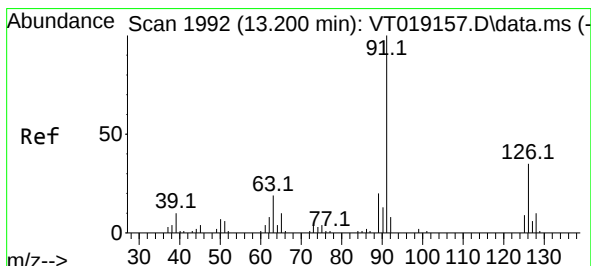
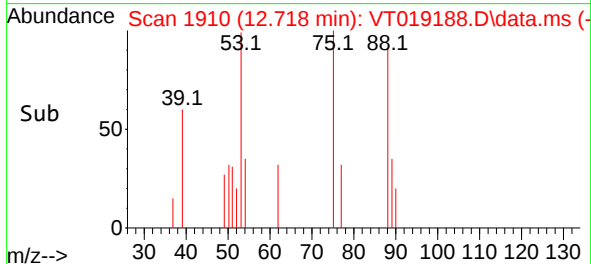
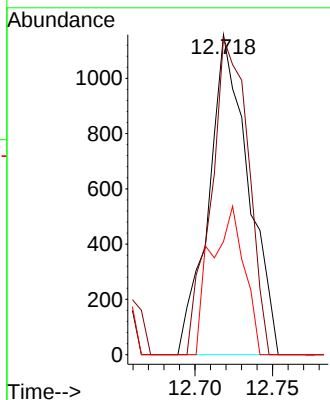
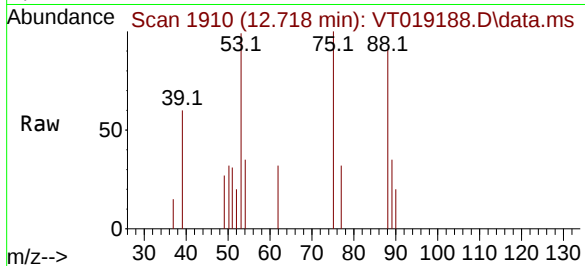




#77
t-1,4-Dichloro-2-butene
Concen: 2.312 ug/l
RT: 12.718 min Scan# 1910
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

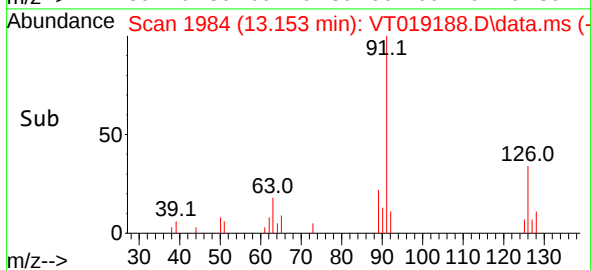
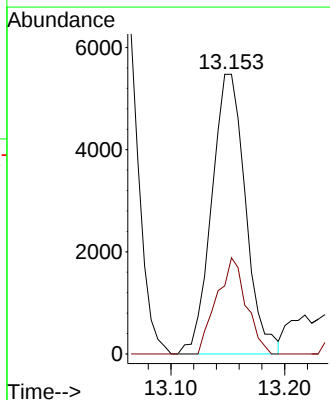
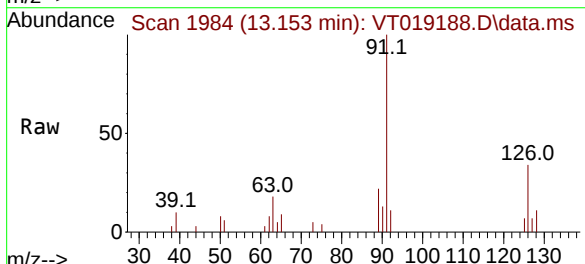
Instrument :
MSVOA_T
ClientSampleId :
MDL06

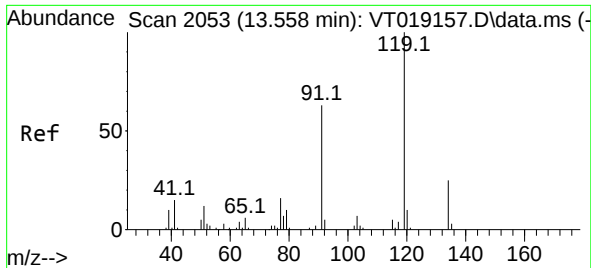
Tgt Ion:	75	Resp:	2054
Ion	Ratio	Lower	Upper
75	100		
53	99.0	48.4	145.2
89	35.3	33.8	101.3



