

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019242.D
 Acq On : 8 Dec 2025 10:34
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 09 01:00:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 00:58:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	200060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	348151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.713	117	306440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.917	152	160363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	27593	10.709	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	21.420%#
35) Dibromofluoromethane	7.465	113	21343	10.411	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	20.820%#
50) Toluene-d8	10.215	98	95863	10.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	21.280%#
62) 4-Bromofluorobenzene	12.847	95	35898	9.387	ug/l	0.00
Spiked Amount	50.000	Range	52 - 138	Recovery	=	18.780%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	15722	7.883	ug/l	92
3) Chloromethane	2.066	50	35272	11.170	ug/l	97
4) Vinyl Chloride	2.189	62	36592	10.938	ug/l	99
5) Bromomethane	2.530	94	24806	9.983	ug/l	98
6) Chloroethane	2.671	64	28185	10.749	ug/l	98
7) Trichlorofluoromethane	2.965	101	51844	10.556	ug/l	99
8) Diethyl Ether	3.329	74	20331	10.770	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.652	101	30230	10.519	ug/l	98
10) Methyl Iodide	3.840	142	23989	9.486	ug/l	94
11) Tert butyl alcohol	4.639	59	15282	54.583	ug/l #	93
12) 1,1-Dichloroethene	3.635	96	30214	10.255	ug/l	96
13) Acrolein	3.517	56	5699	67.348	ug/l	99
14) Allyl chloride	4.181	41	61581	10.797	ug/l	99
15) Acrylonitrile	4.810	53	44631	56.065	ug/l	99
16) Acetone	3.717	43	100541	47.415	ug/l	98
17) Carbon Disulfide	3.934	76	91323	10.602	ug/l	95
18) Methyl Acetate	4.187	43	21169	9.583	ug/l	97
19) Methyl tert-butyl Ether	4.868	73	89352	11.641	ug/l	98
20) Methylene Chloride	4.393	84	41843	11.083	ug/l	99
21) trans-1,2-Dichloroethene	4.863	96	32625	11.563	ug/l	91
22) Diisopropyl ether	5.767	45	101787	10.421	ug/l	98
23) Vinyl Acetate	5.703	43	175817	41.426	ug/l	97
24) 1,1-Dichloroethane	5.656	63	53729	10.566	ug/l	99
25) 2-Butanone	6.666	43	68333	60.213	ug/l	94
26) 2,2-Dichloropropane	6.643	77	37084	9.980	ug/l	100
27) cis-1,2-Dichloroethene	6.643	96	30680	10.410	ug/l	96
28) Bromochloromethane	7.031	49	24243	10.733	ug/l	95
29) Tetrahydrofuran	7.060	42	30956	54.860	ug/l	98
30) Chloroform	7.225	83	49930	10.916	ug/l	94
31) Cyclohexane	7.524	56	56042	10.850	ug/l	95
32) 1,1,1-Trichloroethane	7.430	97	38165	10.382	ug/l	99
36) 1,1-Dichloropropene	7.671	75	38125	10.577	ug/l	98
37) Ethyl Acetate	6.772	43	19187	10.391	ug/l #	93
38) Carbon Tetrachloride	7.653	117	26090	9.920	ug/l	92
39) Methylcyclohexane	9.081	83	51144	10.610	ug/l	98
40) Benzene	7.935	78	117898	10.461	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.013	41	11063	10.923	ug/l	99
42) 1,2-Dichloroethane	8.029	62	30085	10.418	ug/l	100
43) Isopropyl Acetate	8.082	43	37152	10.757	ug/l	97
44) Trichloroethene	8.811	130	24279	10.245	ug/l	96
45) 1,2-Dichloropropane	9.128	63	27386	10.440	ug/l	95
46) Dibromomethane	9.222	93	12410	10.398	ug/l	99
47) Bromodichloromethane	9.445	83	32849	10.213	ug/l	99
48) Methyl methacrylate	9.222	41	17168	10.418	ug/l	97
49) 1,4-Dioxane	9.222	88	4316	202.289	ug/l	97
51) 4-Methyl-2-Pentanone	10.098	43	92134	54.108	ug/l	98
52) Toluene	10.292	92	70678	10.443	ug/l	97
53) t-1,3-Dichloropropene	10.544	75	30013	10.292	ug/l	99
54) cis-1,3-Dichloropropene	9.933	75	37191	10.081	ug/l	90
55) 1,1,2-Trichloroethane	10.756	97	18033	10.557	ug/l	96
56) Ethyl methacrylate	10.603	69	24087	10.463	ug/l	98
57) 1,3-Dichloropropane	10.914	76	33787	10.696	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.769	63	32327	8.662	ug/l	100
59) 2-Hexanone	10.967	43	80559	58.869	ug/l	100
60) Dibromochloromethane	11.138	129	18710	10.423	ug/l	99
61) 1,2-Dibromoethane	11.255	107	15628	10.868	ug/l	100
64) Tetrachloroethene	10.826	164	23168	10.094	ug/l	95
65) Chlorobenzene	11.743	112	73264	10.446	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.831	131	19685	9.803	ug/l	98
67) Ethyl Benzene	11.831	91	137742	10.203	ug/l	99
68) m/p-Xylenes	11.954	106	105140	20.253	ug/l	99
69) o-Xylene	12.330	106	50385	10.253	ug/l	100
70) Styrene	12.348	104	83451	10.158	ug/l	100
71) Bromoform	12.530	173	9323	9.849	ug/l #	97
73) Isopropylbenzene	12.671	105	132628	9.375	ug/l	98
74) N-amyl acetate	12.460	43	23856	9.149	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.965	83	21444	9.808	ug/l	97
76) 1,2,3-Trichloropropane	13.024	75	26783	15.621	ug/l #	100
77) Bromobenzene	12.988	156	29005	9.942	ug/l	93
78) n-propylbenzene	13.059	91	160745	9.642	ug/l	100
79) 2-Chlorotoluene	13.159	91	92987	9.919	ug/l	100
80) 1,3,5-Trimethylbenzene	13.223	105	110610	10.120	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.724	75	4572	8.960	ug/l	98
82) 4-Chlorotoluene	13.270	91	97283	9.910	ug/l	98
83) tert-Butylbenzene	13.517	119	99510	10.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.570	105	109844	9.922	ug/l	99
85) sec-Butylbenzene	13.723	105	152202	10.307	ug/l	99
86) p-Isopropyltoluene	13.852	119	121904	9.790	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	61674	10.185	ug/l	99
88) 1,4-Dichlorobenzene	13.940	146	59742	10.384	ug/l	97
89) n-Butylbenzene	14.222	91	118291	10.076	ug/l	99
90) Hexachloroethane	14.528	117	14462	9.401	ug/l	99
91) 1,2-Dichlorobenzene	14.275	146	54777	10.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.974	75	2931	10.551	ug/l	91
93) 1,2,4-Trichlorobenzene	15.762	180	36649	10.769	ug/l	97
94) Hexachlorobutadiene	15.879	225	18747	10.755	ug/l	100
95) Naphthalene	16.050	128	64078	10.517	ug/l	100
96) 1,2,3-Trichlorobenzene	16.279	180	31130	10.698	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 09 00:58:21 2025
Response via : Initial Calibration

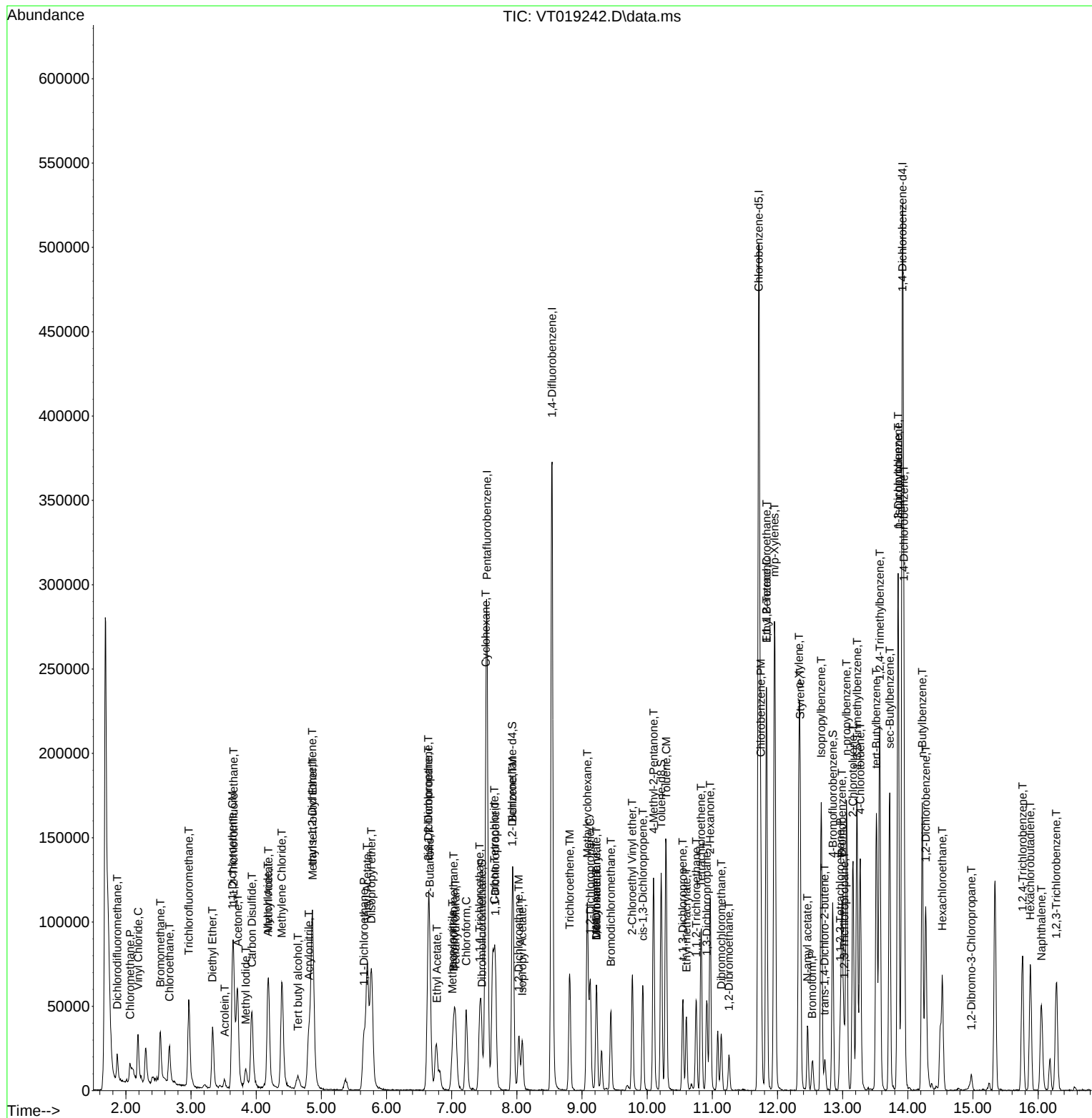
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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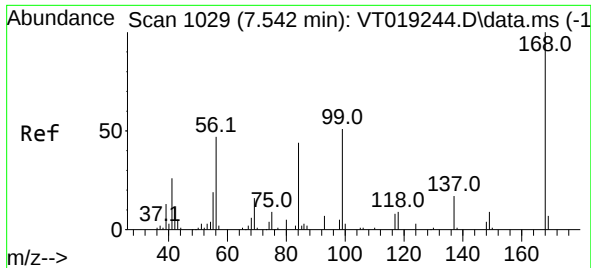
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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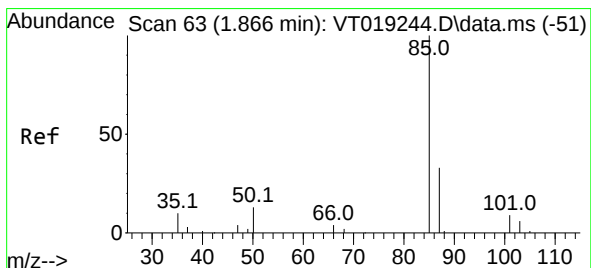
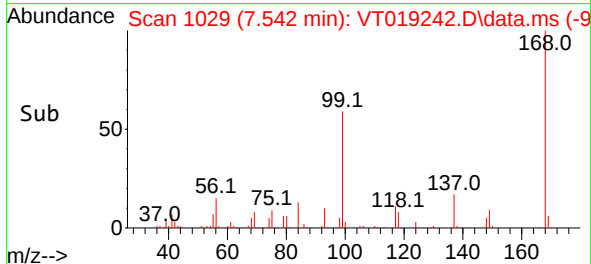
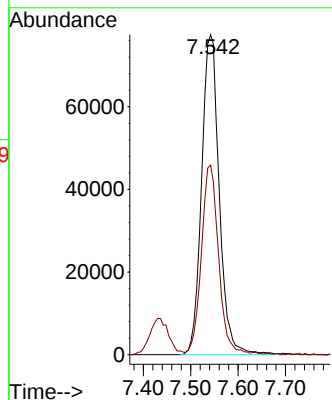
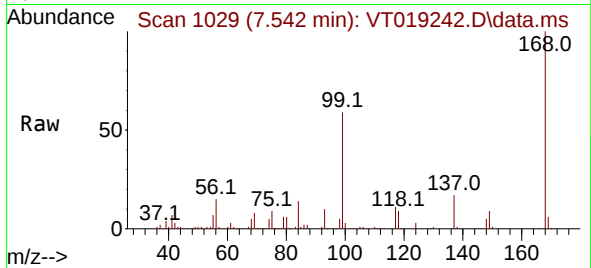




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.542 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VT019242.D
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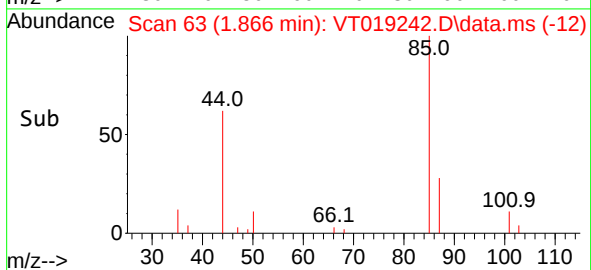
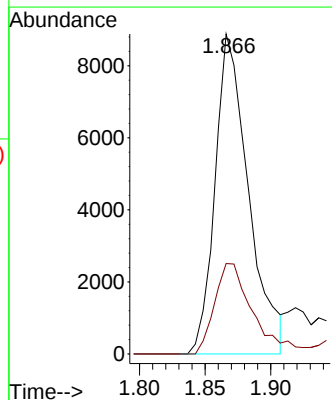
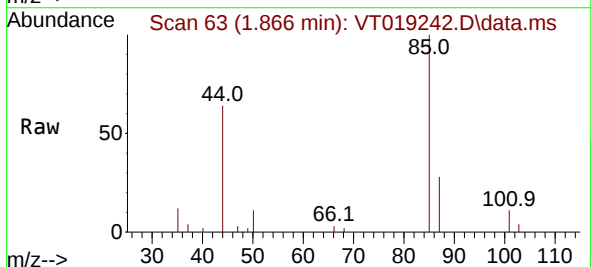
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 200060
Ion Ratio Lower Upper
168 100
99 59.2 45.9 68.9

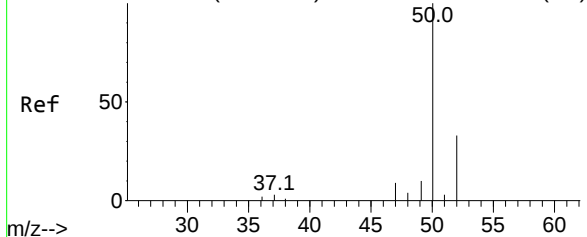


#2
Dichlorodifluoromethane
Concen: 7.883 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 85 Resp: 15722
Ion Ratio Lower Upper
85 100
87 28.2 16.4 49.4



Abundance Scan 96 (2.060 min): VT019244.D\data.ms (-88)



#3

Chloromethane

Concen: 11.170 ug/l

RT: 2.066 min Scan# 91

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

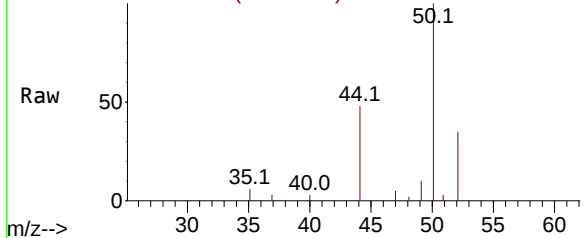
Tgt Ion: 50 Resp: 35272

Ion Ratio Lower Upper

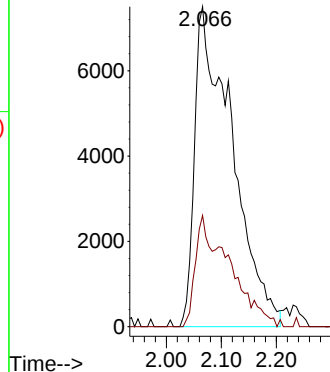
50 100

52 34.7 26.3 39.5

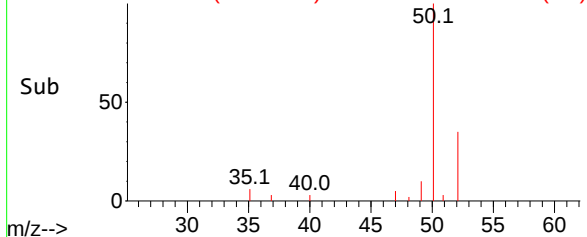
Abundance Scan 97 (2.066 min): VT019242.D\data.ms



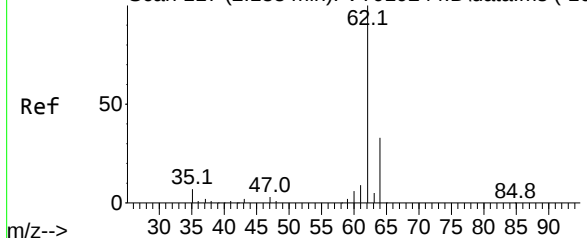
Abundance



Abundance Scan 97 (2.066 min): VT019242.D\data.ms (-45)



Abundance Scan 117 (2.183 min): VT019244.D\data.ms (-10)



#4

Vinyl Chloride

Concen: 10.938 ug/l

RT: 2.189 min Scan# 118

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

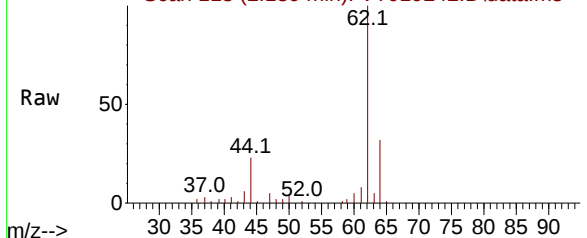
Tgt Ion: 62 Resp: 36592

Ion Ratio Lower Upper

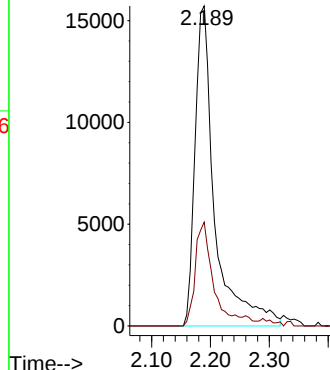
62 100

64 32.5 26.5 39.7

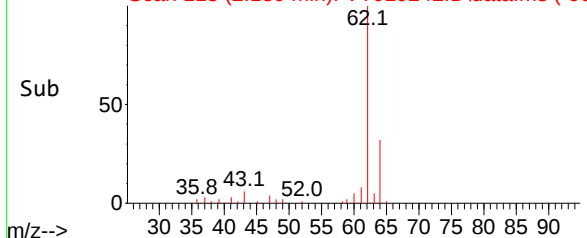
Abundance Scan 118 (2.189 min): VT019242.D\data.ms

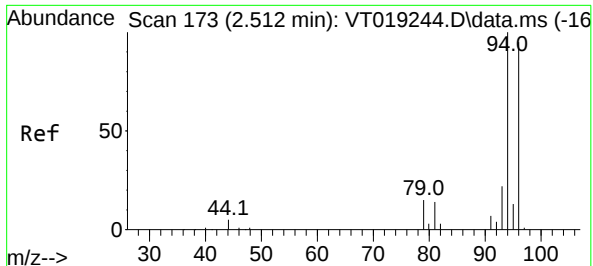


Abundance



Abundance Scan 118 (2.189 min): VT019242.D\data.ms (-66)

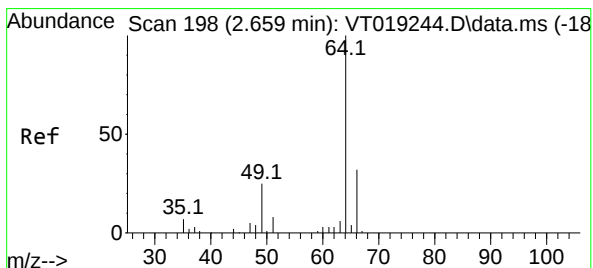
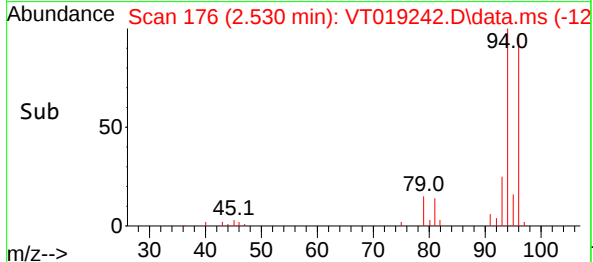
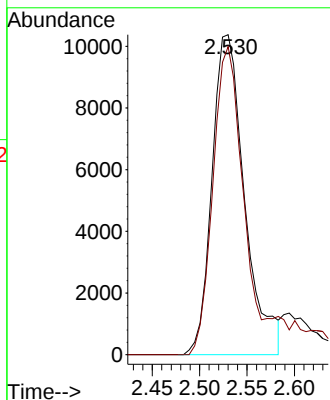
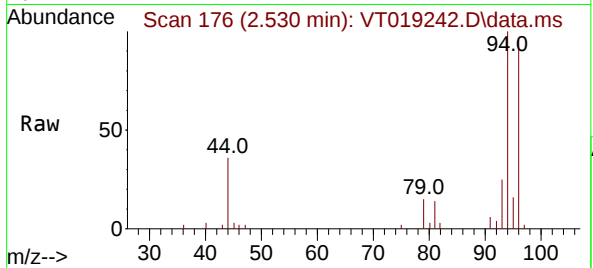




#5
Bromomethane
Concen: 9.983 ug/l
RT: 2.530 min Scan# 11
Delta R.T. 0.017 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

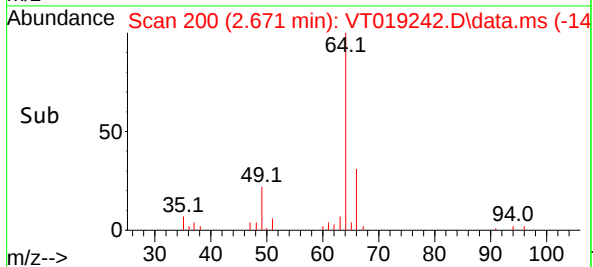
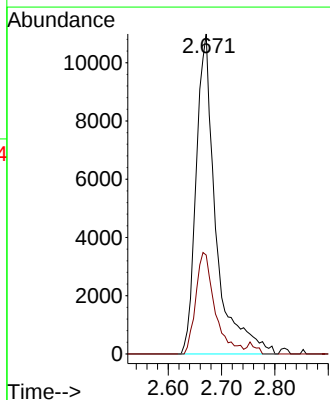
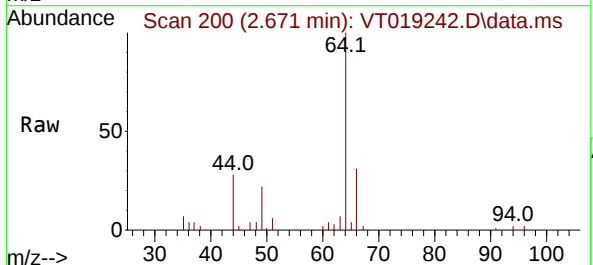
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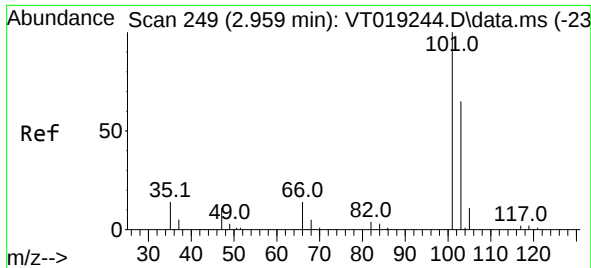
Tgt Ion: 94 Resp: 24806
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.6



#6
Chloroethane
Concen: 10.749 ug/l
RT: 2.671 min Scan# 200
Delta R.T. 0.012 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 64 Resp: 28185
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8

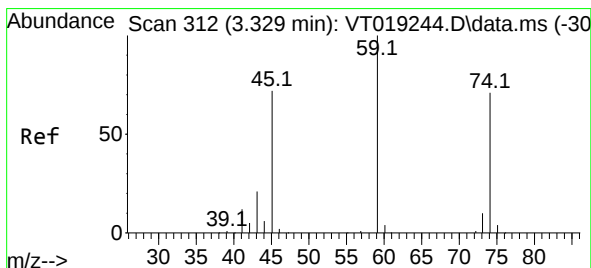
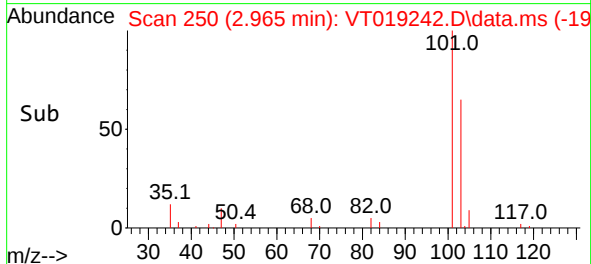
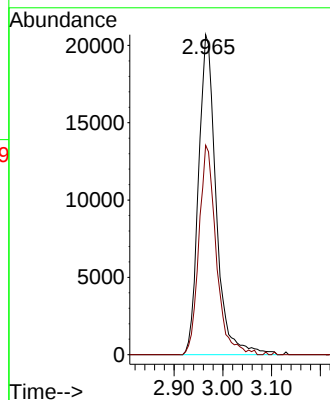
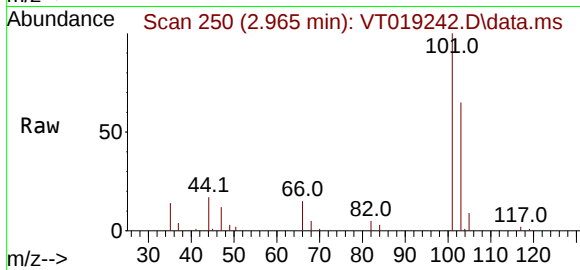




#7
 Trichlorofluoromethane
 Concen: 10.556 ug/l
 RT: 2.965 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

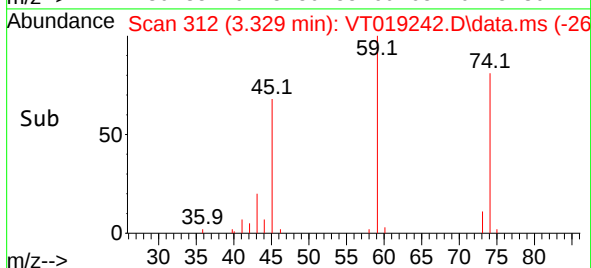
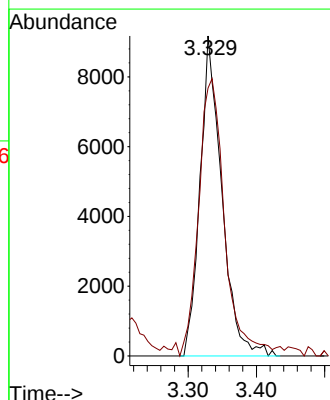
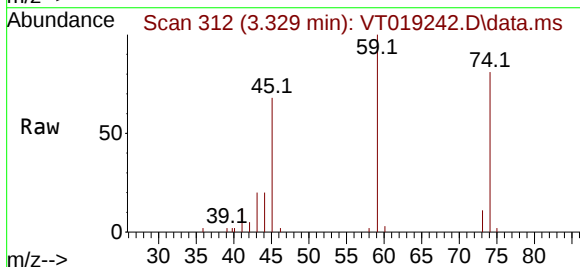
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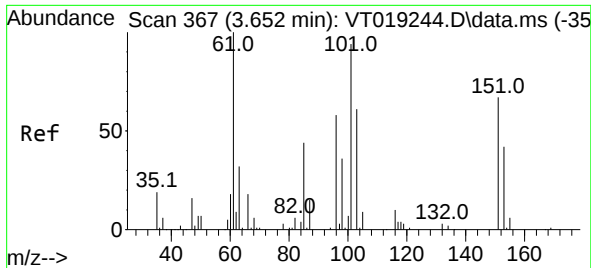
Tgt Ion:101 Resp: 51844
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 10.770 ug/l
 RT: 3.329 min Scan# 312
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

