

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019146.D
 Acq On : 3 Oct 2025 15:10
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 04 01:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:39:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.536	168	294255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	484000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	390220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	183789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.924	65	4184	1.074	ug/l	0.00
Spiked Amount 50.000			Recovery	=	2.140%	
35) Dibromofluoromethane	7.454	113	3102	1.165	ug/l	0.00
Spiked Amount 50.000			Recovery	=	2.320%	
50) Toluene-d8	10.215	98	8823	1.266	ug/l	0.00
Spiked Amount 50.000			Recovery	=	2.540%	
62) 4-Bromofluorobenzene	12.848	95	6094	1.565	ug/l	0.00
Spiked Amount 50.000			Recovery	=	3.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	2103	1.086	ug/l	95
3) Chloromethane	2.054	50	1693	0.483	ug/l #	87
4) Vinyl Chloride	2.172	62	2806	0.989	ug/l #	81
5) Bromomethane	2.524	94	2686	2.158	ug/l	84
6) Chloroethane	2.659	64	2187	1.718	ug/l #	86
7) Trichlorofluoromethane	2.953	101	4524	1.229	ug/l	95
8) Diethyl Ether	3.323	74	2145	0.840	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.635	101	1636	0.758	ug/l #	55
10) Methyl Iodide	3.834	142	1701	0.492	ug/l #	81
11) Tert butyl alcohol	4.592	59	4934	3.465	ug/l #	79
12) 1,1-Dichloroethene	3.629	96	2932	1.044	ug/l #	94
13) Acrolein	3.511	56	2655	7.894	ug/l	98
14) Allyl chloride	4.175	41	8923	1.024	ug/l	93
15) Acrylonitrile	4.792	53	15490	4.371	ug/l	99
16) Acetone	3.705	43	26451	6.342	ug/l	97
17) Carbon Disulfide	3.923	76	10197	1.384	ug/l	98
18) Methyl Acetate	4.181	43	7797	0.815	ug/l	96
19) Methyl tert-butyl Ether	4.863	73	14367	0.862	ug/l	96
20) Methylene Chloride	4.387	84	8270	1.482	ug/l #	89
21) trans-1,2-Dichloroethene	4.845	96	3663	1.062	ug/l	91
22) Diisopropyl ether	5.756	45	15717	0.875	ug/l	99
23) Vinyl Acetate	5.697	43	59190	4.121	ug/l	100
24) 1,1-Dichloroethane	5.656	63	7306	0.915	ug/l #	84
25) 2-Butanone	6.655	43	27070	4.998	ug/l	96
26) 2,2-Dichloropropane	6.637	77	5811	1.009	ug/l	90
27) cis-1,2-Dichloroethene	6.637	96	4093	0.884	ug/l	88
28) Bromochloromethane	7.025	49	2599	0.925	ug/l #	98
29) Tetrahydrofuran	7.060	42	14649	4.301	ug/l	98
30) Chloroform	7.225	83	6656	0.892	ug/l	94
31) Cyclohexane	7.536	56	12541	2.023	ug/l #	43
32) 1,1,1-Trichloroethane	7.424	97	5119	0.969	ug/l #	53
36) 1,1-Dichloropropene	7.665	75	4795	1.223	ug/l	93
37) Ethyl Acetate	6.755	43	8991	0.977	ug/l #	94
38) Carbon Tetrachloride	7.642	117	2908	0.994	ug/l	91
39) Methylcyclohexane	9.081	83	4771	1.379	ug/l	88
40) Benzene	7.941	78	14278	1.003	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.001	41	4662	1.092	ug/l #	91
42) 1,2-Dichloroethane	8.024	62	5685	0.969	ug/l	95
43) Isopropyl Acetate	8.077	43	11849	0.924	ug/l	96
44) Trichloroethene	8.811	130	3283	1.136	ug/l	91
45) 1,2-Dichloropropane	9.128	63	3352	0.955	ug/l	99
46) Dibromomethane	9.222	93	2222	0.936	ug/l	97
47) Bromodichloromethane	9.446	83	4068	0.900	ug/l	92
48) Methyl methacrylate	9.216	41	5318	0.894	ug/l	97
49) 1,4-Dioxane	9.228	88	2087	19.426	ug/l #	91
51) 4-Methyl-2-Pentanone	10.098	43	35819	4.774	ug/l	96
52) Toluene	10.286	92	8490	1.057	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	4781	0.942	ug/l #	81
54) cis-1,3-Dichloropropene	9.933	75	5233	0.964	ug/l	92
55) 1,1,2-Trichloroethane	10.750	97	3078	0.950	ug/l	95
56) Ethyl methacrylate	10.597	69	4885	0.808	ug/l	89
57) 1,3-Dichloropropane	10.915	76	5535	0.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.775	63	10226	4.351	ug/l	99
59) 2-Hexanone	10.967	43	28965	5.052	ug/l	99
60) Dibromochloromethane	11.138	129	2211	0.770	ug/l	97
61) 1,2-Dibromoethane	11.255	107	3090	0.966	ug/l	97
64) Tetrachloroethene	10.832	164	2692	1.241	ug/l	91
65) Chlorobenzene	11.743	112	10036	1.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.825	131	2138	0.856	ug/l #	64
67) Ethyl Benzene	11.837	91	15791	1.132	ug/l	99
68) m/p-Xylenes	11.960	106	12196	2.250	ug/l	98
69) o-Xylene	12.331	106	6171	1.110	ug/l	92
70) Styrene	12.348	104	9890	1.032	ug/l	97
71) Bromoform	12.536	173	1234	2.976	ug/l #	90
73) Isopropylbenzene	12.677	105	13822	1.176	ug/l	100
74) N-amyl acetate	12.466	43	6744	0.895	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.965	83	4818	1.064	ug/l	91
76) 1,2,3-Trichloropropane	13.018	75	5912	1.362	ug/l #	100
77) Bromobenzene	12.989	156	3999	1.189	ug/l	94
78) n-propylbenzene	13.059	91	16284	1.198	ug/l	100
79) 2-Chlorotoluene	13.165	91	10745	1.188	ug/l	94
80) 1,3,5-Trimethylbenzene	13.224	105	11552	1.140	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.736	75	1100	0.791	ug/l #	80
82) 4-Chlorotoluene	13.271	91	12035	1.265	ug/l	100
83) tert-Butylbenzene	13.523	119	10110	1.200	ug/l	96
84) 1,2,4-Trimethylbenzene	13.576	105	12051	1.133	ug/l	98
85) sec-Butylbenzene	13.723	105	14018	1.240	ug/l	97
86) p-Isopropyltoluene	13.852	119	11870	1.159	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	7668	1.226	ug/l	96
88) 1,4-Dichlorobenzene	13.852	146	7668	1.218	ug/l	95
89) n-Butylbenzene	14.228	91	10868	1.280	ug/l	97
90) Hexachloroethane	14.546	117	891	4.472	ug/l	74
91) 1,2-Dichlorobenzene	14.275	146	6698	1.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.986	75	934	0.990	ug/l	79
93) 1,2,4-Trichlorobenzene	15.774	180	5319	1.382	ug/l	98
94) Hexachlorobutadiene	15.891	225	1715	2.794	ug/l	97
95) Naphthalene	16.056	128	17679	1.280	ug/l	98
96) 1,2,3-Trichlorobenzene	16.291	180	5067	1.313	ug/l	94

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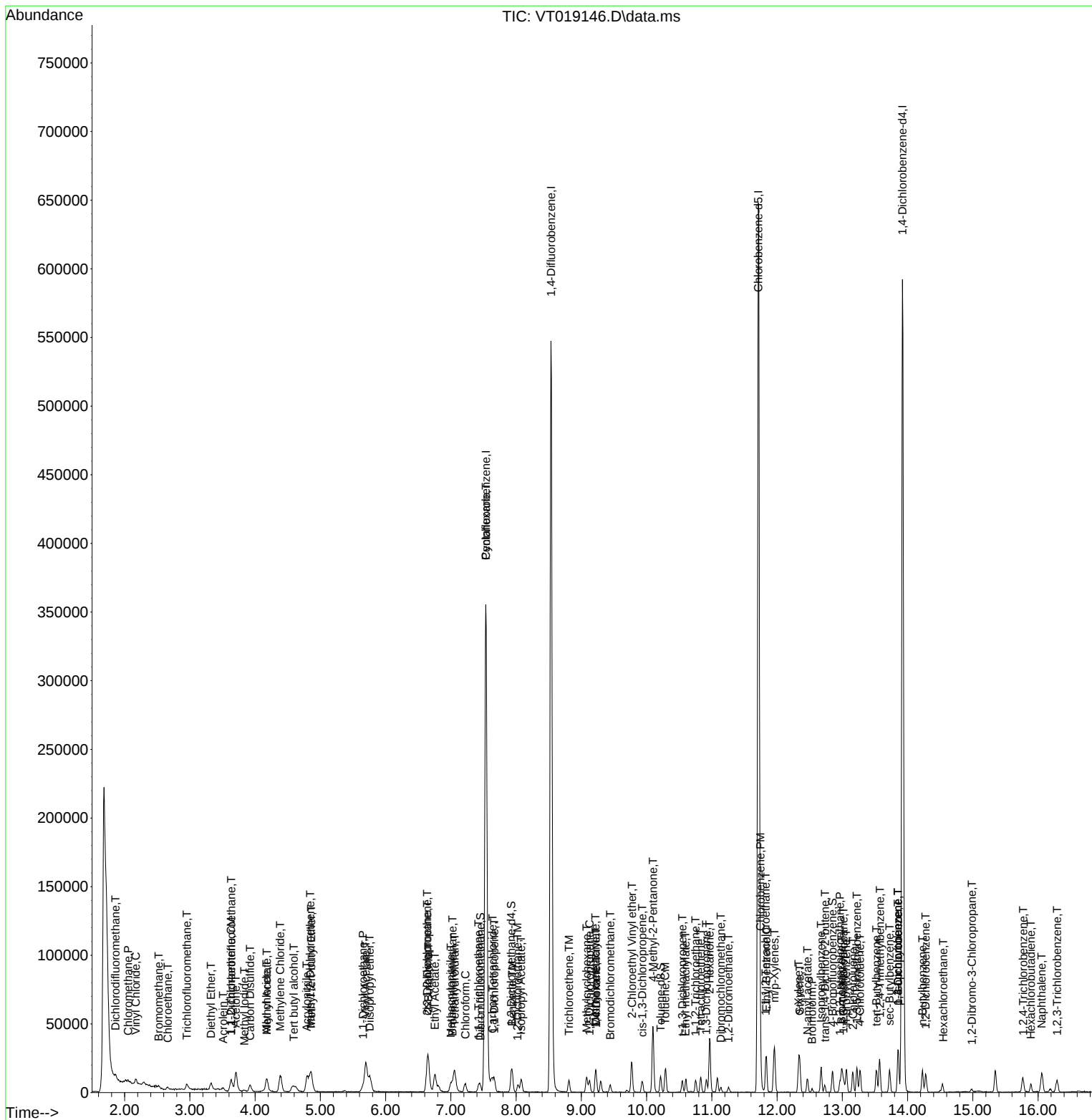
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MSVOA_T
ClientSampleId :
VSTDICC001

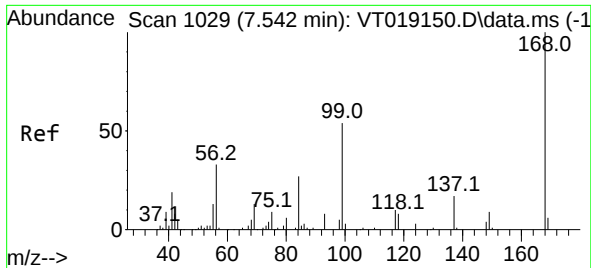
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Quant Title : SW846 8260
QLast Update : Sat Oct 04 01:39:53 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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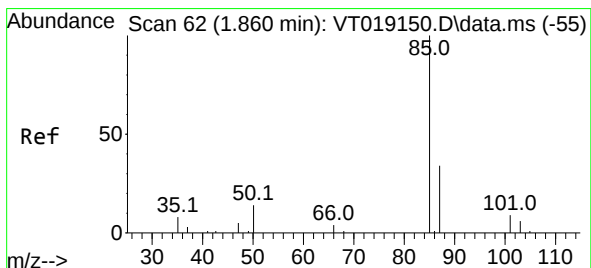
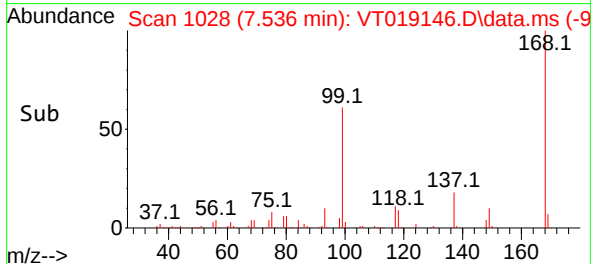
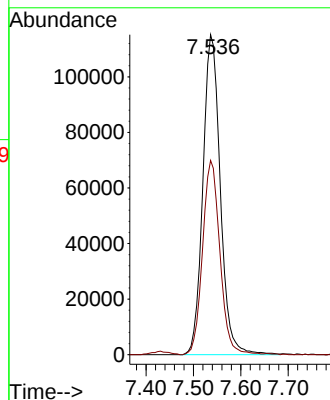
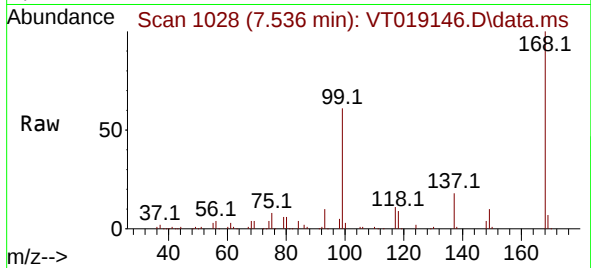




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VT019146.D
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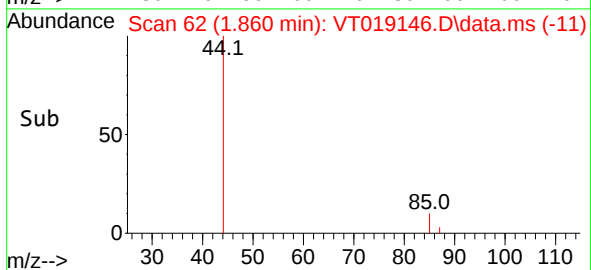
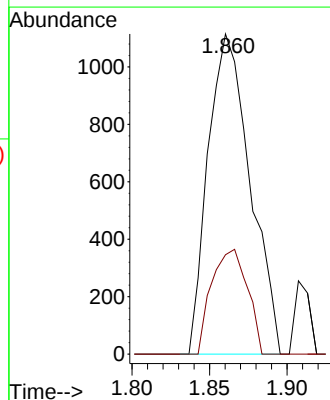
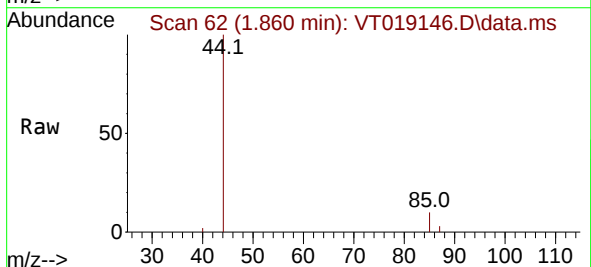
Instrument :
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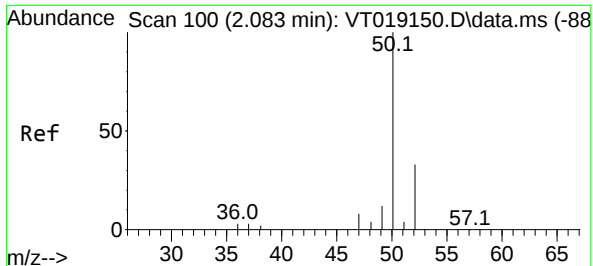
Tgt Ion:168 Resp: 294255
Ion Ratio Lower Upper
168 100
99 60.7 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 1.086 ug/l
RT: 1.860 min Scan# 62
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 85 Resp: 2103
Ion Ratio Lower Upper
85 100
87 31.0 16.8 50.4

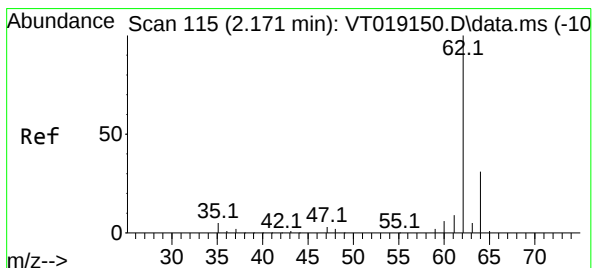
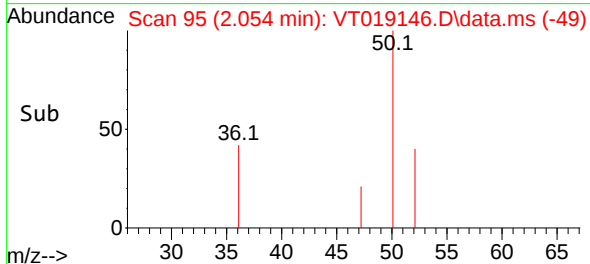
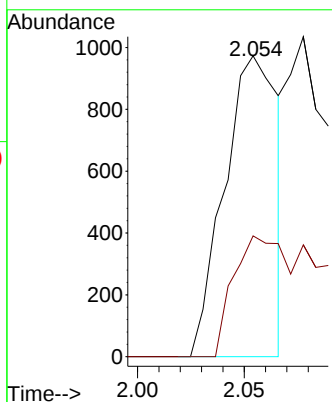
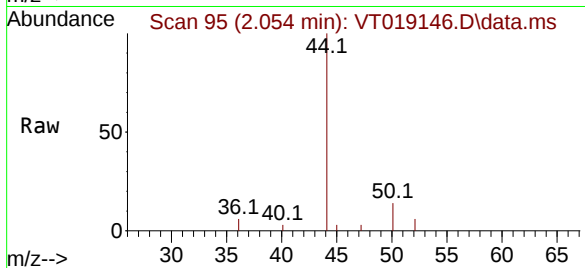




#3
Chloromethane
Concen: 0.483 ug/l
RT: 2.054 min Scan# 91
Delta R.T. -0.029 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

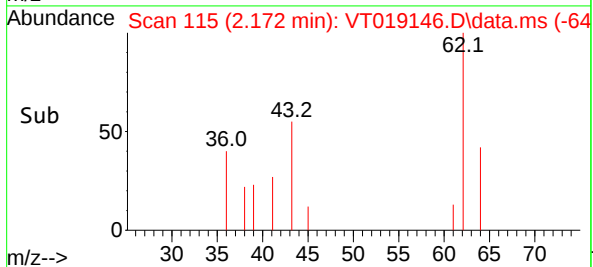
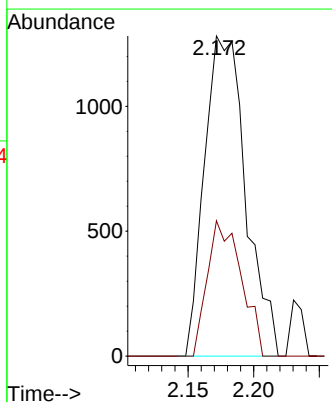
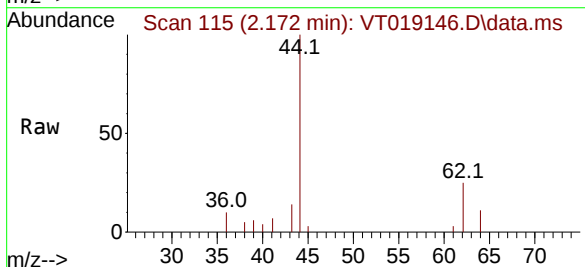
Instrument :
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ClientSampleId :
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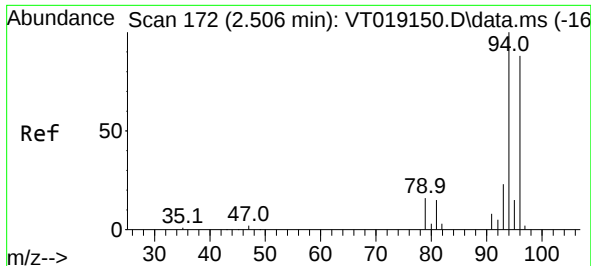
Tgt Ion: 50 Resp: 1693
Ion Ratio Lower Upper
50 100
52 40.2 26.5 39.7#



#4
Vinyl Chloride
Concen: 0.989 ug/l
RT: 2.172 min Scan# 115
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 62 Resp: 2806
Ion Ratio Lower Upper
62 100
64 42.3 25.2 37.8#

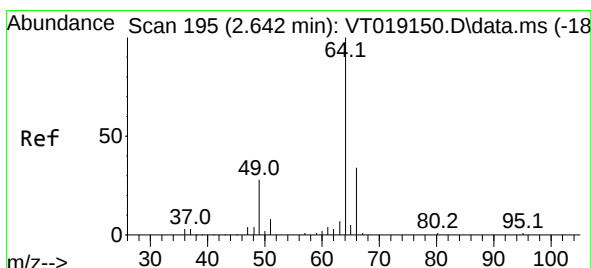
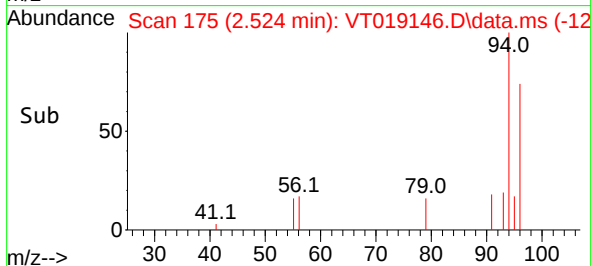
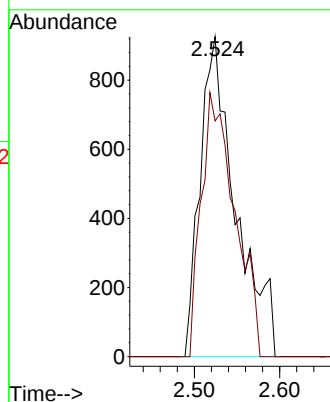
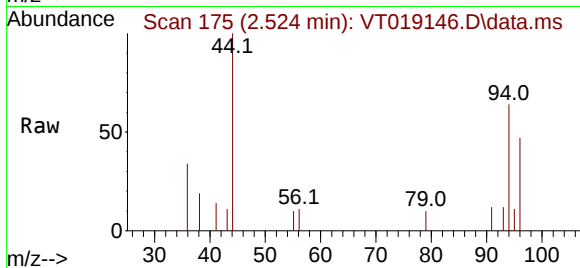




#5
Bromomethane
Concen: 2.158 ug/l
RT: 2.524 min Scan# 11
Delta R.T. 0.018 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