#78
4-Chlorotoluene
Concen: 2.465 ug/l
RT: 13.153 min Scan# 1984
Delta R.T. -0.047 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:	91	Resp:	11330
Ion	Ratio	Lower	Upper
91	100		
126	30.0	0.0	57.2

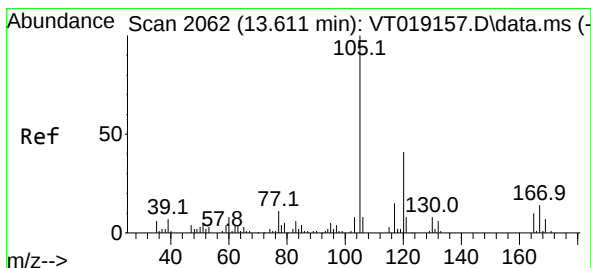
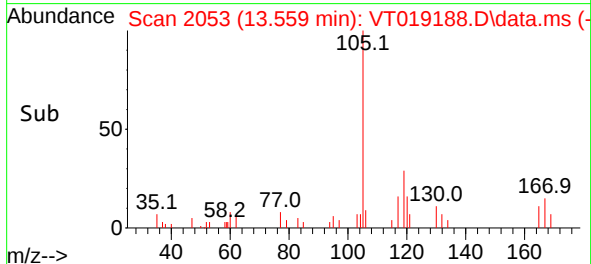
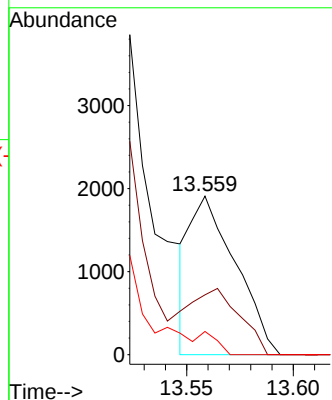
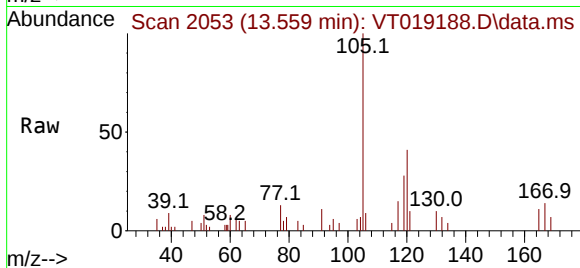




#79
tert-butylbenzene
Concen: 0.617 ug/l
RT: 13.559 min Scan# 2053
Delta R.T. 0.001 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

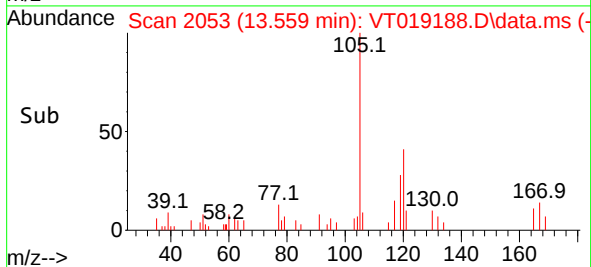
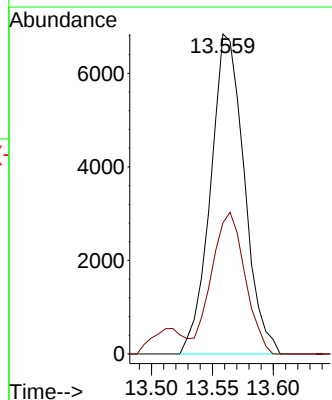
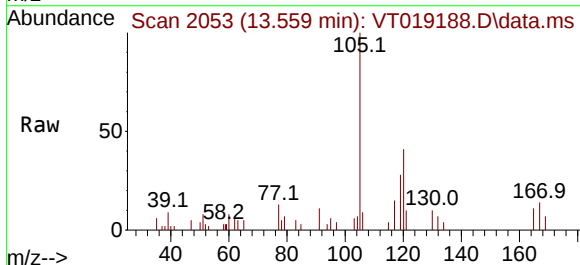
Instrument :
MSVOA_T
ClientSampleId :
MDL06