Tgt Ion: 74 Resp: 20331
 Ion Ratio Lower Upper
 74 100
 45 102.9 48.4 145.3

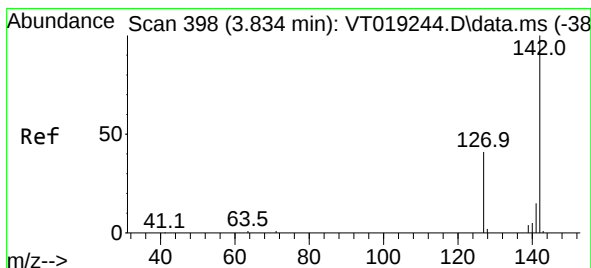
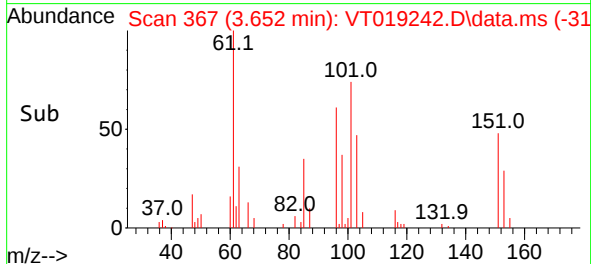
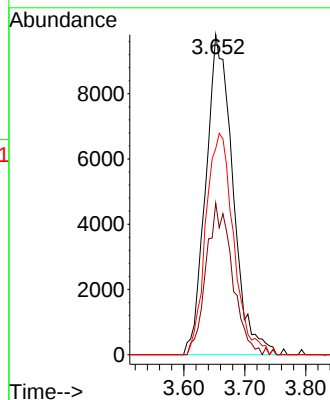
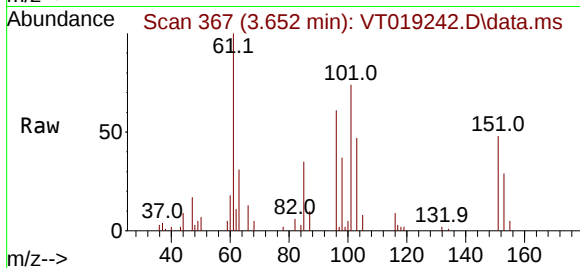




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.519 ug/l
RT: 3.652 min Scan# 30
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

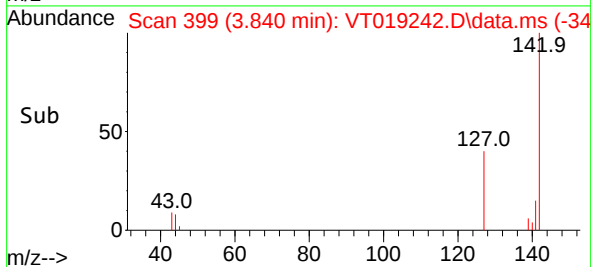
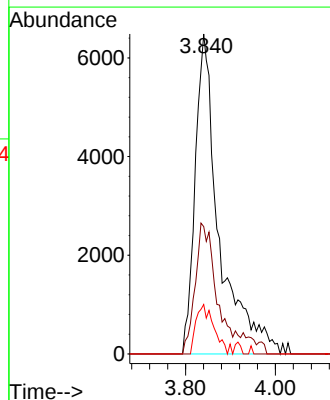
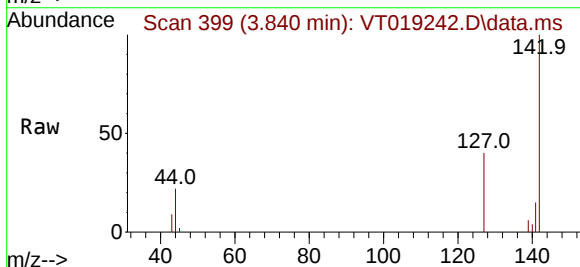
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

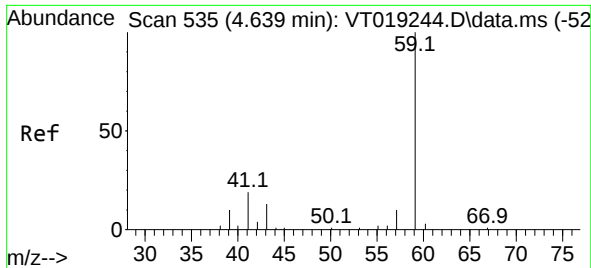
Tgt Ion:101 Resp: 30230
Ion Ratio Lower Upper
101 100
85 45.8 37.7 56.5
151 71.0 57.6 86.4



#10
Methyl Iodide
Concen: 9.486 ug/l
RT: 3.840 min Scan# 399
Delta R.T. 0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:142 Resp: 23989
Ion Ratio Lower Upper
142 100
127 37.0 32.9 49.3
141 11.3 10.3 15.5

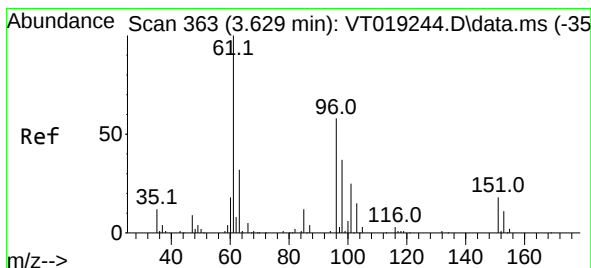
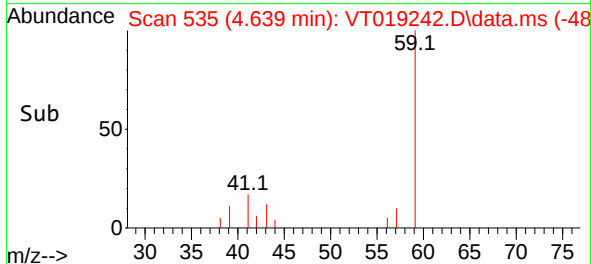
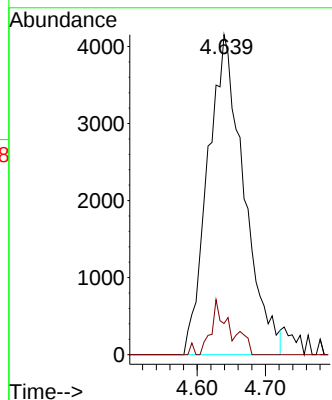
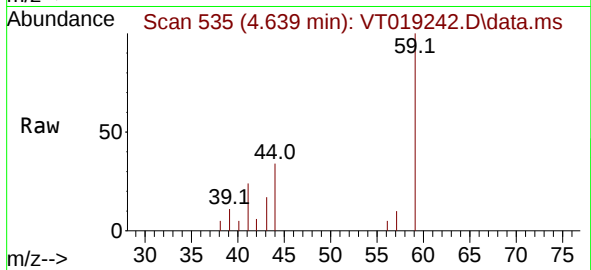




#11
Tert butyl alcohol
Concen: 54.583 ug/l
RT: 4.639 min Scan# 51
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

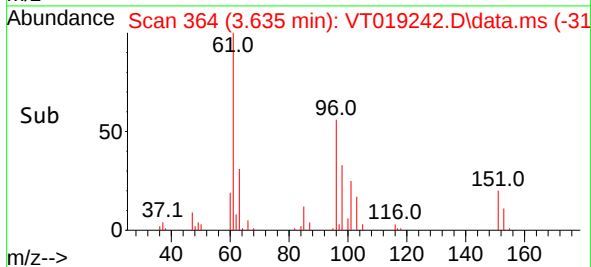
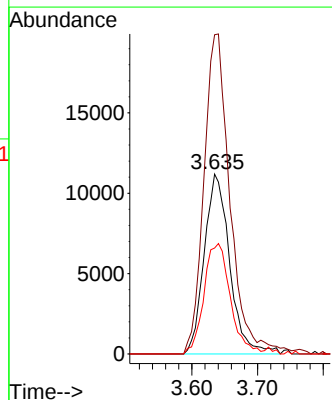
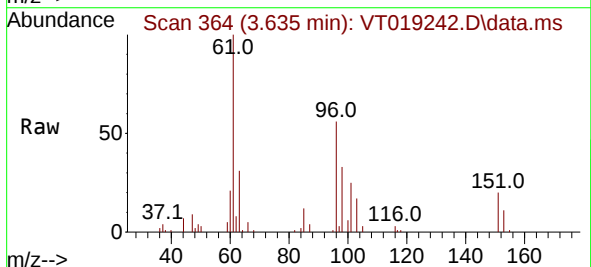
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC010

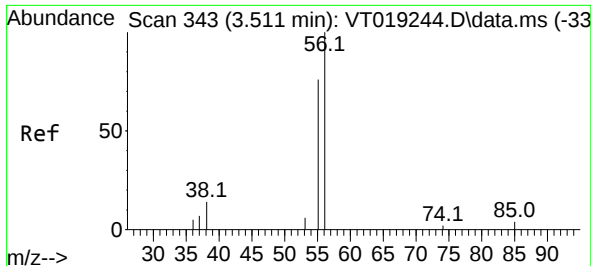
Tgt Ion: 59 Resp: 15282
Ion Ratio Lower Upper
59 100
57 7.3 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 10.255 ug/l
RT: 3.635 min Scan# 364
Delta R.T. 0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 96 Resp: 30214
Ion Ratio Lower Upper
96 100
61 177.5 137.5 206.3
98 58.9 50.2 75.4





#13

Acrolein

Concen: 67.348 ug/l

RT: 3.517 min Scan# 34

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

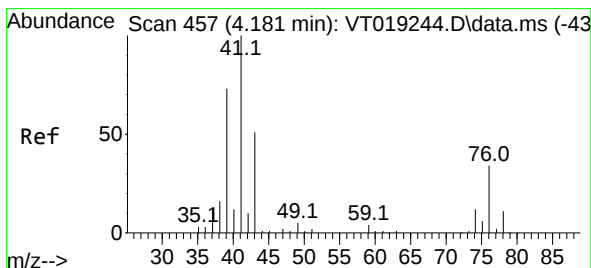
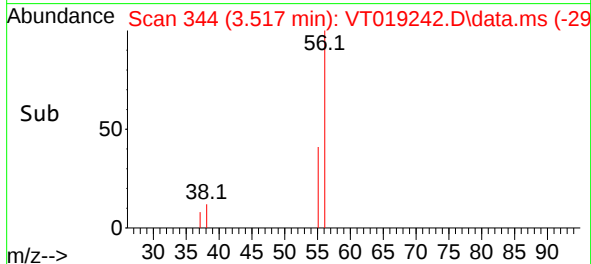
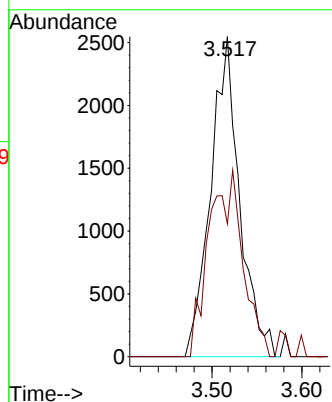
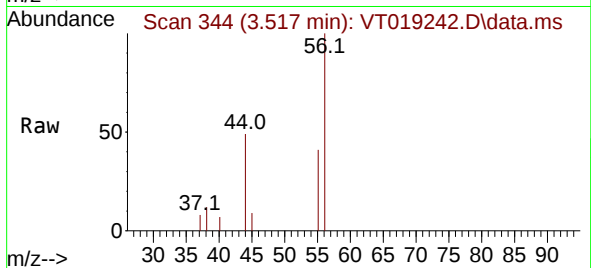
VSTDIC010

Tgt Ion: 56 Resp: 5699

Ion Ratio Lower Upper

56 100

55 68.3 55.1 82.7



#14

Allyl chloride

Concen: 10.797 ug/l

RT: 4.181 min Scan# 457

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

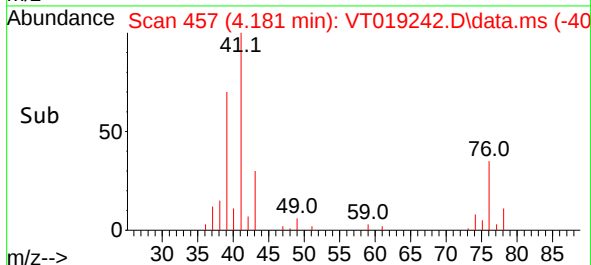
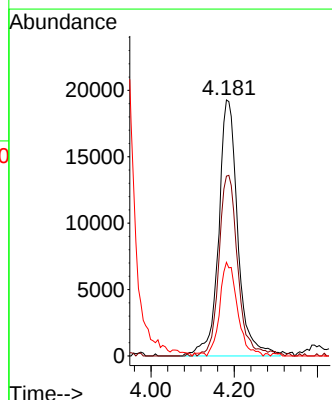
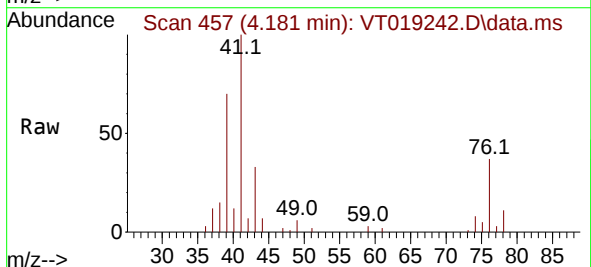
Tgt Ion: 41 Resp: 61581

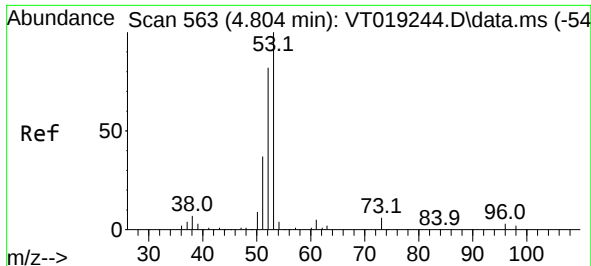
Ion Ratio Lower Upper

41 100

39 69.2 55.7 83.5

76 33.6 26.6 39.8

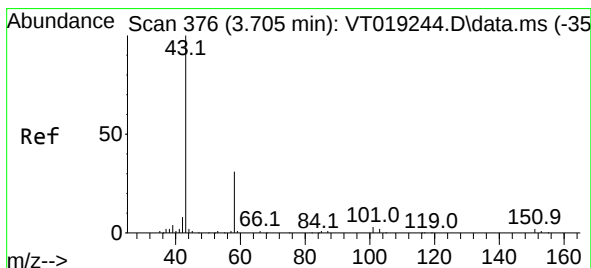
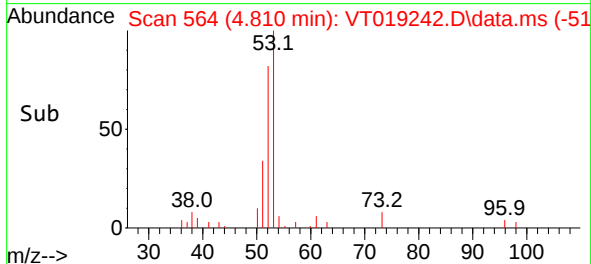
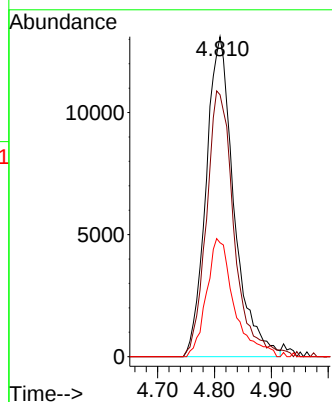
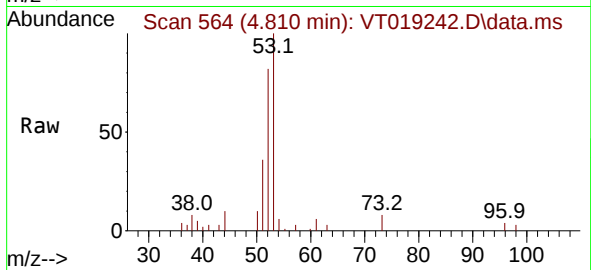




#15
Acrylonitrile
Concen: 56.065 ug/l
RT: 4.810 min Scan# 50
Delta R.T. 0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

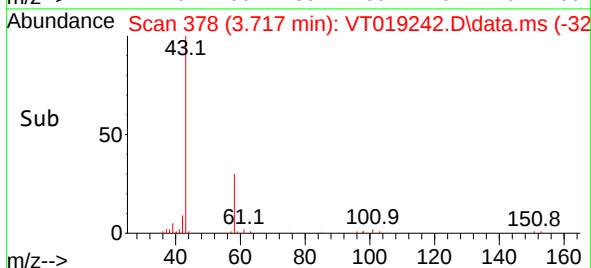
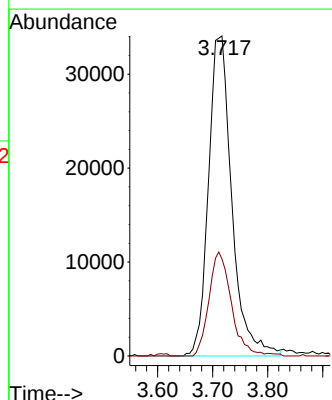
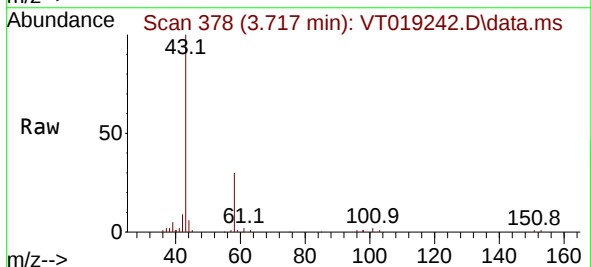
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

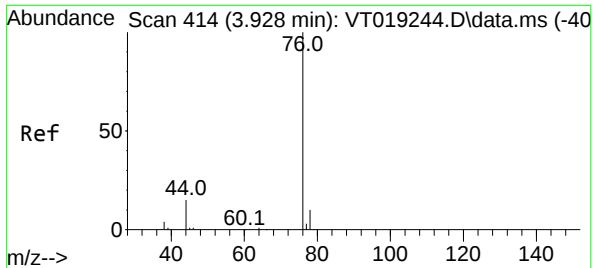
Tgt Ion: 53 Resp: 44631
Ion Ratio Lower Upper
53 100
52 82.3 64.9 97.3
51 36.3 29.7 44.5



#16
Acetone
Concen: 47.415 ug/l
RT: 3.717 min Scan# 378
Delta R.T. 0.012 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 43 Resp: 100541
Ion Ratio Lower Upper
43 100
58 30.3 25.0 37.6





#17

Carbon Disulfide

Concen: 10.602 ug/l

RT: 3.934 min Scan# 41

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

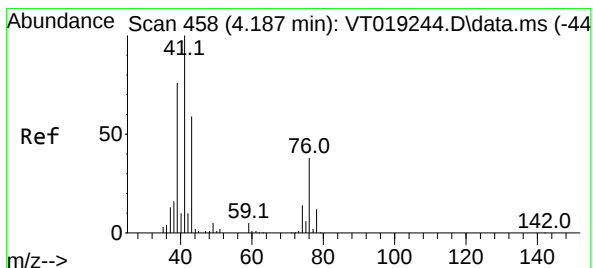
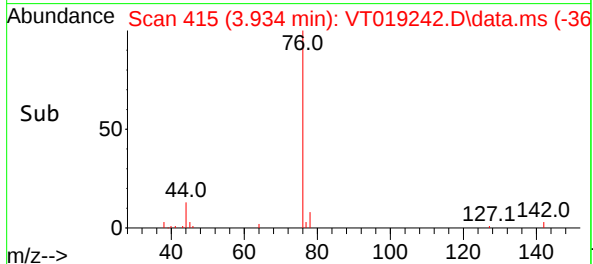
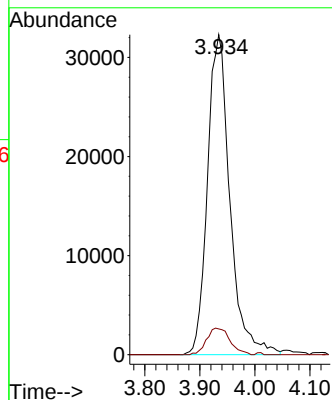
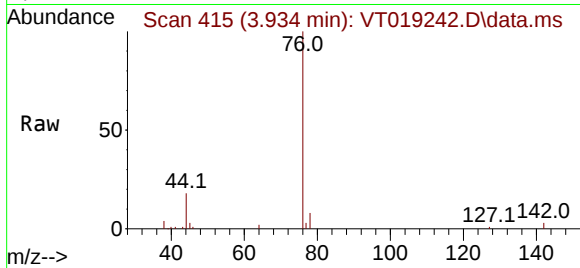
VSTDIC010

Tgt Ion: 76 Resp: 91323

Ion Ratio Lower Upper

76 100

78 8.0 8.0 12.0



#18

Methyl Acetate

Concen: 9.583 ug/l

RT: 4.187 min Scan# 458

Delta R.T. -0.000 min

Lab File: VT019242.D

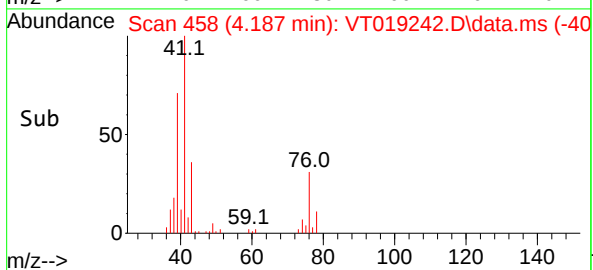
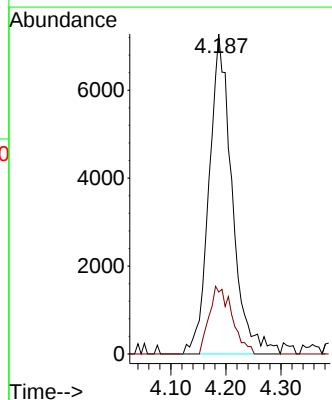
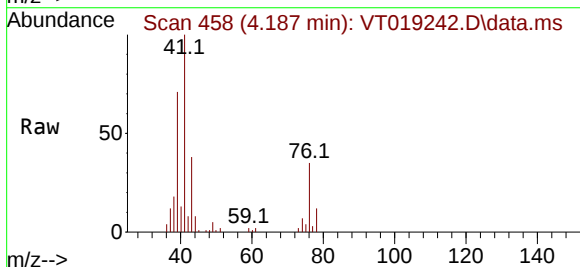
Acq: 8 Dec 2025 10:34

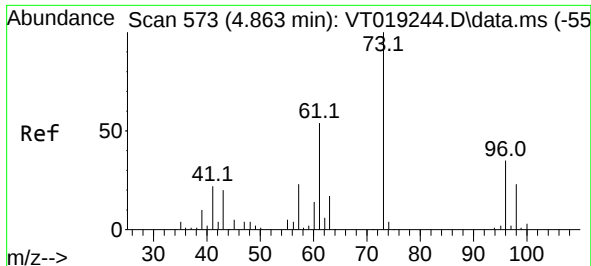
Tgt Ion: 43 Resp: 21169

Ion Ratio Lower Upper

43 100

74 20.9 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 11.641 ug/l

RT: 4.868 min Scan# 5

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

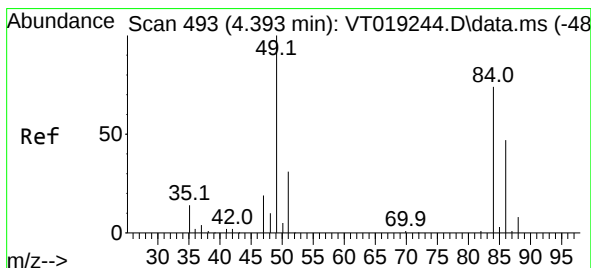
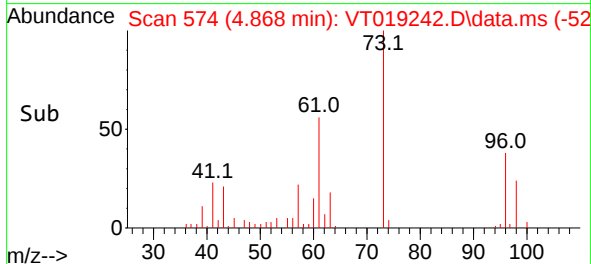
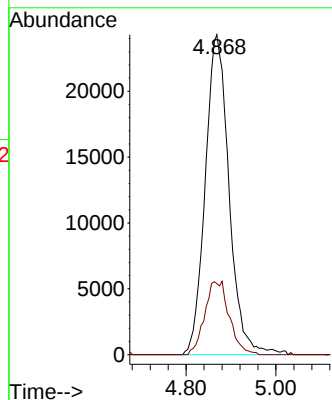
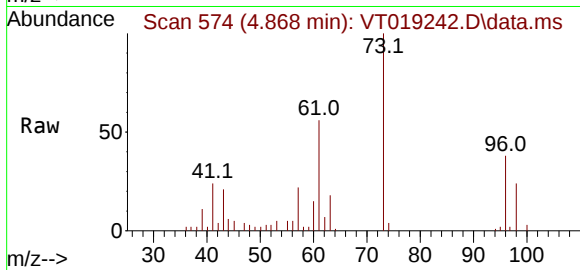
VSTDIC010

Tgt Ion: 73 Resp: 89352

Ion Ratio Lower Upper

73 100

57 22.2 18.6 27.8



#20

Methylene Chloride

Concen: 11.083 ug/l

RT: 4.393 min Scan# 493

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Tgt Ion: 84 Resp: 41843

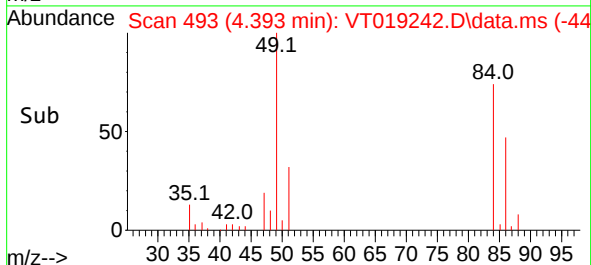
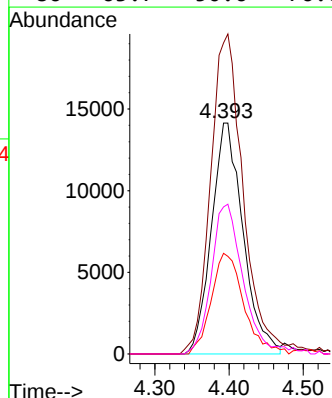
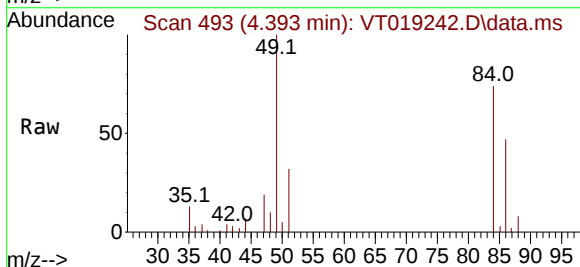
Ion Ratio Lower Upper