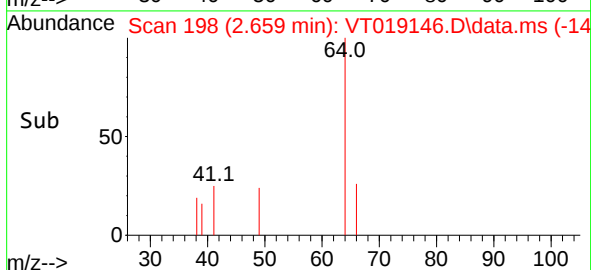
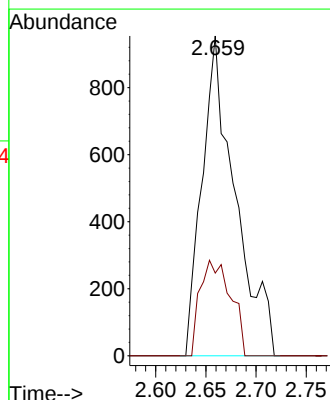
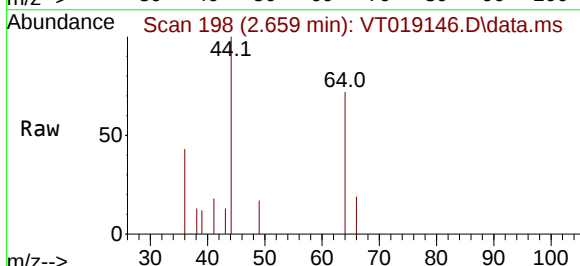
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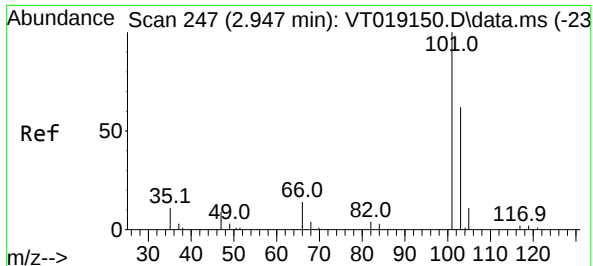
Tgt Ion: 94 Resp: 2686
Ion Ratio Lower Upper
94 100
96 73.7 70.8 106.2



#6
Chloroethane
Concen: 1.718 ug/l
RT: 2.659 min Scan# 198
Delta R.T. 0.018 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 64 Resp: 2187
Ion Ratio Lower Upper
64 100
66 25.9 26.9 40.3#

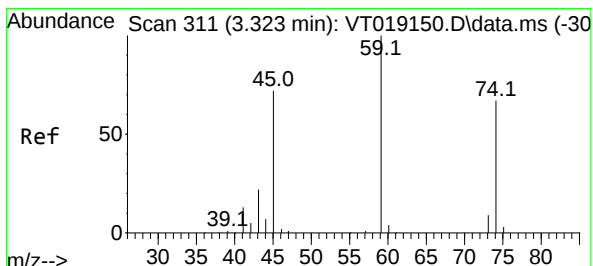
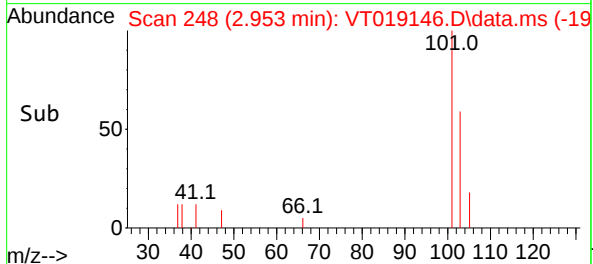
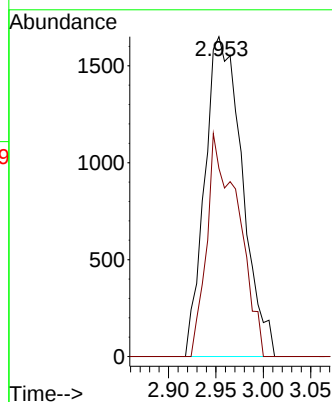
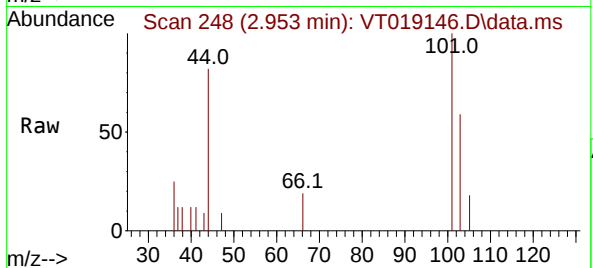




#7
 Trichlorofluoromethane
 Concen: 1.229 ug/l
 RT: 2.953 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

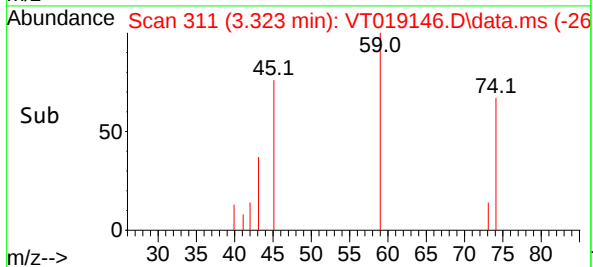
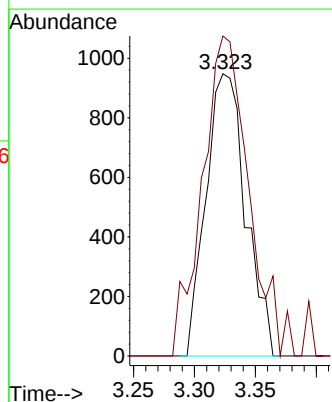
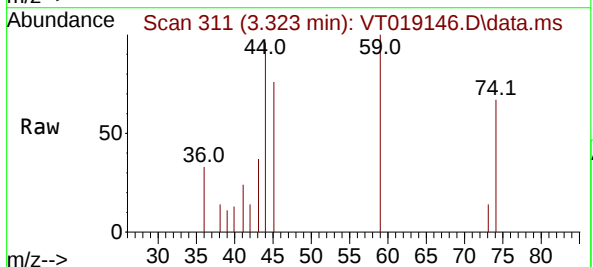
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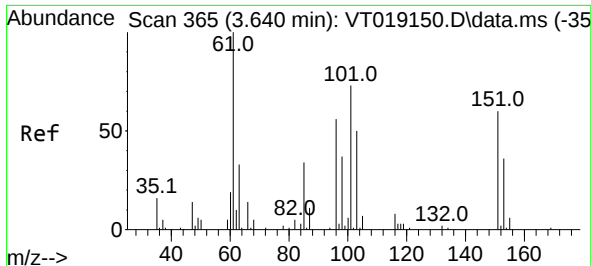
Tgt Ion:101 Resp: 4524
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.9 74.9



#8
 Diethyl Ether
 Concen: 0.840 ug/l
 RT: 3.323 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion: 74 Resp: 2145
 Ion Ratio Lower Upper
 74 100
 45 132.9 52.3 156.8

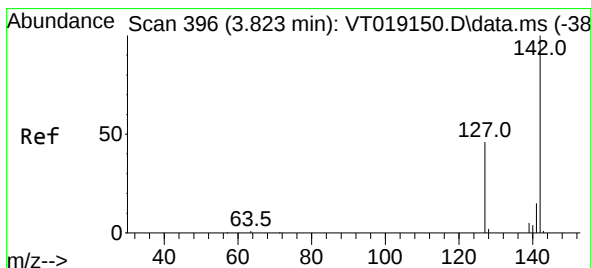
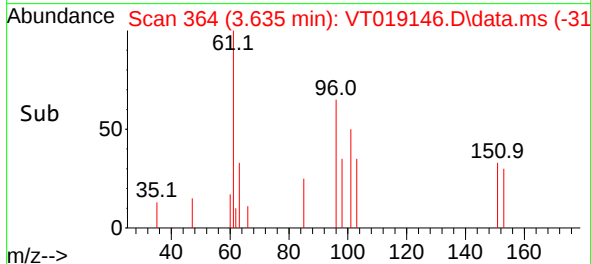
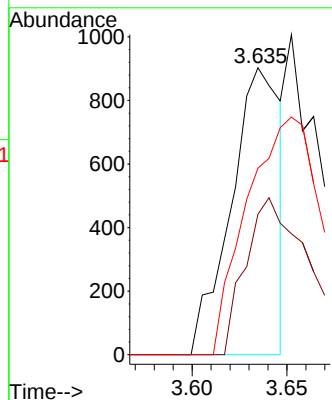
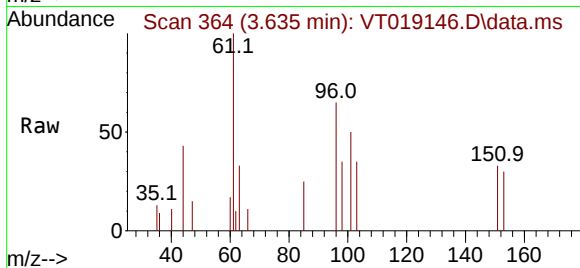




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.758 ug/l
RT: 3.635 min Scan# 30
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

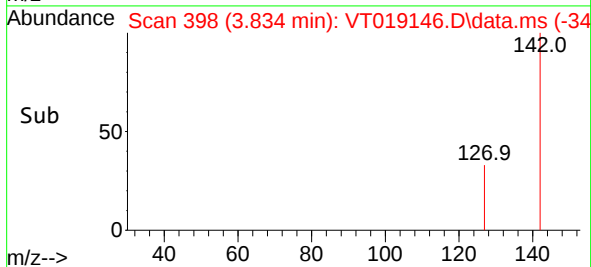
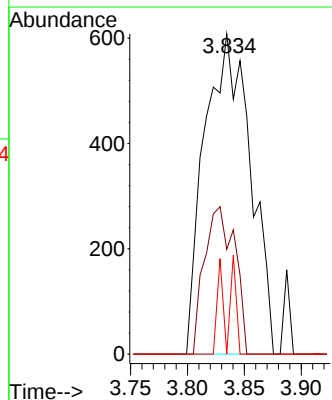
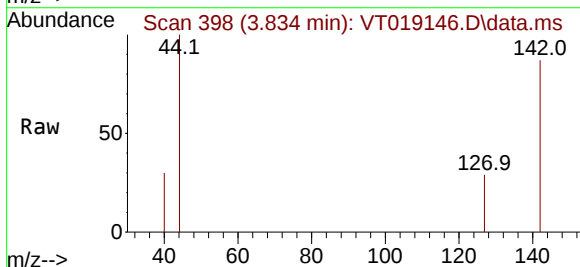
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

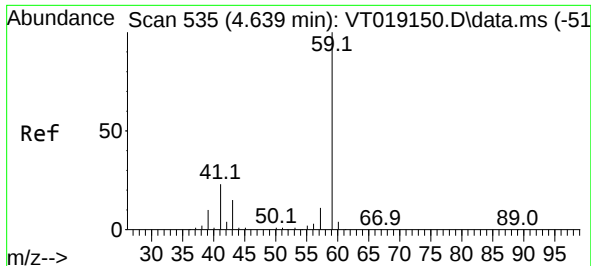
Tgt Ion:101 Resp: 1636
Ion Ratio Lower Upper
101 100
85 65.4 37.0 55.6#
151 128.2 63.8 95.6#



#10
Methyl Iodide
Concen: 0.492 ug/l
RT: 3.834 min Scan# 398
Delta R.T. 0.012 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:142 Resp: 1701
Ion Ratio Lower Upper
142 100
127 30.5 35.0 52.4#
141 7.6 11.4 17.2#

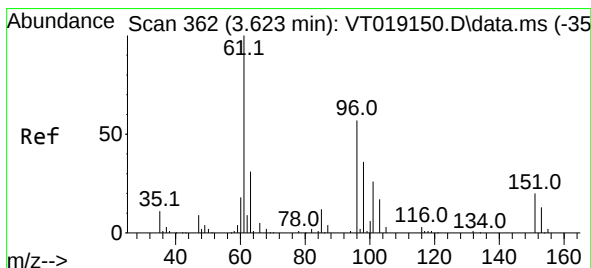
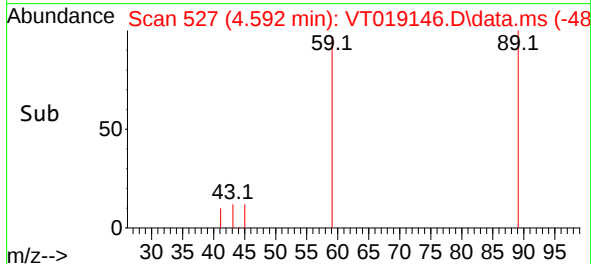
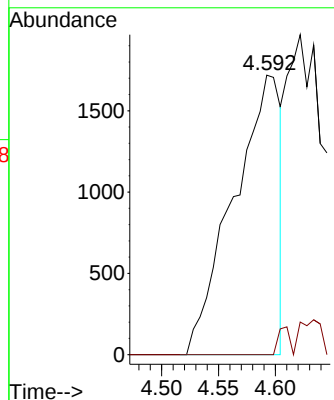
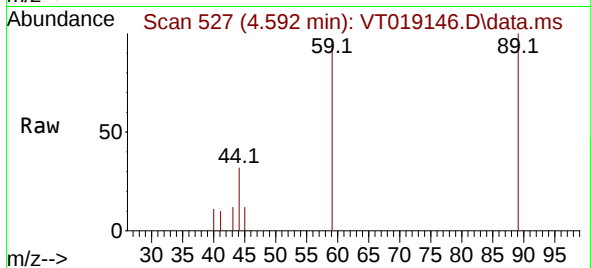




#11
Tert butyl alcohol
Concen: 3.465 ug/l
RT: 4.592 min Scan# 51
Delta R.T. -0.047 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

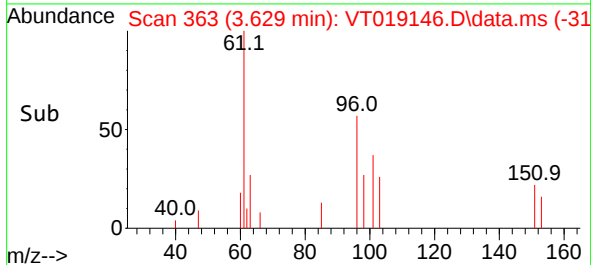
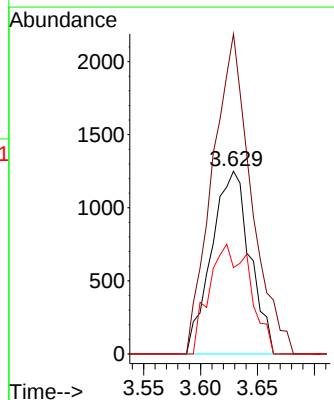
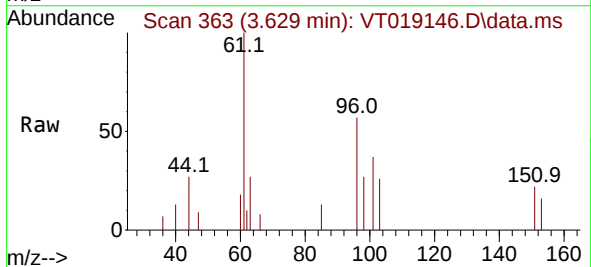
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

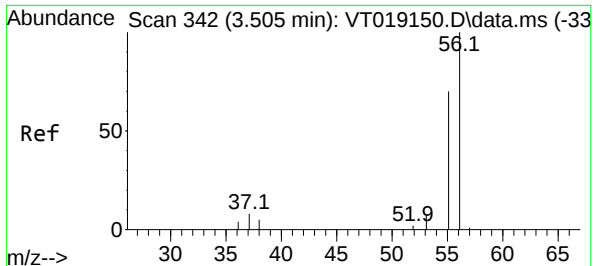
Tgt Ion: 59 Resp: 4934
Ion Ratio Lower Upper
59 100
57 2.4 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 1.044 ug/l
RT: 3.629 min Scan# 363
Delta R.T. 0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 96 Resp: 2932
Ion Ratio Lower Upper
96 100
61 175.1 141.4 212.2
98 47.3 50.7 76.1#





#13

Acrolein

Concen: 7.894 ug/l

RT: 3.511 min Scan# 34

Delta R.T. 0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

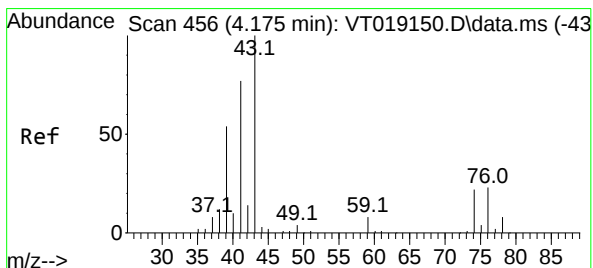
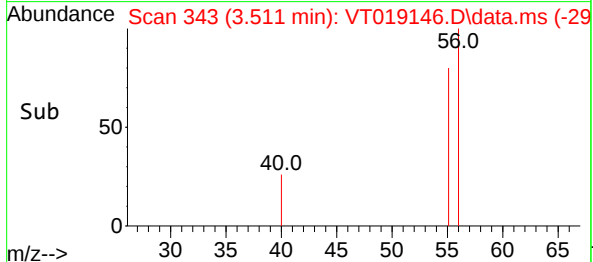
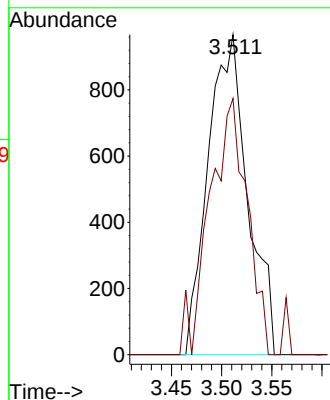
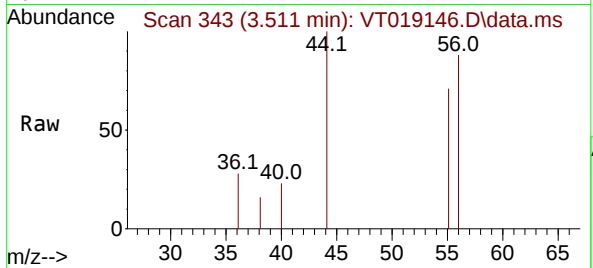
VSTDIC001

Tgt Ion: 56 Resp: 2655

Ion Ratio Lower Upper

56 100

55 75.7 59.4 89.0



#14

Allyl chloride

Concen: 1.024 ug/l

RT: 4.175 min Scan# 456

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

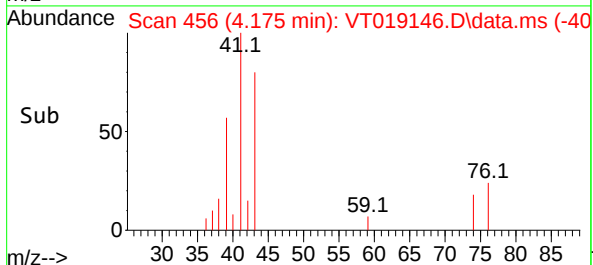
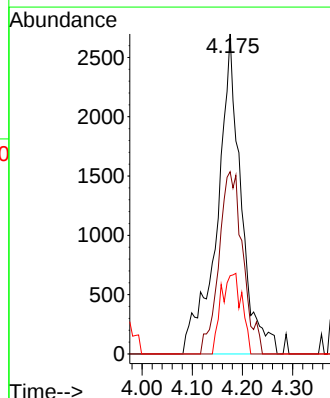
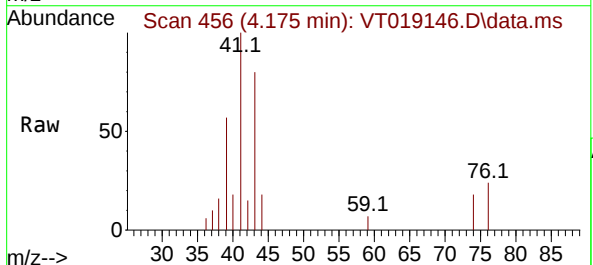
Tgt Ion: 41 Resp: 8923

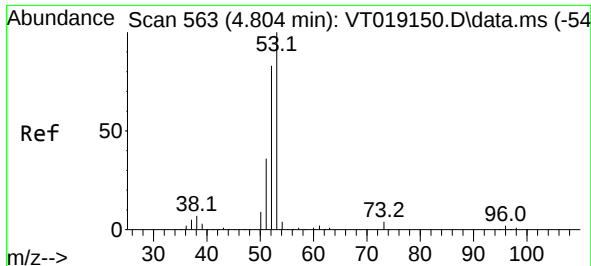
Ion Ratio Lower Upper

41 100

39 57.0 49.9 74.9

76 21.8 20.8 31.2

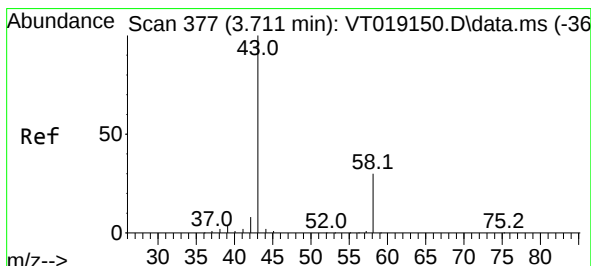
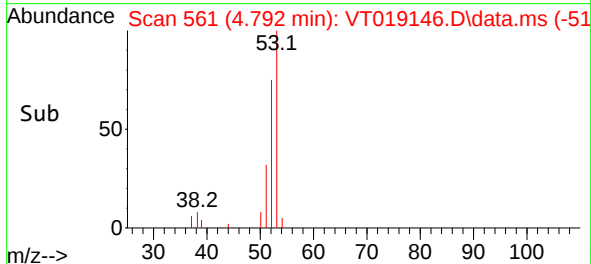
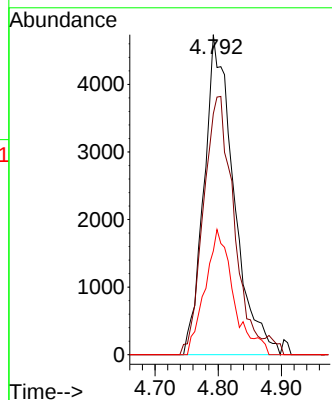
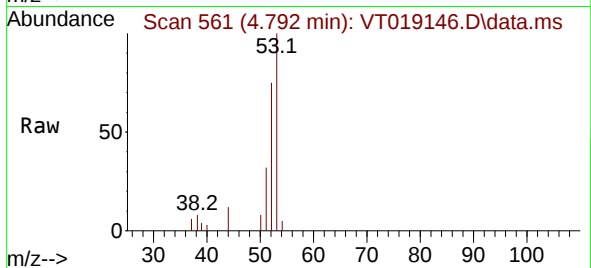




#15
Acrylonitrile
Concen: 4.371 ug/l
RT: 4.792 min Scan# 51
Delta R.T. -0.012 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