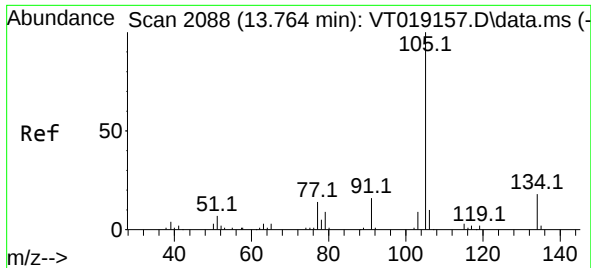
Tgt Ion:119 Resp: 2838
Ion Ratio Lower Upper
119 100
91 49.4 0.0 120.6
134 5.6 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 2.435 ug/l
RT: 13.559 min Scan# 2053
Delta R.T. -0.052 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:105 Resp: 13158
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.6

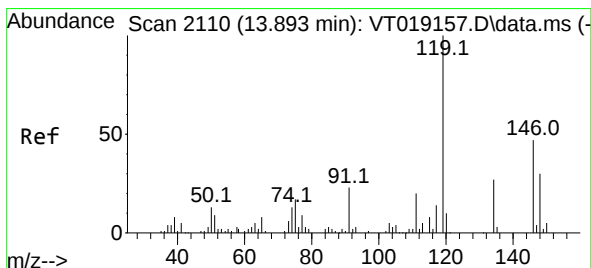
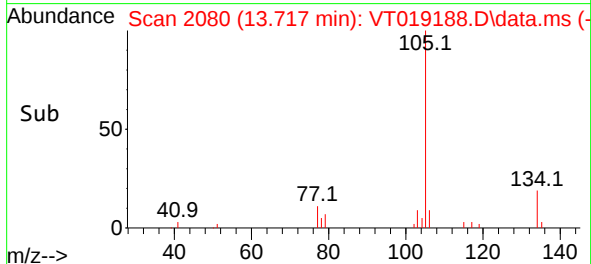
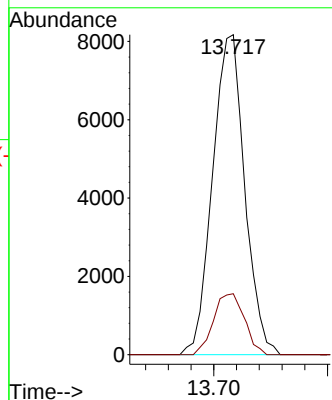
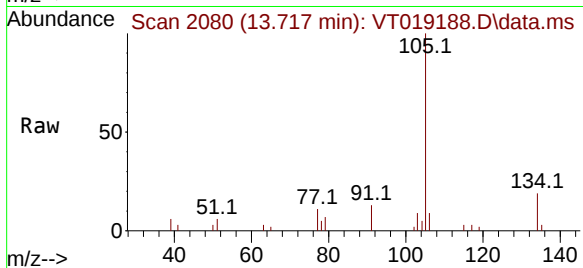




#81
 sec-Butylbenzene
 Concen: 2.419 ug/l
 RT: 13.717 min Scan# 2088
 Delta R.T. -0.047 min
 Lab File: VT019188.D
 Acq: 27 Oct 2025 10:08

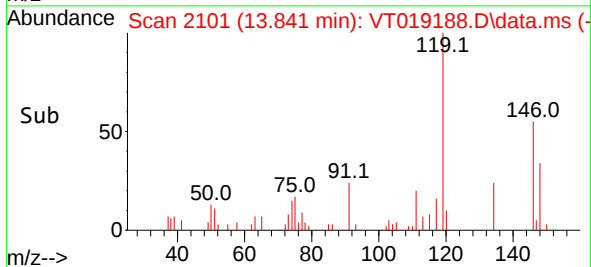
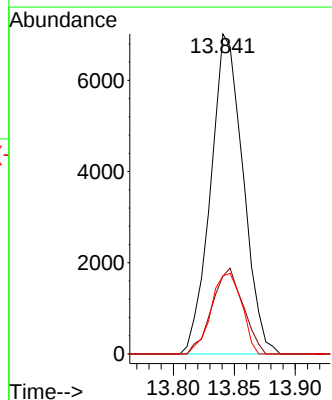
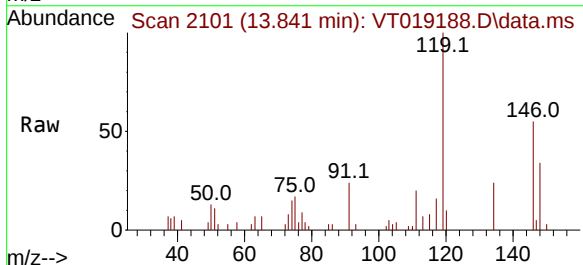
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL06