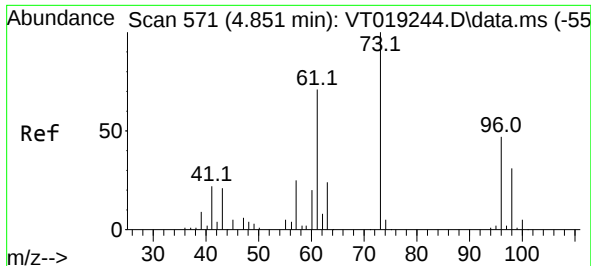
84 100

49 134.7 108.7 163.1

51 43.6 33.2 49.8

86 63.7 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 11.563 ug/l

RT: 4.863 min Scan# 571

Delta R.T. 0.012 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

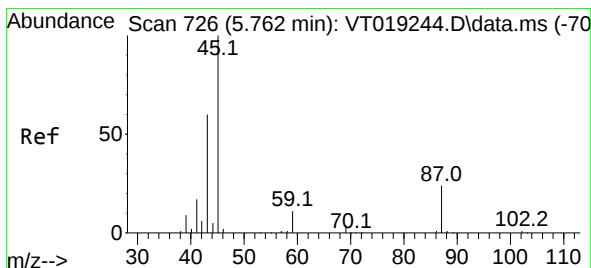
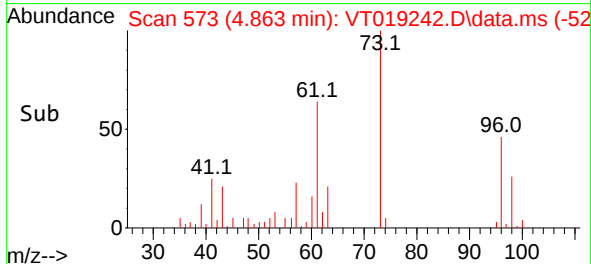
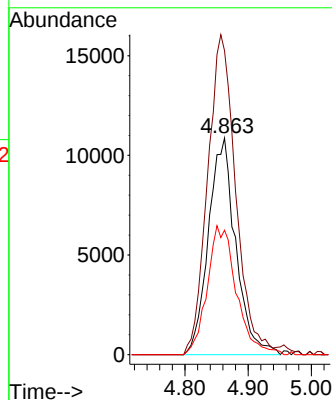
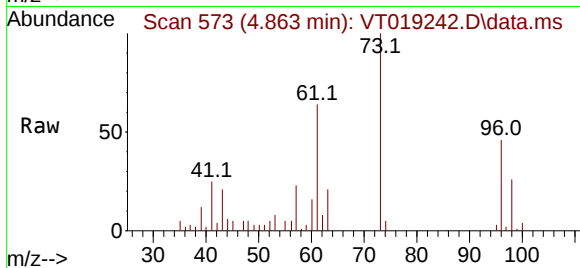
Tgt Ion: 96 Resp: 32625

Ion Ratio Lower Upper

96 100

61 140.3 120.9 181.3

98 57.5 51.8 77.8



#22

Diisopropyl ether

Concen: 10.421 ug/l

RT: 5.767 min Scan# 727

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Tgt Ion: 45 Resp: 101787

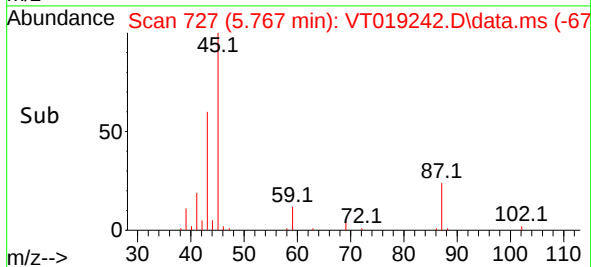
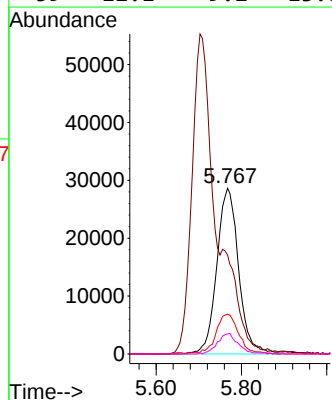
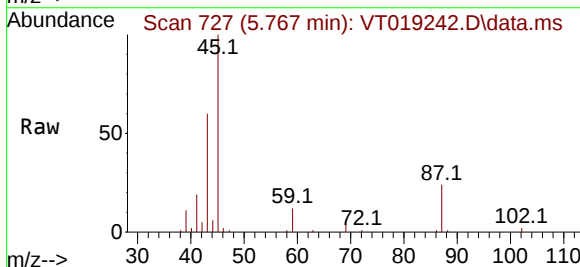
Ion Ratio Lower Upper

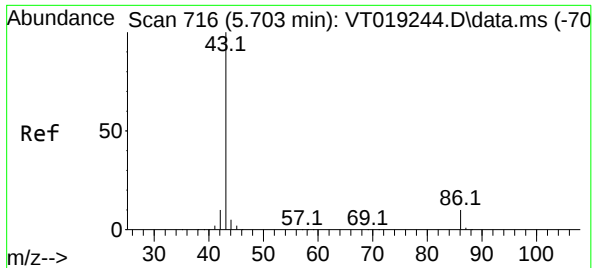
45 100

43 58.1 48.2 72.4

87 24.0 19.7 29.5

59 12.1 9.2 13.8

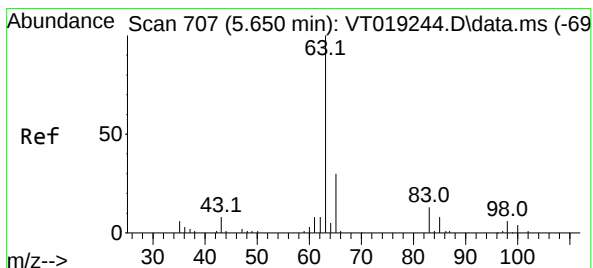
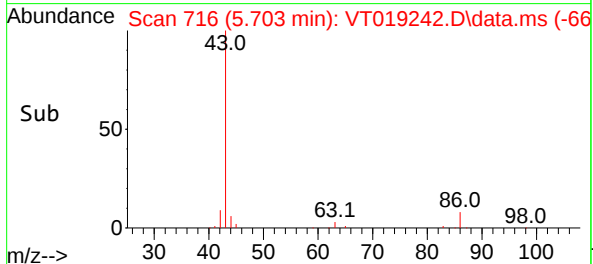
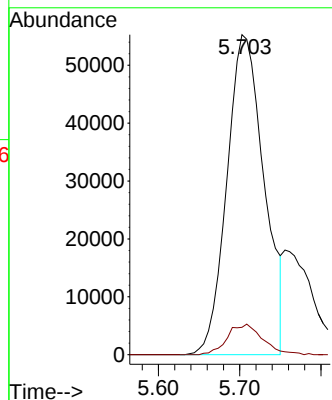
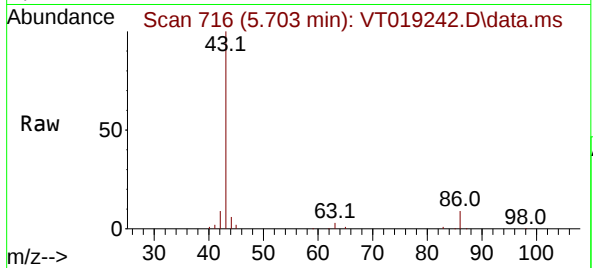




#23
 Vinyl Acetate
 Concen: 41.426 ug/l
 RT: 5.703 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

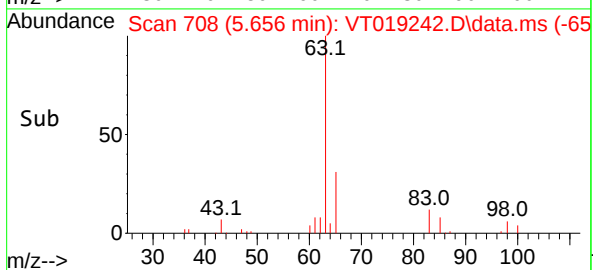
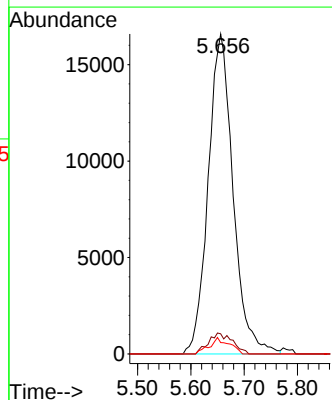
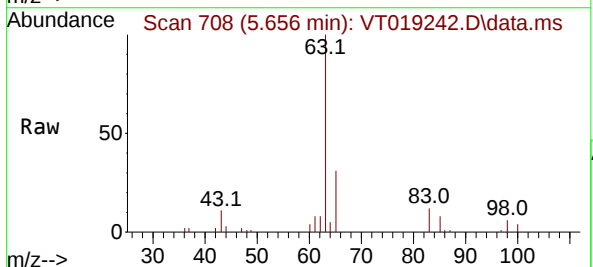
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

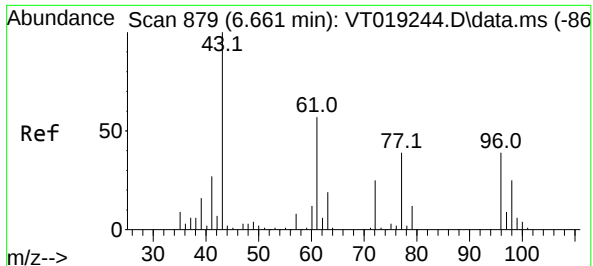
Tgt Ion: 43 Resp: 175817
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 10.566 ug/l
 RT: 5.656 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

Tgt Ion: 63 Resp: 53729
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.2 9.6
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 60.213 ug/l

RT: 6.666 min Scan# 879

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

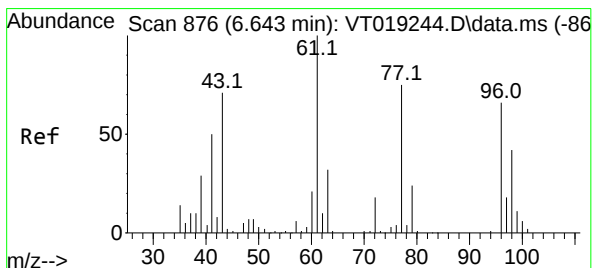
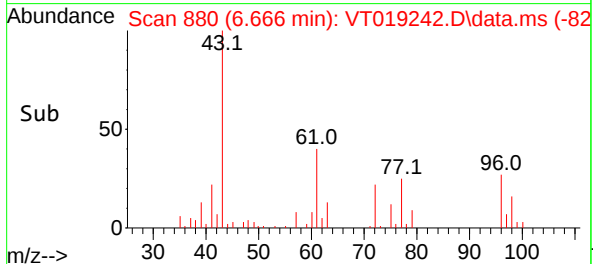
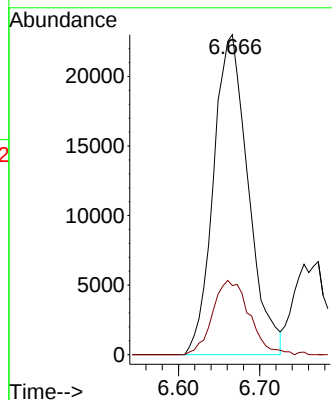
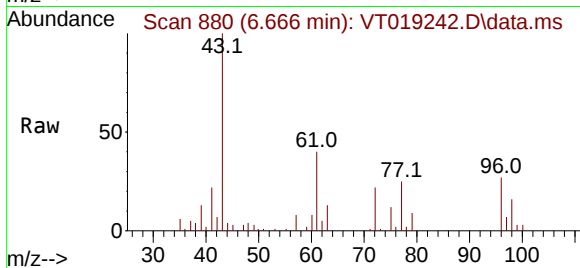
VSTDIC010

Tgt Ion: 43 Resp: 68333

Ion Ratio Lower Upper

43 100

72 21.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 9.980 ug/l

RT: 6.643 min Scan# 876

Delta R.T. -0.000 min

Lab File: VT019242.D

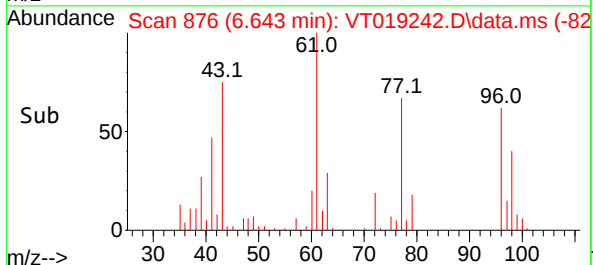
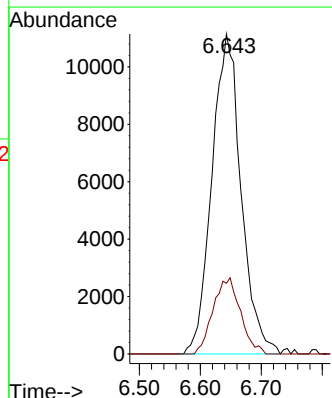
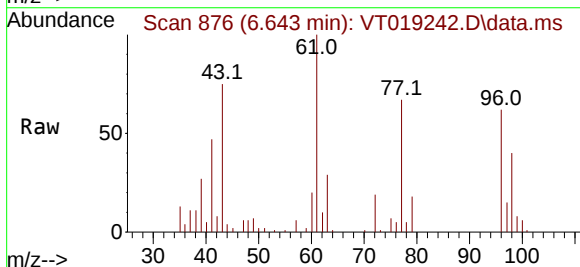
Acq: 8 Dec 2025 10:34

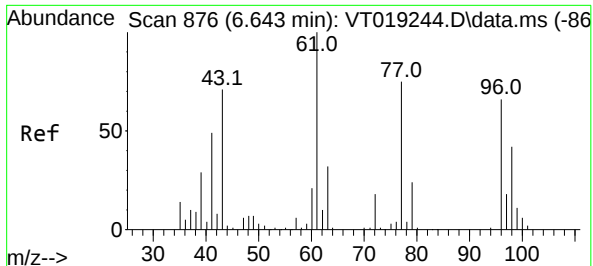
Tgt Ion: 77 Resp: 37084

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8

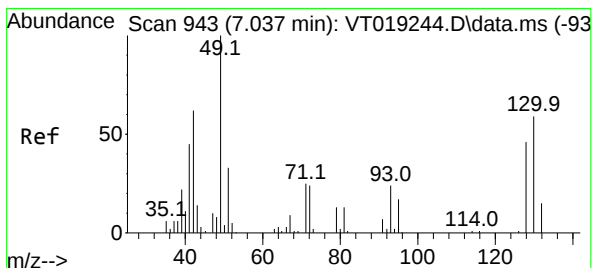
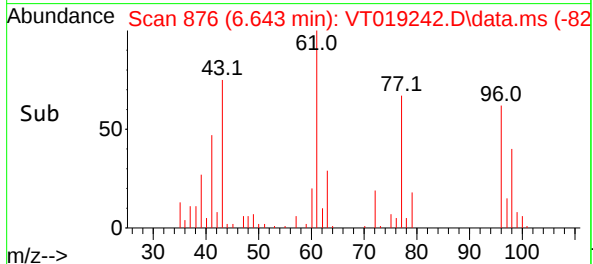
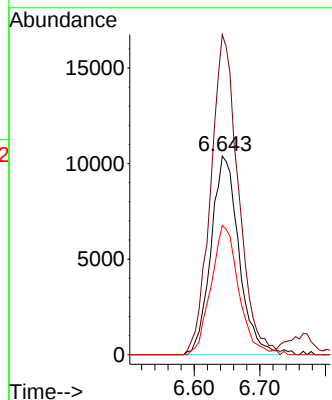
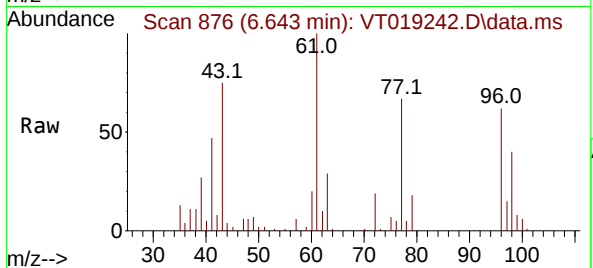




#27
cis-1,2-Dichloroethene
Concen: 10.410 ug/l
RT: 6.643 min Scan# 81
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

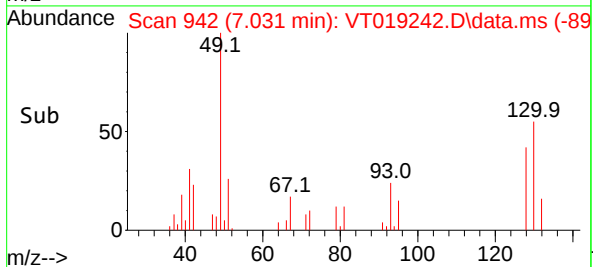
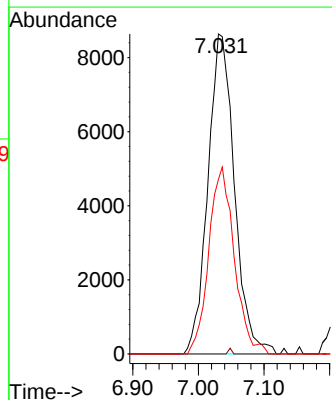
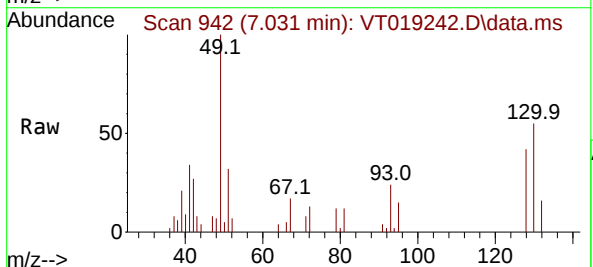
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

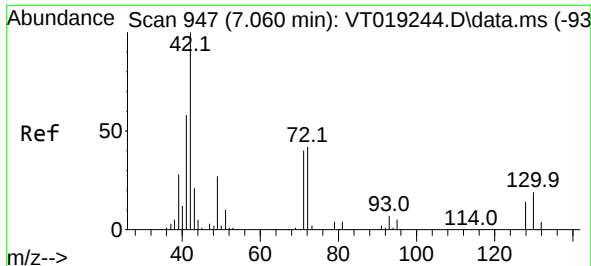
Tgt Ion: 96 Resp: 30680
Ion Ratio Lower Upper
96 100
61 159.8 0.0 305.8
98 64.6 0.0 128.2



#28
Bromochloromethane
Concen: 10.733 ug/l
RT: 7.031 min Scan# 942
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 49 Resp: 24243
Ion Ratio Lower Upper
49 100
129 0.2 0.0 0.4
130 56.2 48.2 72.4





#29

Tetrahydrofuran

Concen: 54.860 ug/l

RT: 7.060 min Scan# 947

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

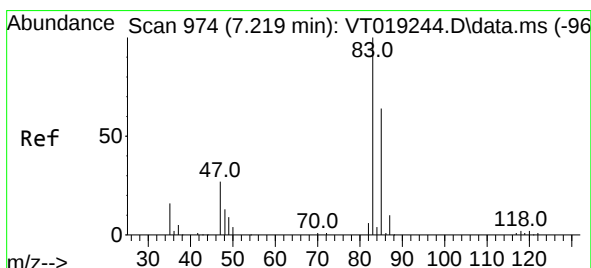
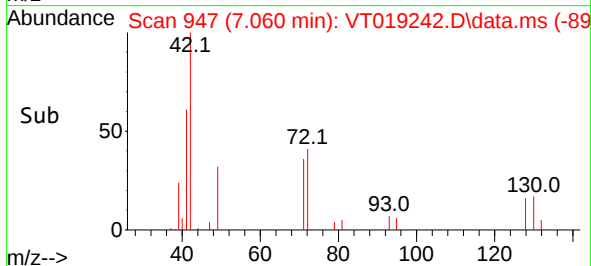
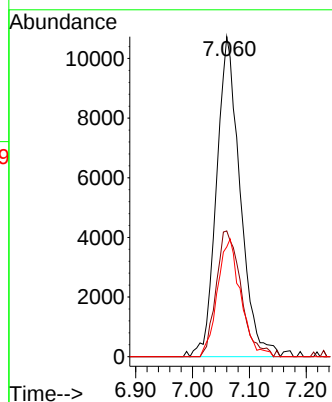
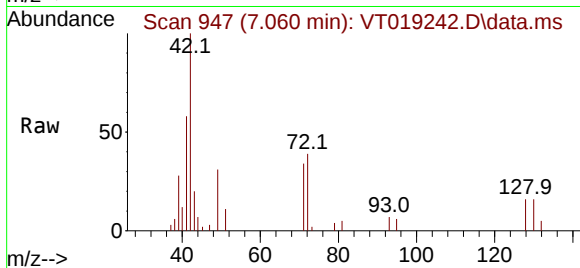
Tgt Ion: 42 Resp: 30956

Ion Ratio Lower Upper

42 100

72 41.2 33.0 49.6

71 36.3 30.6 46.0



#30

Chloroform

Concen: 10.916 ug/l

RT: 7.225 min Scan# 975

Delta R.T. 0.006 min

Lab File: VT019242.D

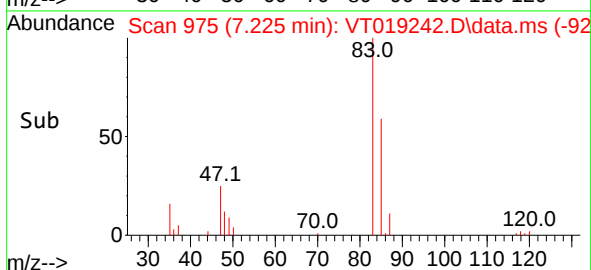
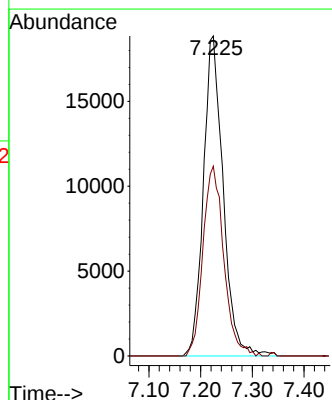
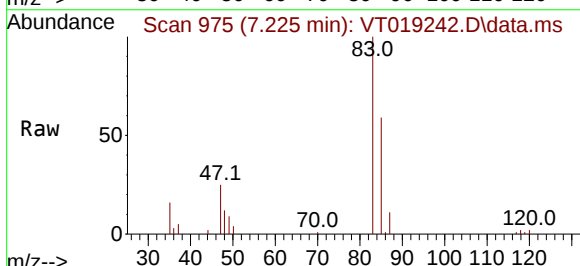
Acq: 8 Dec 2025 10:34

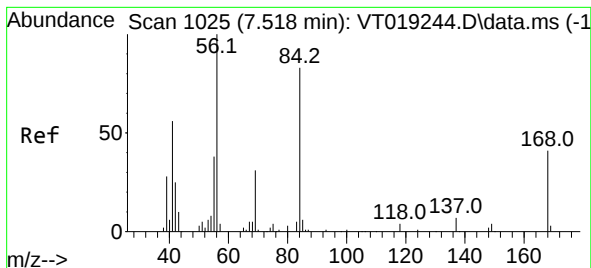
Tgt Ion: 83 Resp: 49930

Ion Ratio Lower Upper

83 100

85 59.3 51.2 76.8





#31

Cyclohexane

Concen: 10.850 ug/l

RT: 7.524 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

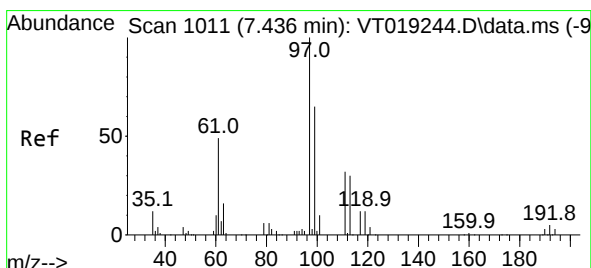
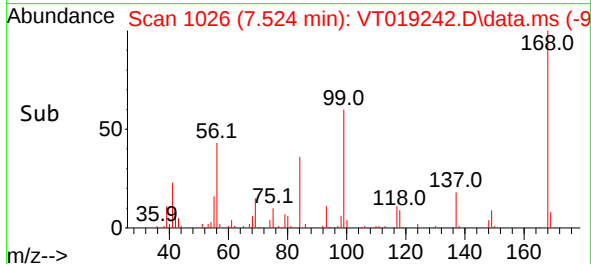
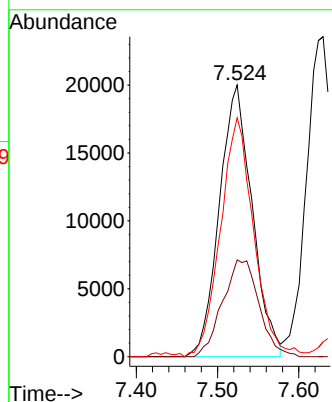
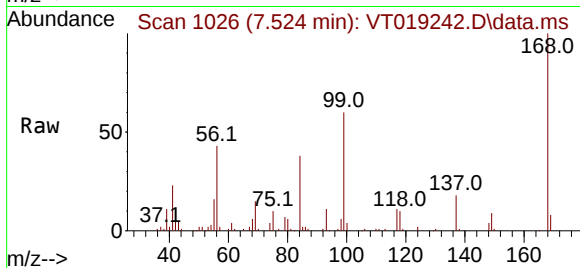
Tgt Ion: 56 Resp: 56042

Ion Ratio Lower Upper

56 100

69 35.6 25.1 37.7

84 86.7 66.3 99.5



#32

1,1,1-Trichloroethane

Concen: 10.382 ug/l

RT: 7.430 min Scan# 1010

Delta R.T. -0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

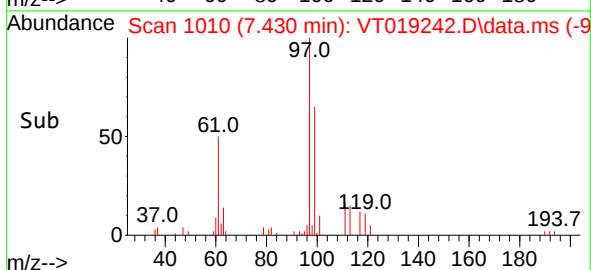
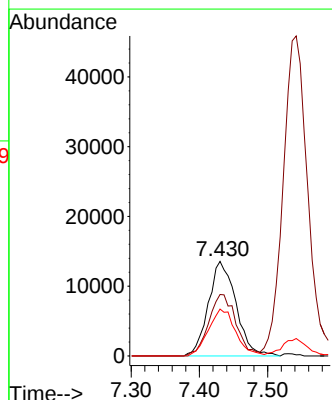
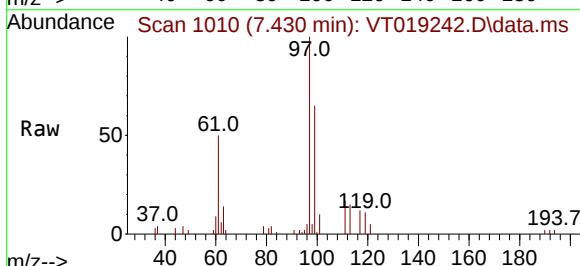
Tgt Ion: 97 Resp: 38165

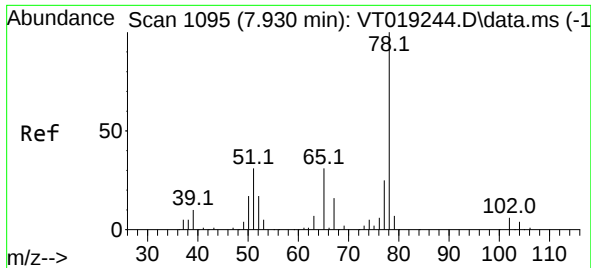
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 48.7 38.4 57.6