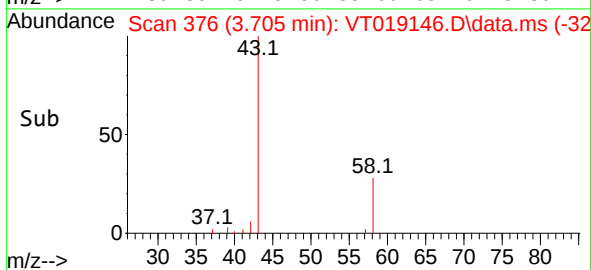
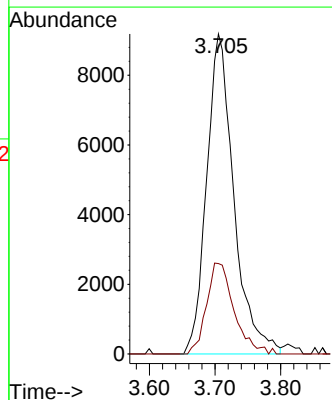
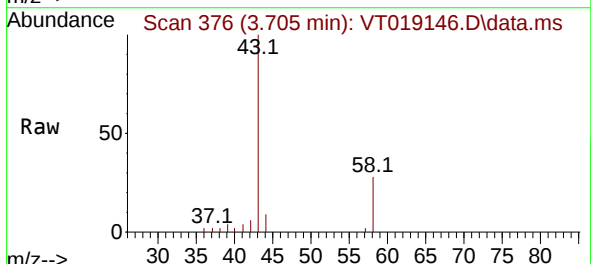
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

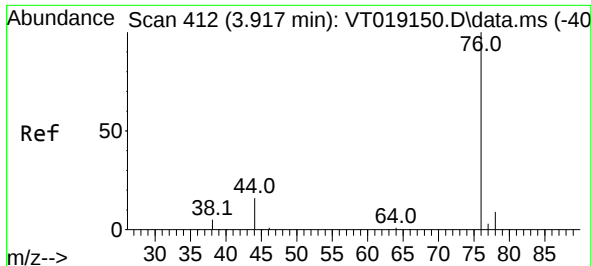
Tgt Ion: 53 Resp: 15490
Ion Ratio Lower Upper
53 100
52 81.8 65.9 98.9
51 37.3 29.4 44.2



#16
Acetone
Concen: 6.342 ug/l
RT: 3.705 min Scan# 376
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 43 Resp: 26451
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.8

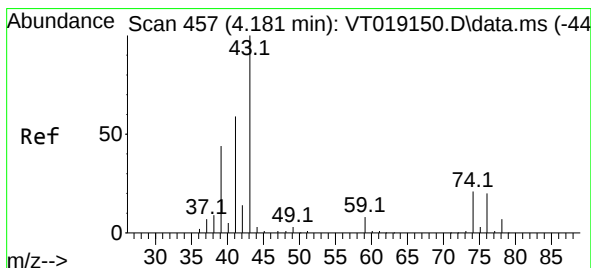
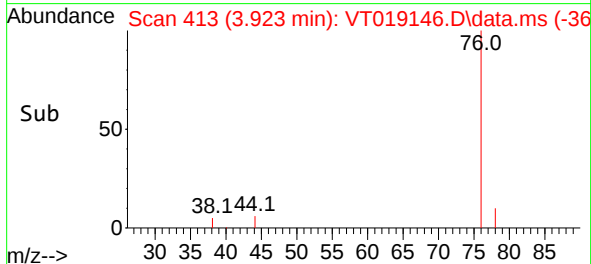
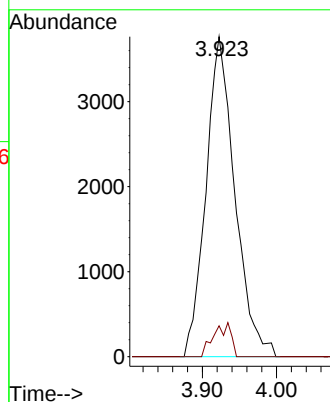
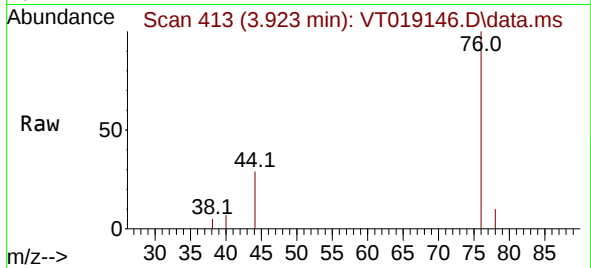




#17
Carbon Disulfide
Concen: 1.384 ug/l
RT: 3.923 min Scan# 412
Delta R.T. 0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

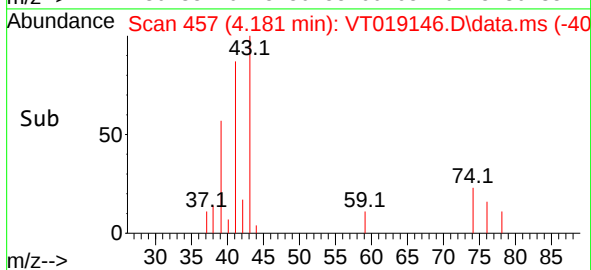
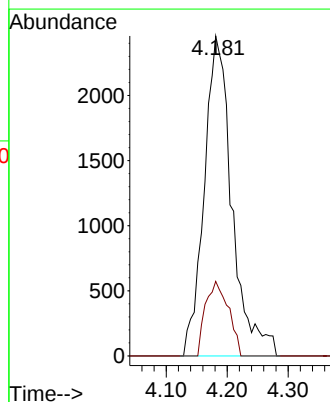
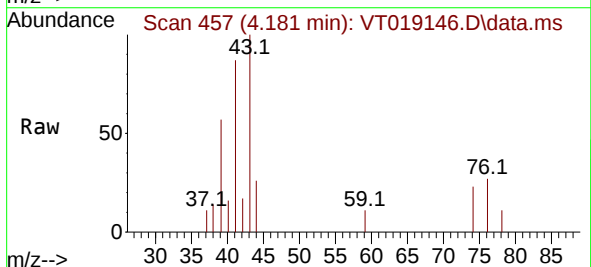
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

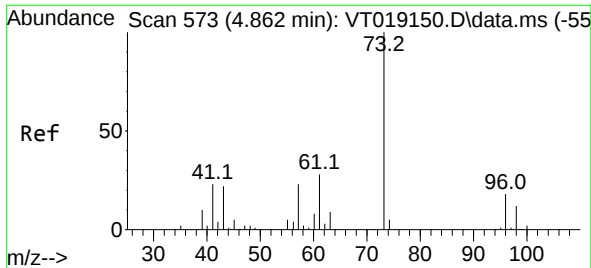
Tgt Ion: 76 Resp: 10197
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 0.815 ug/l
RT: 4.181 min Scan# 457
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 43 Resp: 7797
Ion Ratio Lower Upper
43 100
74 19.1 16.7 25.1

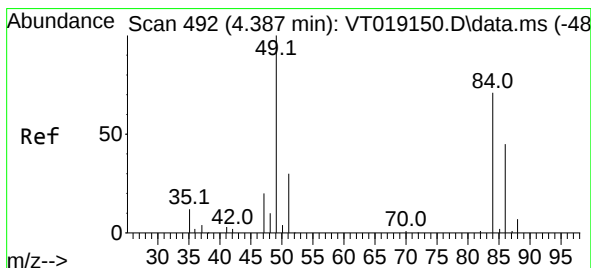
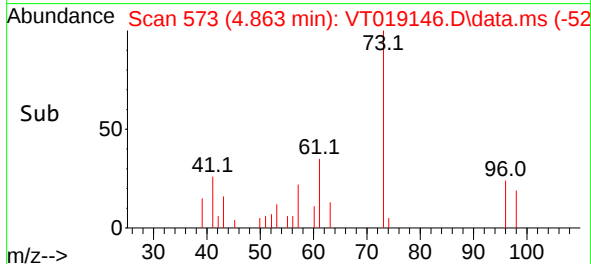
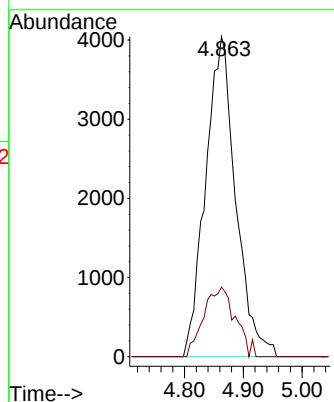
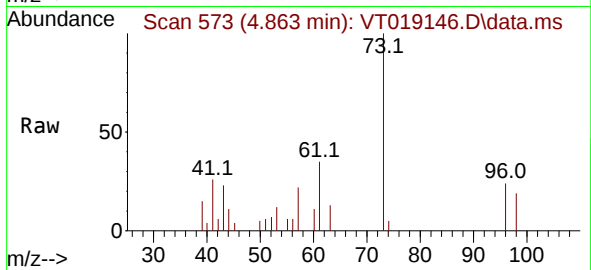




#19
Methyl tert-butyl Ether
Concen: 0.862 ug/l
RT: 4.863 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

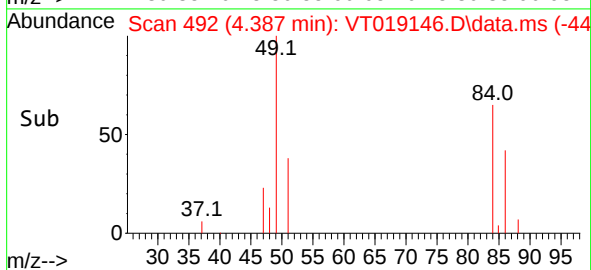
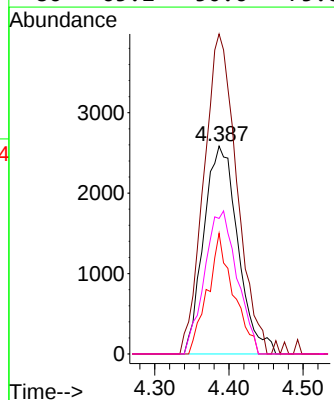
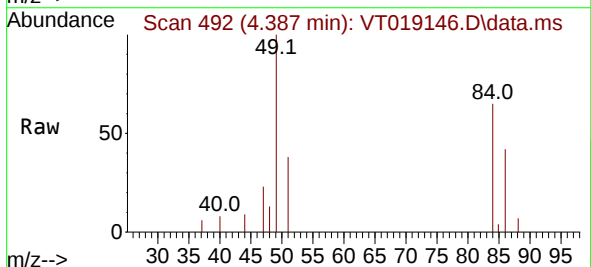
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

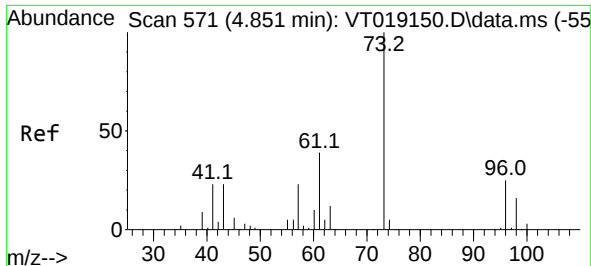
Tgt Ion: 73 Resp: 14367
Ion Ratio Lower Upper
73 100
57 21.7 18.8 28.2



#20
Methylene Chloride
Concen: 1.482 ug/l
RT: 4.387 min Scan# 492
Delta R.T. -0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 84 Resp: 8270
Ion Ratio Lower Upper
84 100
49 154.0 113.1 169.7
51 58.0 33.6 50.4#
86 65.2 50.6 75.8

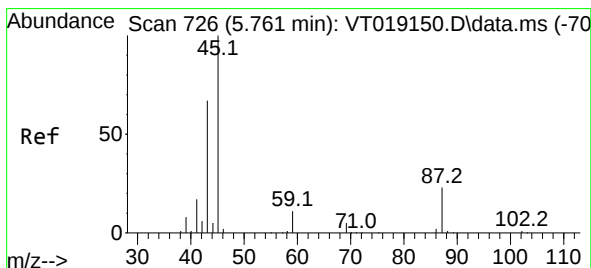
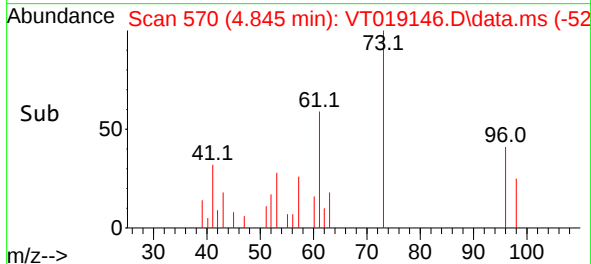
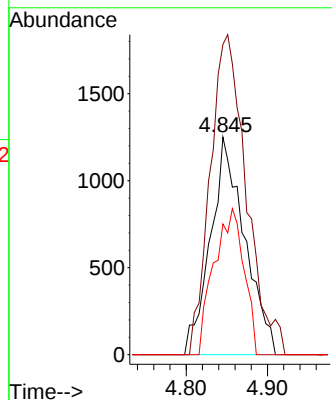
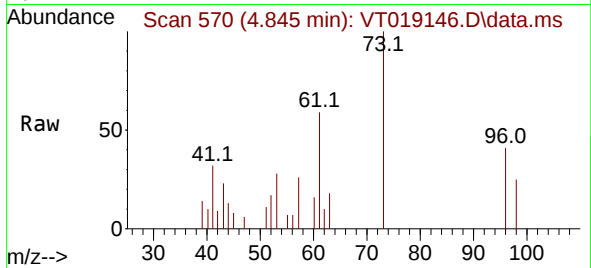




#21
trans-1,2-Dichloroethene
Concen: 1.062 ug/l
RT: 4.845 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

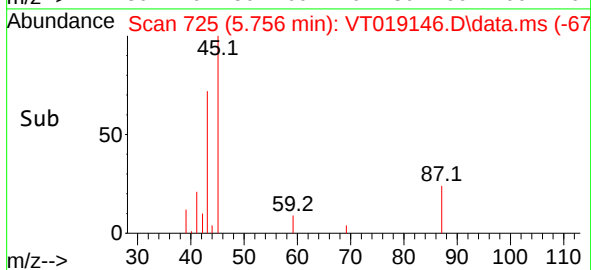
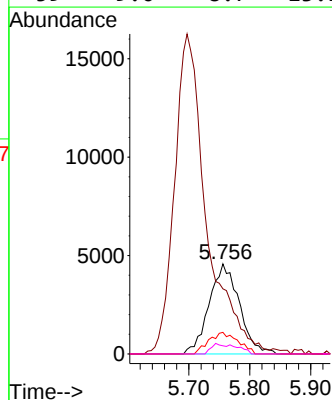
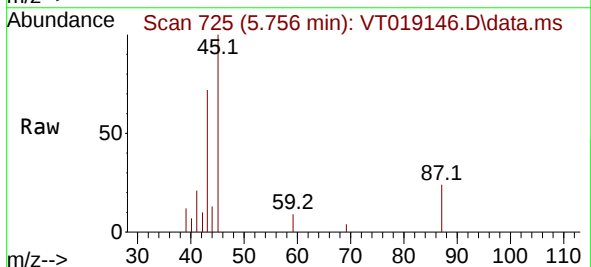
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

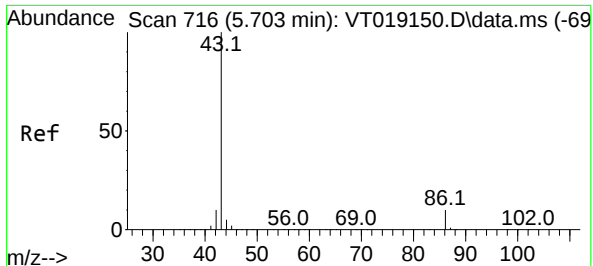
Tgt Ion: 96 Resp: 3663
Ion Ratio Lower Upper
96 100
61 142.5 124.6 187.0
98 60.0 50.9 76.3



#22
Diisopropyl ether
Concen: 0.875 ug/l
RT: 5.756 min Scan# 725
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 45 Resp: 15717
Ion Ratio Lower Upper
45 100
43 68.4 54.2 81.4
87 23.9 18.9 28.3
59 9.0 8.7 13.1

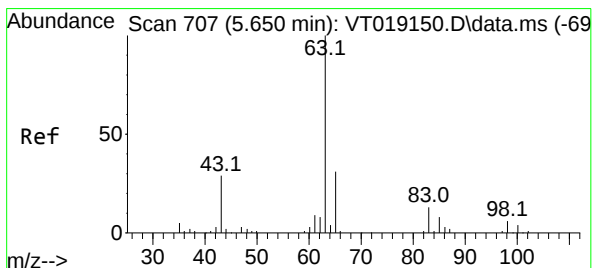
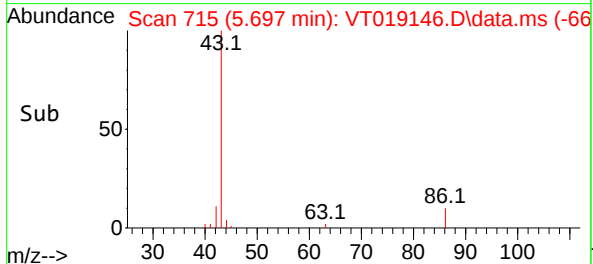
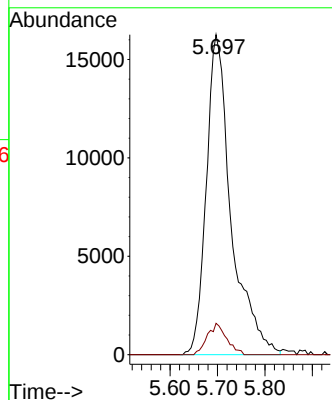
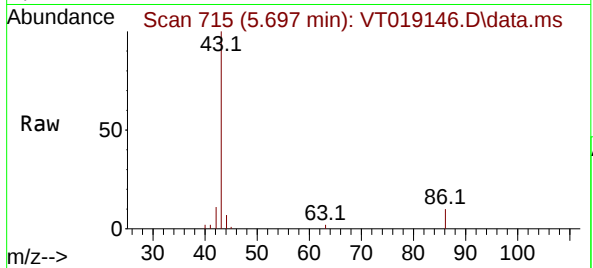




#23
 Vinyl Acetate
 Concen: 4.121 ug/l
 RT: 5.697 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

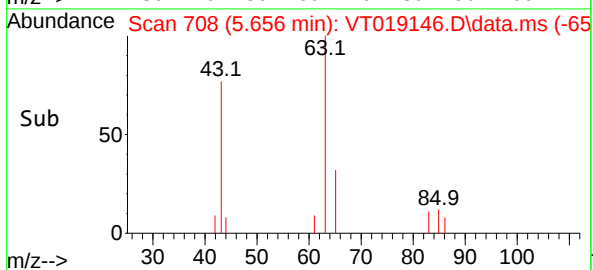
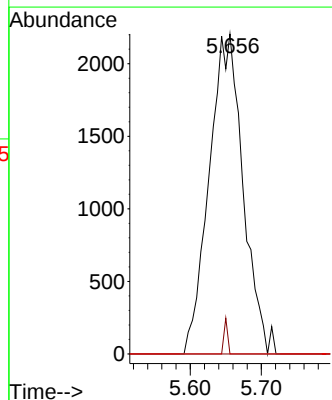
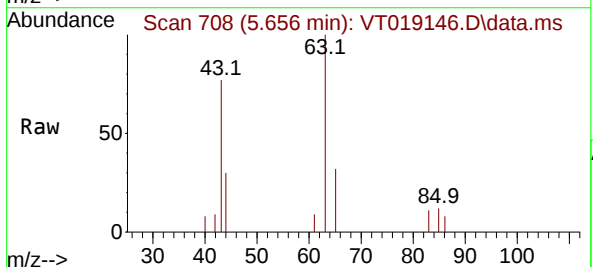
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

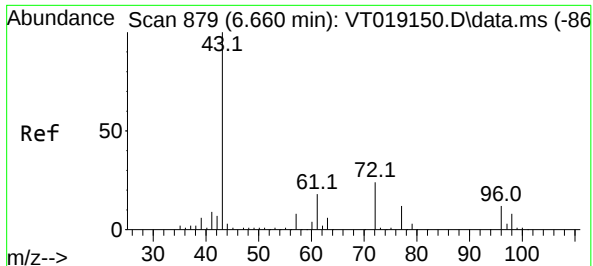
Tgt Ion: 43 Resp: 59190
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 0.915 ug/l
 RT: 5.656 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion: 63 Resp: 7306
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.4#
 100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 4.998 ug/l

RT: 6.655 min Scan# 81

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

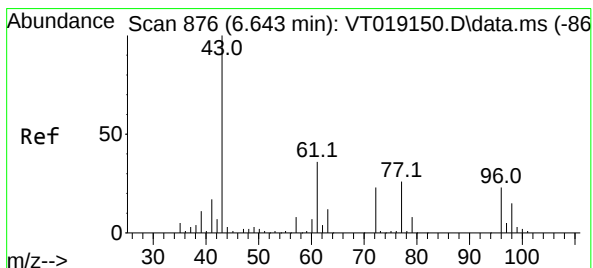
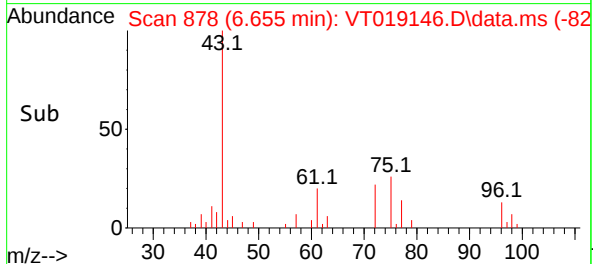
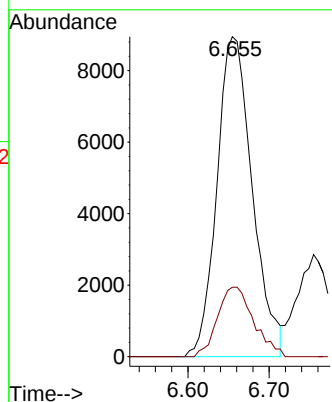
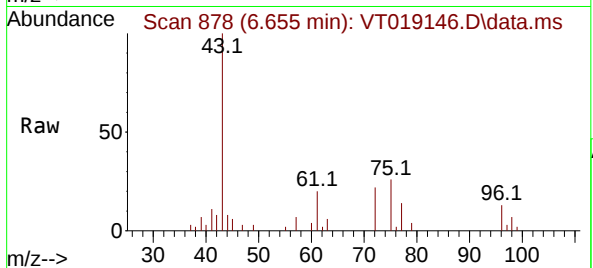
VSTDIC001

Tgt Ion: 43 Resp: 27070

Ion Ratio Lower Upper

43 100

72 21.7 19.0 28.6



#26

2,2-Dichloropropane

Concen: 1.009 ug/l

RT: 6.637 min Scan# 875

Delta R.T. -0.006 min

Lab File: VT019146.D

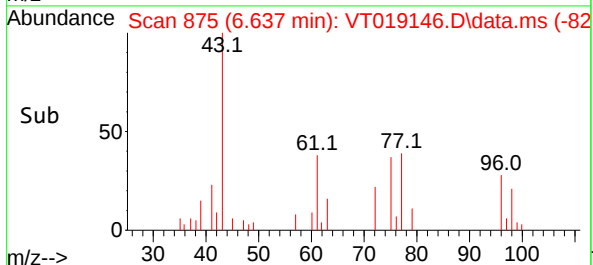
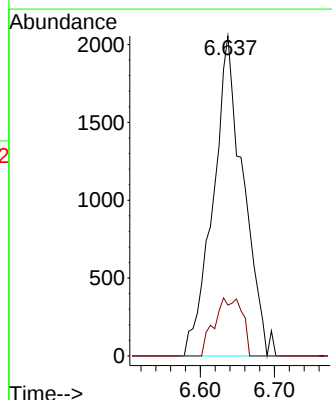
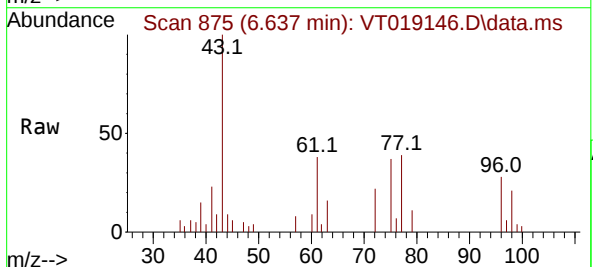
Acq: 3 Oct 2025 15:10