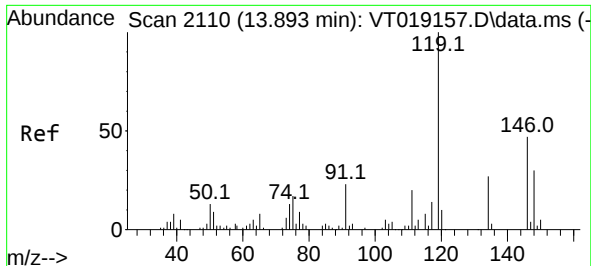
Tgt Ion:105 Resp: 16028
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 2.355 ug/l
 RT: 13.841 min Scan# 2101
 Delta R.T. -0.052 min
 Lab File: VT019188.D
 Acq: 27 Oct 2025 10:08

Tgt Ion:119 Resp: 12986
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.8
 91 23.7 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 2.742 ug/l

RT: 13.935 min Scan# 2117

Delta R.T. 0.042 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

Instrument :

MSVOA_T

ClientSampleId :

MDL06

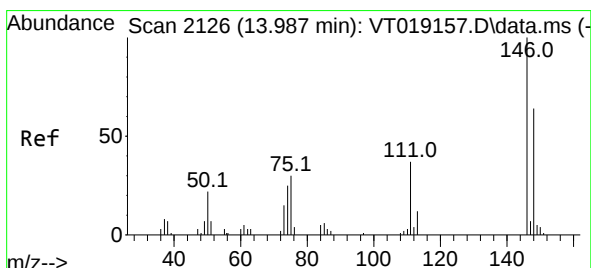
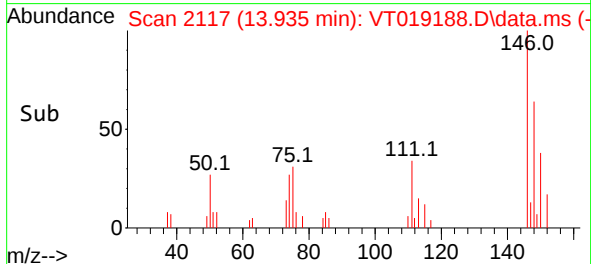
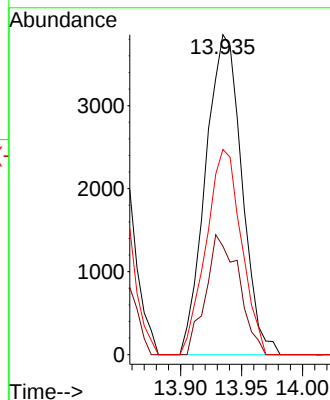
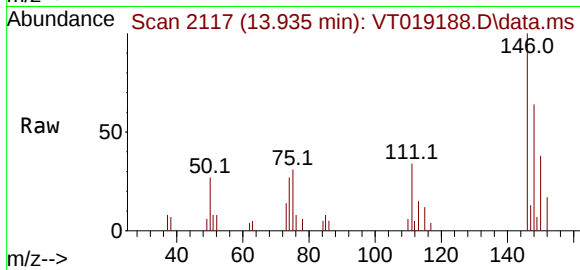
Tgt Ion:146 Resp: 7982

Ion Ratio Lower Upper

146 100

111 34.3 20.7 62.1

148 62.2 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 2.723 ug/l

RT: 13.935 min Scan# 2117

Delta R.T. -0.046 min

Lab File: VT019188.D

Acq: 27 Oct 2025 10:08

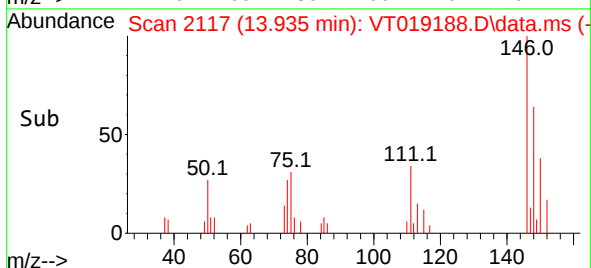
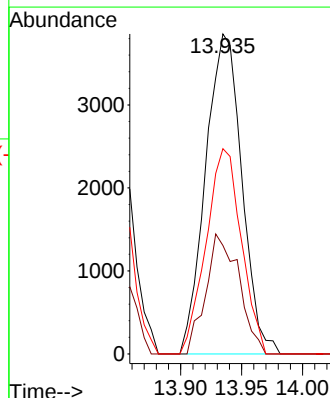
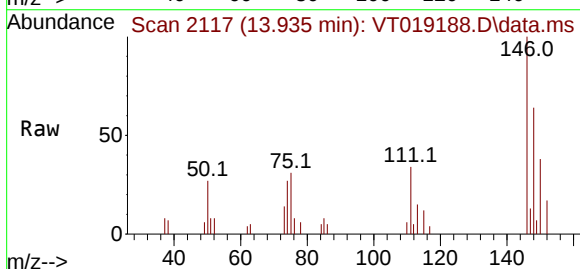
Tgt Ion:146 Resp: 7982