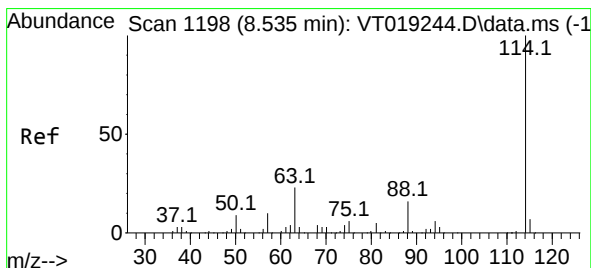
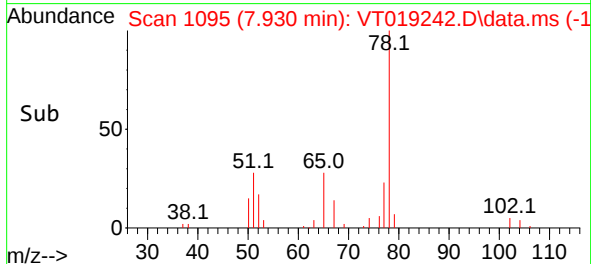
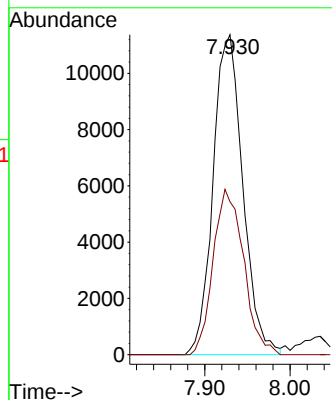
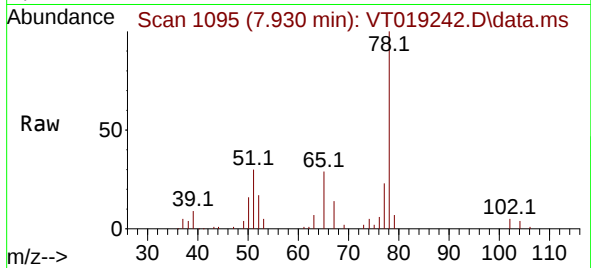




#33
 1,2-Dichloroethane-d4
 Concen: 10.709 ug/l
 RT: 7.930 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

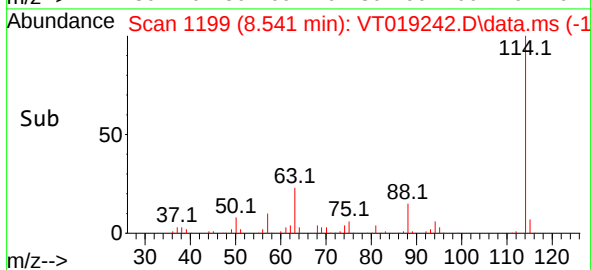
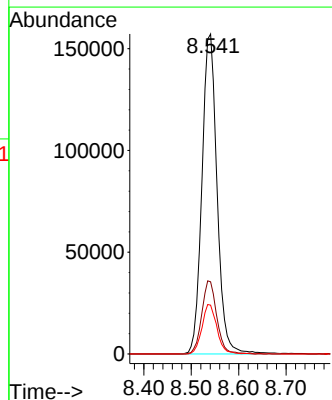
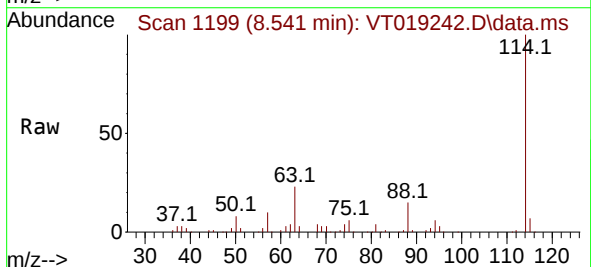
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

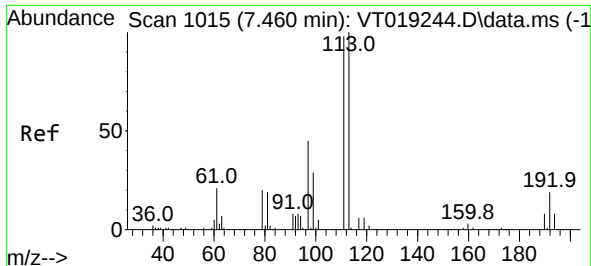
Tgt Ion: 65 Resp: 27593
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.541 min Scan# 1199
 Delta R.T. 0.006 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

Tgt Ion: 114 Resp: 348151
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 15.3 0.0 31.4

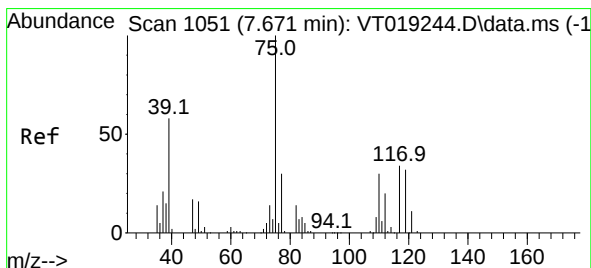
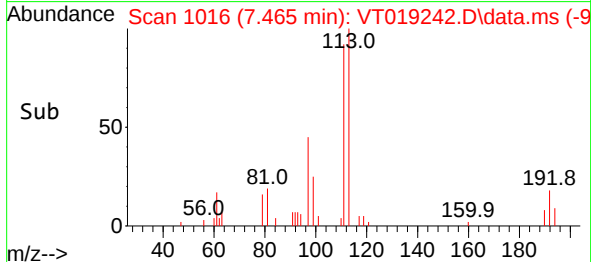
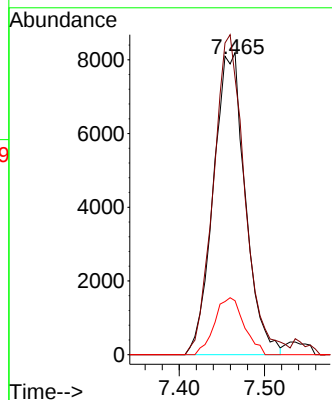
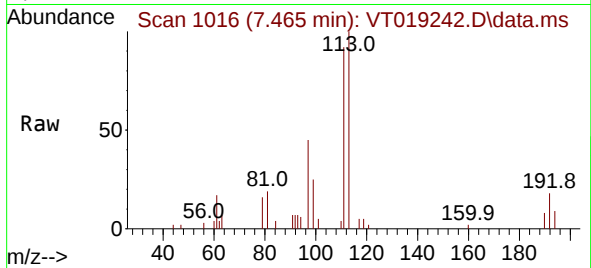




#35
 Dibromofluoromethane
 Concen: 10.411 ug/l
 RT: 7.465 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

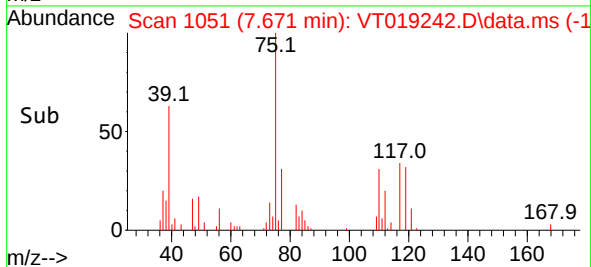
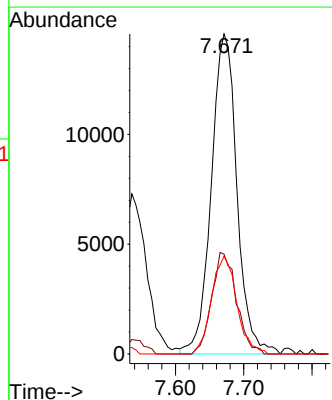
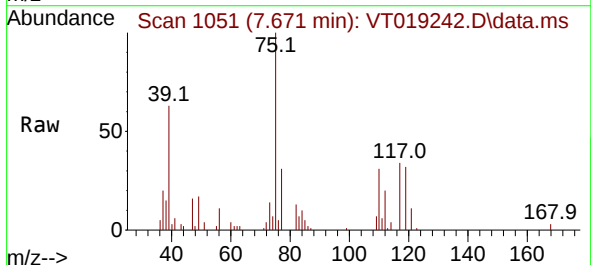
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

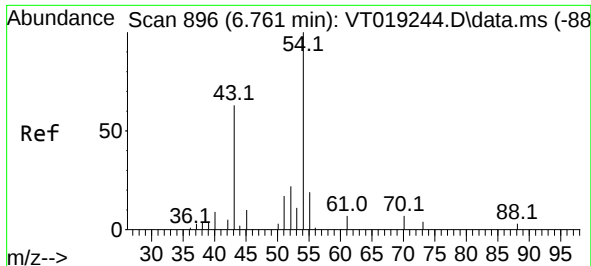
Tgt Ion: 113 Resp: 21343
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.7 124.1
 192 17.4 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 10.577 ug/l
 RT: 7.671 min Scan# 1051
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

Tgt Ion: 75 Resp: 38125
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.1 48.3
 77 30.1 24.4 36.6

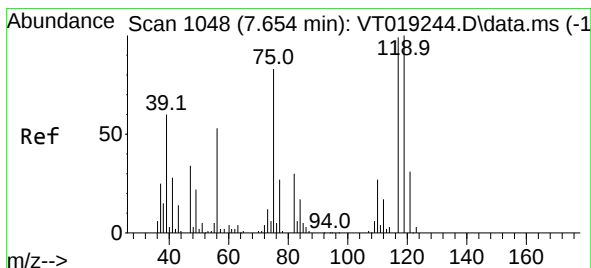
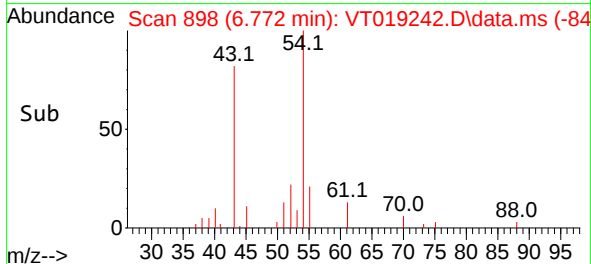
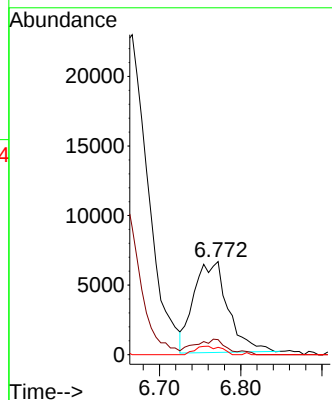
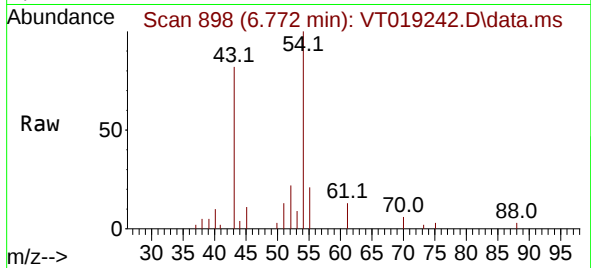




#37
Ethyl Acetate
Concen: 10.391 ug/l
RT: 6.772 min Scan# 896
Delta R.T. 0.012 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

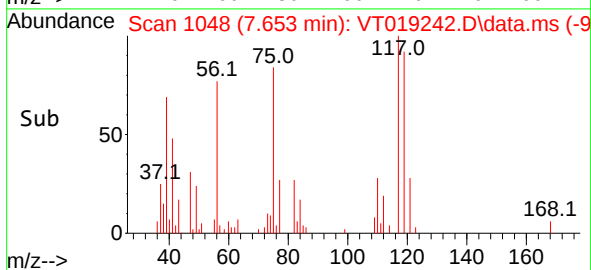
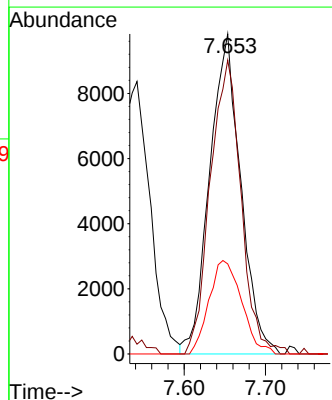
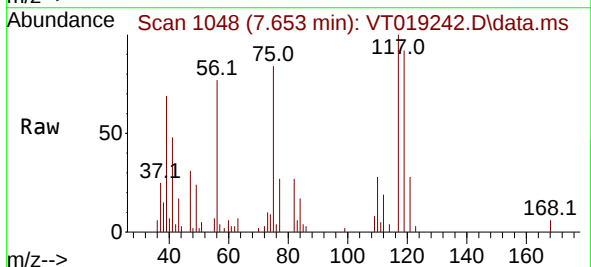
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

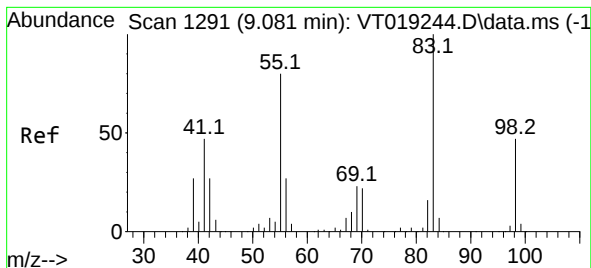
Tgt Ion: 43 Resp: 19187
Ion Ratio Lower Upper
43 100
61 11.4 11.7 17.5#
70 7.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 9.920 ug/l
RT: 7.653 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 117 Resp: 26090
Ion Ratio Lower Upper
117 100
119 91.8 80.1 120.1
121 28.2 25.1 37.7





#39

Methylcyclohexane

Concen: 10.610 ug/l

RT: 9.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC010

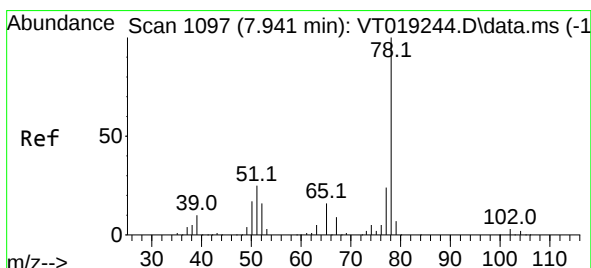
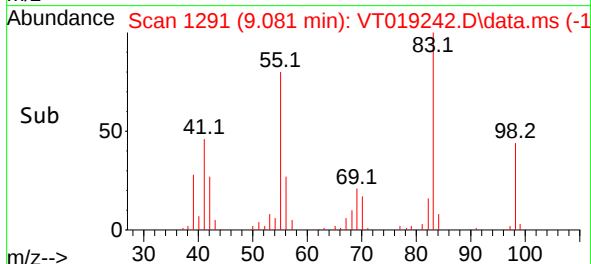
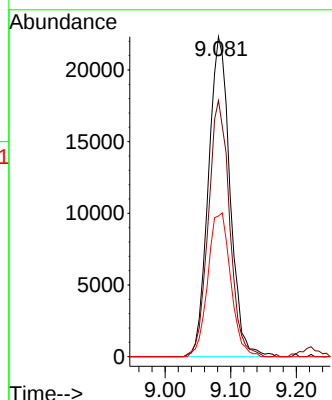
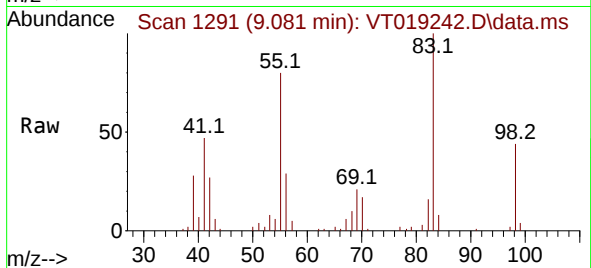
Tgt Ion: 83 Resp: 51144

Ion Ratio Lower Upper

83 100

55 80.0 64.2 96.4

98 44.0 37.2 55.8



#40

Benzene

Concen: 10.461 ug/l

RT: 7.935 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VT019242.D

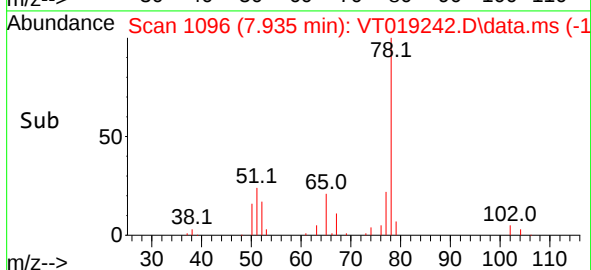
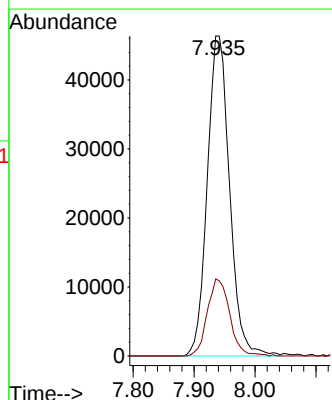
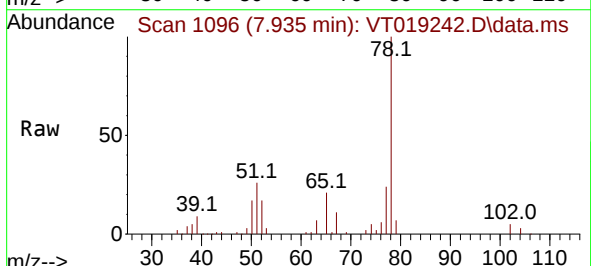
Acq: 8 Dec 2025 10:34

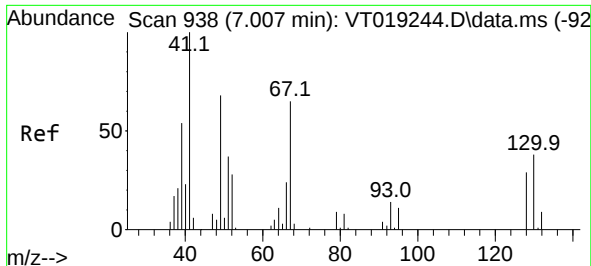
Tgt Ion: 78 Resp: 117898

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.2

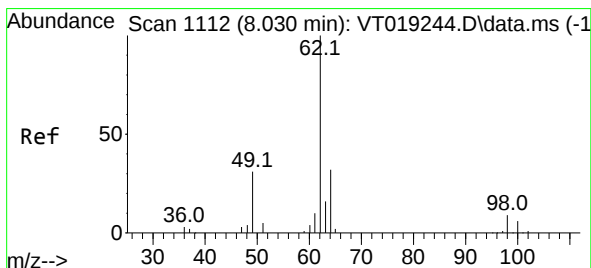
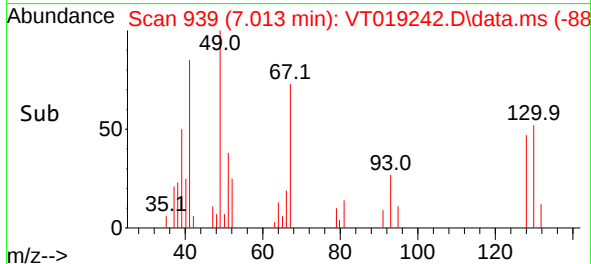
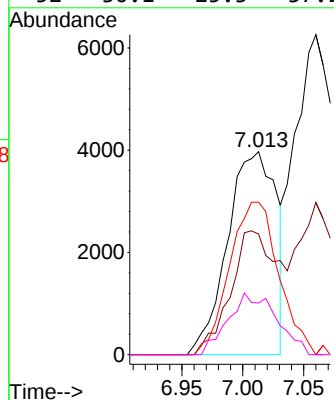
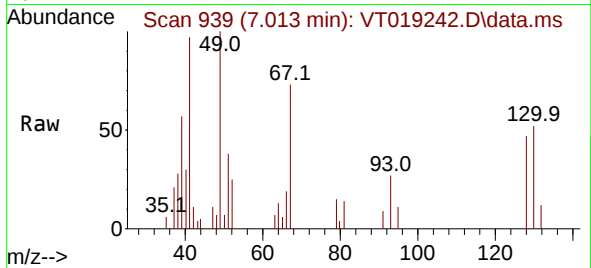




#41
Methacrylonitrile
Concen: 10.923 ug/l
RT: 7.013 min Scan# 911
Delta R.T. 0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

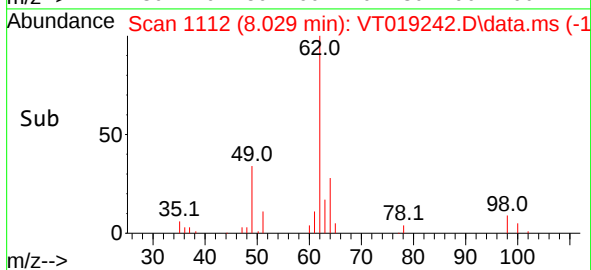
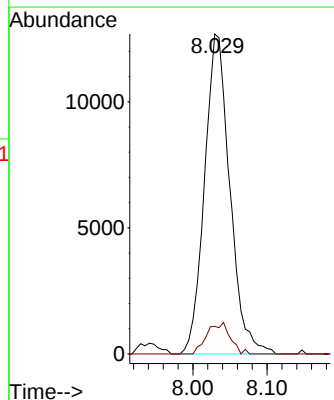
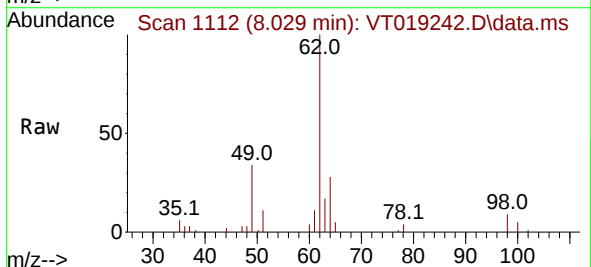
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

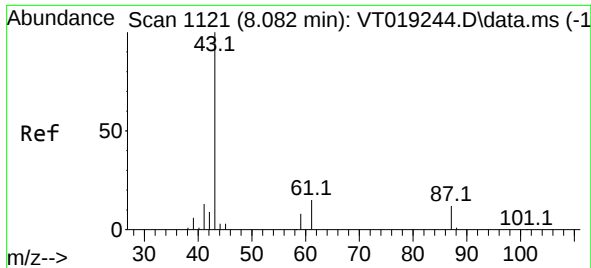
Tgt Ion: 41 Resp: 11063
Ion Ratio Lower Upper
41 100
39 60.8 47.5 71.3
67 76.3 61.2 91.8
52 30.1 25.3 37.9



#42
1,2-Dichloroethane
Concen: 10.418 ug/l
RT: 8.029 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 62 Resp: 30085
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.0

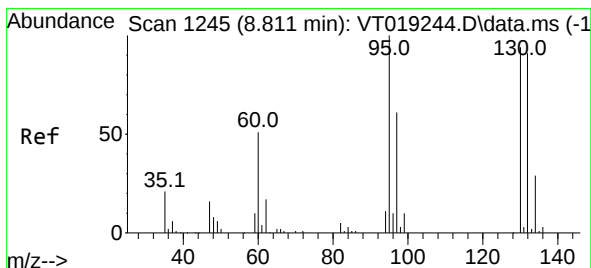
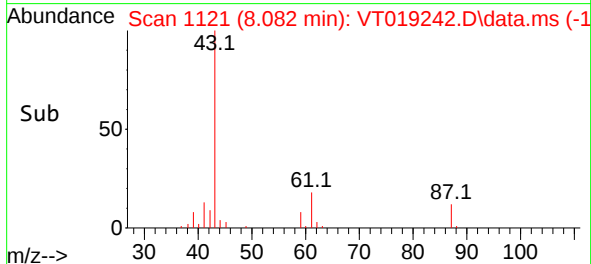
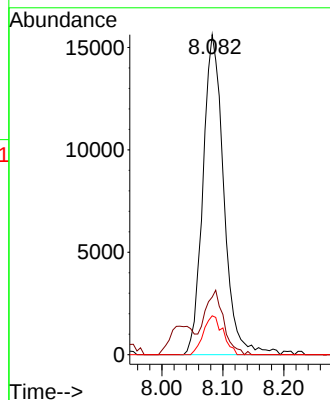
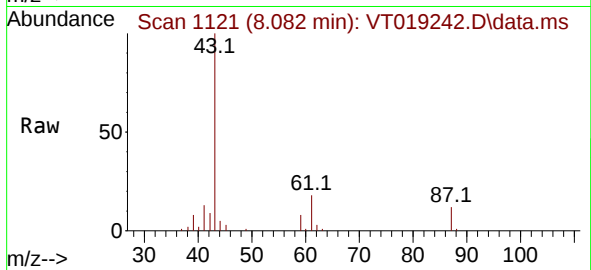




#43
Isopropyl Acetate
Concen: 10.757 ug/l
RT: 8.082 min Scan# 1121
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

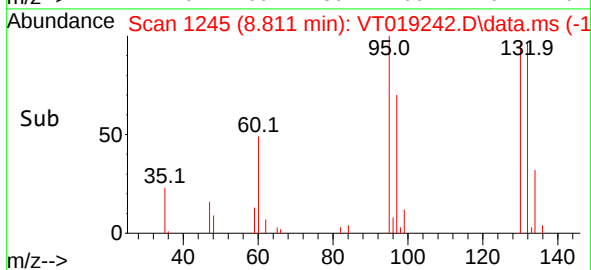
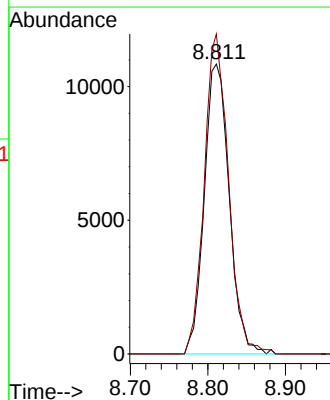
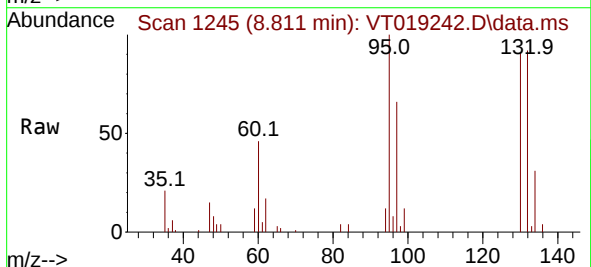
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

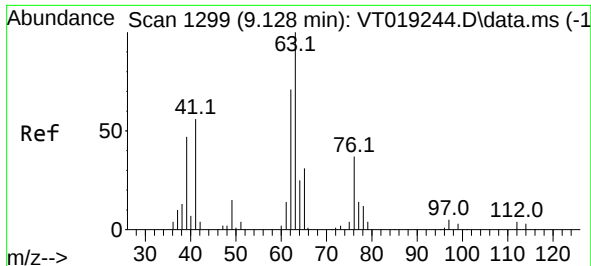
Tgt Ion: 43 Resp: 37152
Ion Ratio Lower Upper
43 100
61 18.1 15.9 23.9
87 11.4 9.8 14.6



#44
Trichloroethene
Concen: 10.245 ug/l
RT: 8.811 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:130 Resp: 24279
Ion Ratio Lower Upper
130 100
95 110.4 0.0 212.2





#45

1,2-Dichloropropane

Concen: 10.440 ug/l

RT: 9.128 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

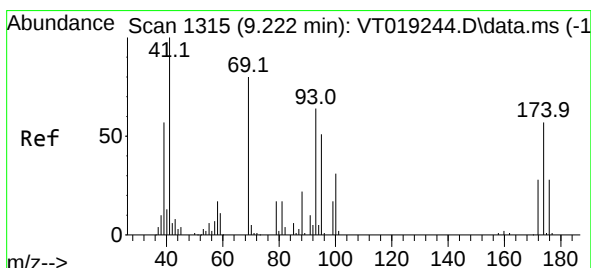
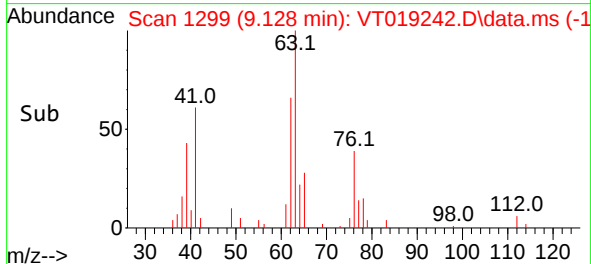
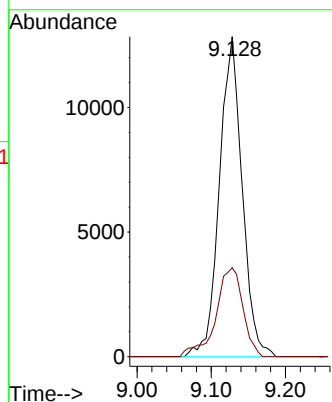
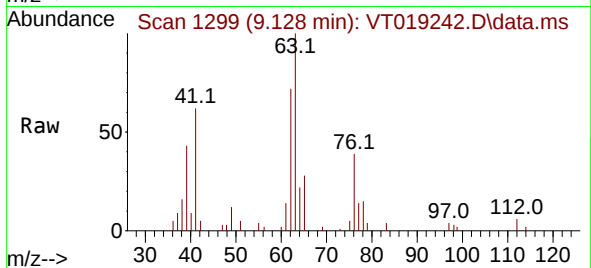
VSTDIC010