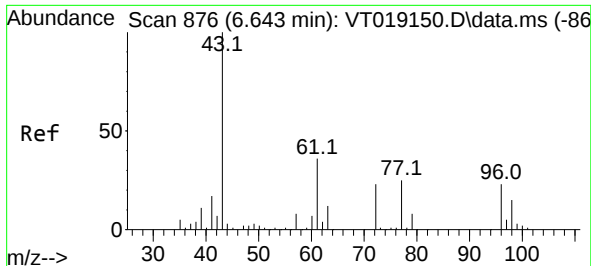
Tgt Ion: 77 Resp: 5811

Ion Ratio Lower Upper

77 100

97 16.7 10.7 32.1

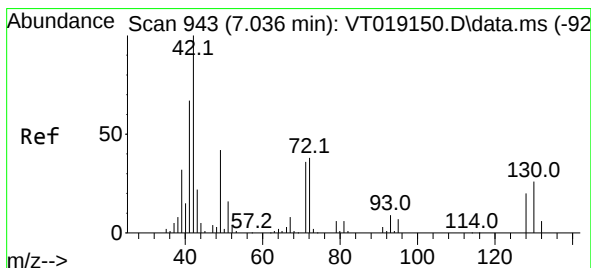
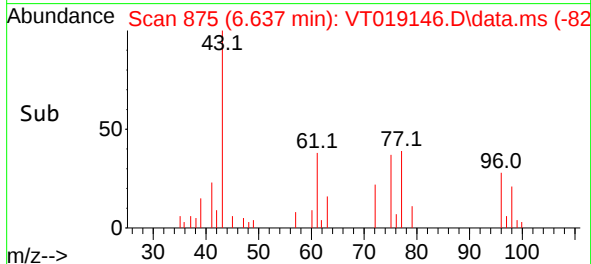
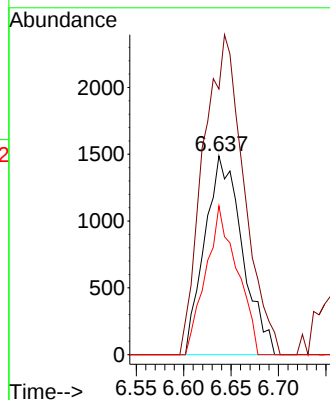
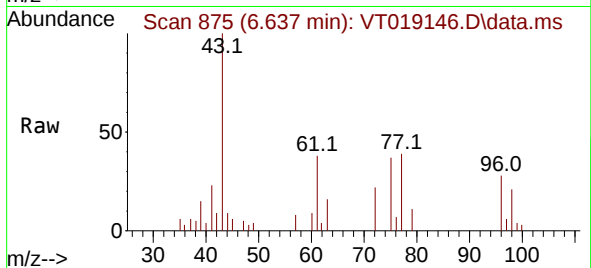




#27
 cis-1,2-Dichloroethene
 Concen: 0.884 ug/l
 RT: 6.637 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

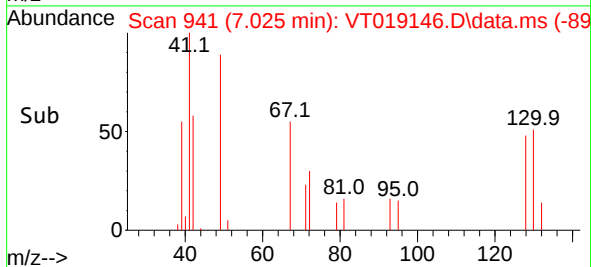
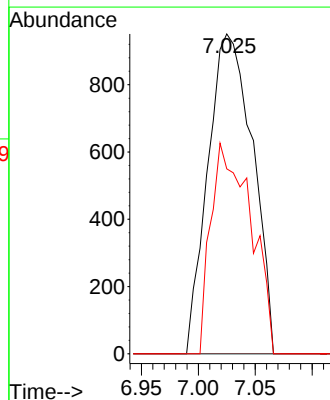
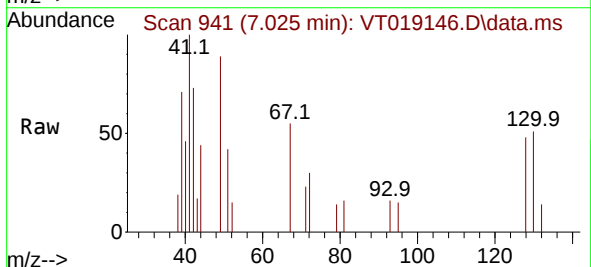
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

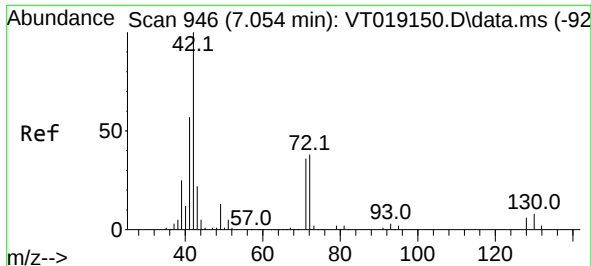
Tgt Ion: 96	Resp: 4093
Ion Ratio	Lower Upper
96 100	
61 174.4	0.0 309.0
98 62.5	0.0 128.4



#28
 Bromochloromethane
 Concen: 0.925 ug/l
 RT: 7.025 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion: 49	Resp: 2599		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	0.0	
130 59.1	48.6	73.0	





#29

Tetrahydrofuran

Concen: 4.301 ug/l

RT: 7.060 min Scan# 946

Delta R.T. 0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

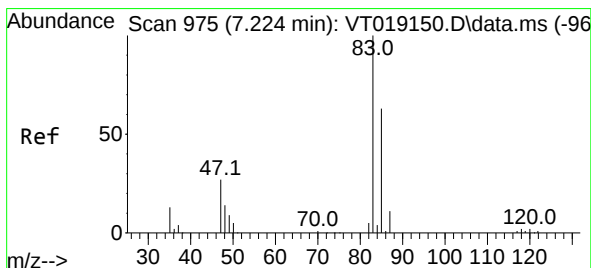
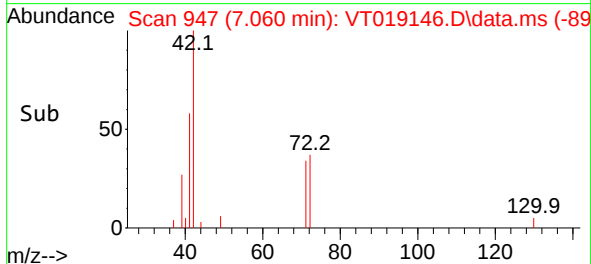
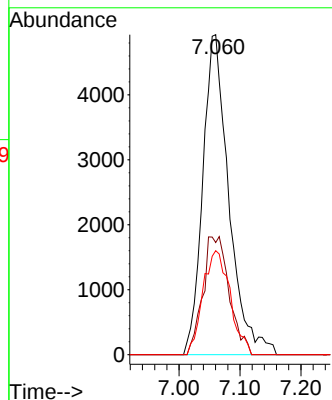
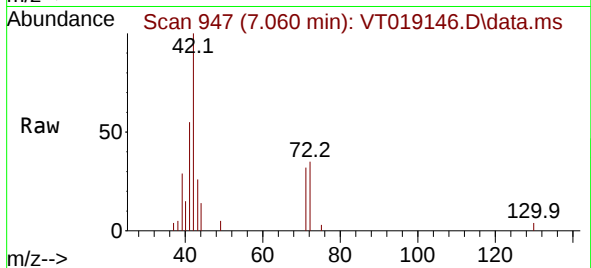
Tgt Ion: 42 Resp: 14649

Ion Ratio Lower Upper

42 100

72 37.3 30.1 45.1

71 33.8 28.4 42.6



#30

Chloroform

Concen: 0.892 ug/l

RT: 7.225 min Scan# 975

Delta R.T. 0.000 min

Lab File: VT019146.D

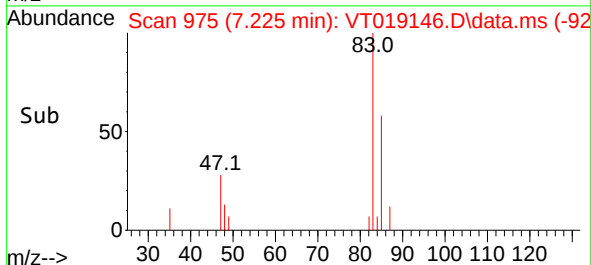
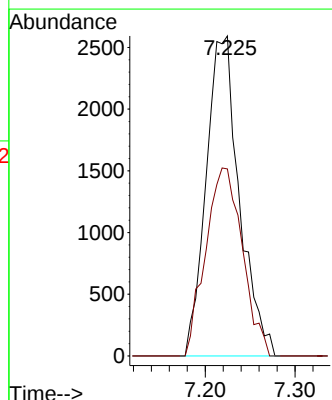
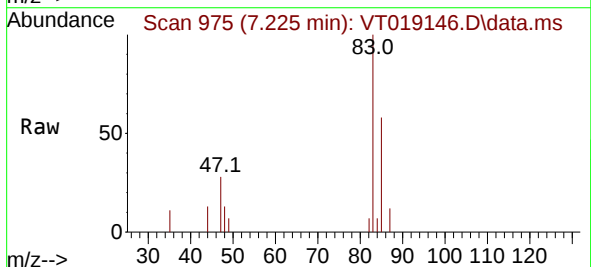
Acq: 3 Oct 2025 15:10

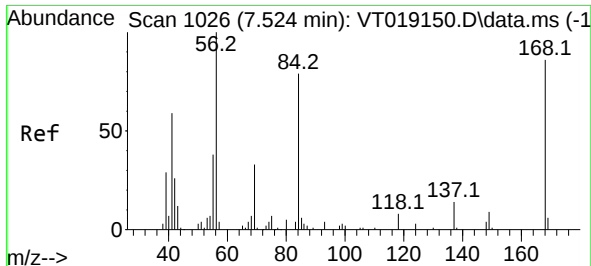
Tgt Ion: 83 Resp: 6656

Ion Ratio Lower Upper

83 100

85 58.4 50.6 76.0

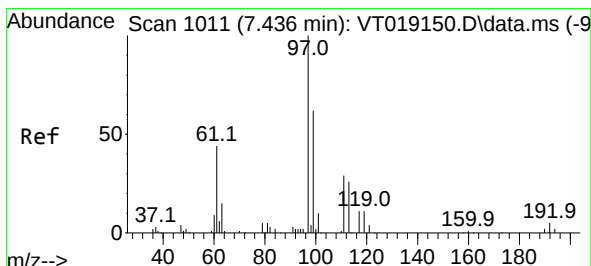
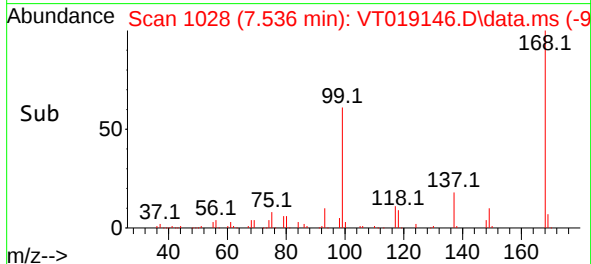
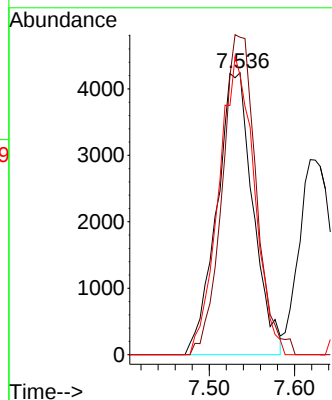
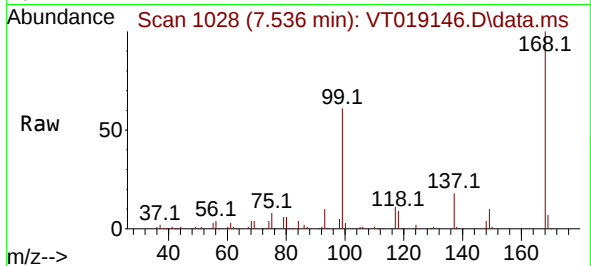




#31
Cyclohexane
Concen: 2.023 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. 0.012 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

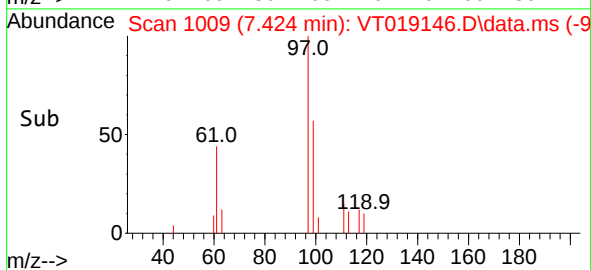
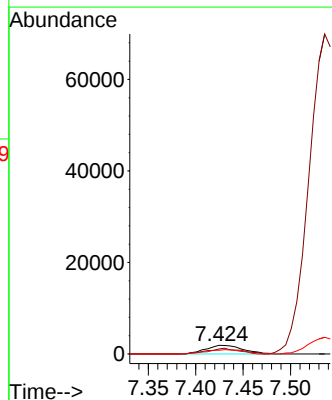
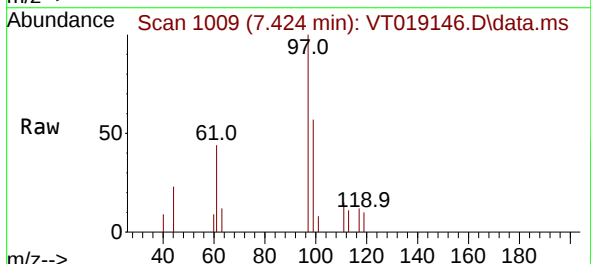
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

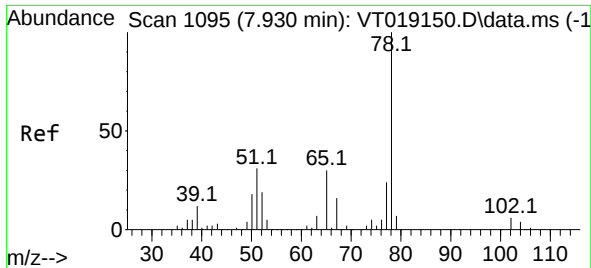
Tgt Ion: 56 Resp: 12541
Ion Ratio Lower Upper
56 100
69 112.6 26.1 39.1#
84 99.2 63.6 95.4#



#32
1,1,1-Trichloroethane
Concen: 0.969 ug/l
RT: 7.424 min Scan# 1009
Delta R.T. -0.012 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 97 Resp: 5119
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 46.7 37.1 55.7

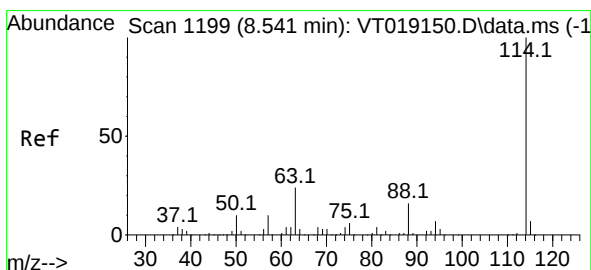
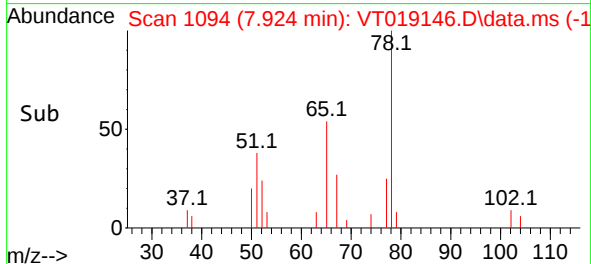
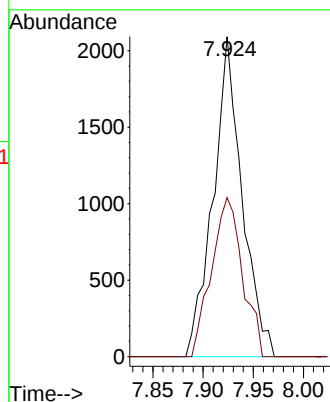
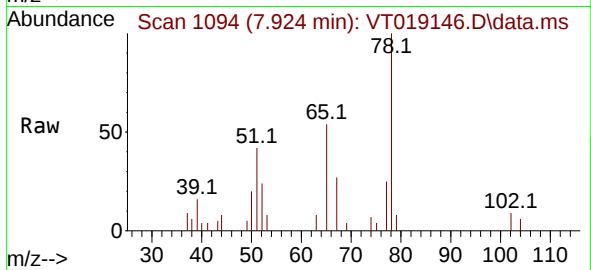




#33
 1,2-Dichloroethane-d4
 Concen: 1.074 ug/l
 RT: 7.924 min Scan# 1094
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

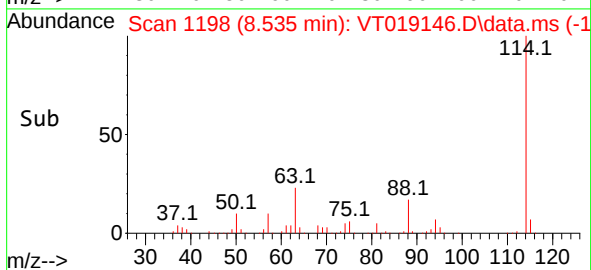
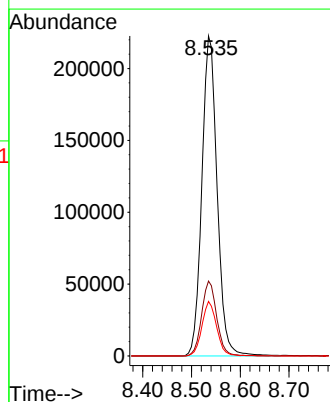
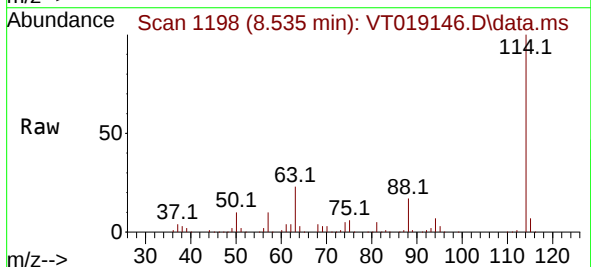
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

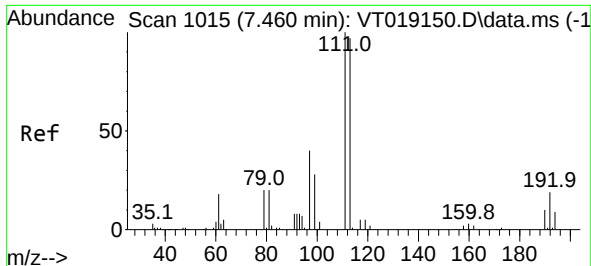
Tgt Ion: 65 Resp: 4184
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.535 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion: 114 Resp: 484000
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 17.1 0.0 32.6

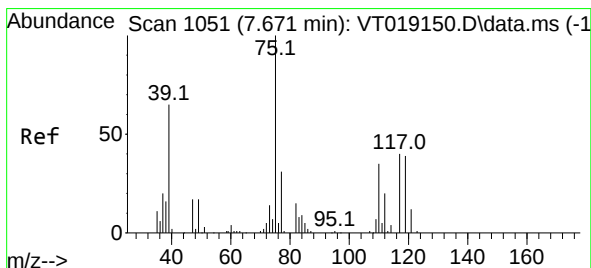
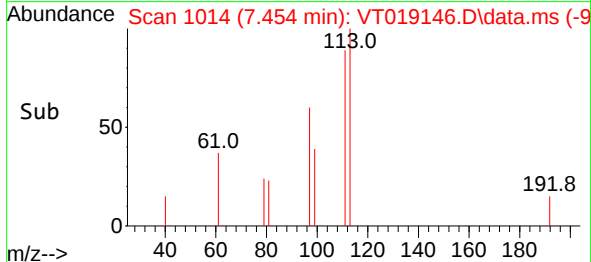
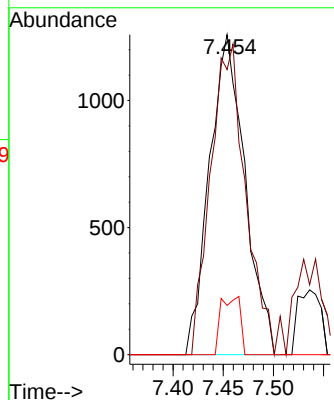
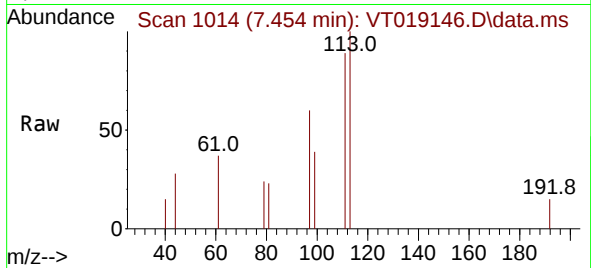




#35
 Dibromofluoromethane
 Concen: 1.165 ug/l
 RT: 7.454 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

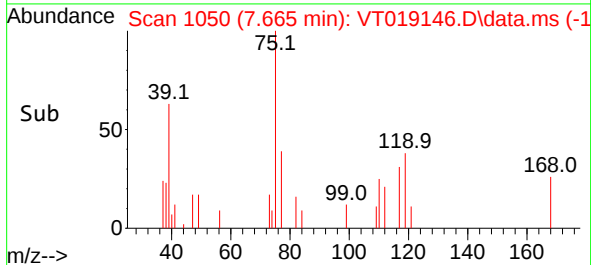
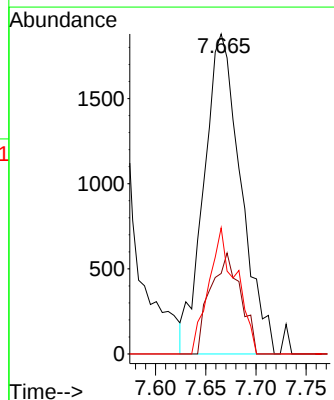
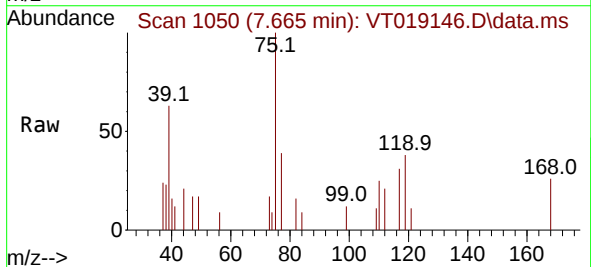
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