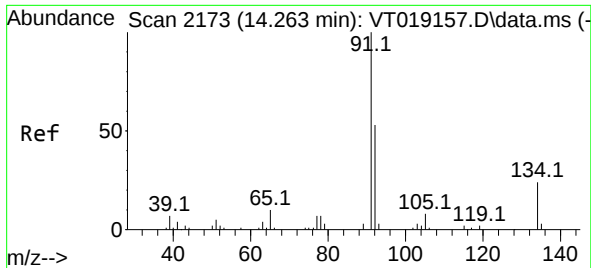
Ion Ratio Lower Upper

146 100

111 34.3 20.4 61.3

148 62.2 32.3 96.8

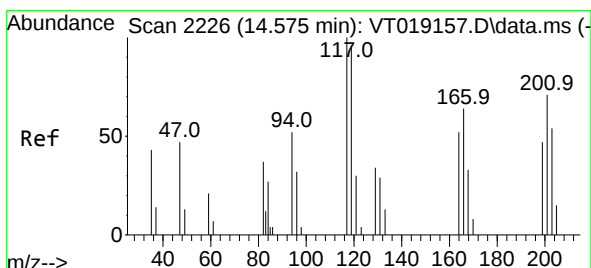
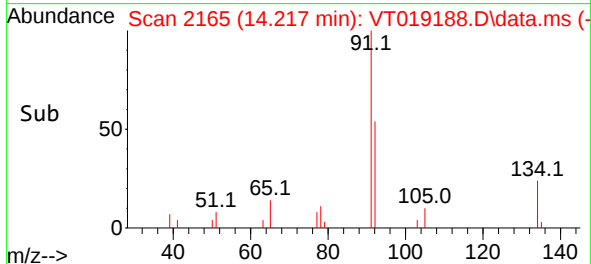
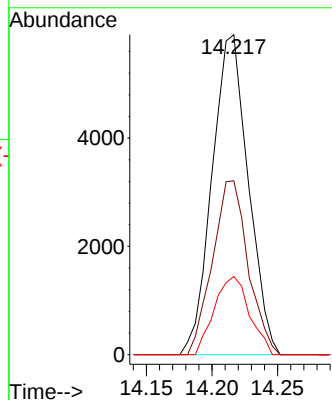
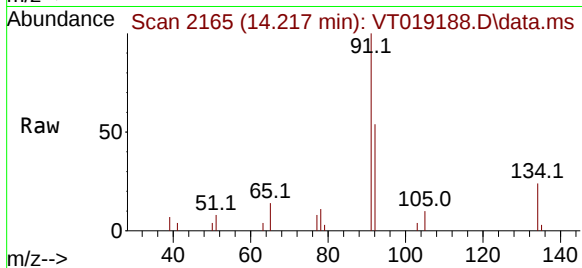




#85
n-Butylbenzene
Concen: 2.247 ug/l
RT: 14.217 min Scan# 2173
Delta R.T. -0.046 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

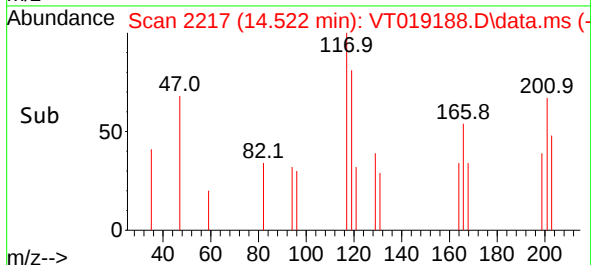
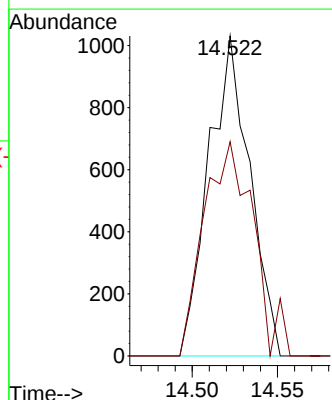
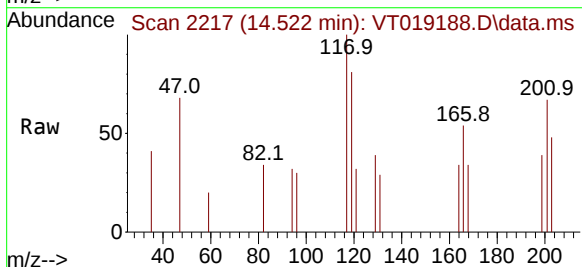
Instrument :
MSVOA_T
ClientSampleId :
MDL06