Tgt Ion: 63 Resp: 27386

Ion Ratio Lower Upper

63 100

65 27.8 24.6 37.0



#46

Dibromomethane

Concen: 10.398 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

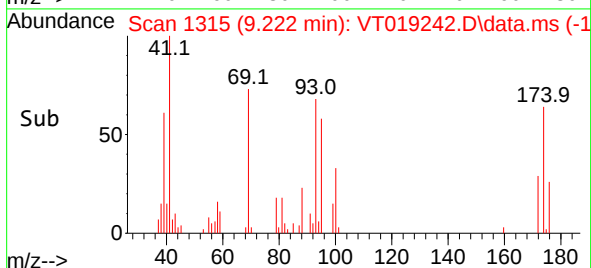
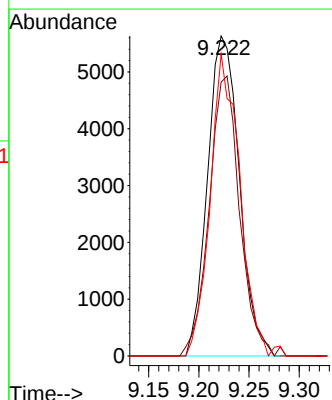
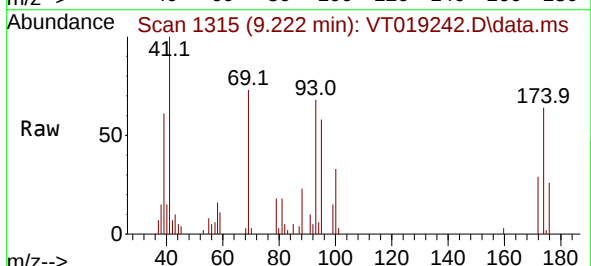
Tgt Ion: 93 Resp: 12410

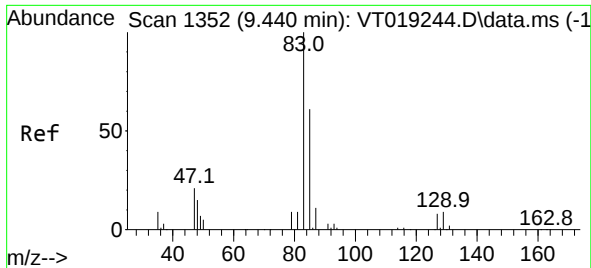
Ion Ratio Lower Upper

93 100

95 84.2 66.6 99.8

174 88.1 70.6 105.8

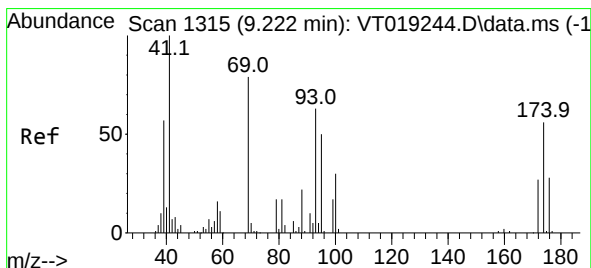
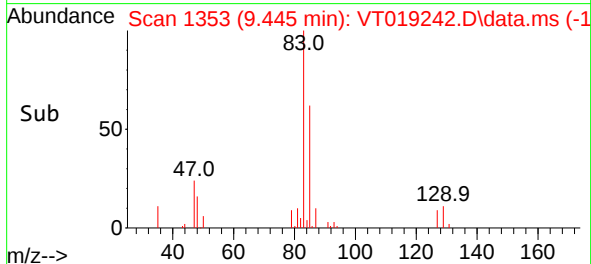
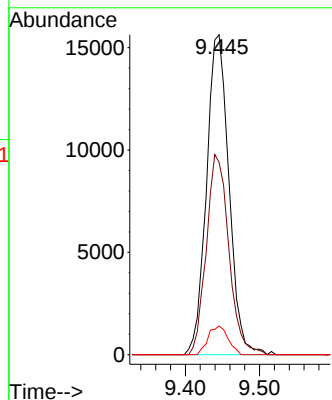
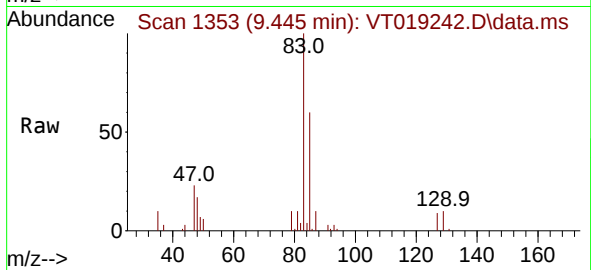




#47
Bromodichloromethane
Concen: 10.213 ug/l
RT: 9.445 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

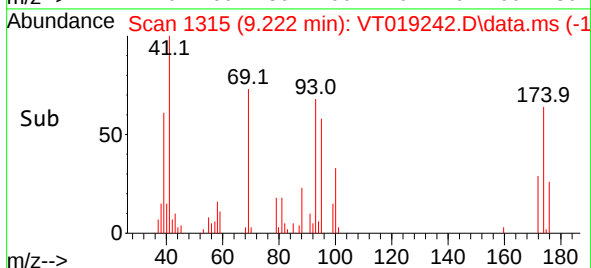
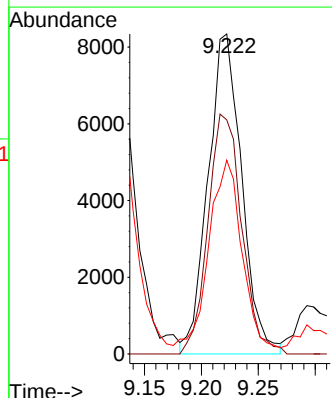
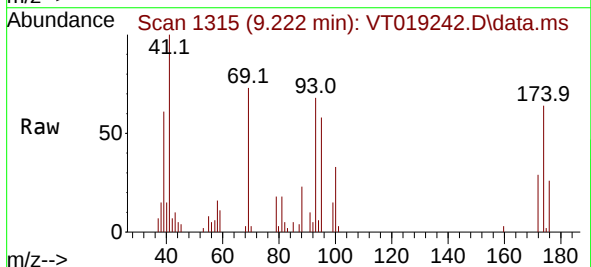
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

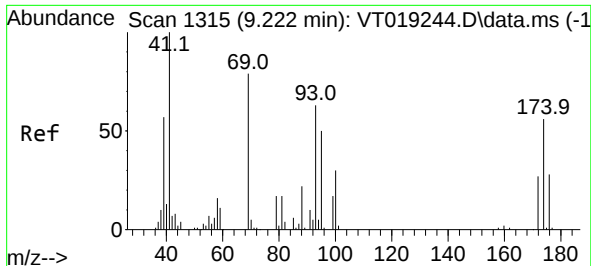
Tgt Ion: 83 Resp: 32849
Ion Ratio Lower Upper
83 100
85 60.1 48.6 73.0
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 10.418 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 41 Resp: 17168
Ion Ratio Lower Upper
41 100
69 75.1 63.2 94.8
39 61.2 47.9 71.9





#49

1,4-Dioxane

Concen: 202.289 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

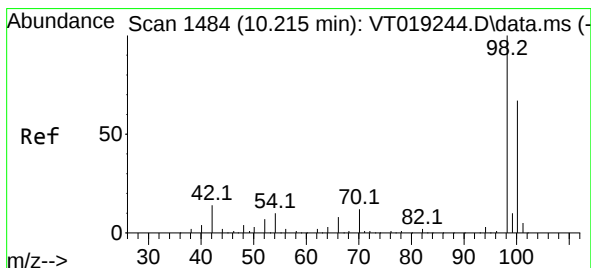
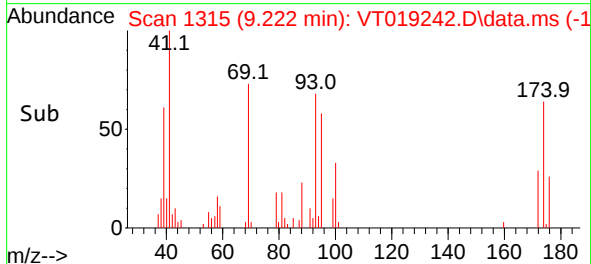
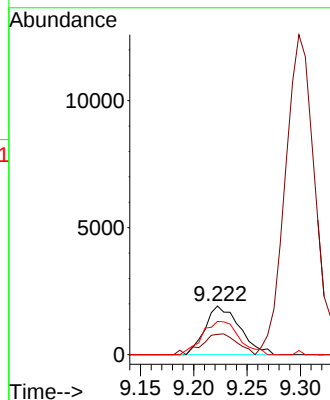
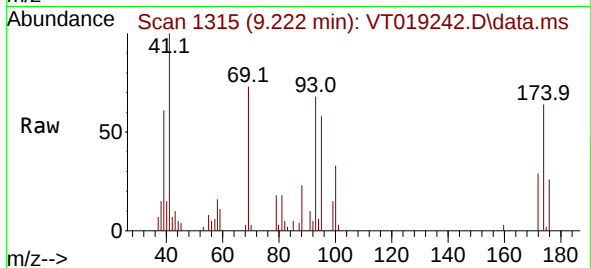
Tgt Ion: 88 Resp: 4316

Ion Ratio Lower Upper

88 100

43 43.6 31.4 47.0

58 72.8 58.6 87.8



#50

Toluene-d8

Concen: 10.645 ug/l

RT: 10.215 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VT019242.D

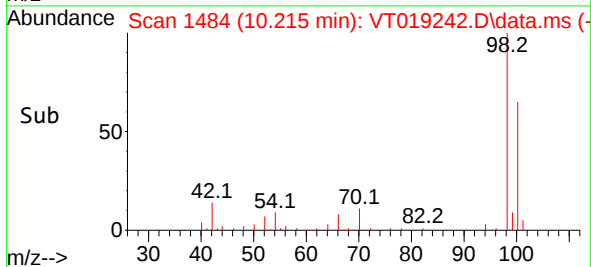
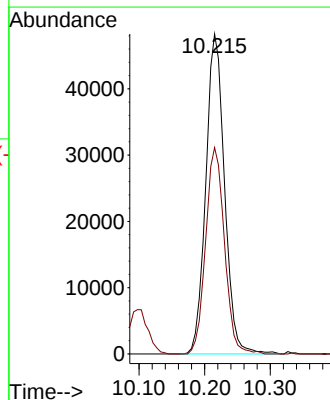
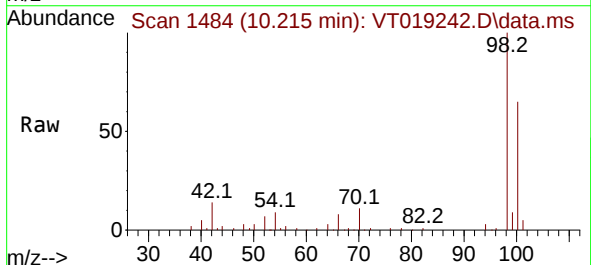
Acq: 8 Dec 2025 10:34

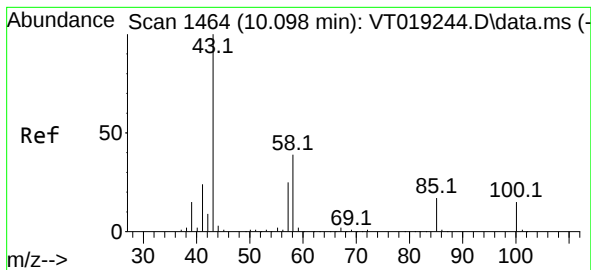
Tgt Ion: 98 Resp: 95863

Ion Ratio Lower Upper

98 100

100 64.7 52.8 79.2

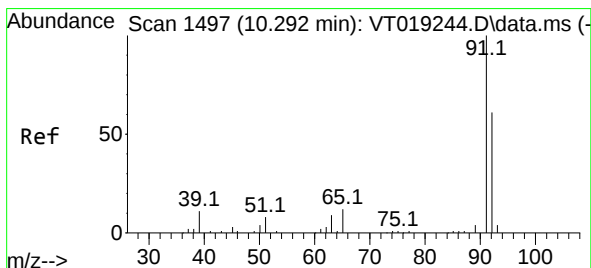
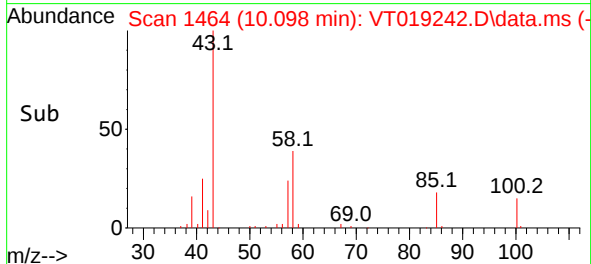
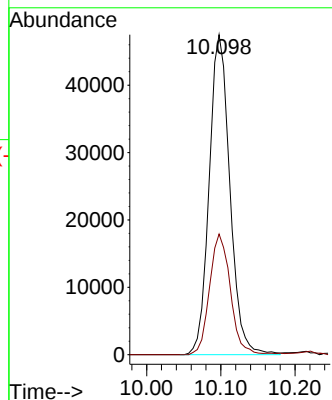
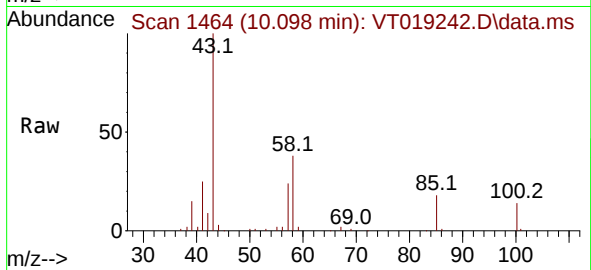




#51
4-Methyl-2-Pentanone
Concen: 54.108 ug/l
RT: 10.098 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

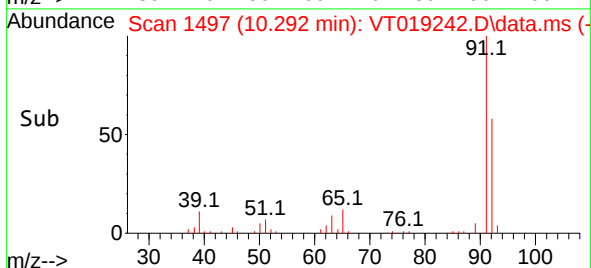
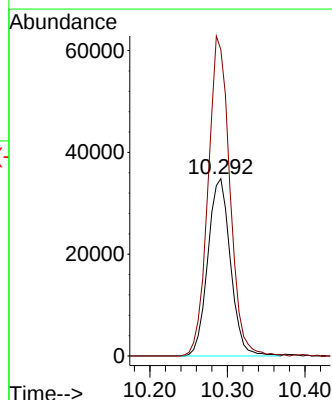
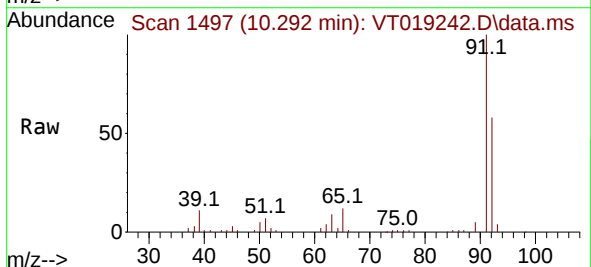
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

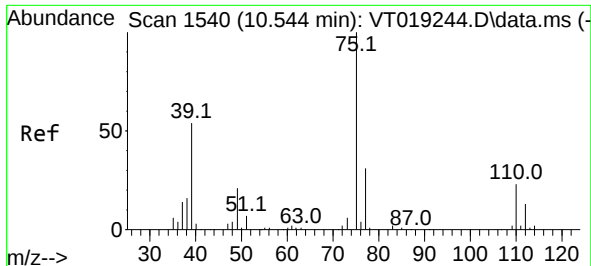
Tgt Ion: 43 Resp: 92134
Ion Ratio Lower Upper
43 100
58 38.0 31.5 47.3



#52
Toluene
Concen: 10.443 ug/l
RT: 10.292 min Scan# 1497
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 92 Resp: 70678
Ion Ratio Lower Upper
92 100
91 174.1 135.7 203.5

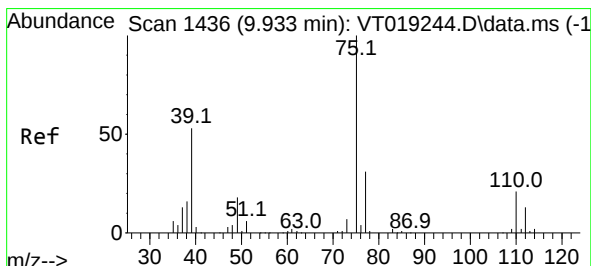
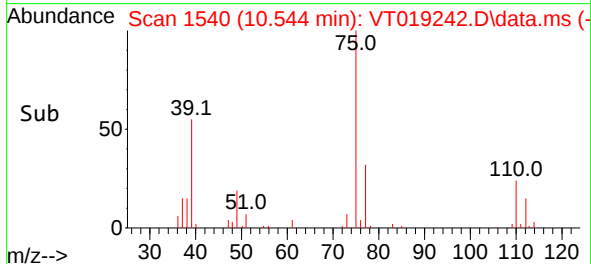
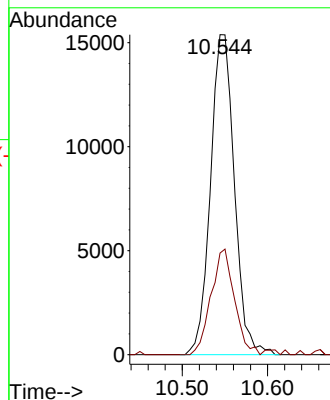
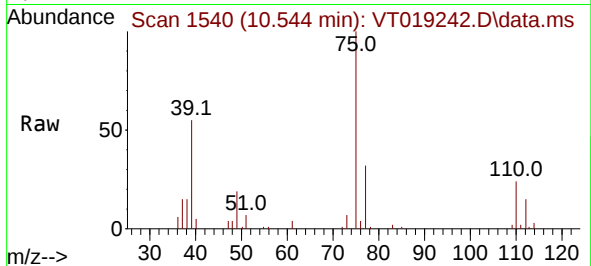




#53
t-1,3-Dichloropropene
Concen: 10.292 ug/l
RT: 10.544 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

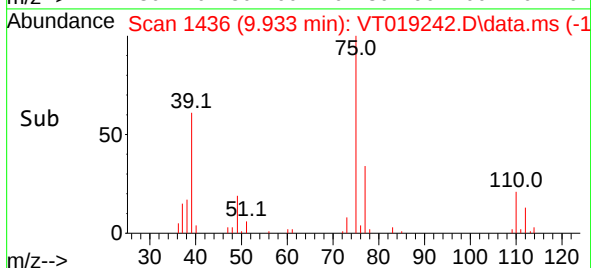
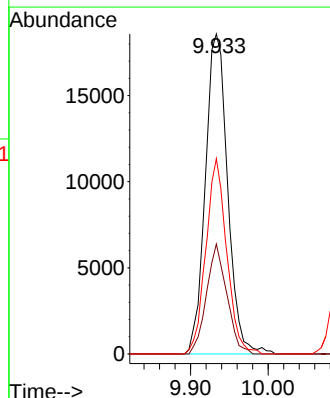
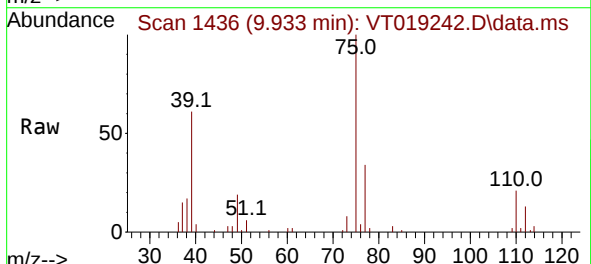
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

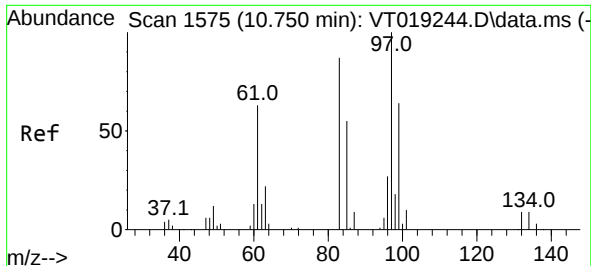
Tgt Ion: 75 Resp: 30013
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 10.081 ug/l
RT: 9.933 min Scan# 1436
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 75 Resp: 37191
Ion Ratio Lower Upper
75 100
77 34.4 24.5 36.7
39 61.0 42.1 63.1





#55

1,1,2-Trichloroethane

Concen: 10.557 ug/l

RT: 10.756 min Scan# 1575

Delta R.T. 0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 18033

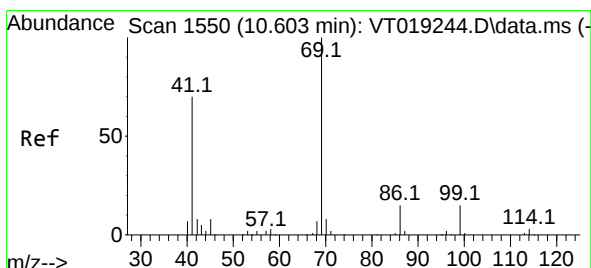
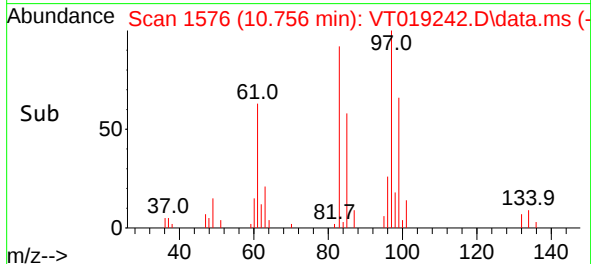
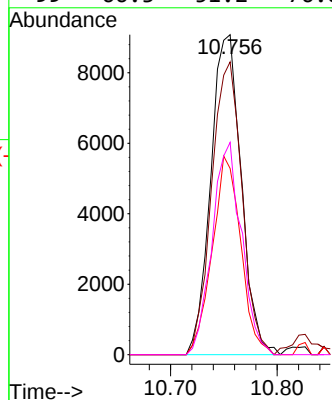
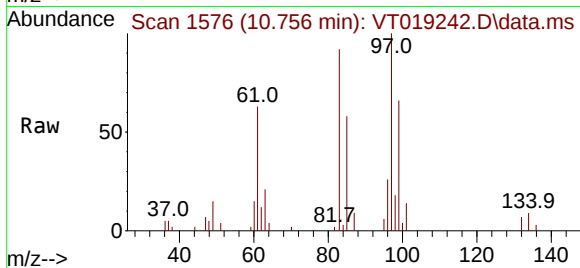
Ion Ratio Lower Upper

97 100

83 91.5 69.5 104.3

85 58.2 44.2 66.2

99 66.3 51.2 76.8



#56

Ethyl methacrylate

Concen: 10.463 ug/l

RT: 10.603 min Scan# 1550

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

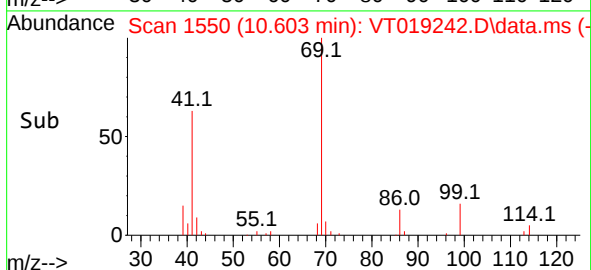
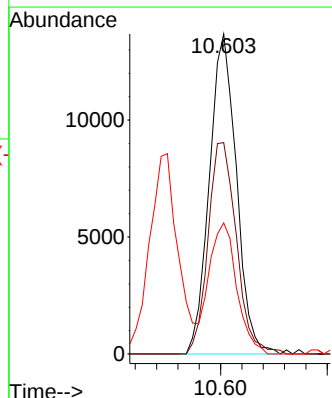
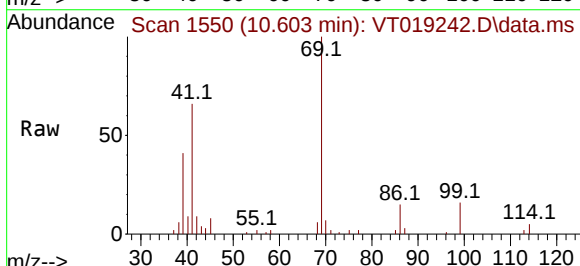
Tgt Ion: 69 Resp: 24087

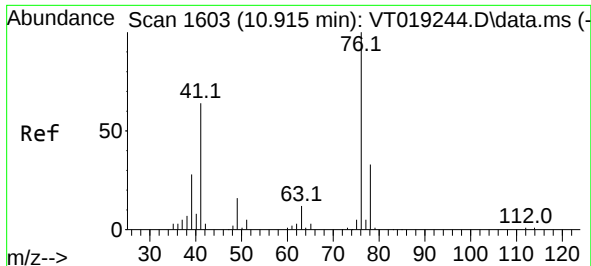
Ion Ratio Lower Upper

69 100

41 69.3 56.5 84.7

39 41.4 34.4 51.6

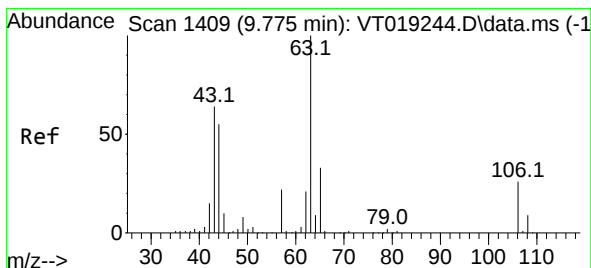
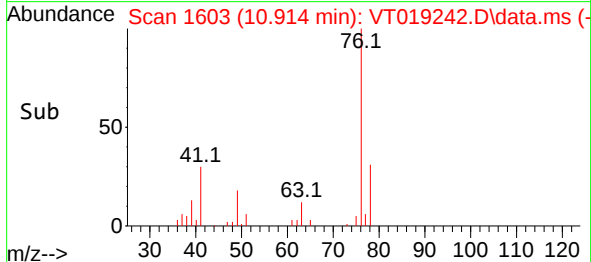
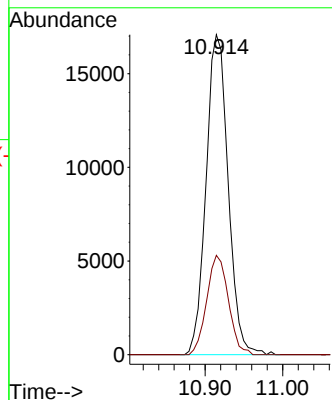
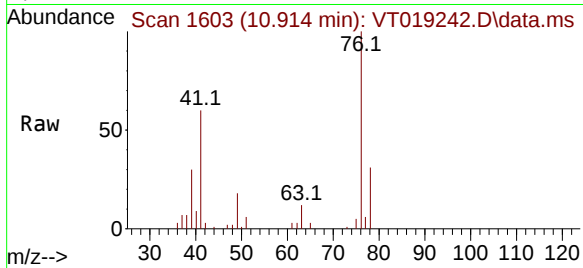




#57
1,3-Dichloropropane
Concen: 10.696 ug/l
RT: 10.914 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