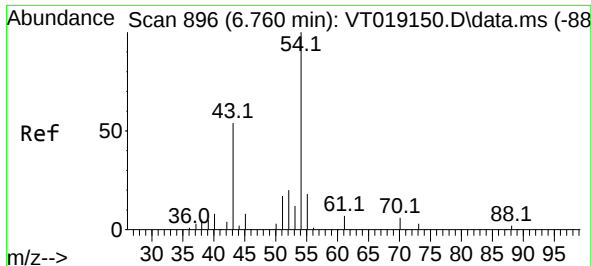
Tgt Ion:113 Resp: 3102
 Ion Ratio Lower Upper
 113 100
 111 95.4 81.6 122.4
 192 9.8 15.3 22.9#



#36
 1,1-Dichloropropene
 Concen: 1.223 ug/l
 RT: 7.665 min Scan# 1050
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion: 75 Resp: 4795
 Ion Ratio Lower Upper
 75 100
 110 25.7 16.1 48.2
 77 29.6 25.1 37.7

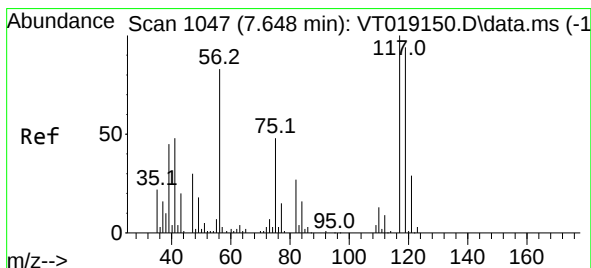
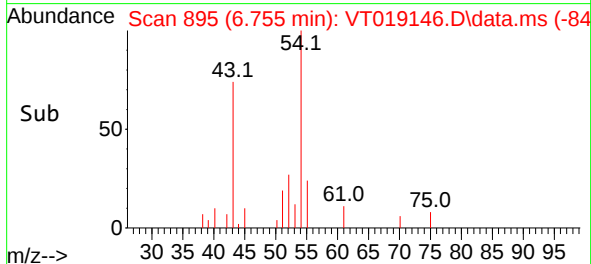
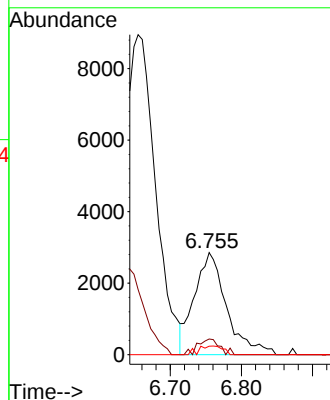
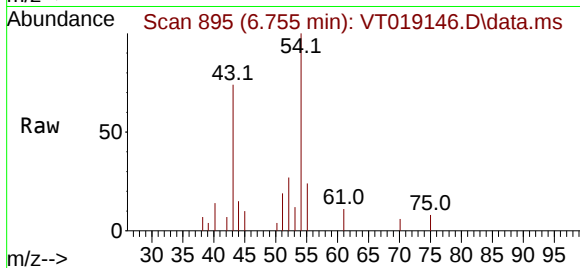




#37
Ethyl Acetate
Concen: 0.977 ug/l
RT: 6.755 min Scan# 896
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

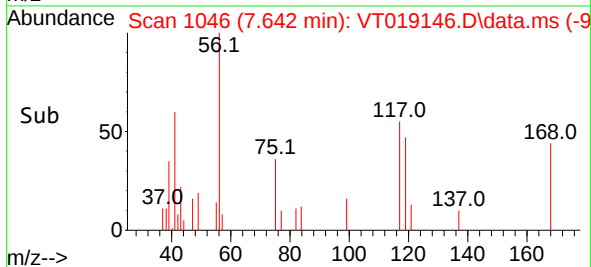
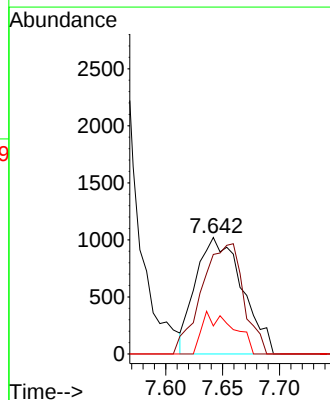
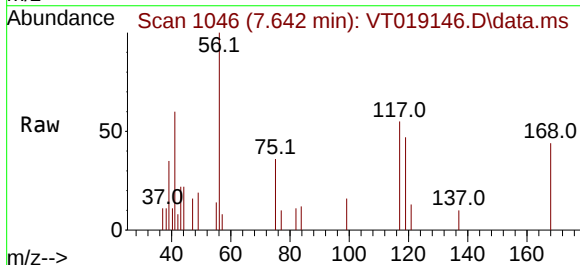
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

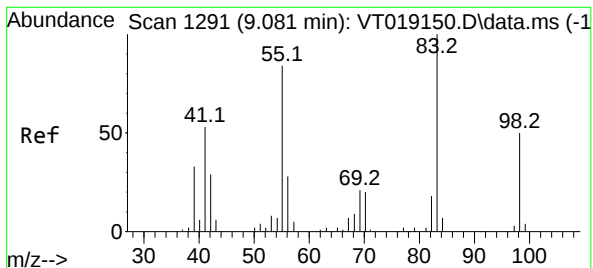
Tgt Ion: 43 Resp: 8991
Ion Ratio Lower Upper
43 100
61 10.5 10.0 15.0
70 6.3 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 0.994 ug/l
RT: 7.642 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 117 Resp: 2908
Ion Ratio Lower Upper
117 100
119 85.5 75.0 112.6
121 24.1 23.3 34.9





#39

Methylcyclohexane

Concen: 1.379 ug/l

RT: 9.081 min Scan# 1291

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC001

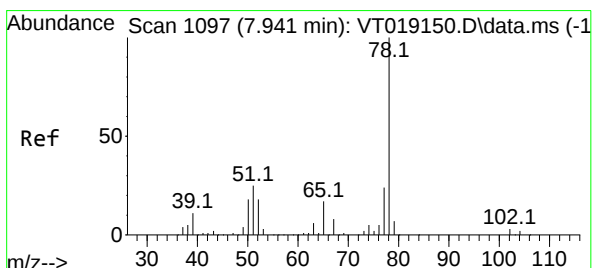
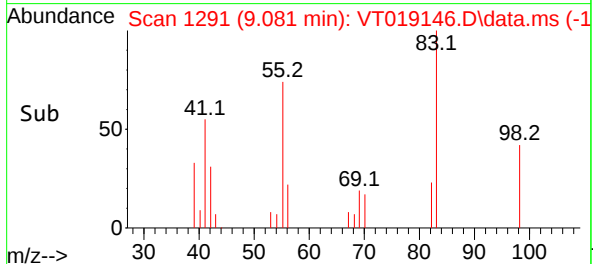
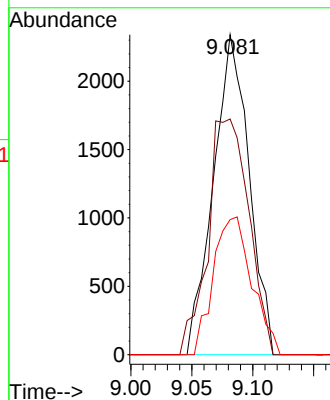
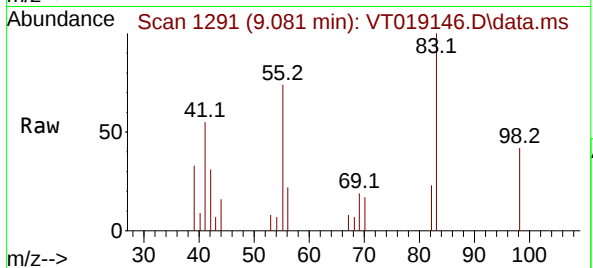
Tgt Ion: 83 Resp: 4771

Ion Ratio Lower Upper

83 100

55 73.6 67.5 101.3

98 42.2 39.9 59.9



#40

Benzene

Concen: 1.003 ug/l

RT: 7.941 min Scan# 1097

Delta R.T. 0.000 min

Lab File: VT019146.D

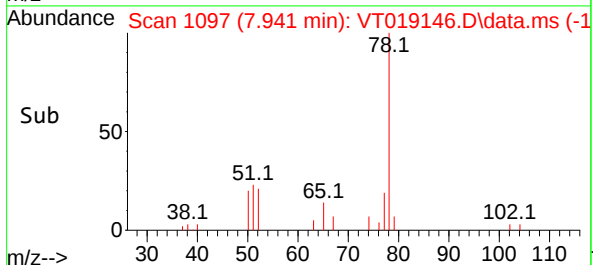
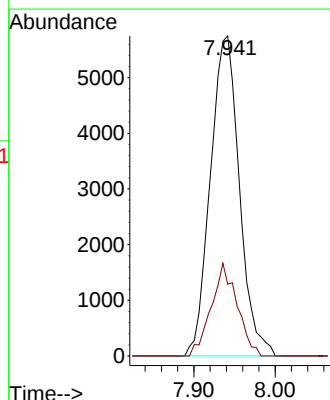
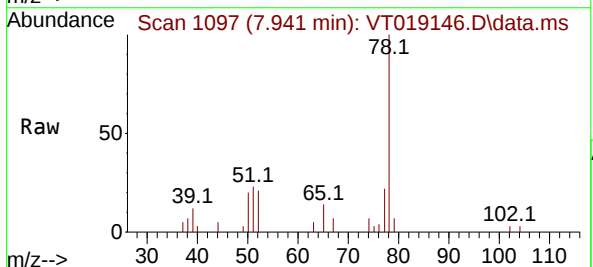
Acq: 3 Oct 2025 15:10

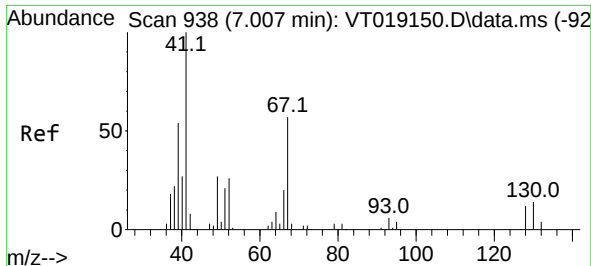
Tgt Ion: 78 Resp: 14278

Ion Ratio Lower Upper

78 100

77 22.5 19.1 28.7

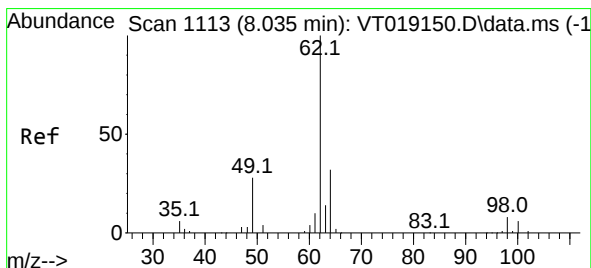
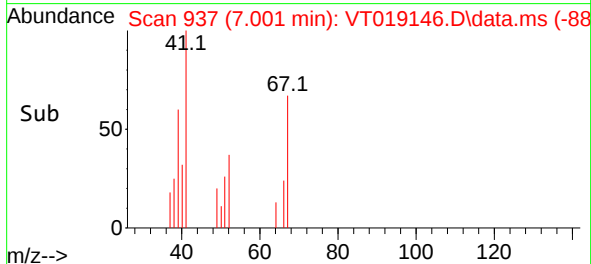
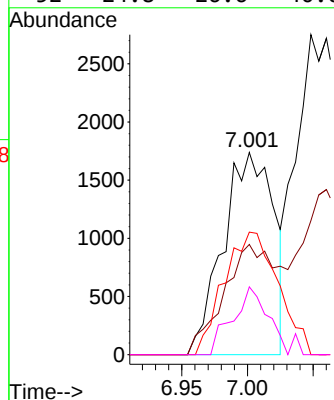
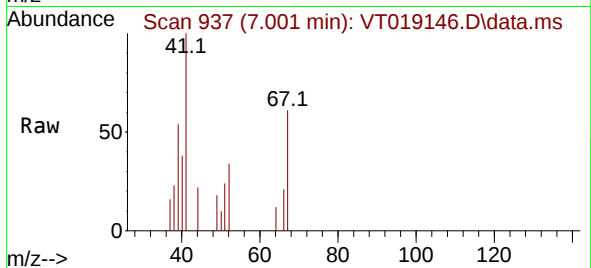




#41
Methacrylonitrile
Concen: 1.092 ug/l
RT: 7.001 min Scan# 91
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

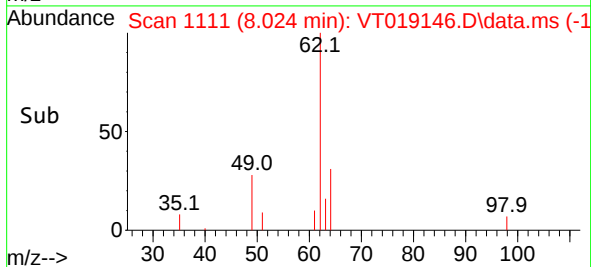
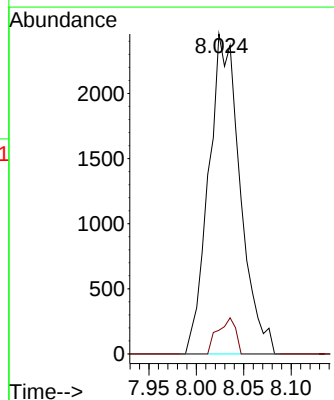
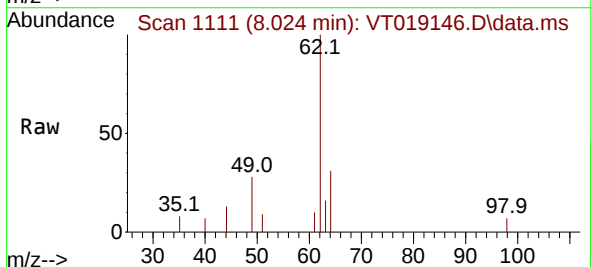
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

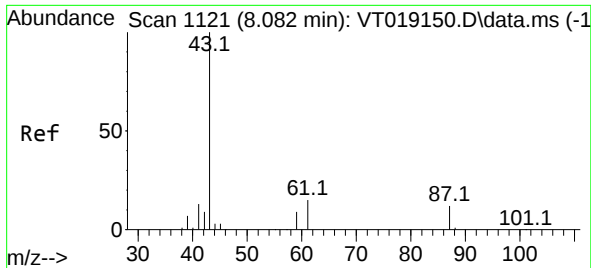
Tgt Ion:	41	Resp:	4662
Ion	Ratio	Lower	Upper
41	100		
39	61.2	49.8	74.6
67	64.6	60.0	90.0
52	24.8	26.6	40.0



#42
1,2-Dichloroethane
Concen: 0.969 ug/l
RT: 8.024 min Scan# 1111
Delta R.T. -0.012 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:	62	Resp:	5685
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 0.924 ug/l

RT: 8.077 min Scan# 1120

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDICC001

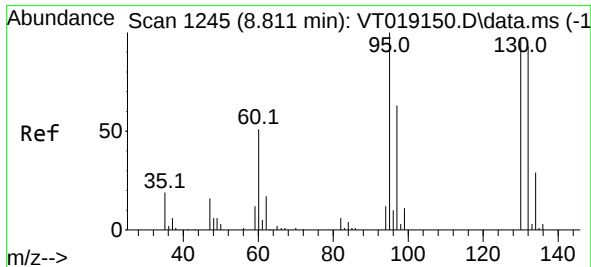
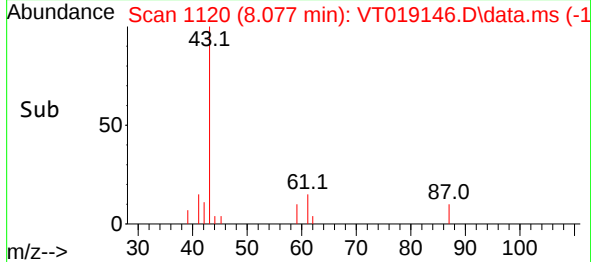
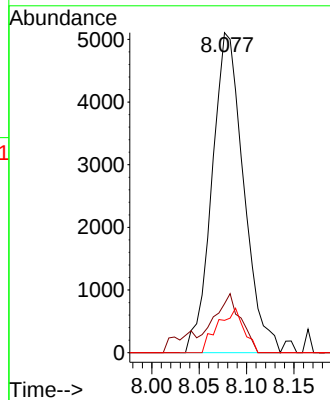
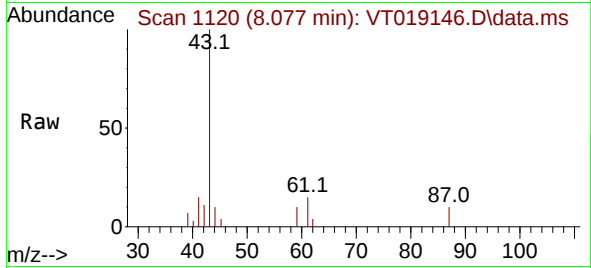
Tgt Ion: 43 Resp: 11849

Ion Ratio Lower Upper

43 100

61 15.9 14.8 22.2

87 11.4 9.1 13.7



#44

Trichloroethene

Concen: 1.136 ug/l

RT: 8.811 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VT019146.D

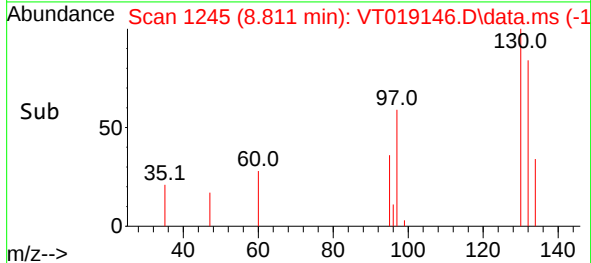
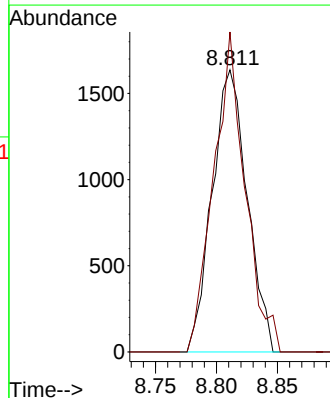
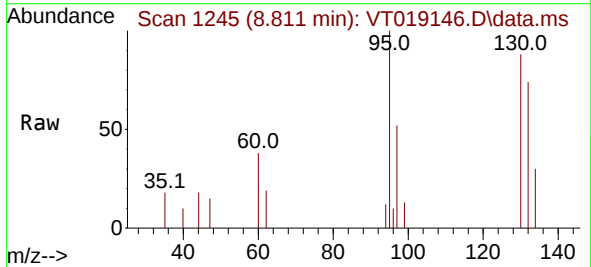
Acq: 3 Oct 2025 15:10

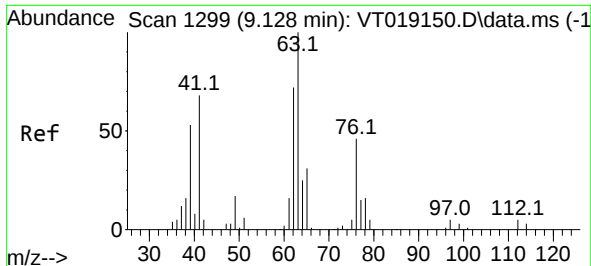
Tgt Ion:130 Resp: 3283

Ion Ratio Lower Upper

130 100

95 113.4 0.0 207.8





#45

1,2-Dichloropropane

Concen: 0.955 ug/l

RT: 9.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

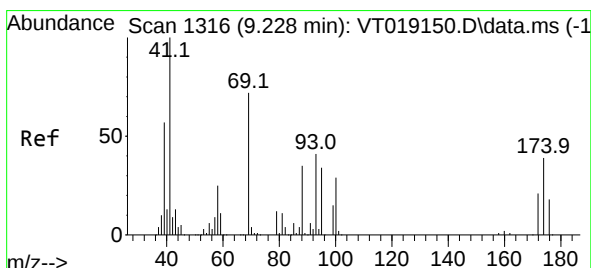
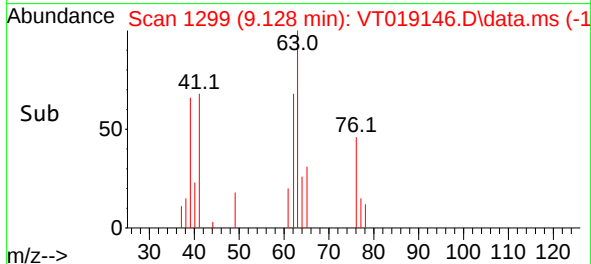
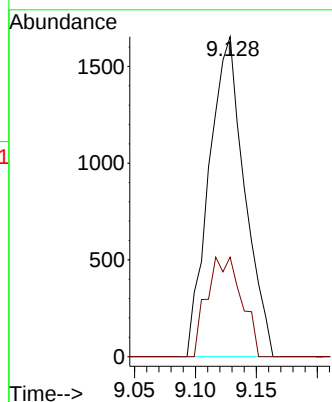
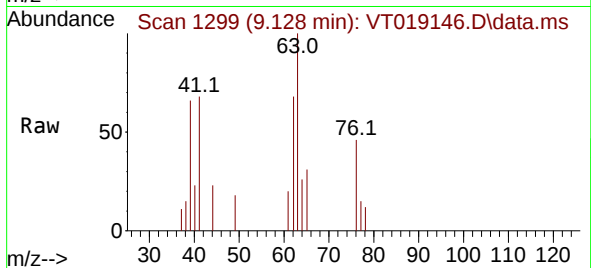
VSTDIC001

Tgt Ion: 63 Resp: 3352

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 0.936 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

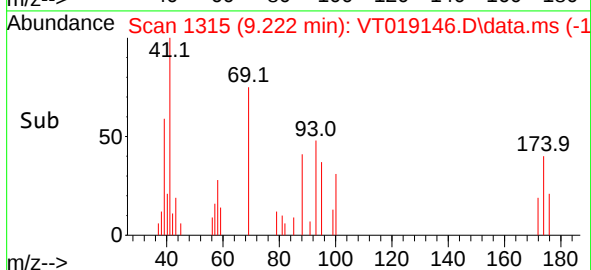
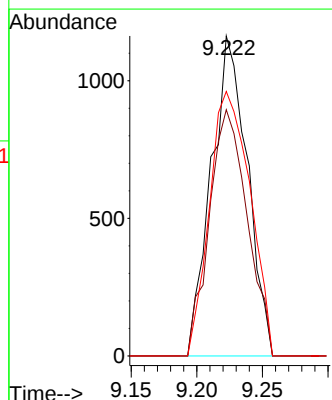
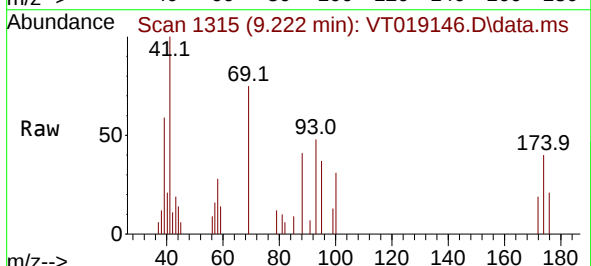
Tgt Ion: 93 Resp: 2222