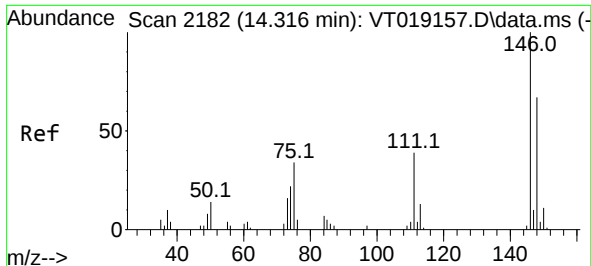
Tgt Ion: 91 Resp: 11340
Ion Ratio Lower Upper
91 100
92 53.4 0.0 107.8
134 23.7 0.0 50.0



#86
Hexachloroethane
Concen: 2.336 ug/l
RT: 14.522 min Scan# 2217
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 117 Resp: 1726
Ion Ratio Lower Upper
117 100
201 76.8 0.5 1.5#

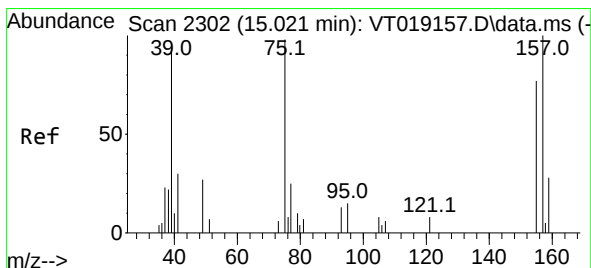
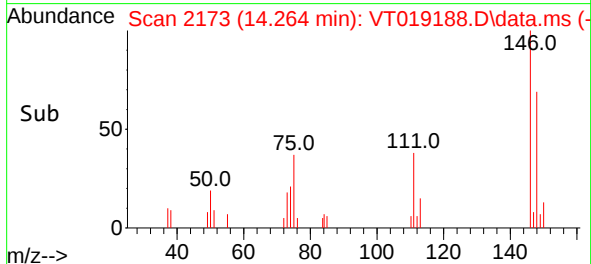
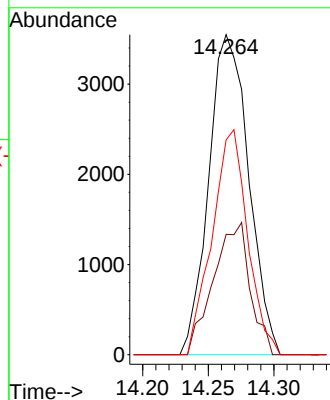
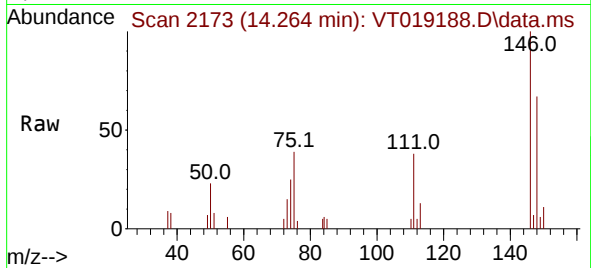




#87
1,2-Dichlorobenzene
Concen: 2.582 ug/l
RT: 14.264 min Scan# 2182
Delta R.T. -0.052 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

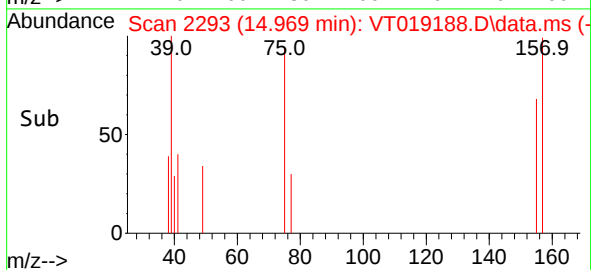
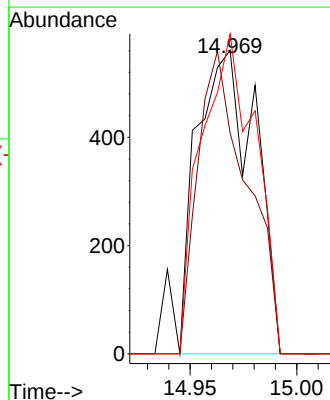
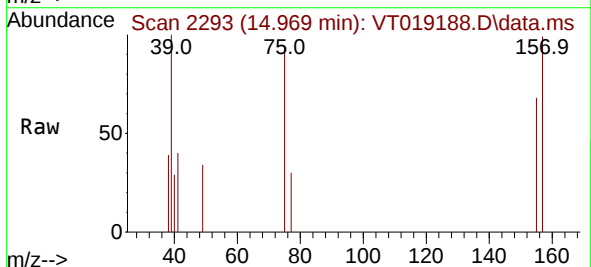
Instrument :
MSVOA_T
ClientSampleId :
MDL06