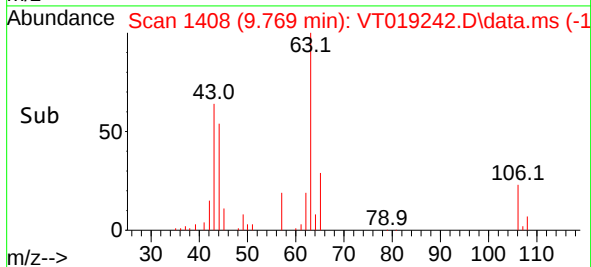
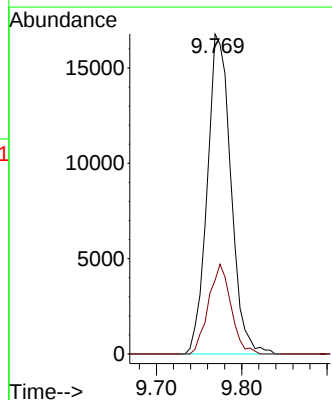
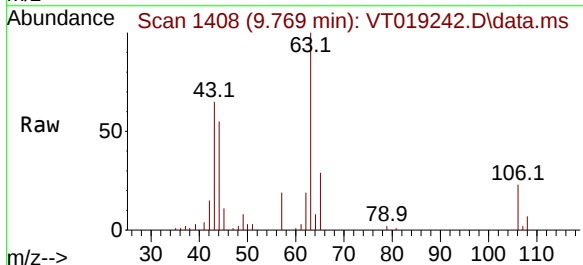
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

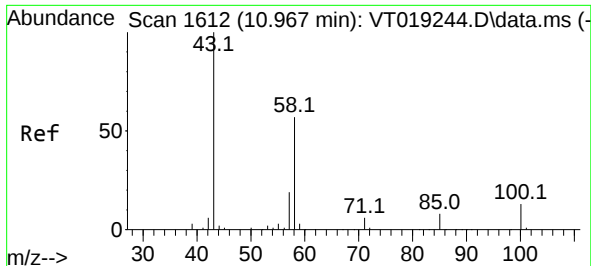
Tgt Ion: 76 Resp: 33787
Ion Ratio Lower Upper
76 100
78 30.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 8.662 ug/l
RT: 9.769 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 63 Resp: 32327
Ion Ratio Lower Upper
63 100
106 26.7 21.2 31.8





#59

2-Hexanone

Concen: 58.869 ug/l

RT: 10.967 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

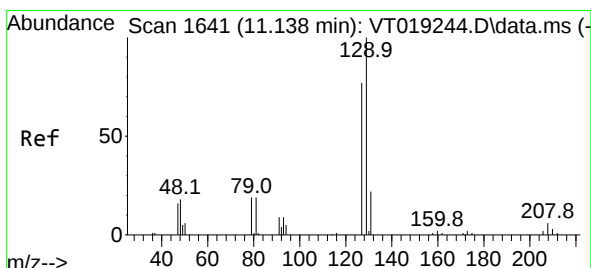
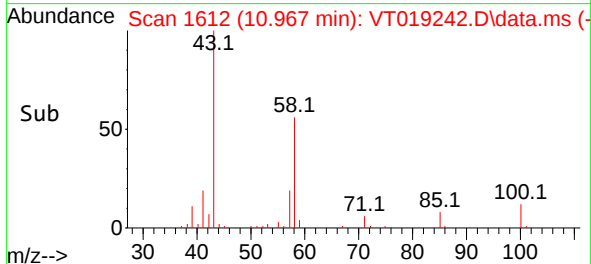
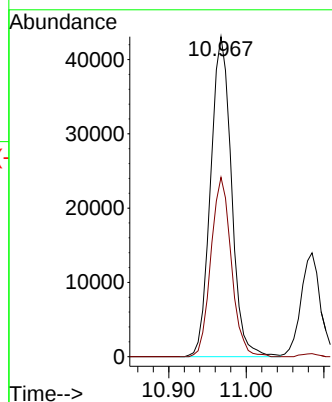
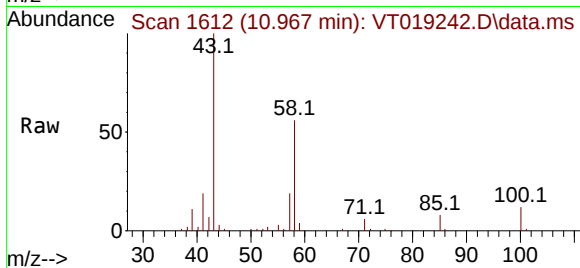
VSTDIC010

Tgt Ion: 43 Resp: 80559

Ion Ratio Lower Upper

43 100

58 54.7 27.4 82.0



#60

Dibromochloromethane

Concen: 10.423 ug/l

RT: 11.138 min Scan# 1641

Delta R.T. -0.000 min

Lab File: VT019242.D

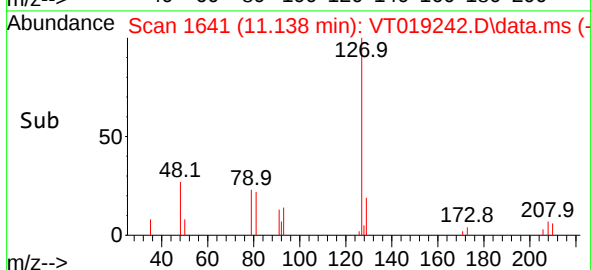
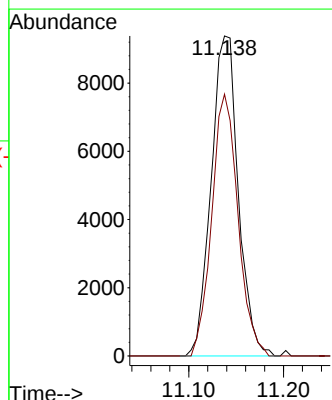
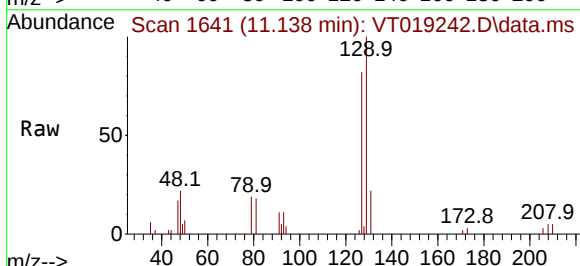
Acq: 8 Dec 2025 10:34

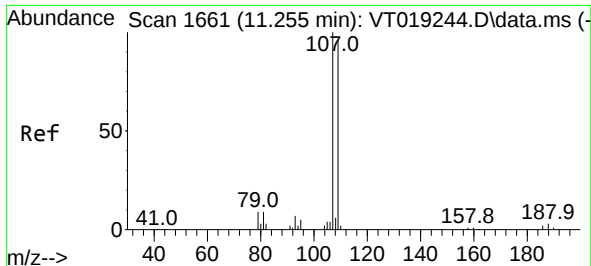
Tgt Ion: 129 Resp: 18710

Ion Ratio Lower Upper

129 100

127 78.8 38.9 116.7

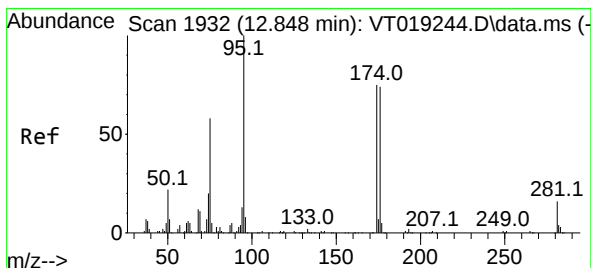
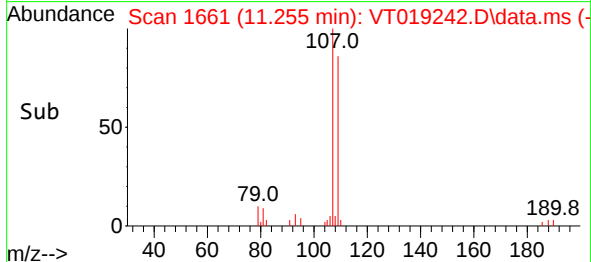
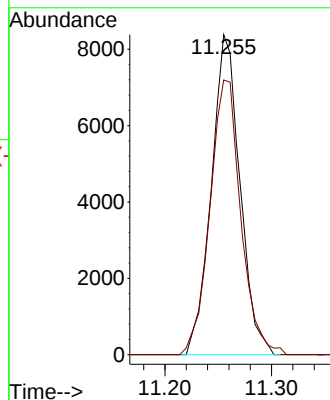
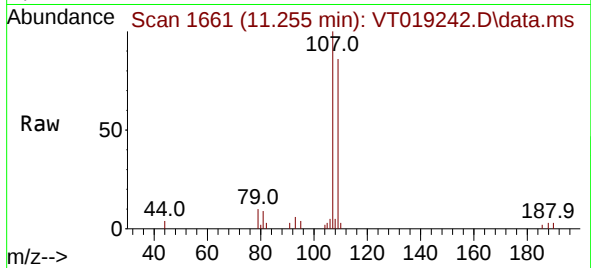




#61
1,2-Dibromoethane
Concen: 10.868 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

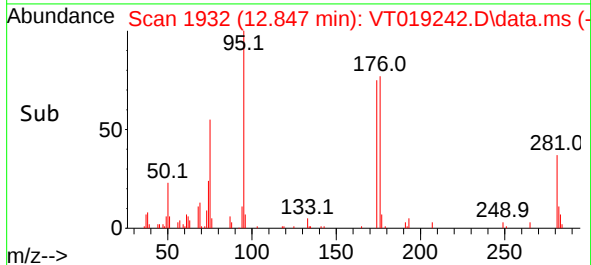
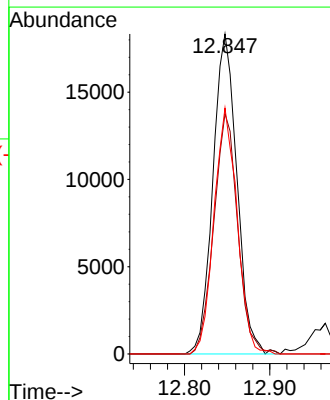
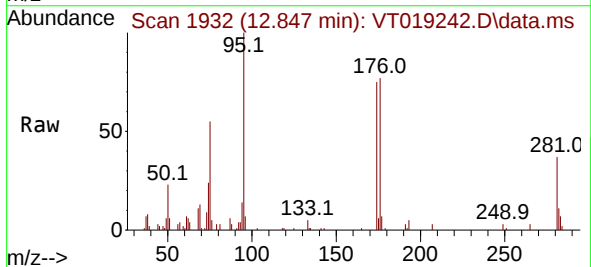
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

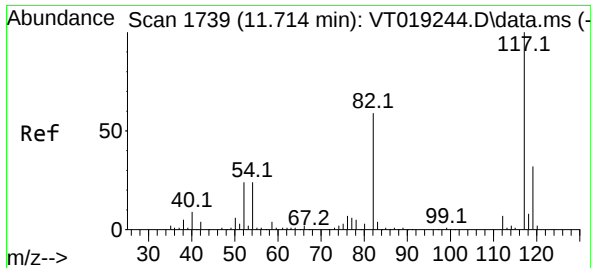
Tgt Ion:107 Resp: 15628
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 9.387 ug/l
RT: 12.847 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 95 Resp: 35898
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.4
176 74.1 0.0 149.2

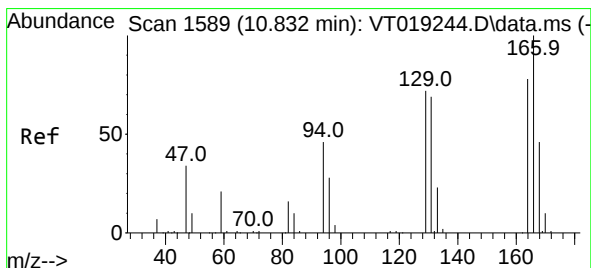
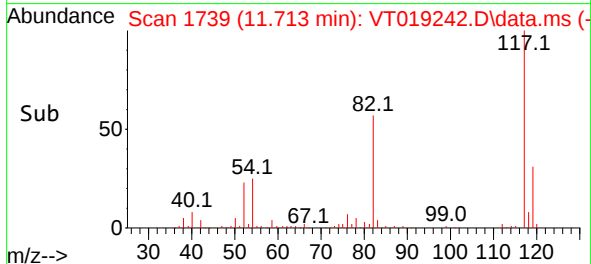
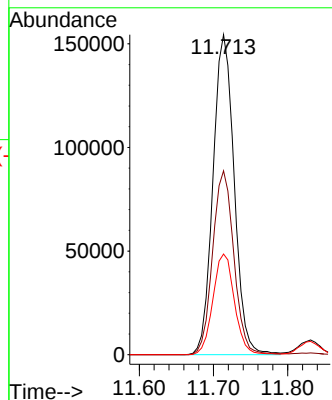
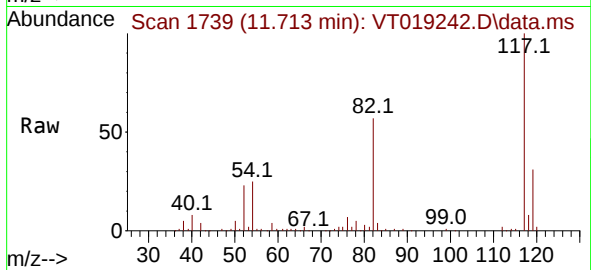




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

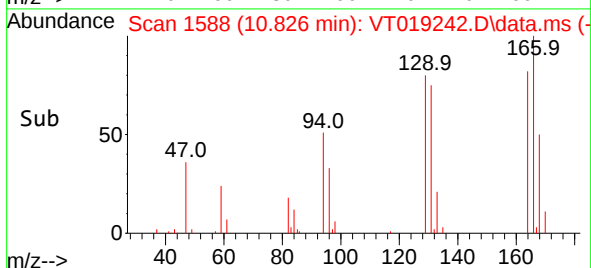
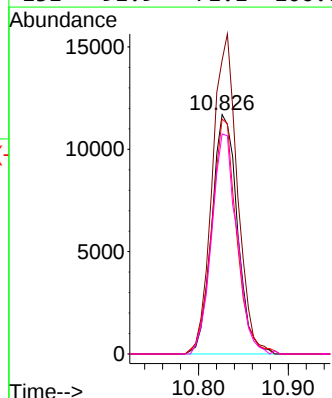
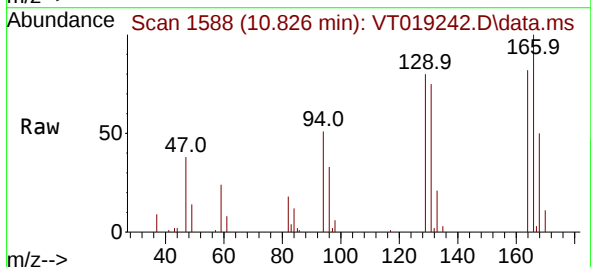
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

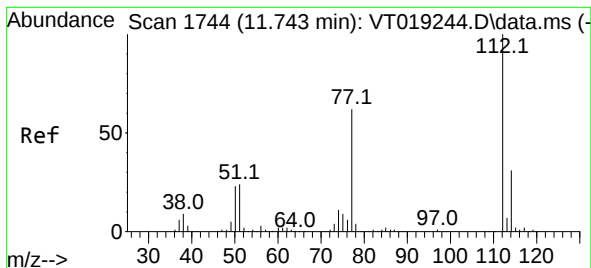
Tgt Ion:117 Resp: 306440
Ion Ratio Lower Upper
117 100
82 57.5 47.1 70.7
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 10.094 ug/l
RT: 10.826 min Scan# 1588
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:164 Resp: 23168
Ion Ratio Lower Upper
164 100
166 122.7 102.7 154.1
129 98.1 74.0 111.0
131 91.9 71.1 106.7





#65

Chlorobenzene

Concen: 10.446 ug/l

RT: 11.743 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

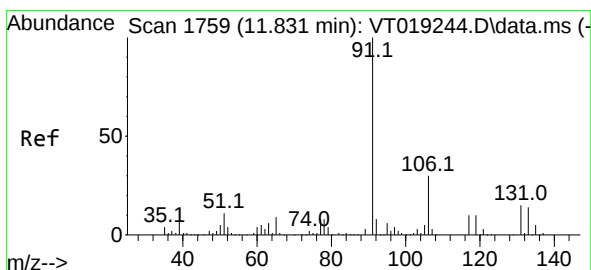
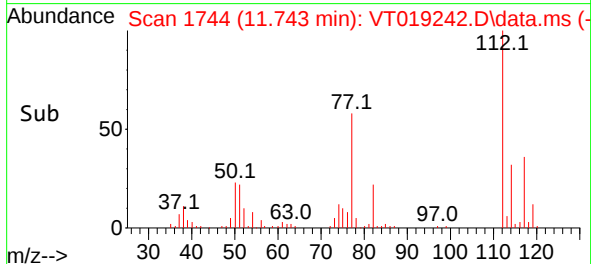
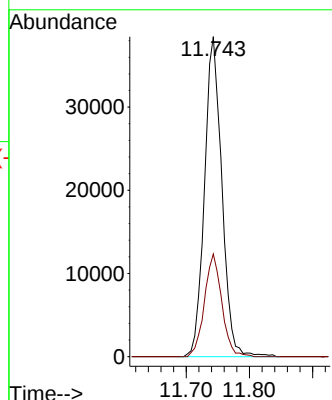
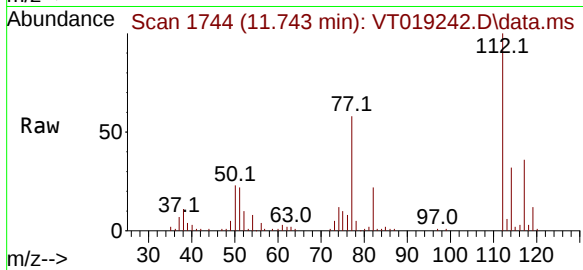
VSTDIC010

Tgt Ion:112 Resp: 73264

Ion Ratio Lower Upper

112 100

114 32.1 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 9.803 ug/l

RT: 11.831 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

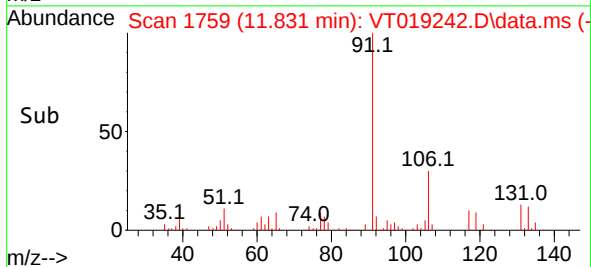
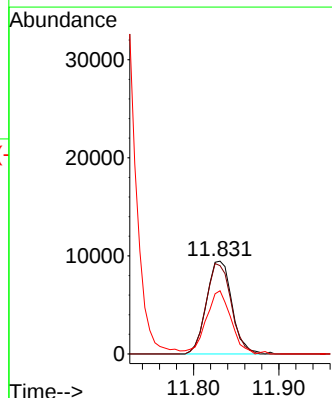
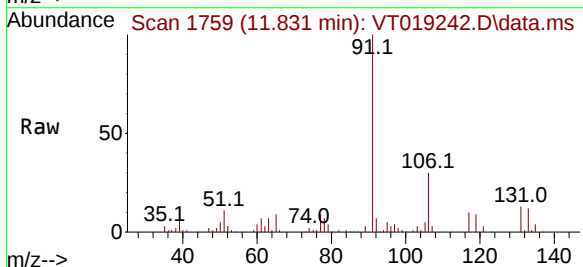
Tgt Ion:131 Resp: 19685

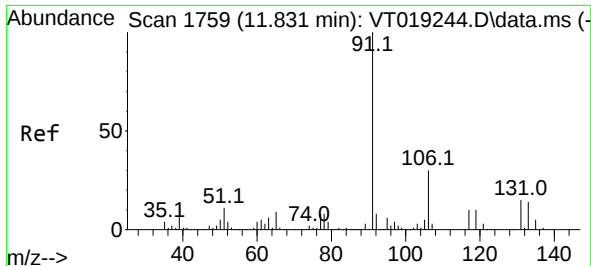
Ion Ratio Lower Upper

131 100

133 95.5 46.5 139.5

119 63.0 32.3 96.8





#67

Ethyl Benzene

Concen: 10.203 ug/l

RT: 11.831 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

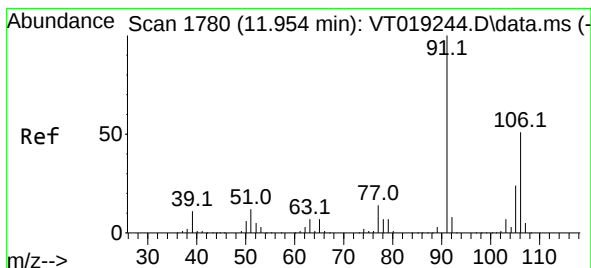
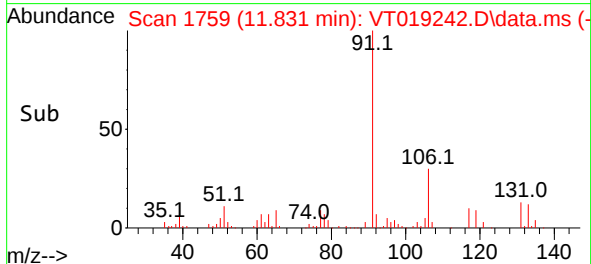
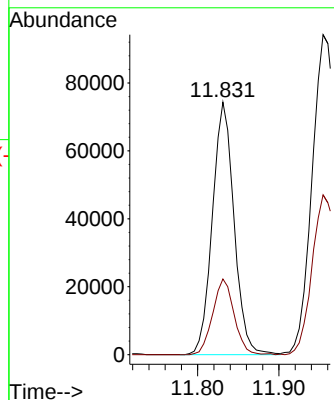
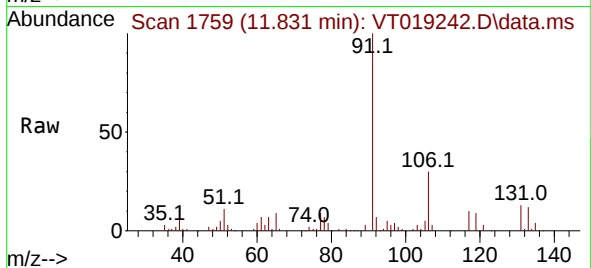
VSTDIC010

Tgt Ion: 91 Resp: 137742

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5



#68

m/p-Xylenes

Concen: 20.253 ug/l

RT: 11.954 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VT019242.D

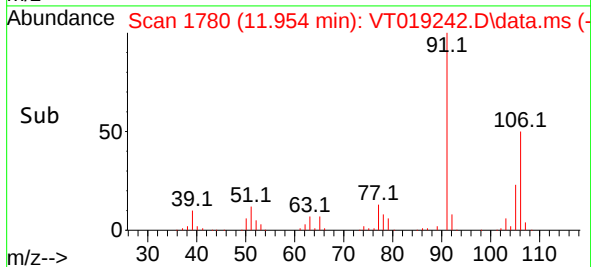
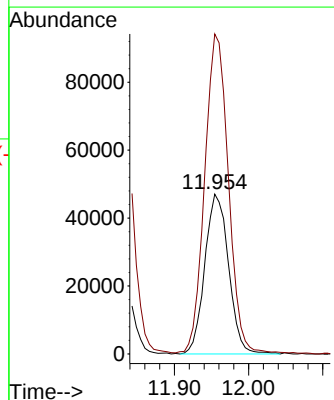
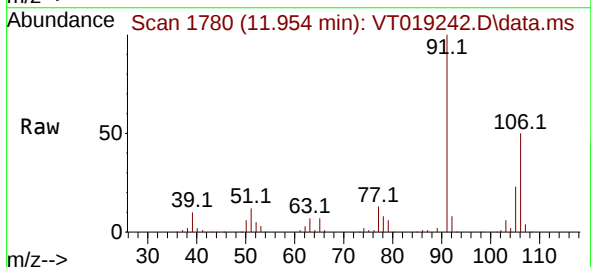
Acq: 8 Dec 2025 10:34

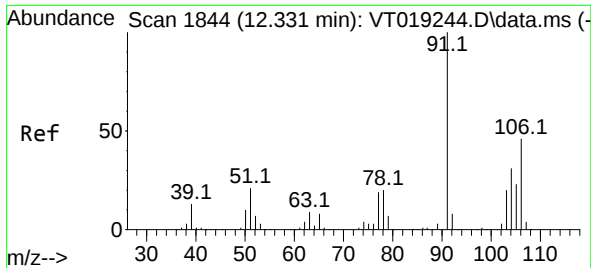
Tgt Ion:106 Resp: 105140

Ion Ratio Lower Upper

106 100

91 200.5 159.3 238.9

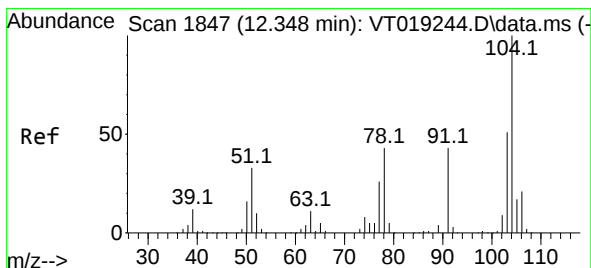
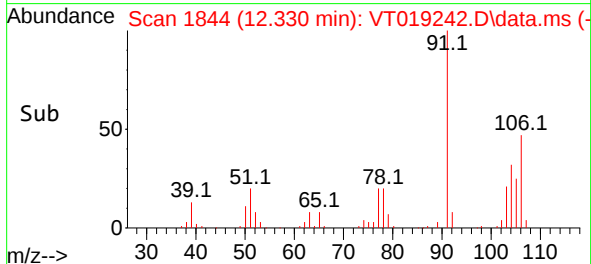
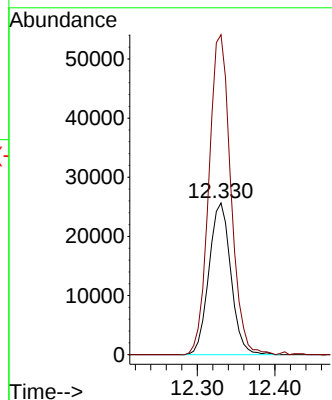
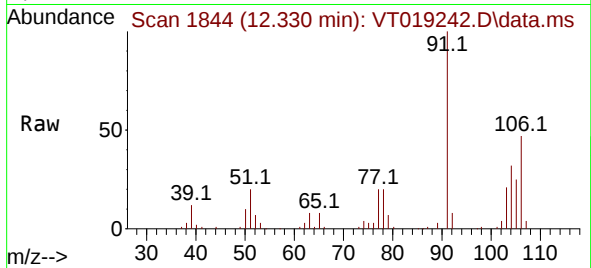




#69
o-Xylene
Concen: 10.253 ug/l
RT: 12.330 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

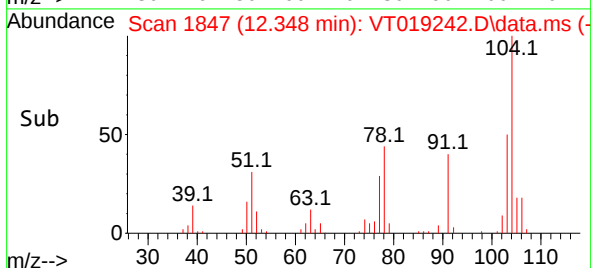
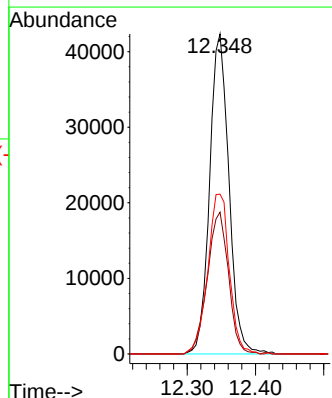
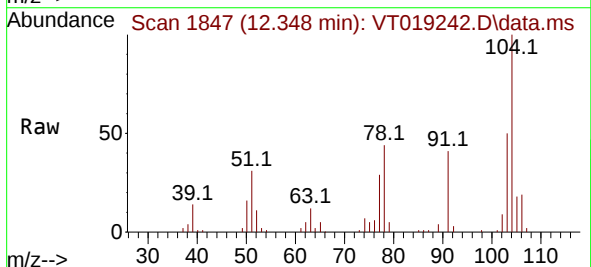
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

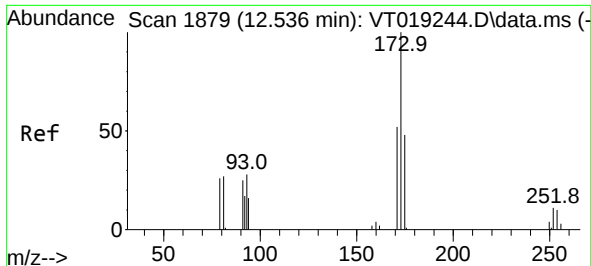
Tgt Ion:106 Resp: 50385
Ion Ratio Lower Upper
106 100
91 210.7 105.6 316.7