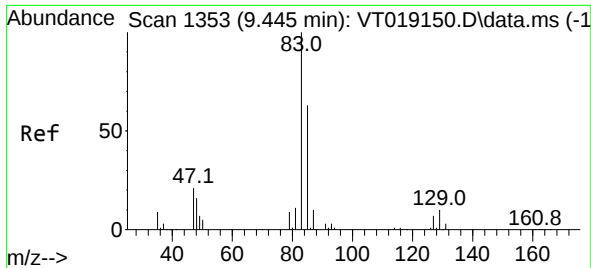
Ion Ratio Lower Upper

93 100

95 80.9 66.4 99.6

174 93.2 77.3 115.9

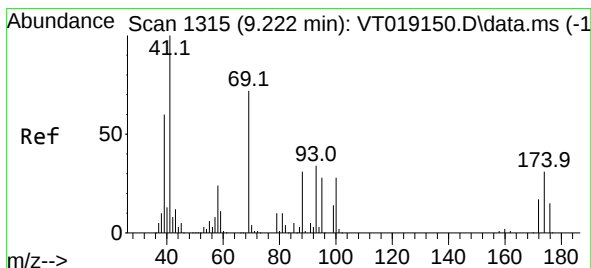
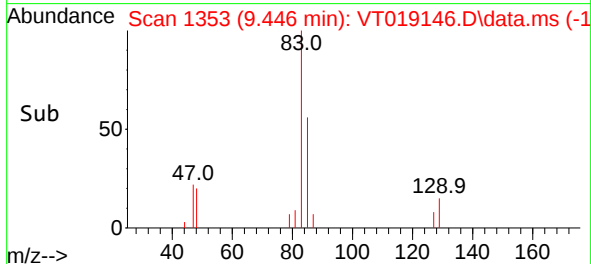
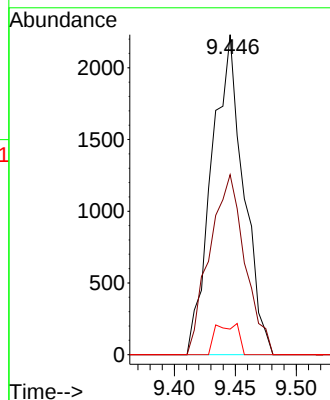
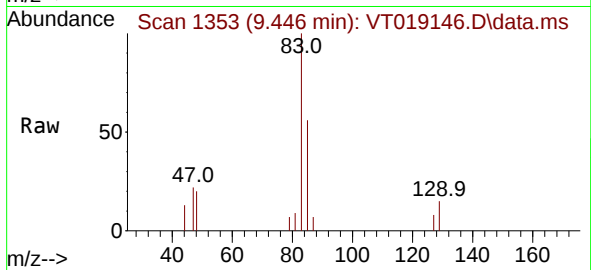




#47
Bromodichloromethane
Concen: 0.900 ug/l
RT: 9.446 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

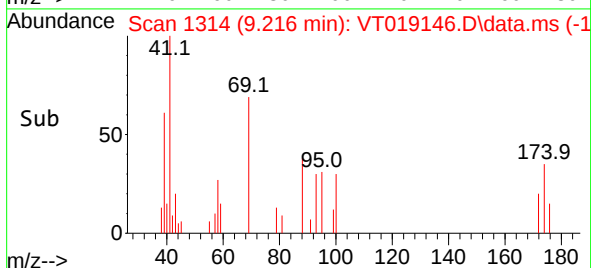
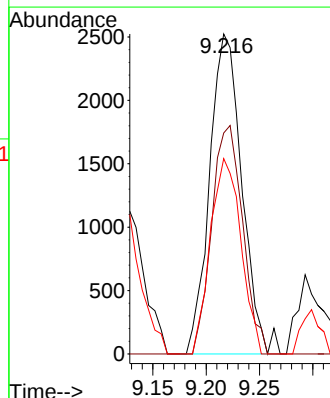
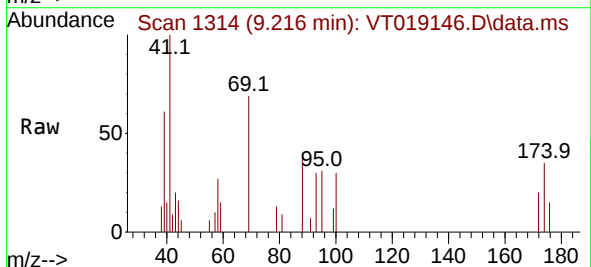
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

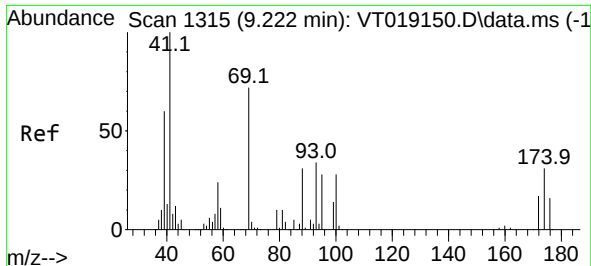
Tgt Ion: 83	Resp:	4068	
Ion	Ratio	Lower	Upper
83	100		
85	56.3	50.4	75.6
127	8.0	6.0	9.0



#48
Methyl methacrylate
Concen: 0.894 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 41	Resp:	5318	
Ion	Ratio	Lower	Upper
41	100		
69	68.5	56.9	85.3
39	57.8	48.0	72.0





#49

1,4-Dioxane

Concen: 19.426 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

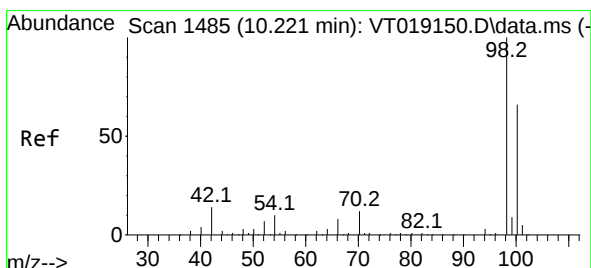
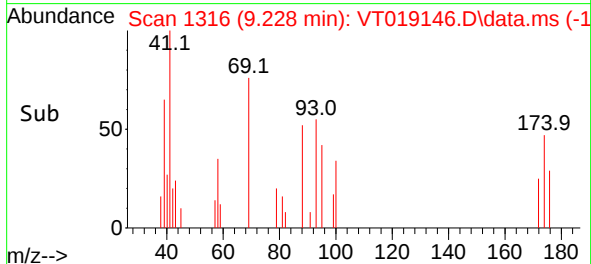
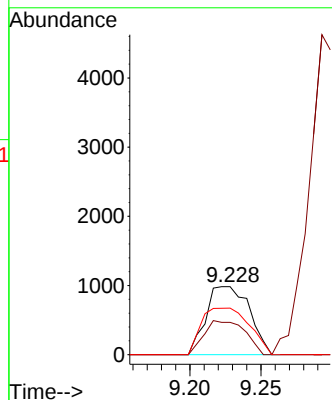
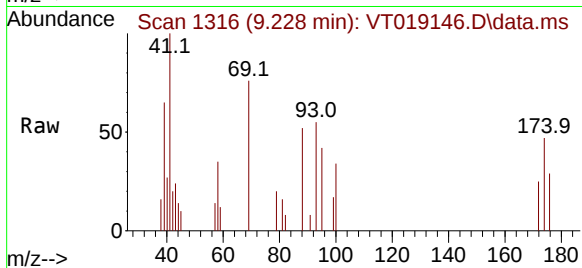
Tgt Ion: 88 Resp: 2087

Ion Ratio Lower Upper

88 100

43 47.1 30.0 45.0#

58 75.6 57.2 85.8



#50

Toluene-d8

Concen: 1.266 ug/l

RT: 10.215 min Scan# 1484

Delta R.T. -0.006 min

Lab File: VT019146.D

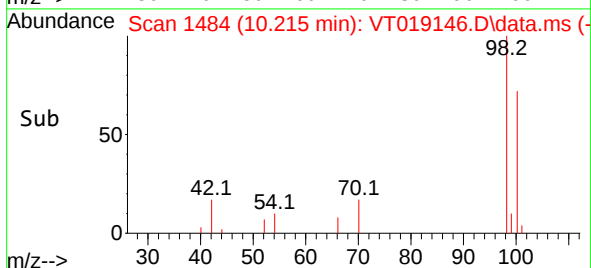
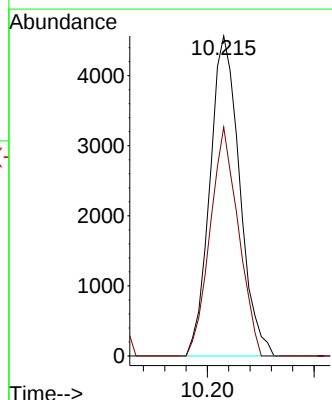
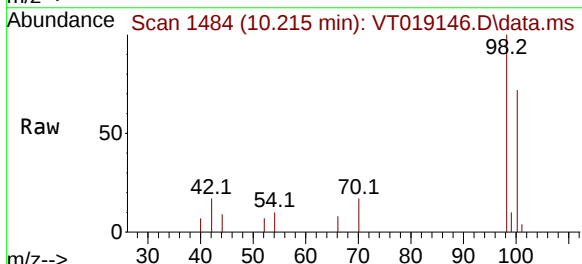
Acq: 3 Oct 2025 15:10

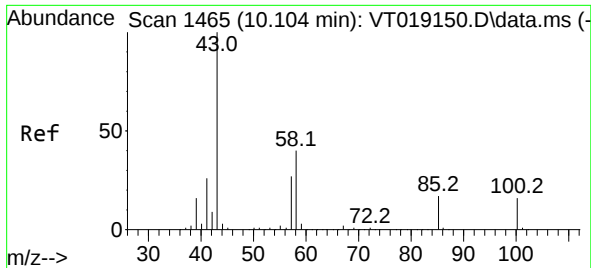
Tgt Ion: 98 Resp: 8823

Ion Ratio Lower Upper

98 100

100 68.2 53.5 80.3

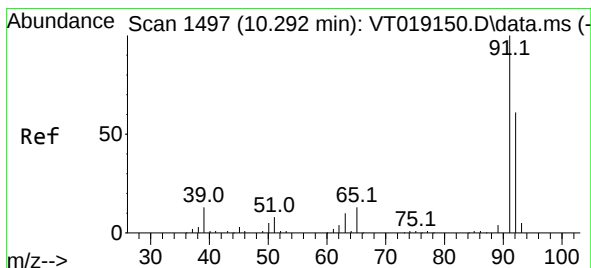
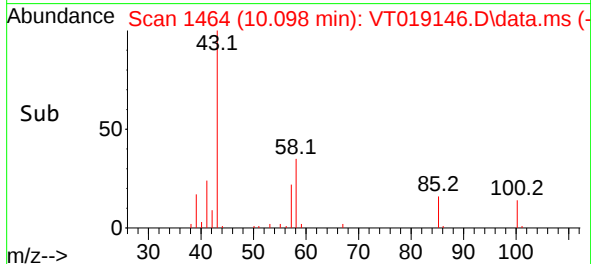
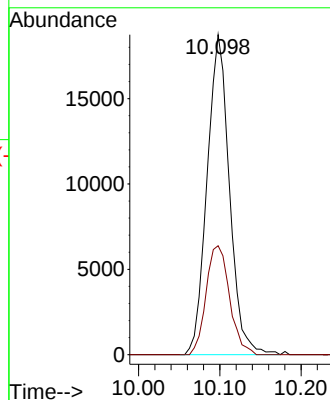
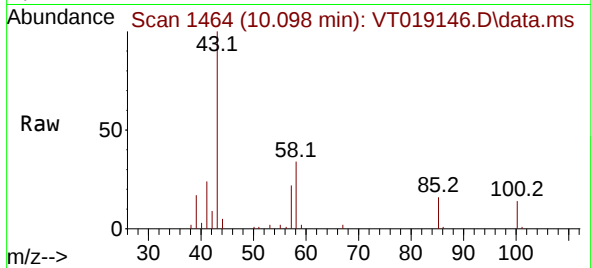




#51
4-Methyl-2-Pentanone
Concen: 4.774 ug/l
RT: 10.098 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

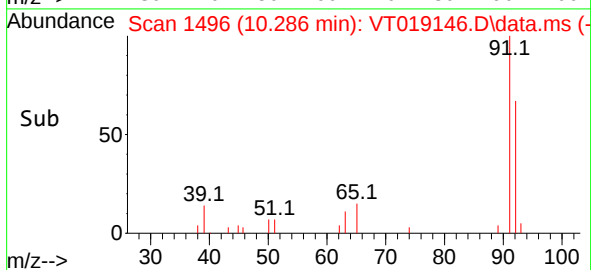
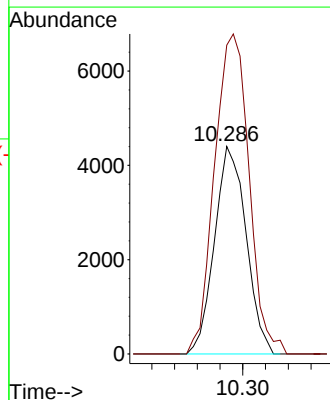
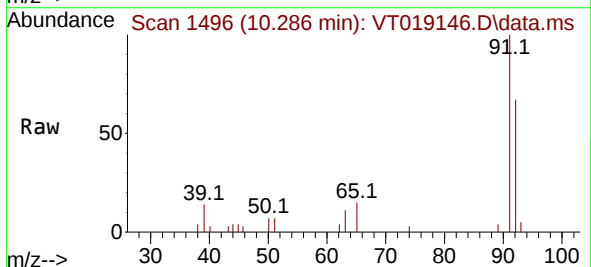
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

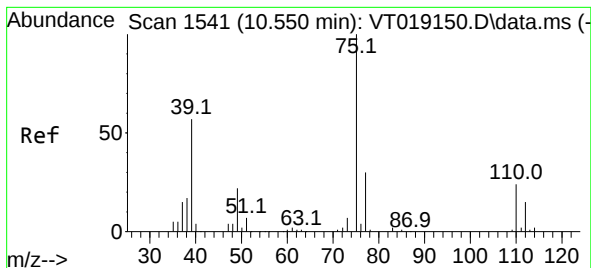
Tgt Ion: 43 Resp: 35819
Ion Ratio Lower Upper
43 100
58 35.7 30.5 45.7



#52
Toluene
Concen: 1.057 ug/l
RT: 10.286 min Scan# 1496
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 92 Resp: 8490
Ion Ratio Lower Upper
92 100
91 168.6 134.8 202.2

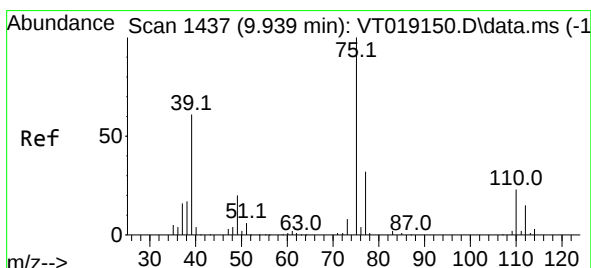
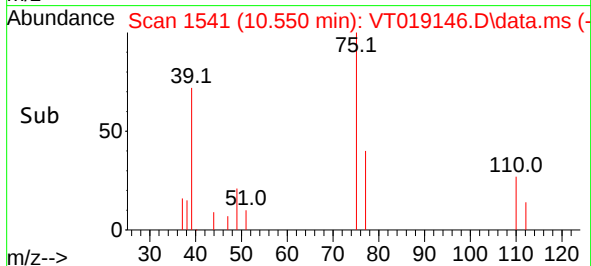
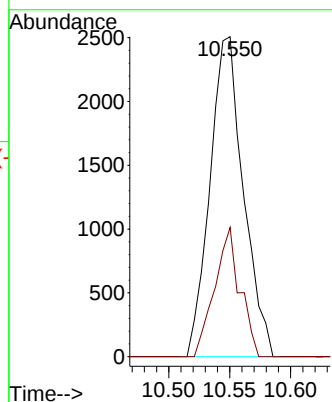
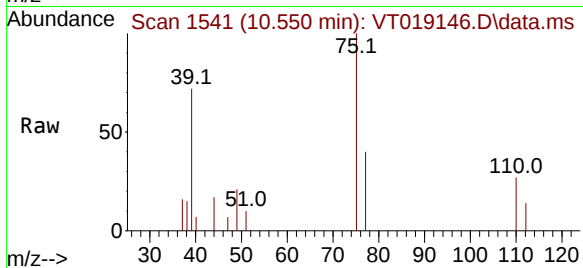




#53
 t-1,3-Dichloropropene
 Concen: 0.942 ug/l
 RT: 10.550 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

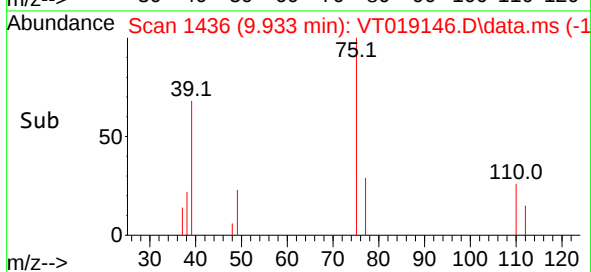
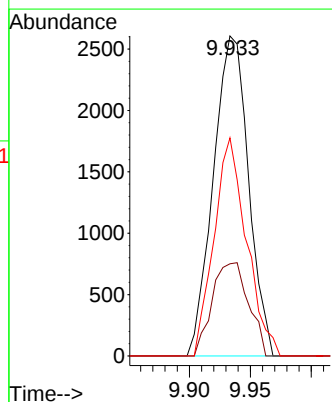
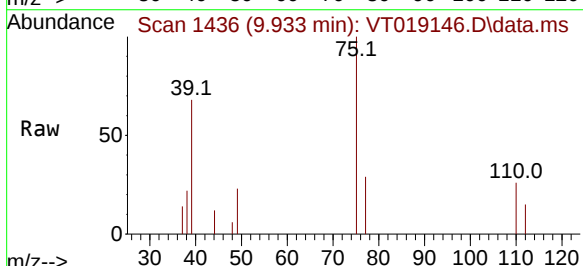
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

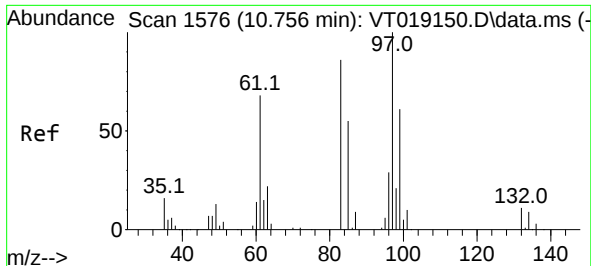
Tgt Ion: 75 Resp: 4781
 Ion Ratio Lower Upper
 75 100
 77 40.4 24.2 36.4#



#54
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/l
 RT: 9.933 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion: 75 Resp: 5233
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.5 38.3
 39 68.2 48.8 73.2





#55

1,1,2-Trichloroethane

Concen: 0.950 ug/l

RT: 10.750 min Scan# 1576

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 3078

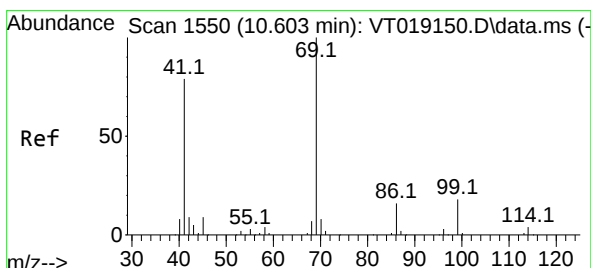
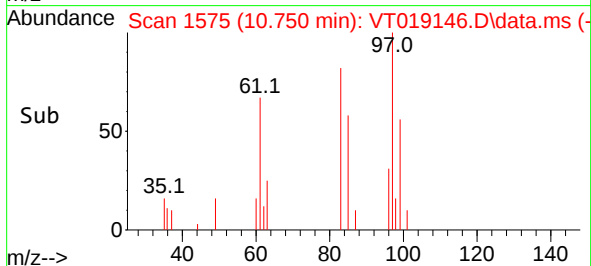
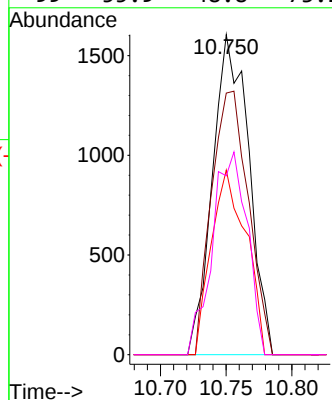
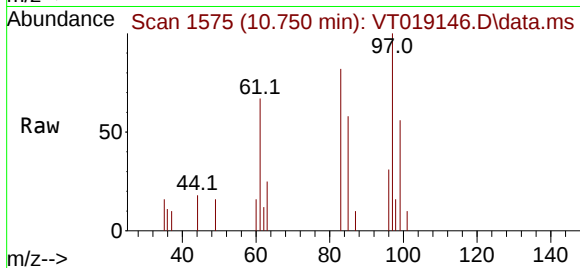
Ion Ratio Lower Upper

97 100

83 81.7 69.2 103.8

85 57.7 43.8 65.6

99 55.9 48.8 73.2



#56

Ethyl methacrylate

Concen: 0.808 ug/l

RT: 10.597 min Scan# 1549

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

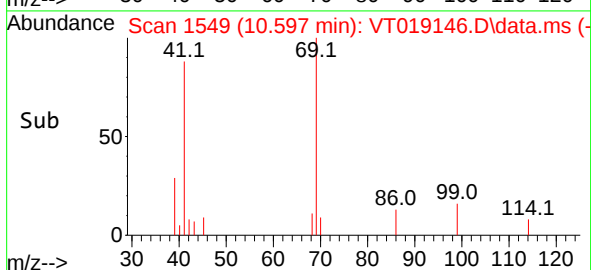
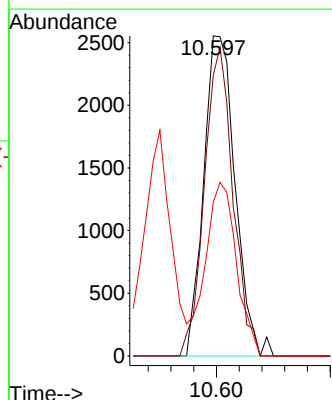
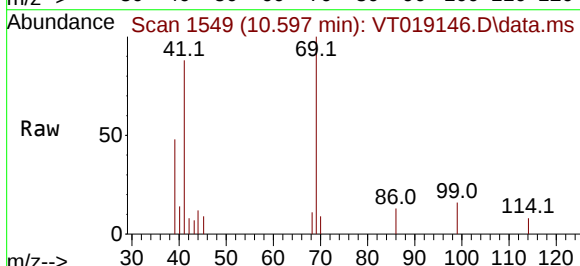
Tgt Ion: 69 Resp: 4885