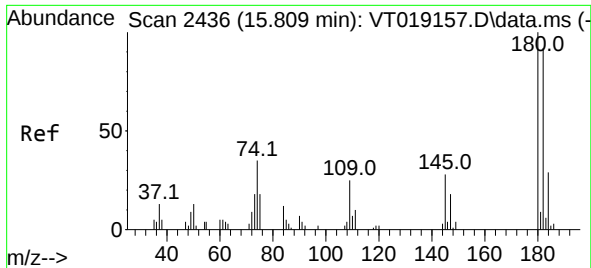
Tgt Ion:146 Resp: 7509
Ion Ratio Lower Upper
146 100
111 37.9 21.8 65.3
148 62.4 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 1.955 ug/l
RT: 14.969 min Scan# 2293
Delta R.T. -0.052 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
155 84.1 65.4 98.2
157 98.1 82.0 123.0

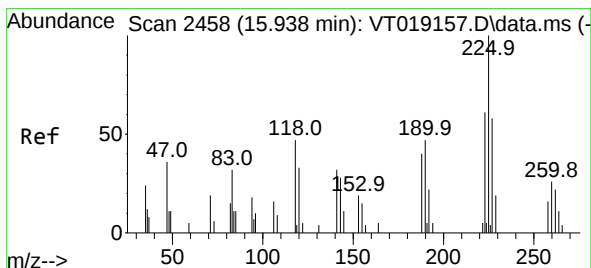
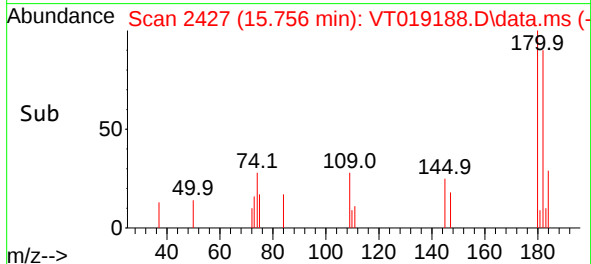
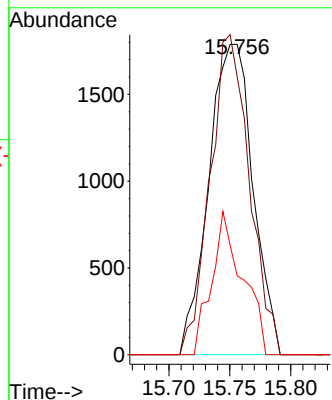
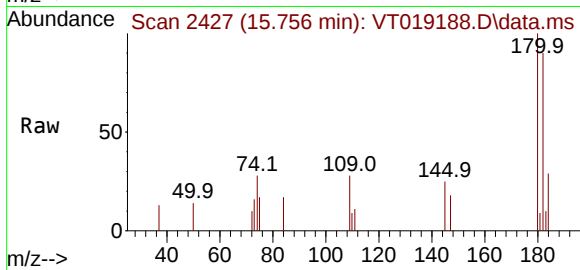




#89
1,2,4-Trichlorobenzene
Concen: 2.555 ug/l
RT: 15.756 min Scan# 2436
Delta R.T. -0.053 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

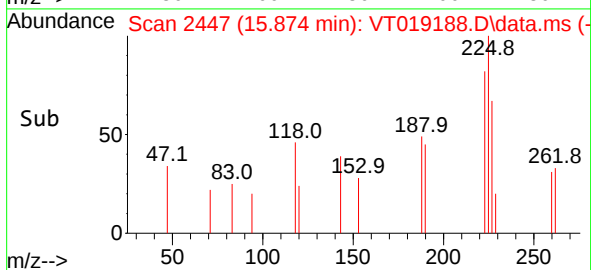
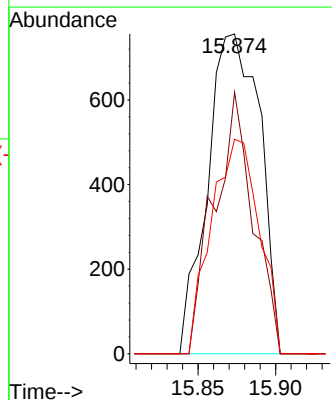
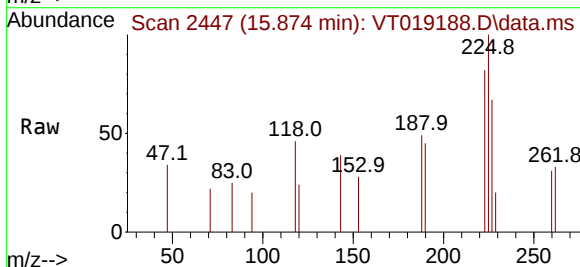
Instrument :
MSVOA_T
ClientSampleId :
MDL06