#70
Styrene
Concen: 10.158 ug/l
RT: 12.348 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:104 Resp: 83451
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 55.8 44.4 66.6

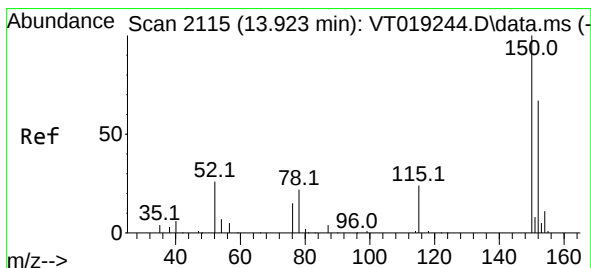
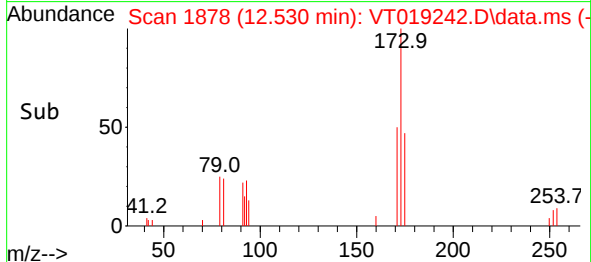
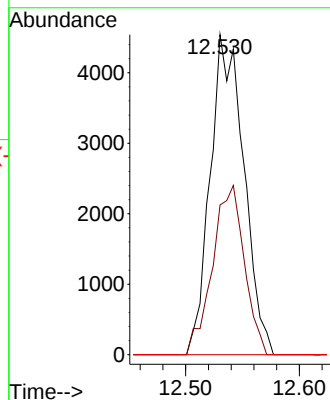
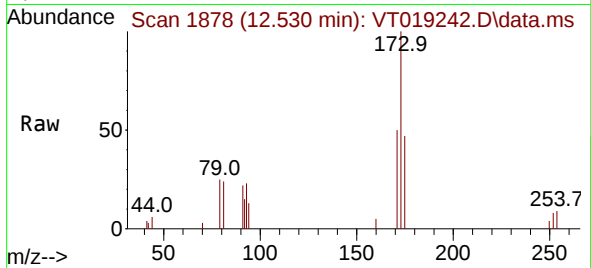




#71
Bromoform
Concen: 9.849 ug/l
RT: 12.530 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

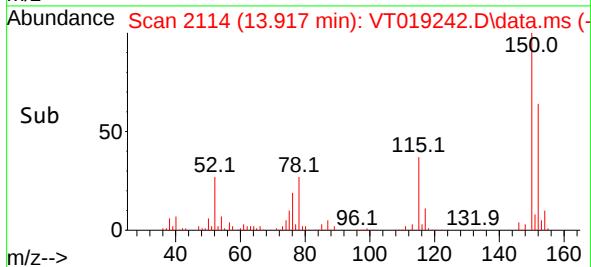
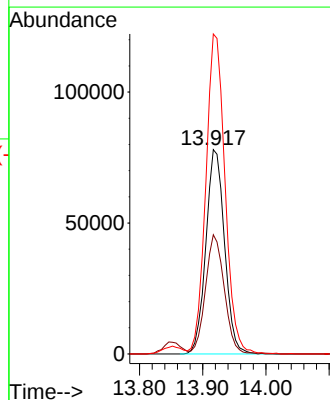
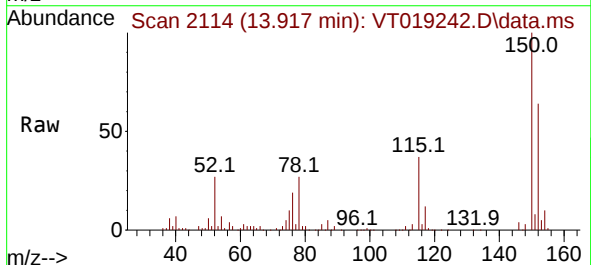
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

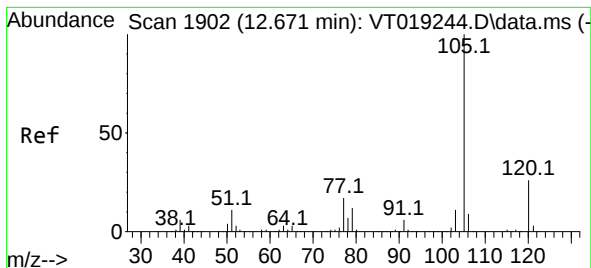
Tgt Ion:173 Resp: 9323
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.917 min Scan# 2114
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:152 Resp: 160363
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.9
150 160.7 0.0 347.6





#73

Isopropylbenzene

Concen: 9.375 ug/l

RT: 12.671 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

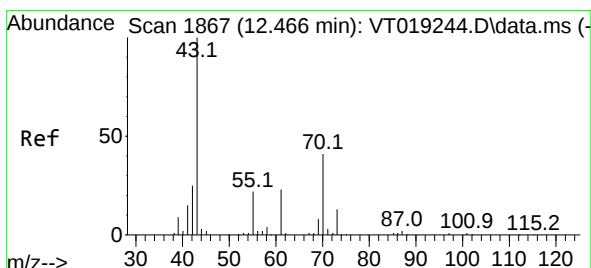
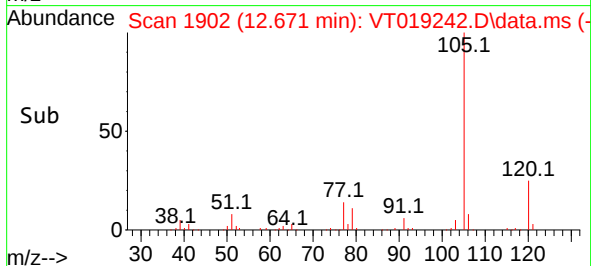
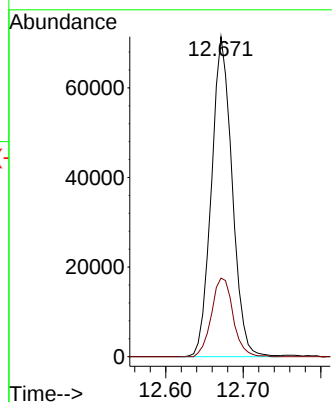
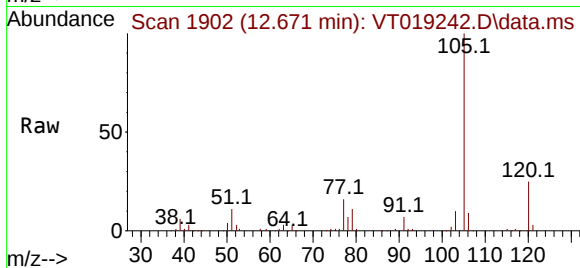
VSTDIC010

Tgt Ion:105 Resp: 132628

Ion Ratio Lower Upper

105 100

120 25.6 13.3 39.8



#74

N-ethyl acetate

Concen: 9.149 ug/l

RT: 12.460 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Tgt Ion: 43 Resp: 23856

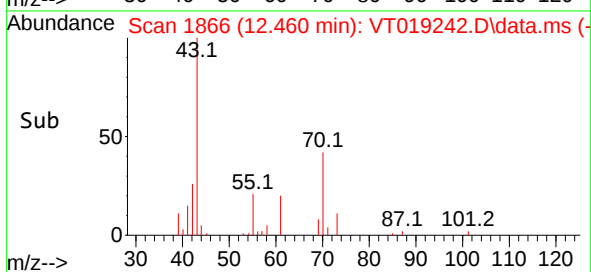
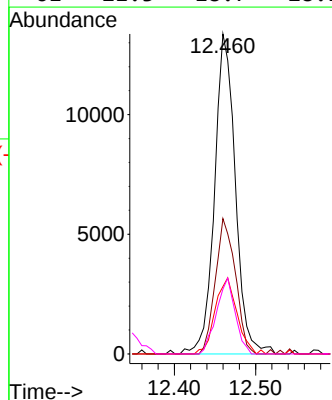
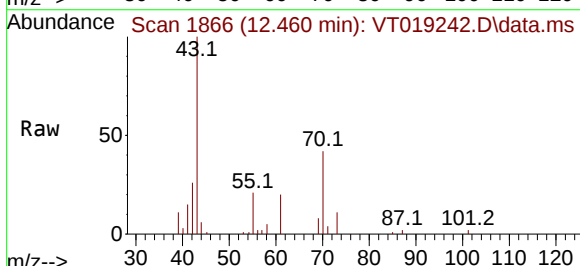
Ion Ratio Lower Upper

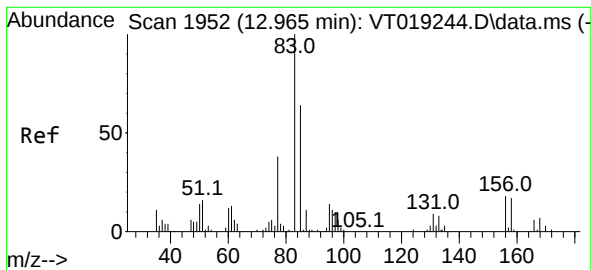
43 100

70 40.6 33.3 49.9

55 25.1 18.5 27.7

61 21.3 18.7 28.1

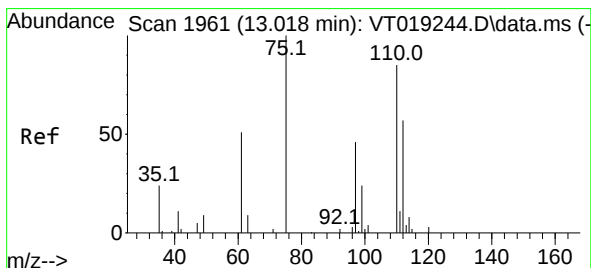
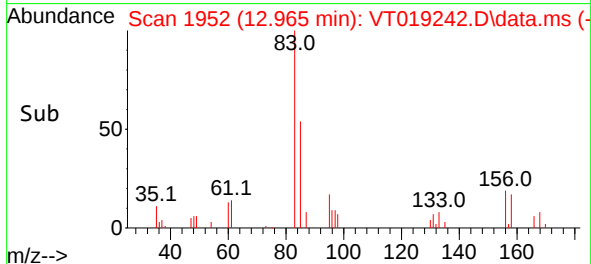
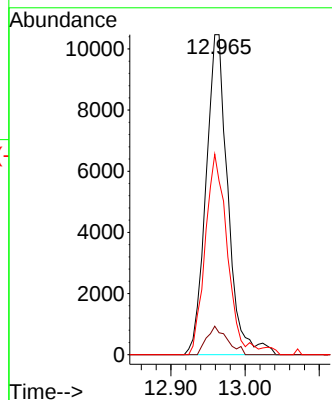
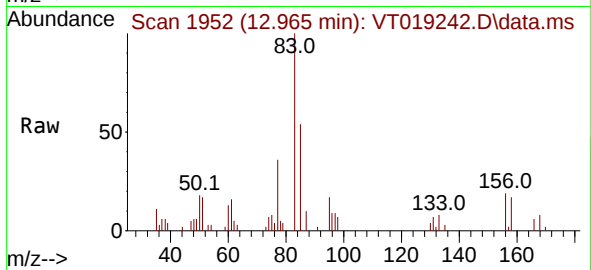




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.808 ug/l
 RT: 12.965 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

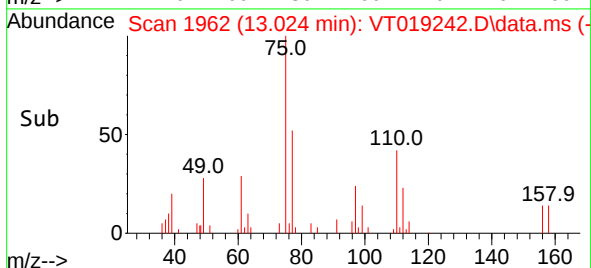
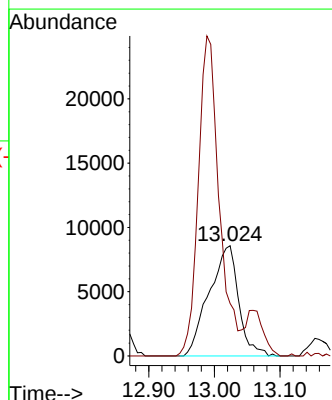
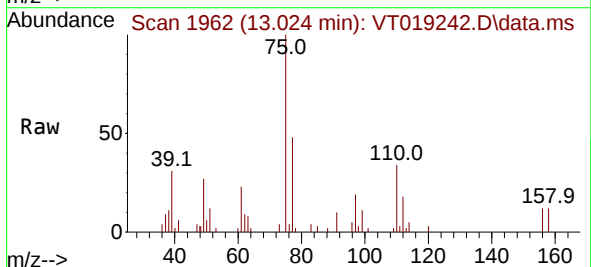
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

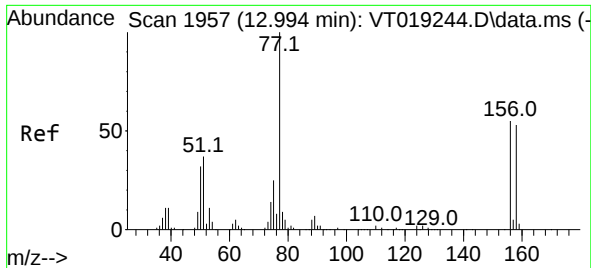
Tgt Ion: 83 Resp: 21444
 Ion Ratio Lower Upper
 83 100
 131 8.3 4.7 14.0
 85 63.2 33.0 98.9



#76
 1,2,3-Trichloropropane
 Concen: 15.621 ug/l
 RT: 13.024 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

Tgt Ion: 75 Resp: 26783
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

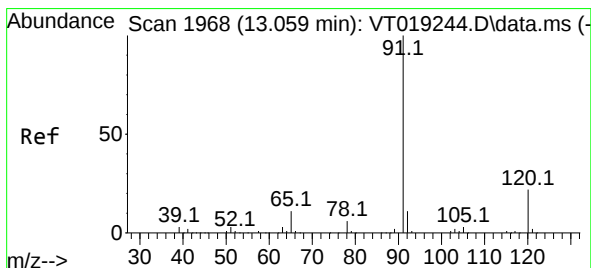
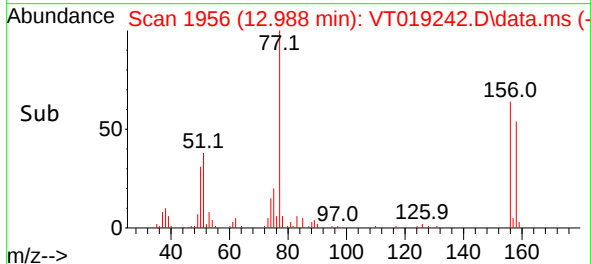
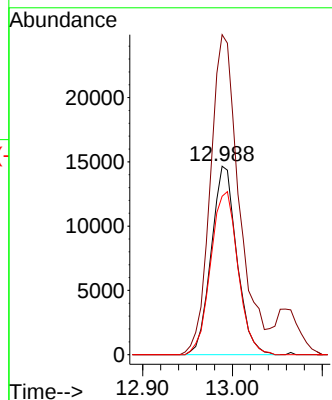
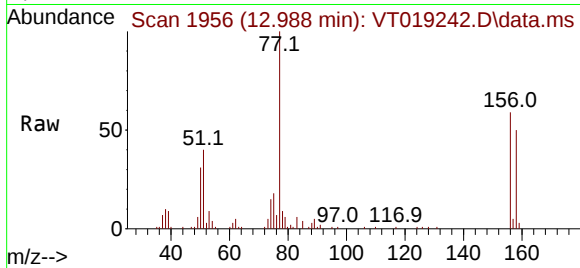




#77
Bromobenzene
Concen: 9.942 ug/l
RT: 12.988 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

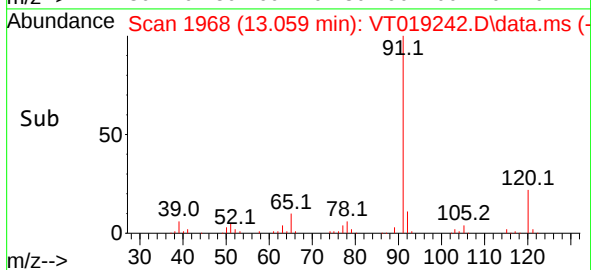
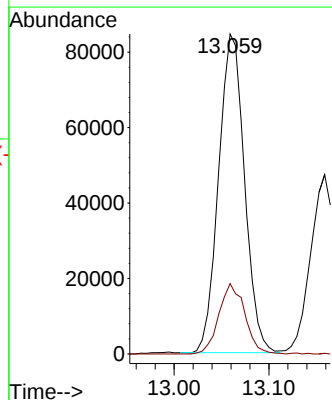
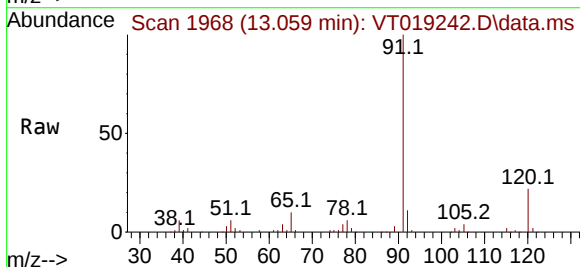
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

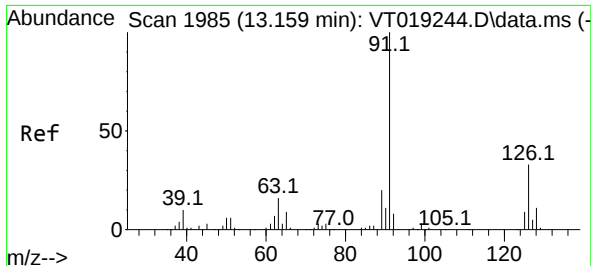
Tgt Ion:156 Resp: 29005
Ion Ratio Lower Upper
156 100
77 192.0 102.4 307.1
158 92.3 48.6 145.8



#78
n-propylbenzene
Concen: 9.642 ug/l
RT: 13.059 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 91 Resp: 160745
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 9.919 ug/l

RT: 13.159 min Scan# 1985

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

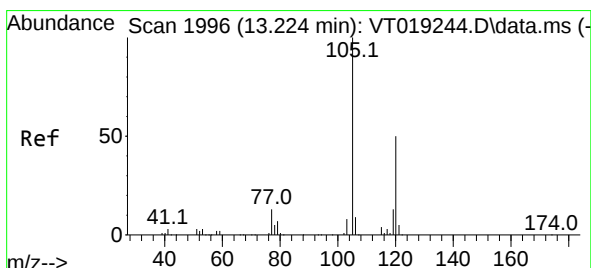
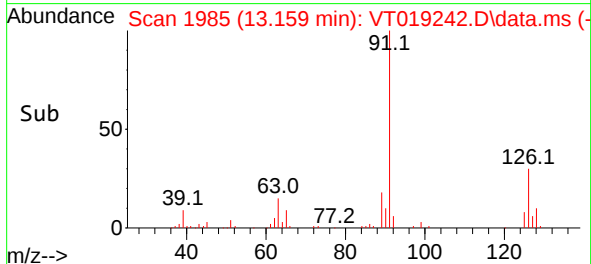
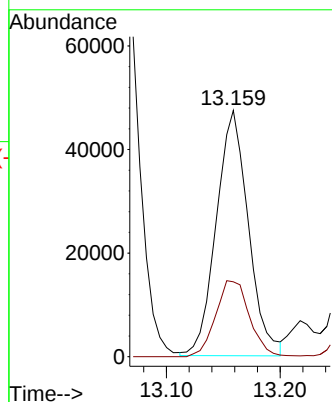
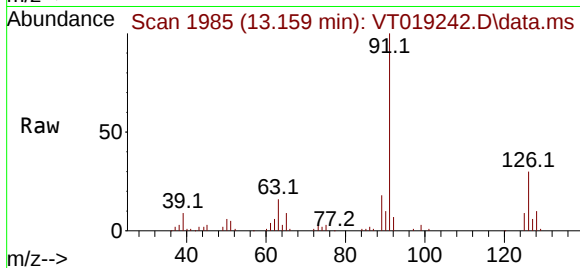
VSTDIC010

Tgt Ion: 91 Resp: 92987

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 10.120 ug/l

RT: 13.223 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VT019242.D

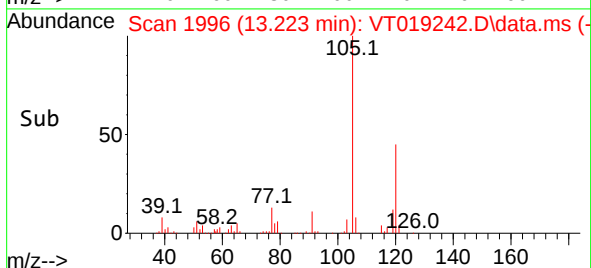
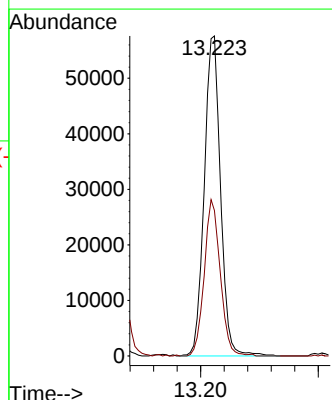
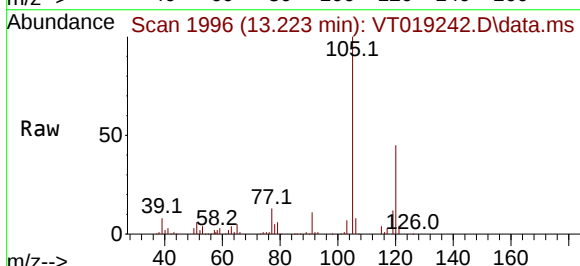
Acq: 8 Dec 2025 10:34

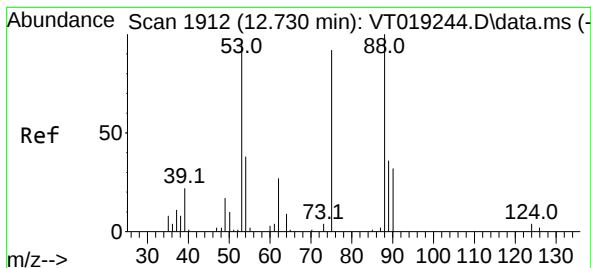
Tgt Ion:105 Resp: 110610

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2

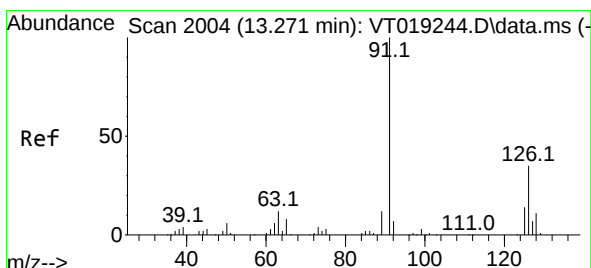
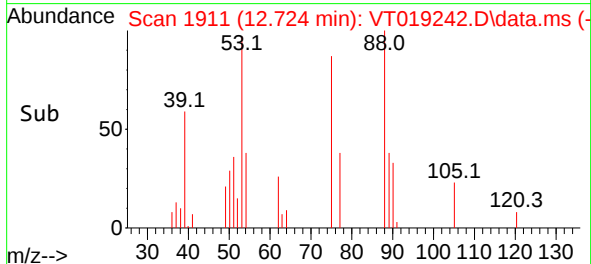
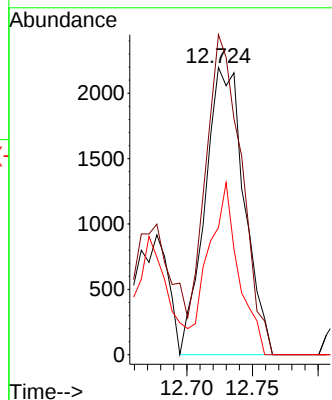
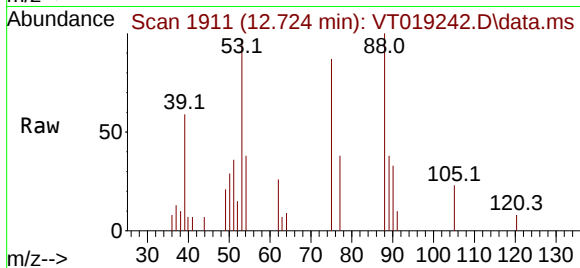




#81
trans-1,4-Dichloro-2-butene
Concen: 8.960 ug/l
RT: 12.724 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

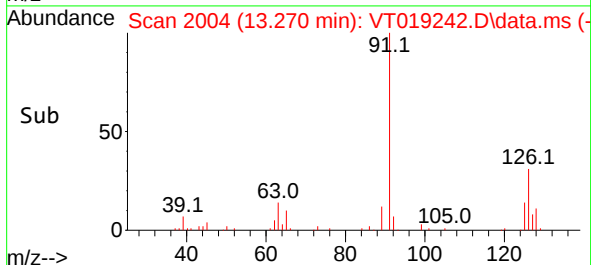
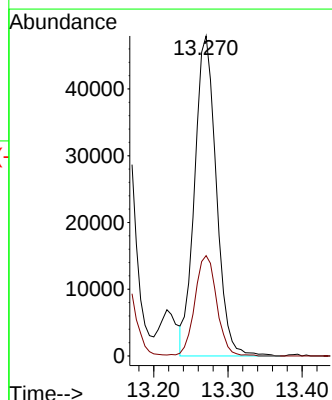
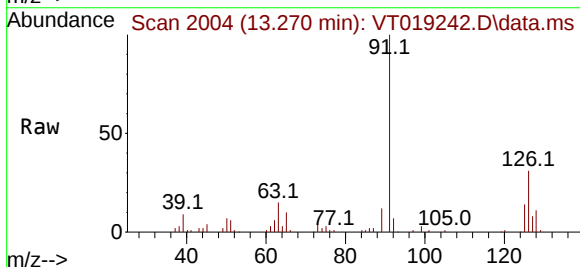
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

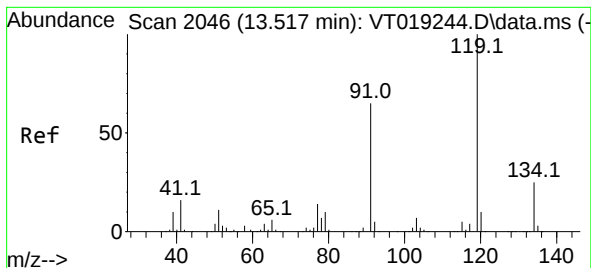
Tgt Ion: 75 Resp: 4572
Ion Ratio Lower Upper
75 100
53 102.2 83.3 124.9
89 46.0 35.0 52.6



#82
4-Chlorotoluene
Concen: 9.910 ug/l
RT: 13.270 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion: 91 Resp: 97283
Ion Ratio Lower Upper
91 100
126 31.7 16.4 49.2





#83

tert-Butylbenzene

Concen: 10.140 ug/l

RT: 13.517 min Scan# 2046

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC010

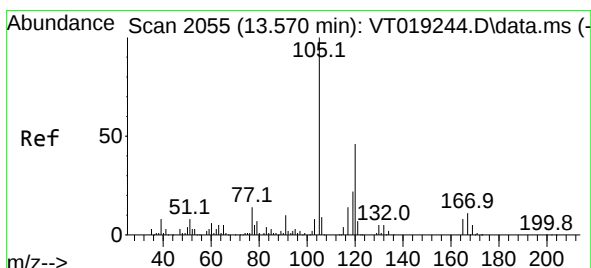
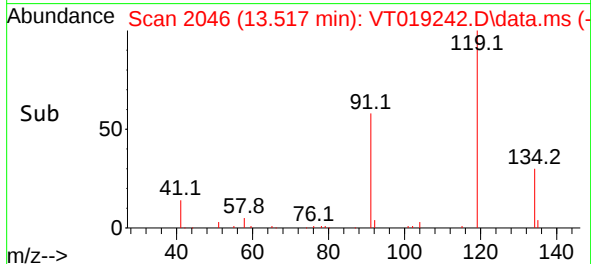
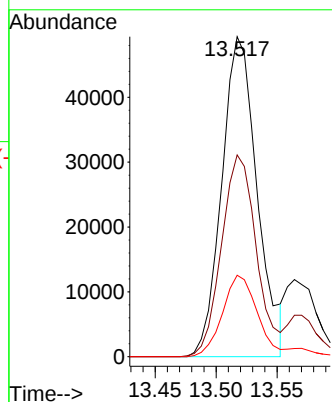
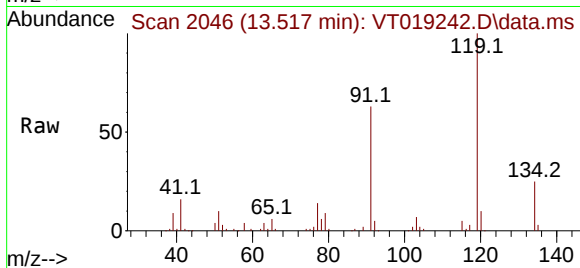
Tgt Ion:119 Resp: 99510