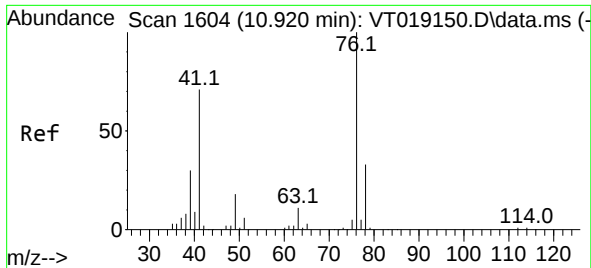
Ion Ratio Lower Upper

69 100

41 88.1 62.6 93.8

39 53.9 37.2 55.8

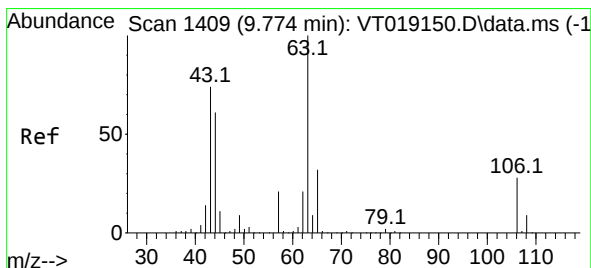
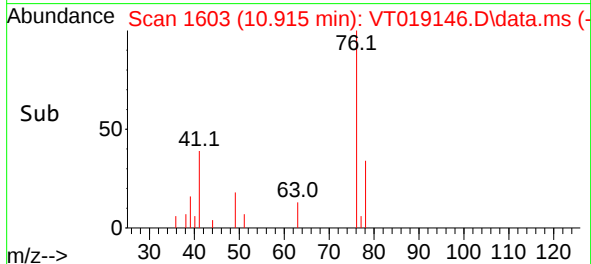
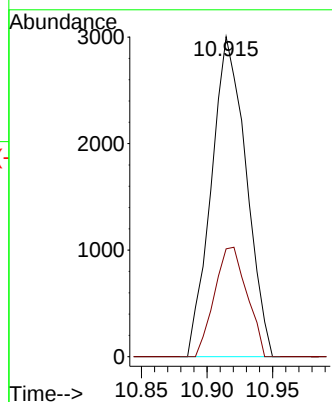
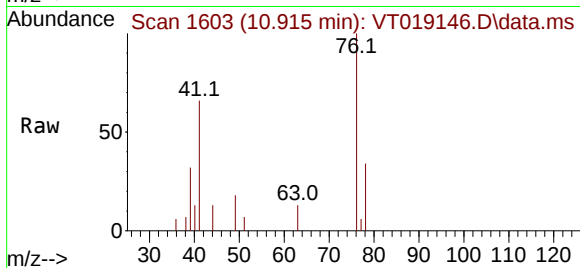




#57
1,3-Dichloropropane
Concen: 0.947 ug/l
RT: 10.915 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

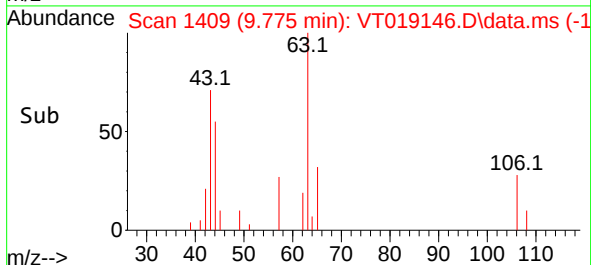
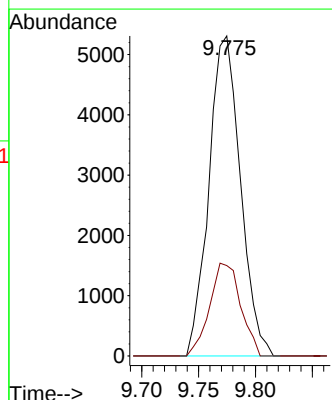
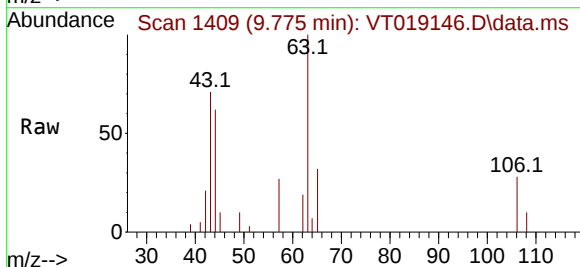
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

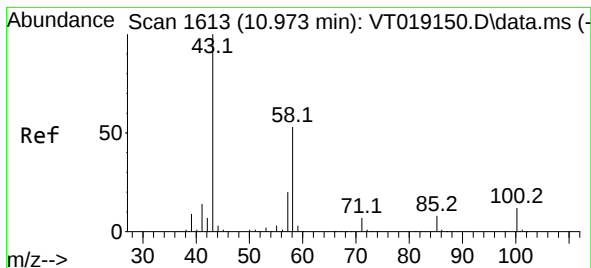
Tgt Ion: 76 Resp: 5535
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 4.351 ug/l
RT: 9.775 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 63 Resp: 10226
Ion Ratio Lower Upper
63 100
106 28.5 22.4 33.6

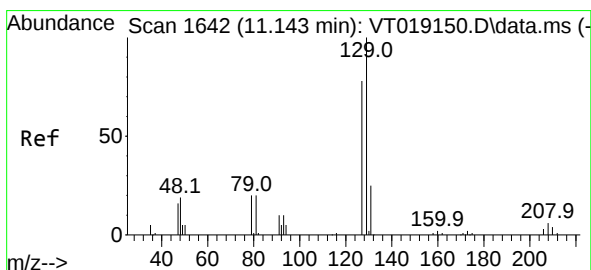
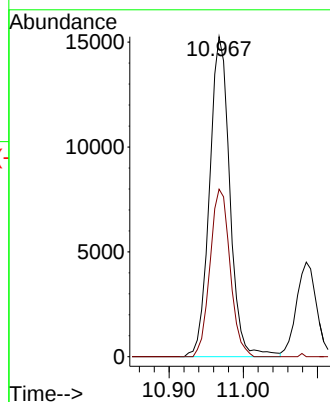
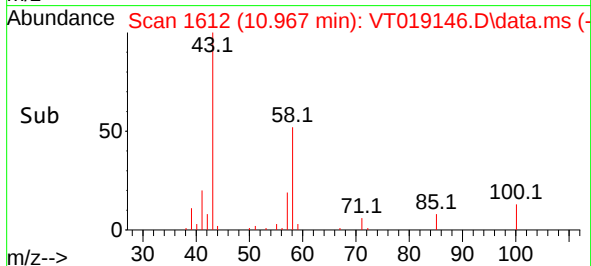
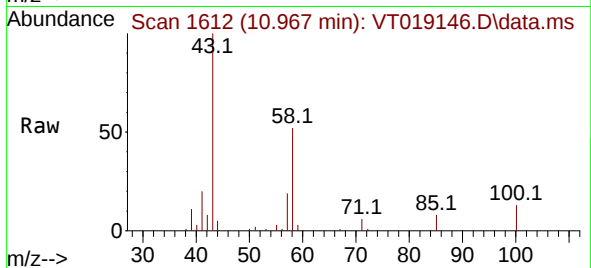




#59
2-Hexanone
Concen: 5.052 ug/l
RT: 10.967 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

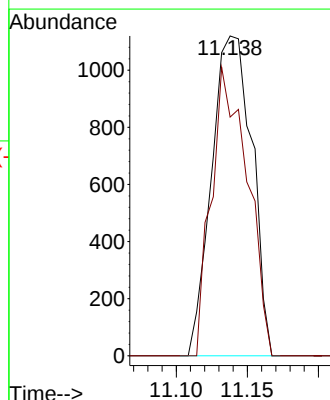
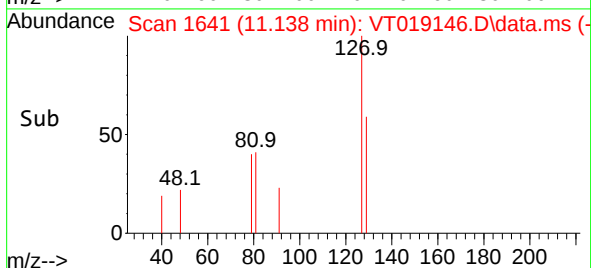
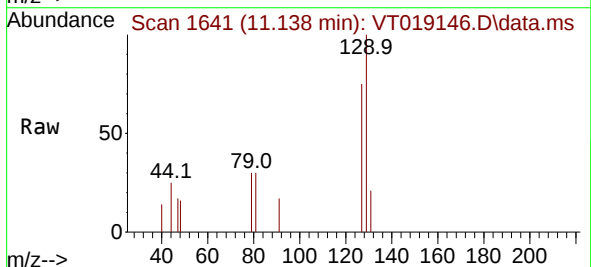
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

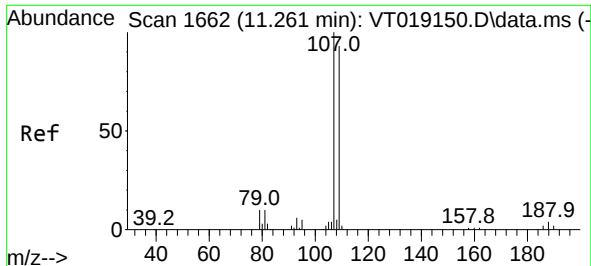
Tgt Ion: 43 Resp: 28965
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.3



#60
Dibromochloromethane
Concen: 0.770 ug/l
RT: 11.138 min Scan# 1641
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 129 Resp: 2211
Ion Ratio Lower Upper
129 100
127 80.7 38.9 116.7

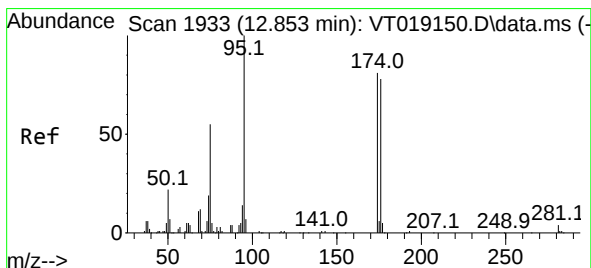
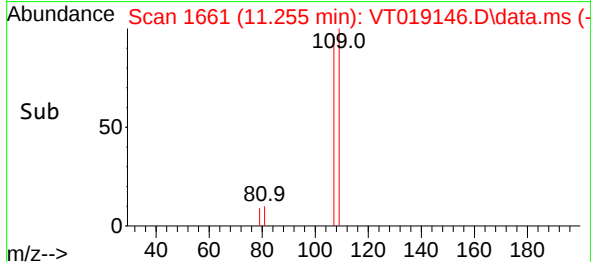
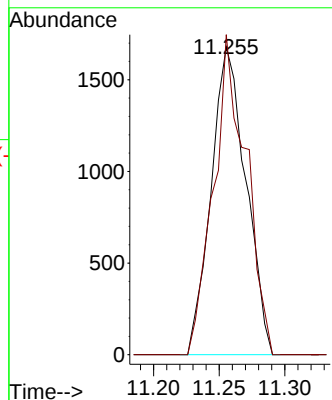
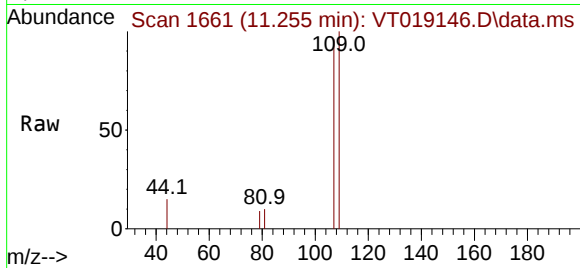




#61
1,2-Dibromoethane
Concen: 0.966 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

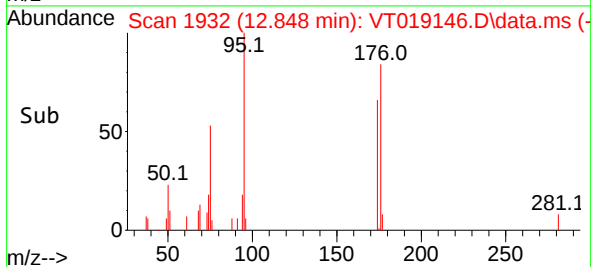
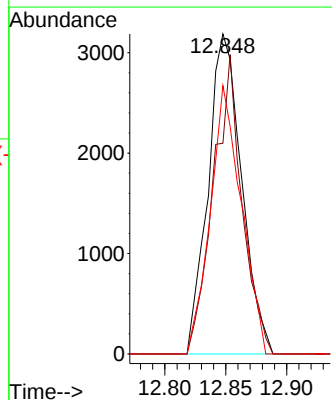
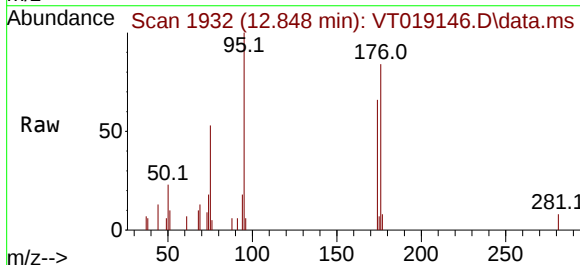
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

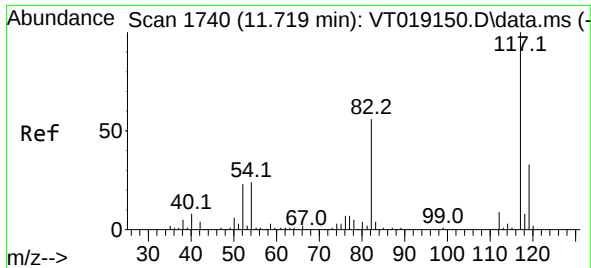
Tgt Ion:107 Resp: 3090
Ion Ratio Lower Upper
107 100
109 97.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 1.565 ug/l
RT: 12.848 min Scan# 1932
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 95 Resp: 6094
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.6
176 77.7 0.0 156.6

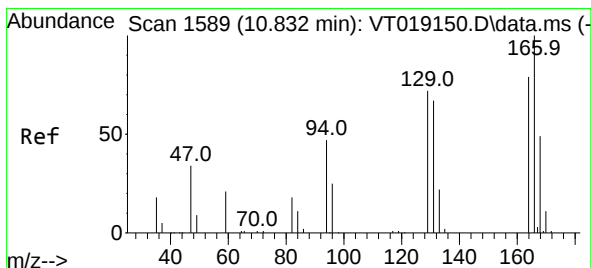
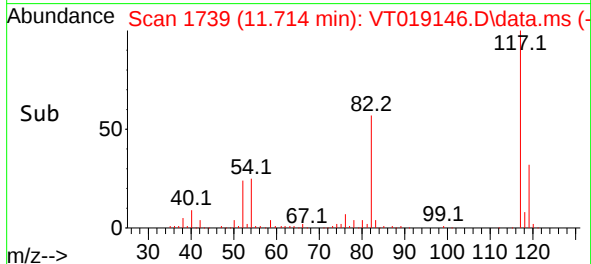
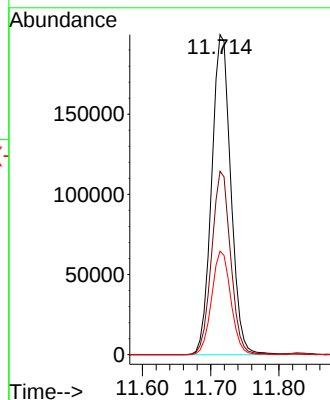
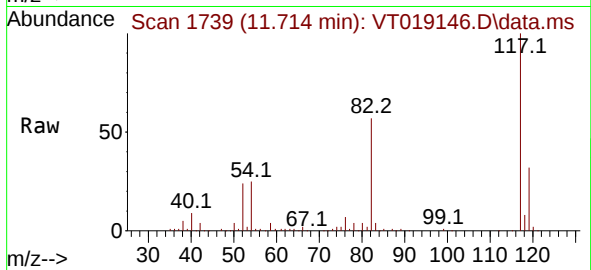




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.714 min Scan# 117
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

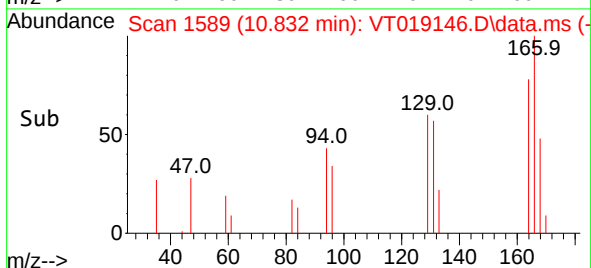
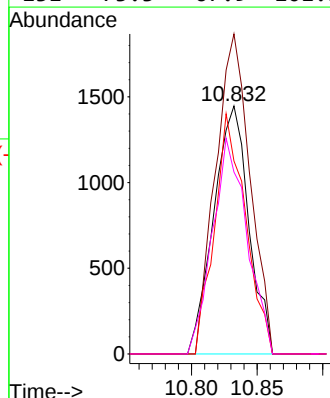
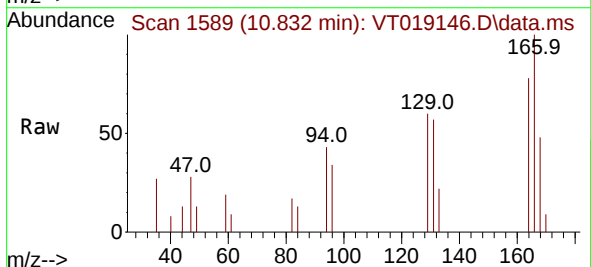
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

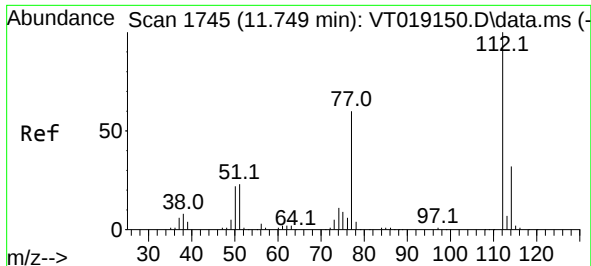
Tgt Ion:117 Resp: 390220
Ion Ratio Lower Upper
117 100
82 57.3 45.1 67.7
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 1.241 ug/l
RT: 10.832 min Scan# 1589
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:164 Resp: 2692
Ion Ratio Lower Upper
164 100
166 129.0 100.9 151.3
129 77.8 72.4 108.6
131 73.3 67.9 101.9

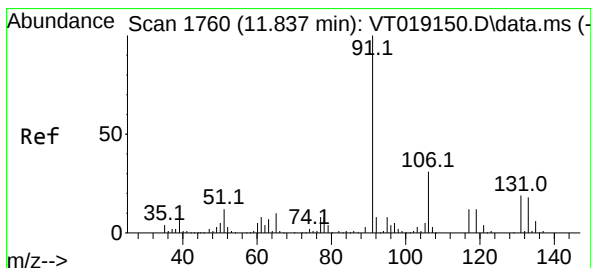
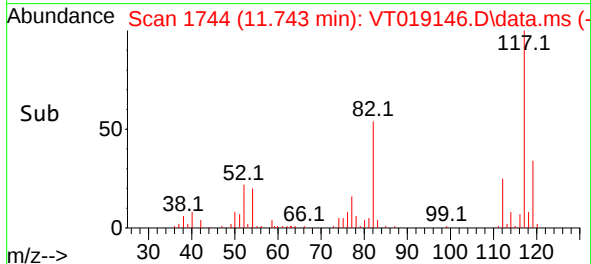
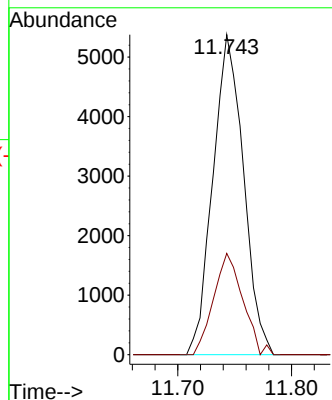
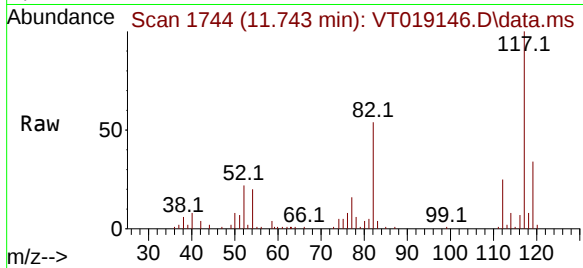




#65
Chlorobenzene
Concen: 1.176 ug/l
RT: 11.743 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

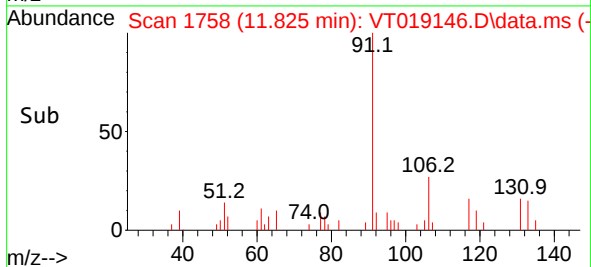
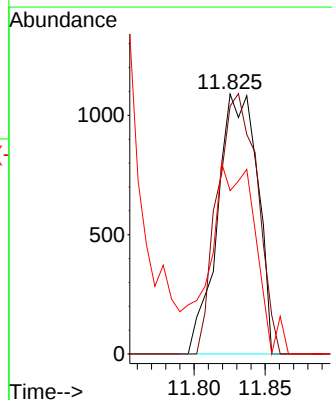
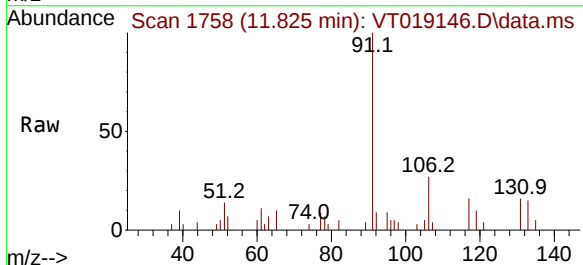
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

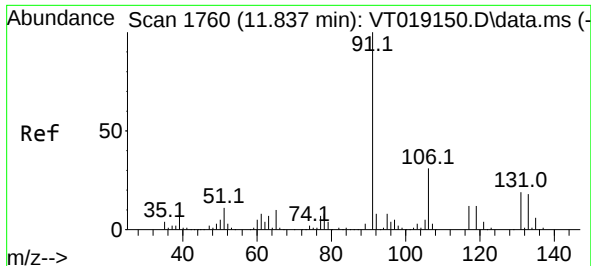
Tgt Ion:112 Resp: 10036
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.856 ug/l
RT: 11.825 min Scan# 1758
Delta R.T. -0.012 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:131 Resp: 2138
Ion Ratio Lower Upper
131 100
133 99.7 47.4 142.3
119 0.0 31.7 95.1#