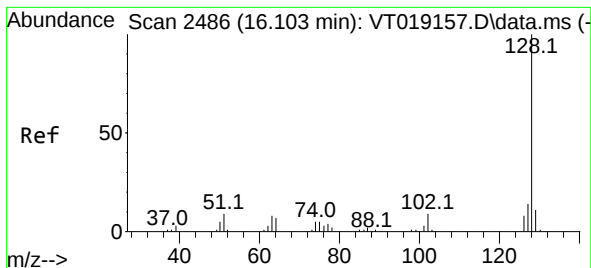
Tgt Ion:180 Resp: 4523
Ion Ratio Lower Upper
180 100
182 91.5 78.2 117.2
145 32.3 26.5 39.7



#90
Hexachlorobutadiene
Concen: 3.029 ug/l
RT: 15.874 min Scan# 2447
Delta R.T. -0.064 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:225 Resp: 1778
Ion Ratio Lower Upper
225 100
223 43.9 0.0 73.8
227 61.3 0.0 130.6

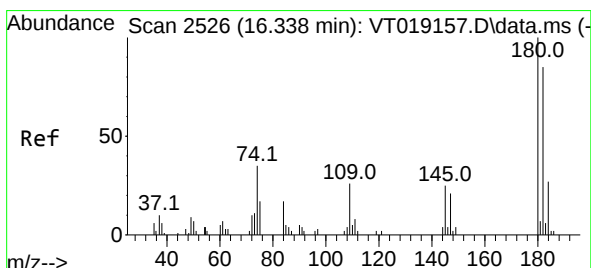
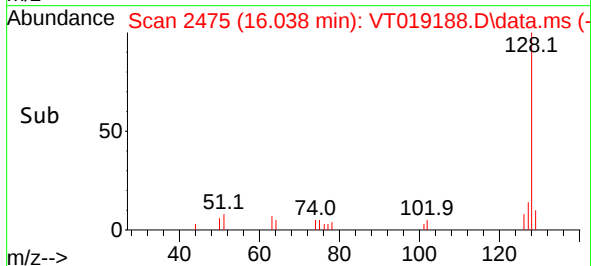
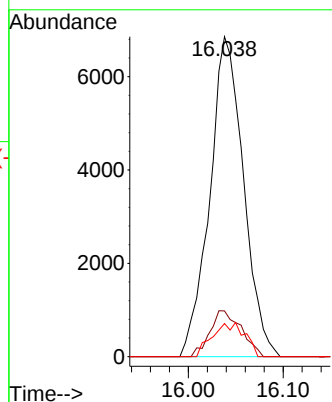
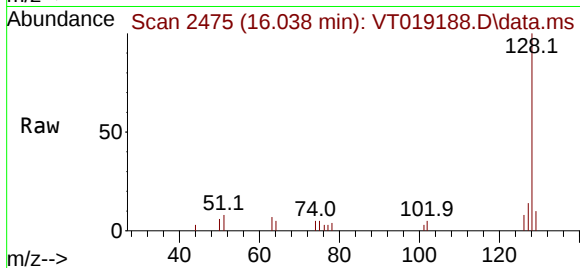




#91
Naphthalene
Concen: 2.479 ug/l
RT: 16.038 min Scan# 2486
Delta R.T. -0.059 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Instrument :
MSVOA_T
ClientSampleId :
MDL06

Tgt Ion:128 Resp: 16963
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 6.1 9.0 13.4#



#92
1,2,3-Trichlorobenzene
Concen: 2.405 ug/l
RT: 16.273 min Scan# 2515
Delta R.T. -0.065 min
Lab File: VT019188.D
Acq: 27 Oct 2025 10:08

Tgt Ion:180 Resp: 4298
Ion Ratio Lower Upper
180 100
182 100.6 0.0 189.0
145 31.7 0.0 69.2