Ion Ratio Lower Upper

119 100

91 62.3 31.7 95.1

134 25.2 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 9.922 ug/l

RT: 13.570 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VT019242.D

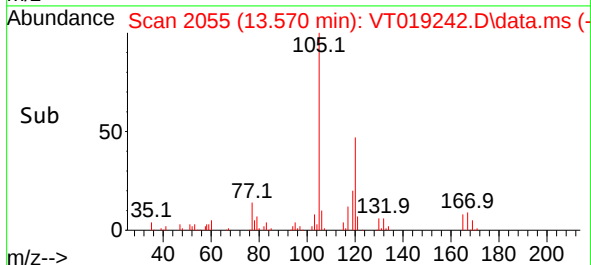
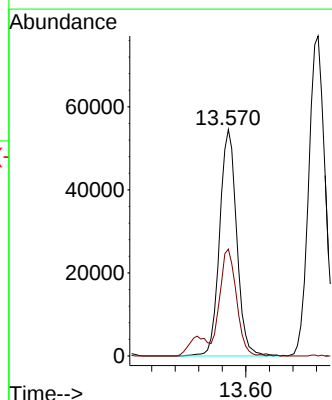
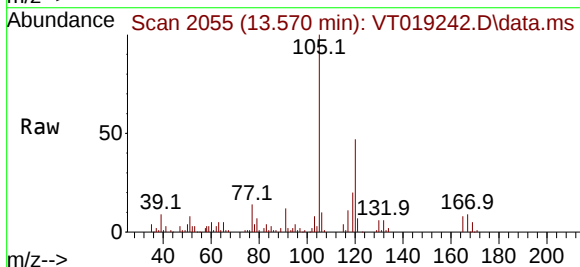
Acq: 8 Dec 2025 10:34

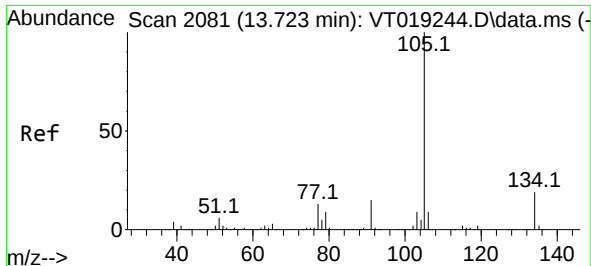
Tgt Ion:105 Resp: 109844

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.0

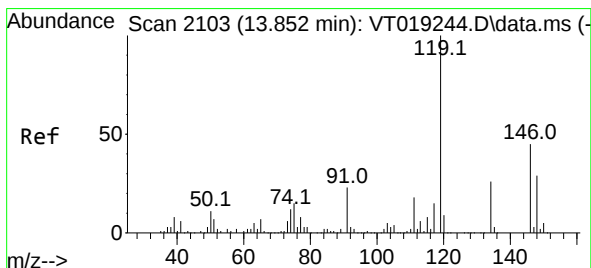
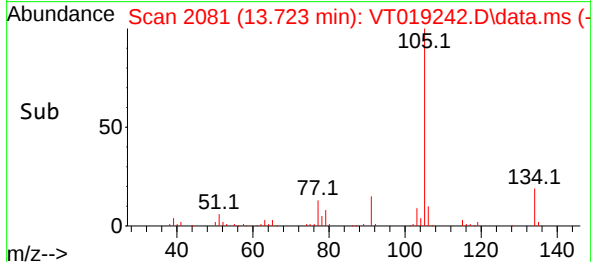
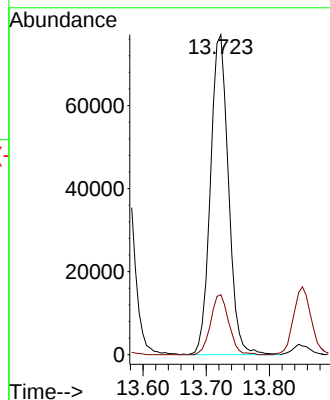
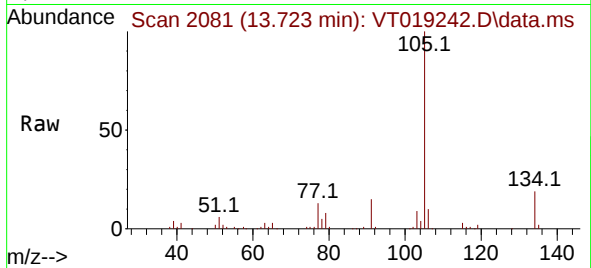




#85
 sec-Butylbenzene
 Concen: 10.307 ug/l
 RT: 13.723 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

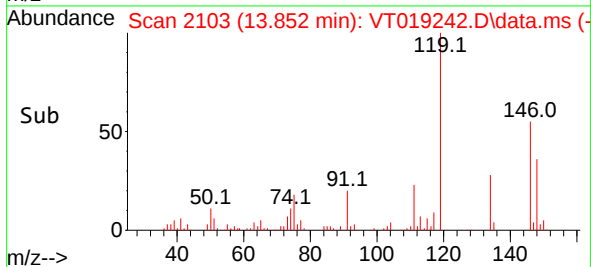
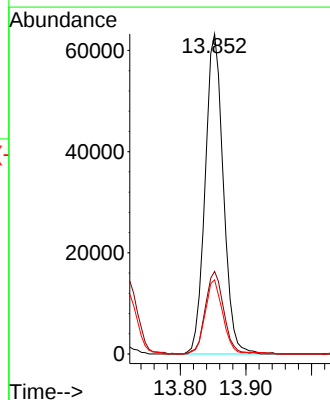
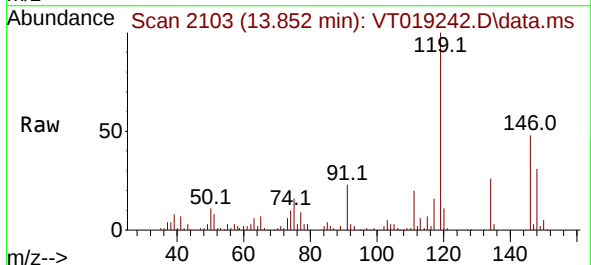
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC010

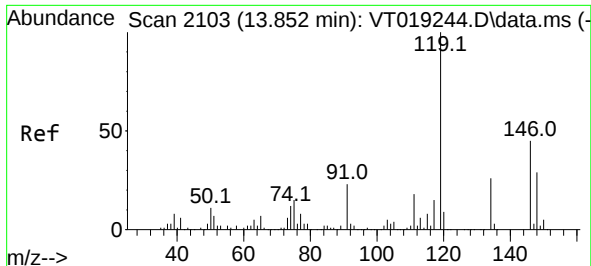
Tgt Ion:105 Resp: 152202
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 9.790 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.000 min
 Lab File: VT019242.D
 Acq: 8 Dec 2025 10:34

Tgt Ion:119 Resp: 121904
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.6 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 10.185 ug/l

RT: 13.852 min Scan# 2103

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC010

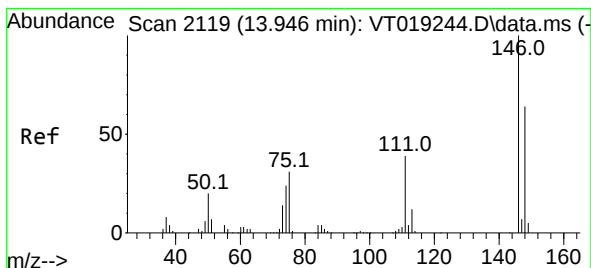
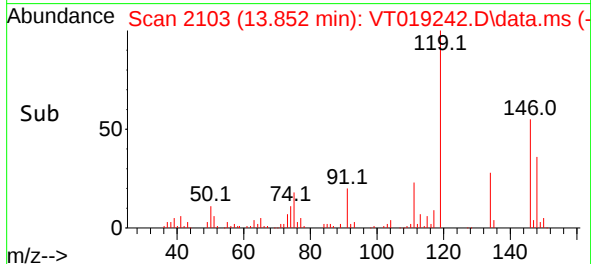
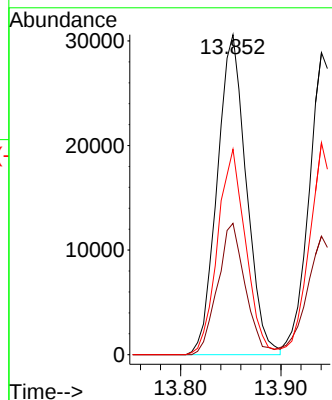
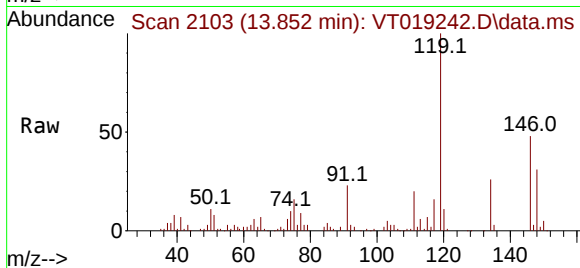
Tgt Ion:146 Resp: 61674

Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

148 61.9 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 10.384 ug/l

RT: 13.940 min Scan# 2118

Delta R.T. -0.006 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

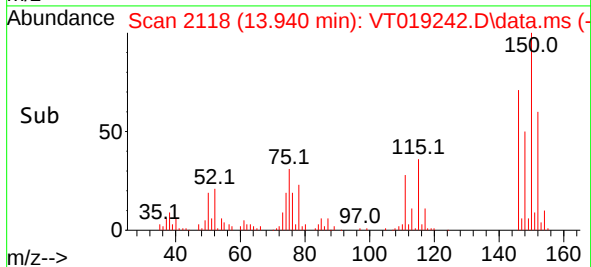
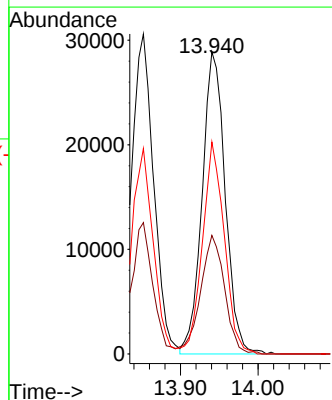
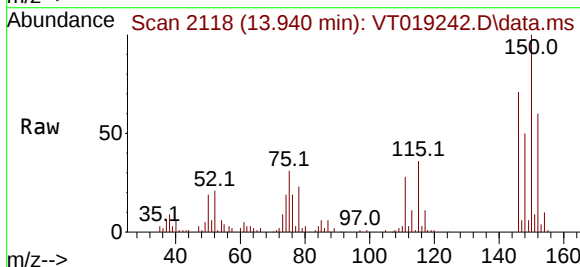
Tgt Ion:146 Resp: 59742

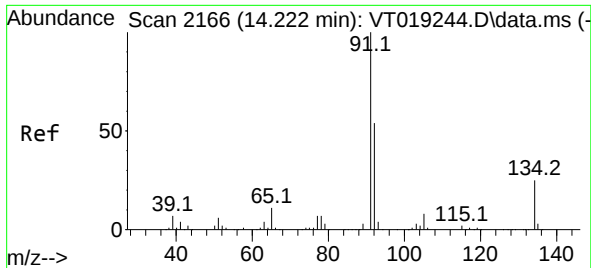
Ion Ratio Lower Upper

146 100

111 41.1 19.4 58.2

148 66.7 32.1 96.3





#89

n-Butylbenzene

Concen: 10.076 ug/l

RT: 14.222 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VT019242.D

Acq: 8 Dec 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC010

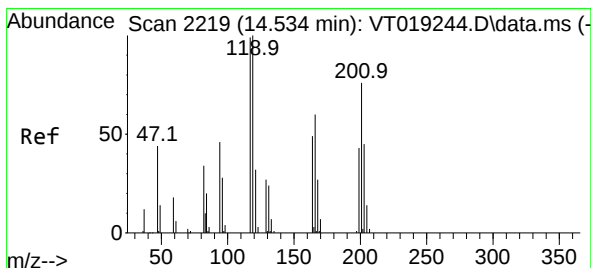
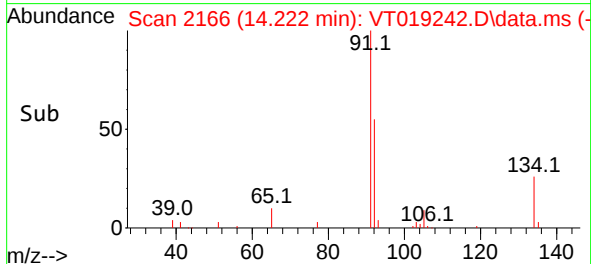
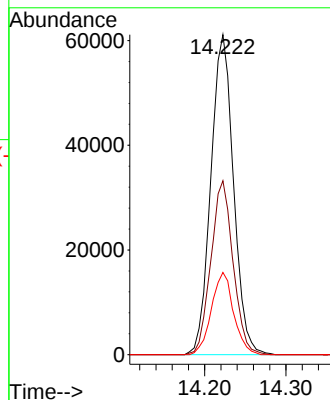
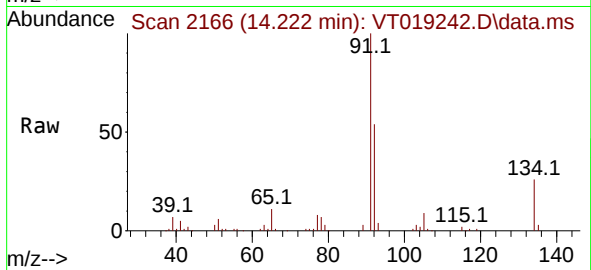
Tgt Ion: 91 Resp: 118291

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 25.2 12.3 36.8



#90

Hexachloroethane

Concen: 9.401 ug/l

RT: 14.528 min Scan# 2218

Delta R.T. -0.006 min

Lab File: VT019242.D

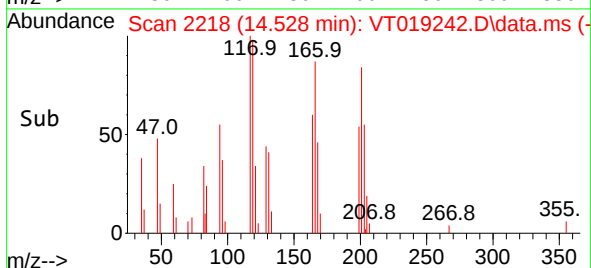
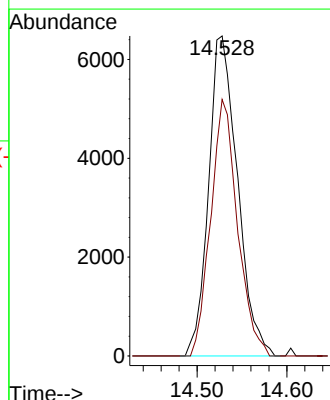
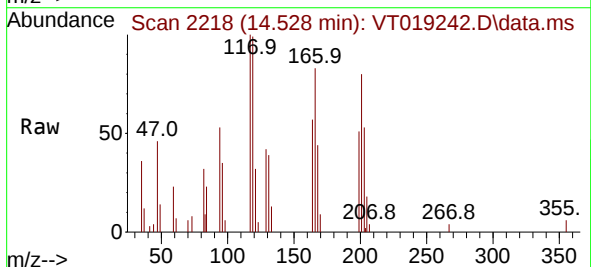
Acq: 8 Dec 2025 10:34

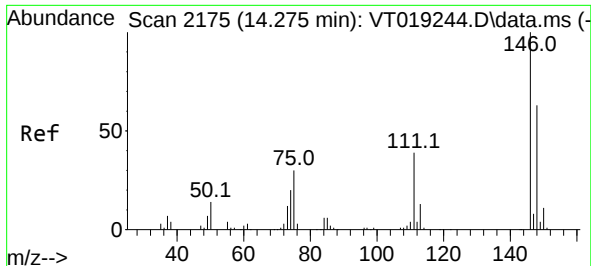
Tgt Ion: 117 Resp: 14462

Ion Ratio Lower Upper

117 100

201 74.4 36.8 110.4

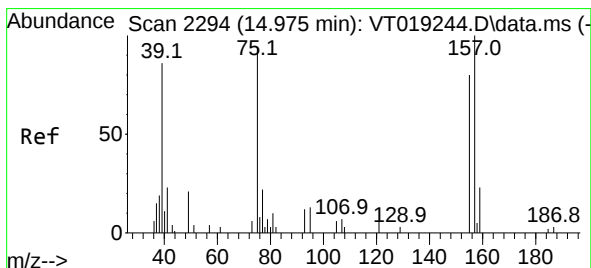
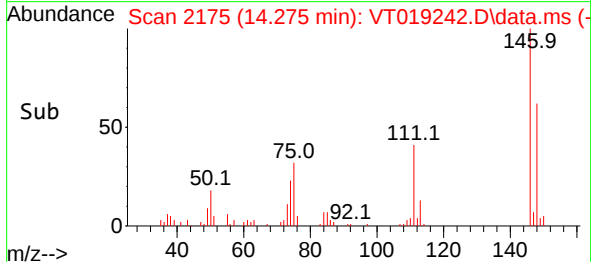
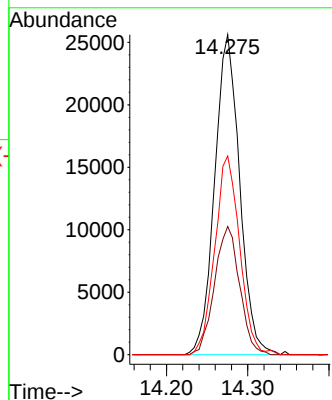
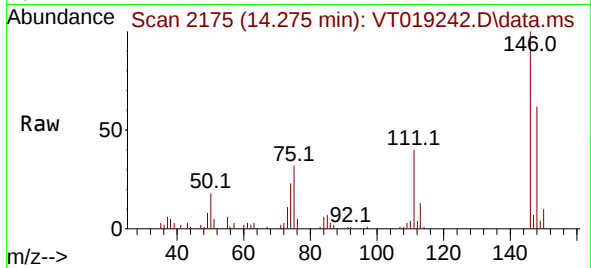




#91
1,2-Dichlorobenzene
Concen: 10.569 ug/l
RT: 14.275 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

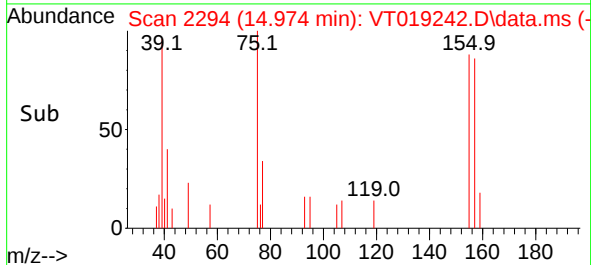
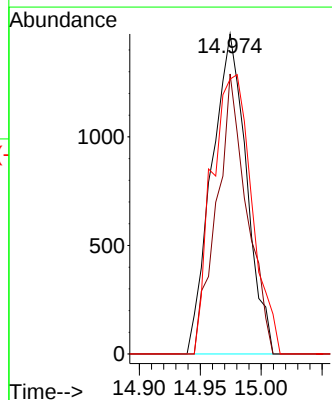
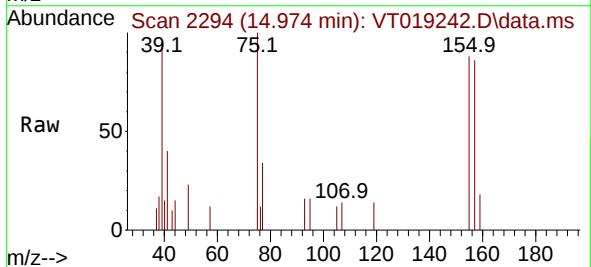
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

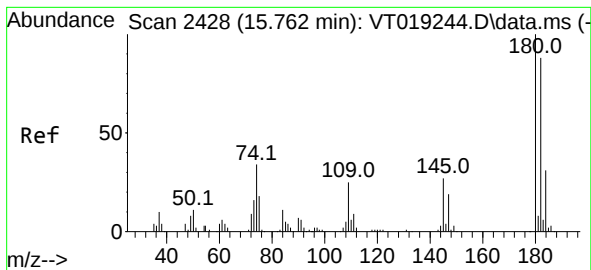
Tgt Ion:146 Resp: 54777
Ion Ratio Lower Upper
146 100
111 40.2 20.2 60.5
148 61.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.551 ug/l
RT: 14.974 min Scan# 2294
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

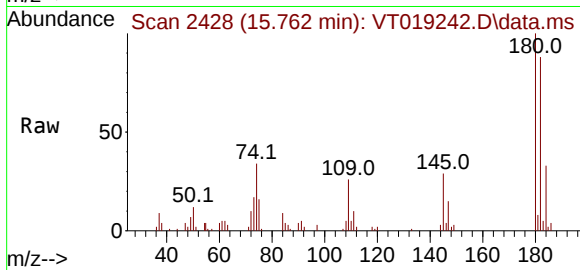
Tgt Ion: 75 Resp: 2931
Ion Ratio Lower Upper
75 100
155 75.8 42.0 126.1
157 100.0 55.1 165.3



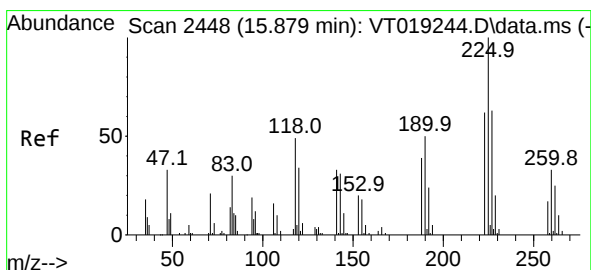
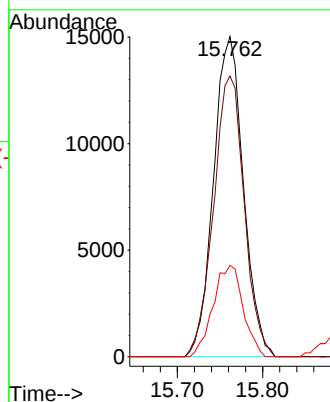
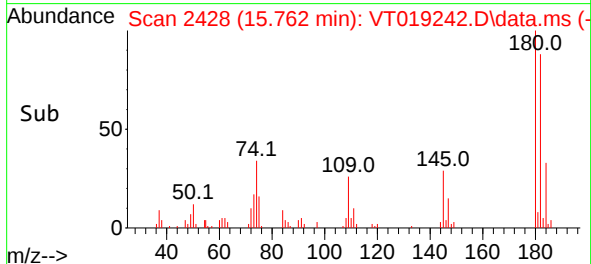


#93
1,2,4-Trichlorobenzene
Concen: 10.769 ug/l
RT: 15.762 min Scan# 2428
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

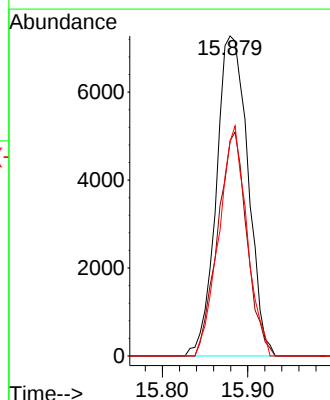
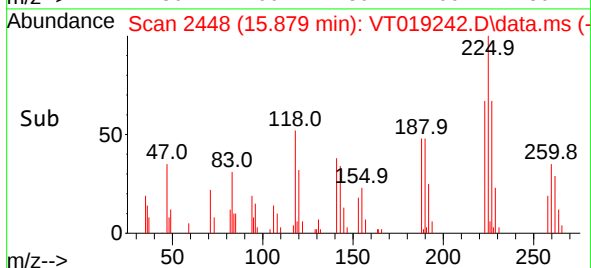
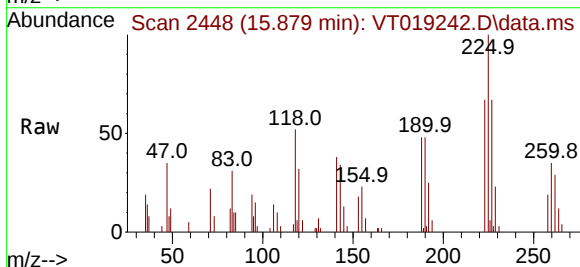


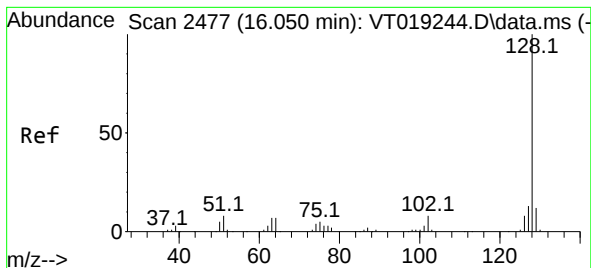
Tgt Ion:180 Resp: 36649
Ion Ratio Lower Upper
180 100
182 89.6 46.6 139.8
145 28.6 14.7 44.1



#94
Hexachlorobutadiene
Concen: 10.755 ug/l
RT: 15.879 min Scan# 2448
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:225 Resp: 18747
Ion Ratio Lower Upper
225 100
223 64.2 32.1 96.5
227 63.6 31.6 95.0

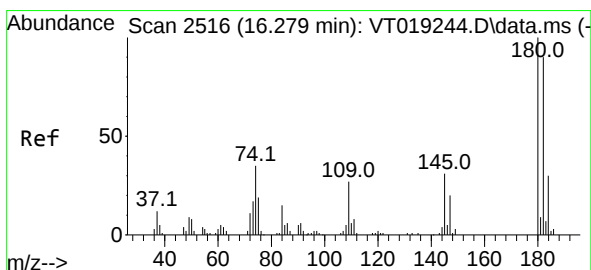
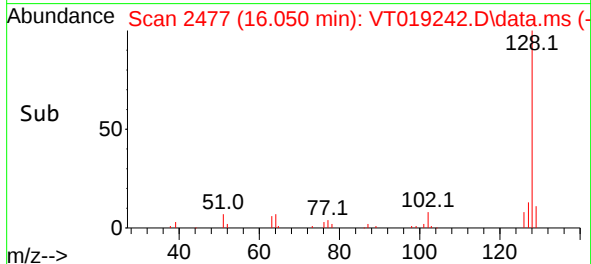
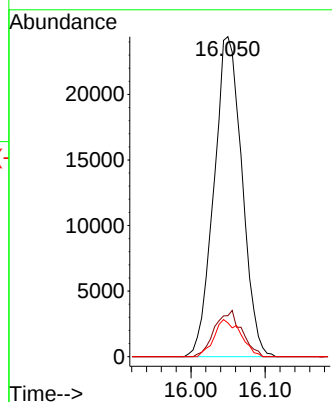
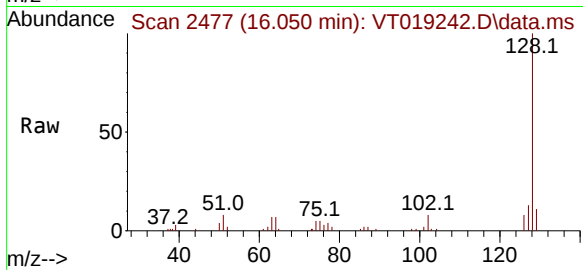




#95
Naphthalene
Concen: 10.517 ug/l
RT: 16.050 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 64078
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 10.698 ug/l
RT: 16.279 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VT019242.D
Acq: 8 Dec 2025 10:34

Tgt Ion:180 Resp: 31130
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 31.1 15.7 47.1