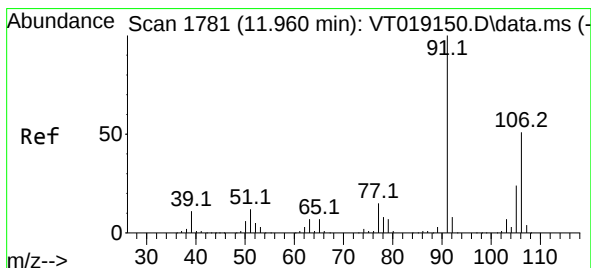
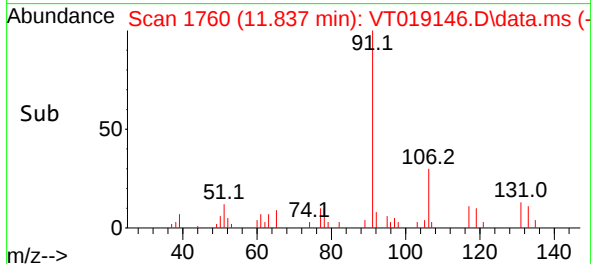
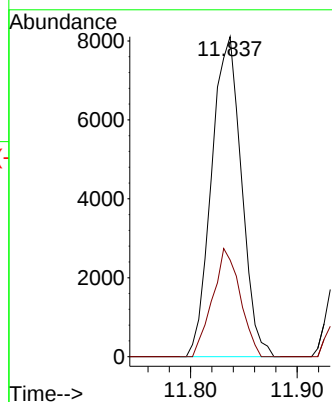
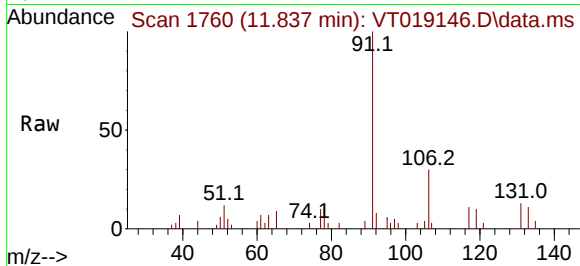




#67
Ethyl Benzene
Concen: 1.132 ug/l
RT: 11.837 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

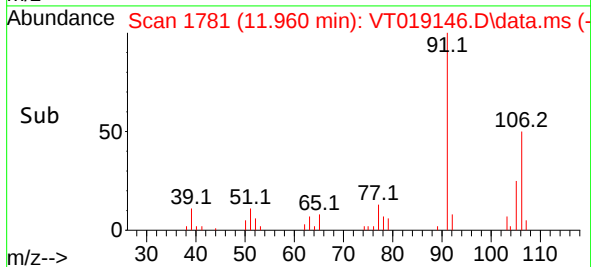
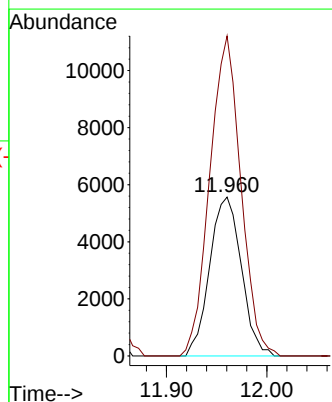
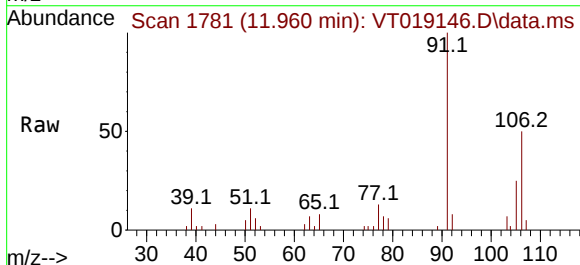
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

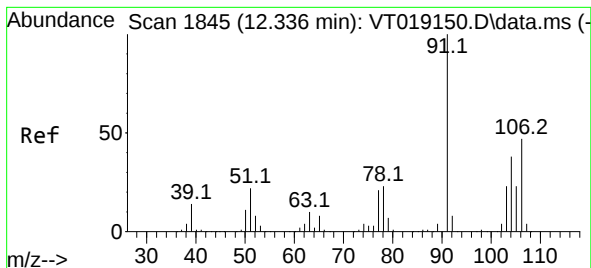
Tgt Ion: 91 Resp: 15791
Ion Ratio Lower Upper
91 100
106 30.2 24.8 37.2



#68
m/p-Xylenes
Concen: 2.250 ug/l
RT: 11.960 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 106 Resp: 12196
Ion Ratio Lower Upper
106 100
91 197.7 161.0 241.6





#69

o-Xylene

Concen: 1.110 ug/l

RT: 12.331 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

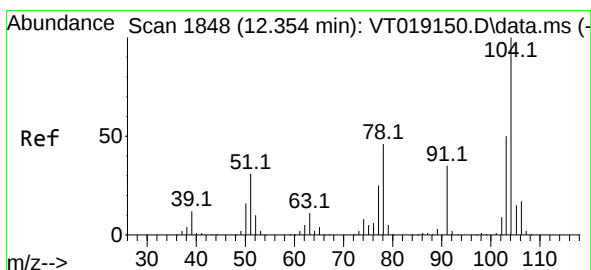
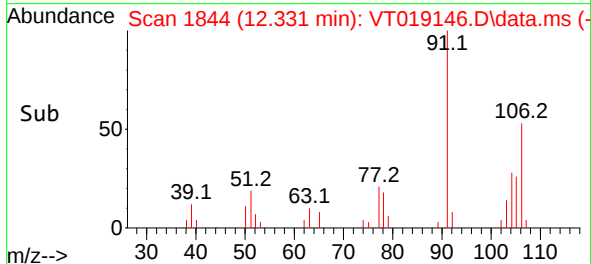
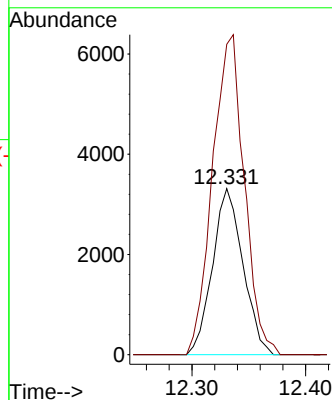
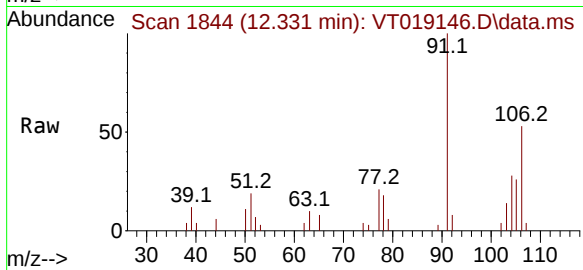
VSTDIC001

Tgt Ion:106 Resp: 6171

Ion Ratio Lower Upper

106 100

91 200.8 106.5 319.5



#70

Styrene

Concen: 1.032 ug/l

RT: 12.348 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

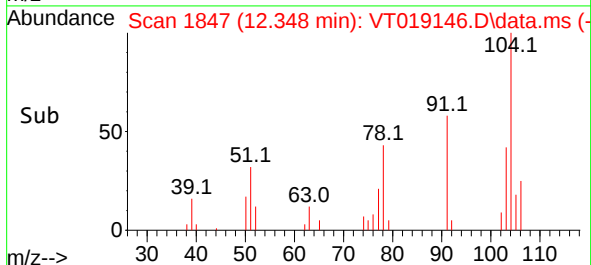
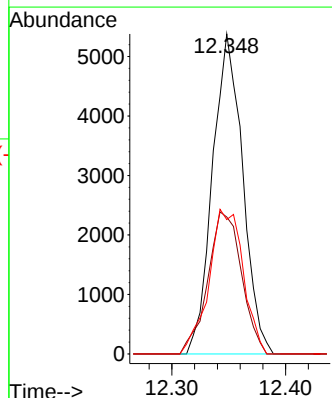
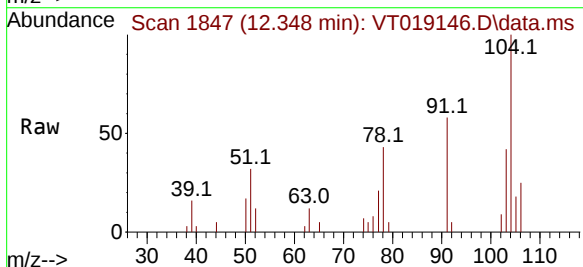
Tgt Ion:104 Resp: 9890

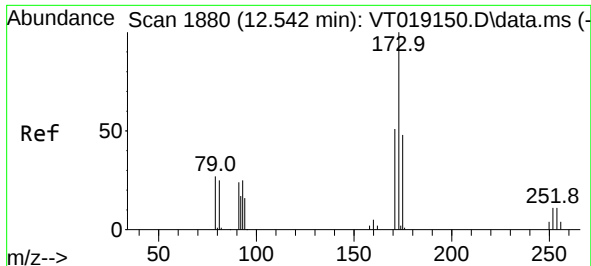
Ion Ratio Lower Upper

104 100

78 49.6 40.8 61.2

103 51.3 43.8 65.6

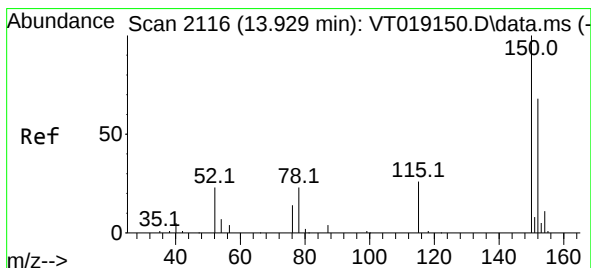
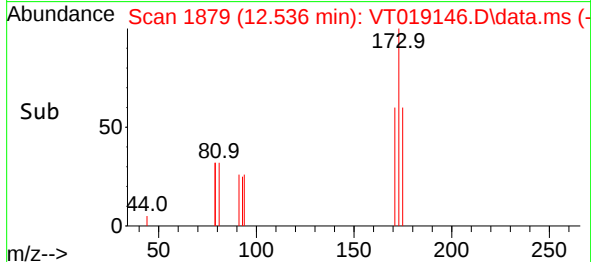
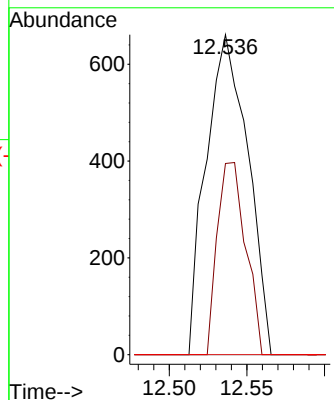
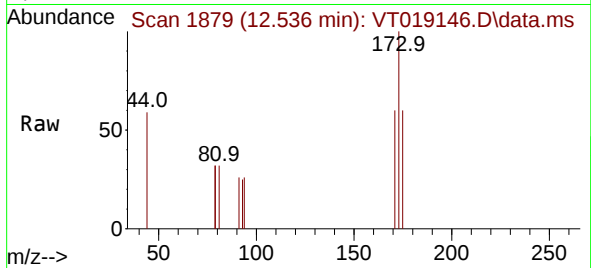




#71
Bromoform
Concen: 2.976 ug/l
RT: 12.536 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

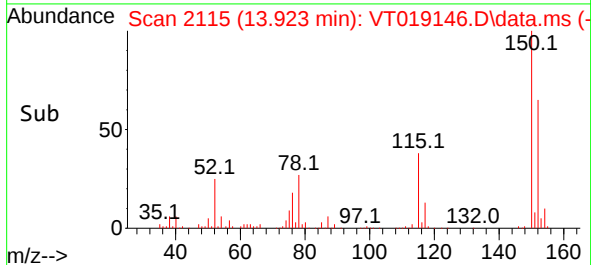
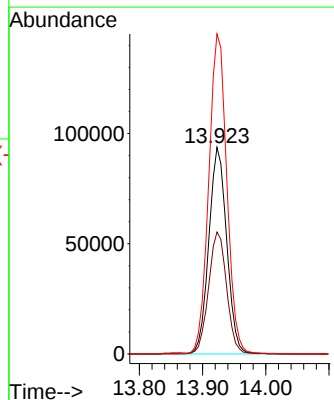
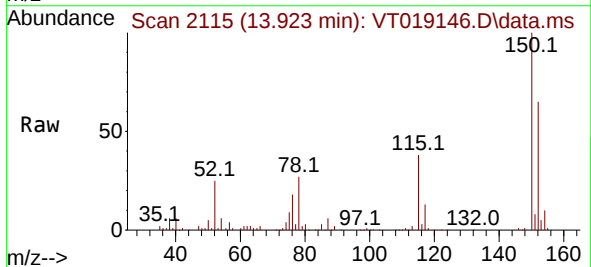
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

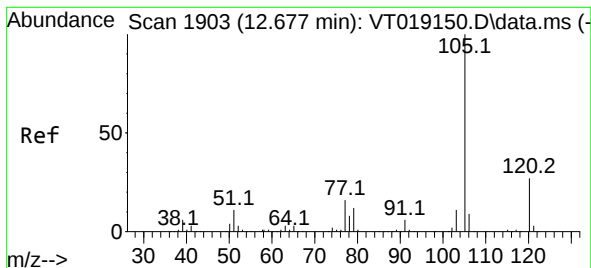
Tgt Ion:173 Resp: 1234
Ion Ratio Lower Upper
173 100
175 40.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.923 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:152 Resp: 183789
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.9
150 157.0 0.0 342.6





#73

Isopropylbenzene

Concen: 1.176 ug/l

RT: 12.677 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

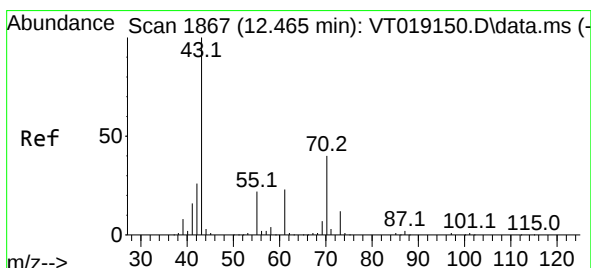
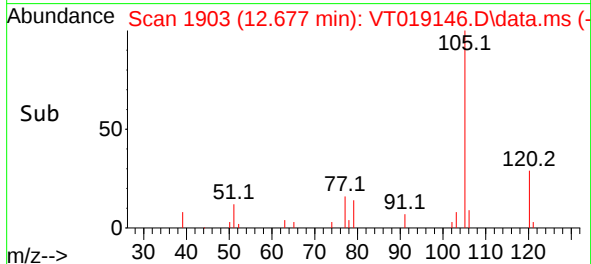
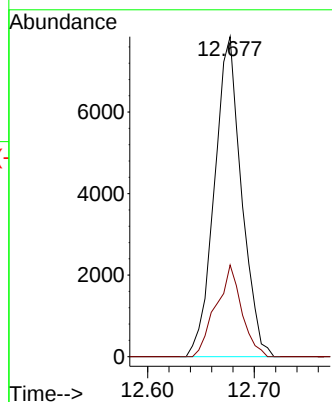
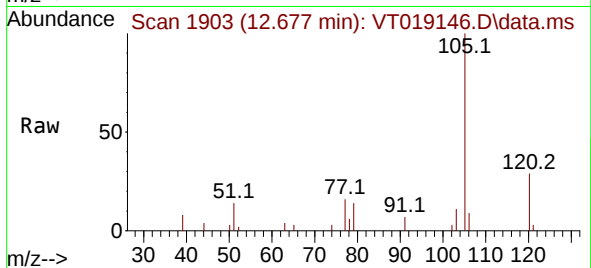
VSTDIC001

Tgt Ion:105 Resp: 13822

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 0.895 ug/l

RT: 12.466 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Tgt Ion: 43 Resp: 6744

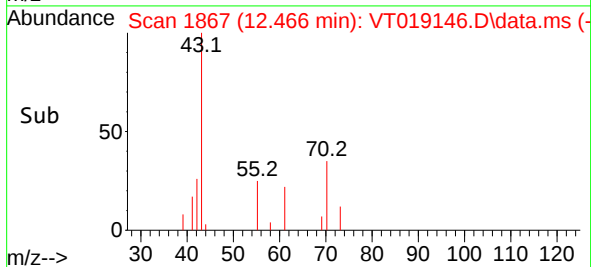
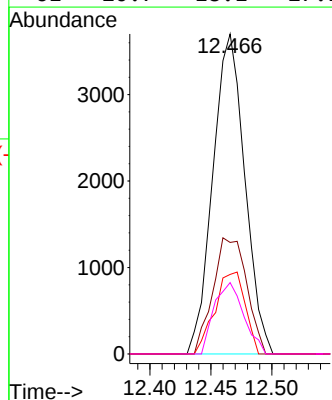
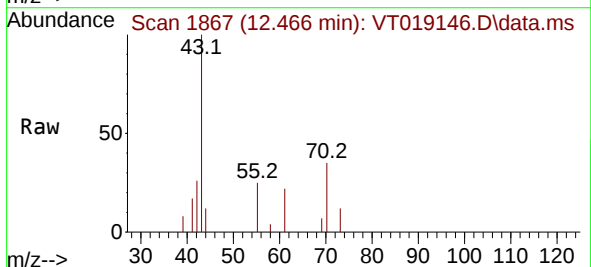
Ion Ratio Lower Upper

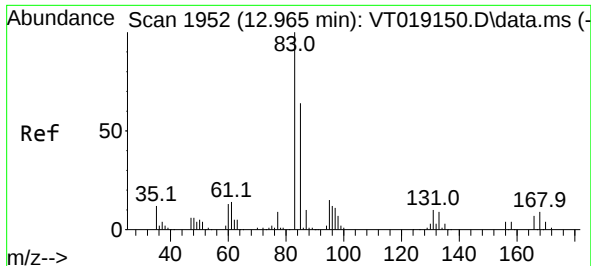
43 100

70 38.4 31.3 46.9

55 24.3 17.4 26.0

61 20.7 18.1 27.1

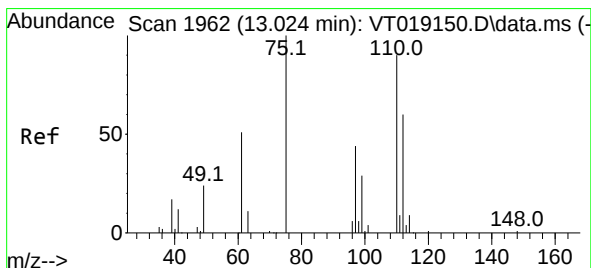
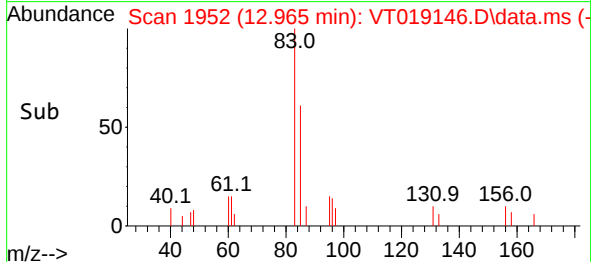
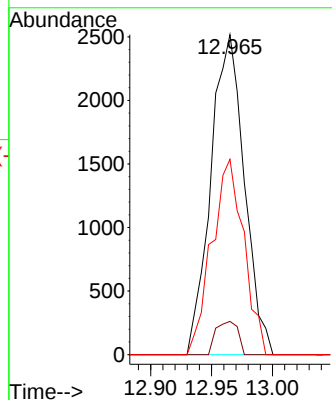
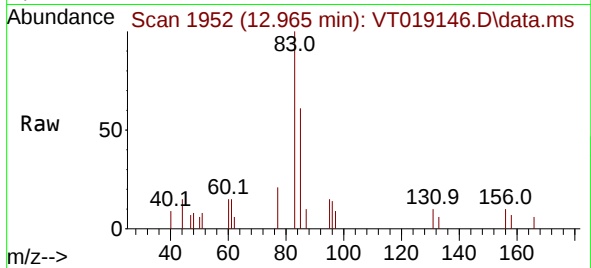




#75
1,1,2,2-Tetrachloroethane
Concen: 1.064 ug/l
RT: 12.965 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

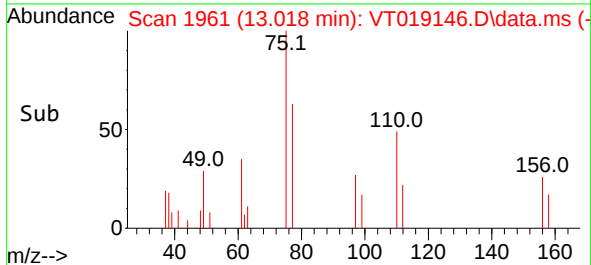
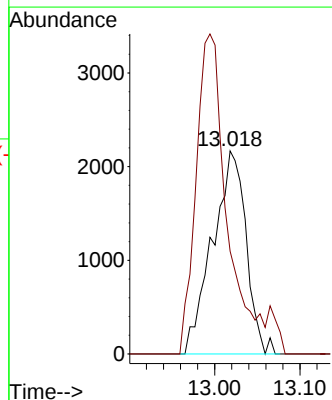
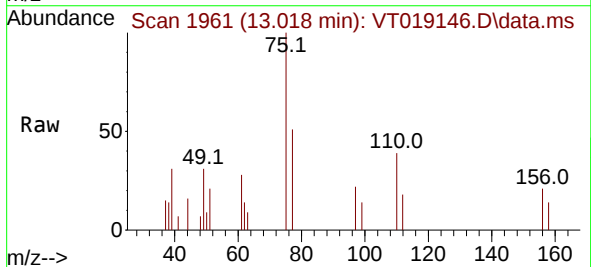
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

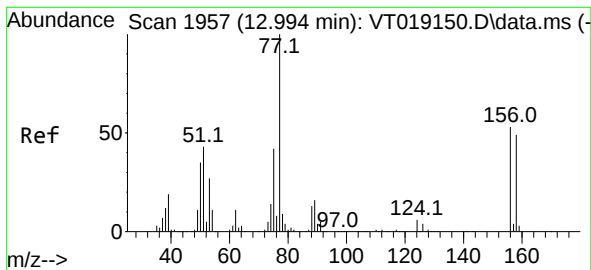
Tgt Ion: 83 Resp: 4818
Ion Ratio Lower Upper
83 100
131 6.8 5.2 15.6
85 58.3 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 1.362 ug/l
RT: 13.018 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion: 75 Resp: 5912
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 1.189 ug/l

RT: 12.989 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

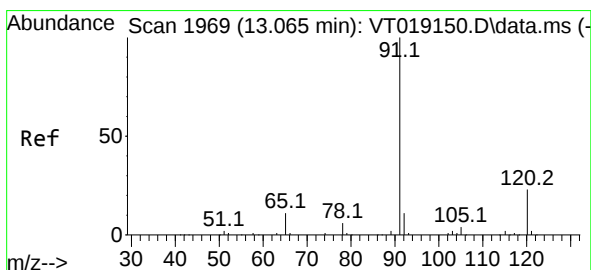
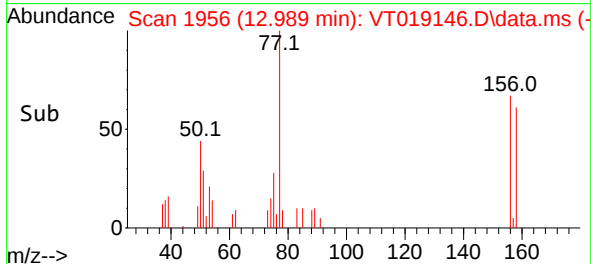
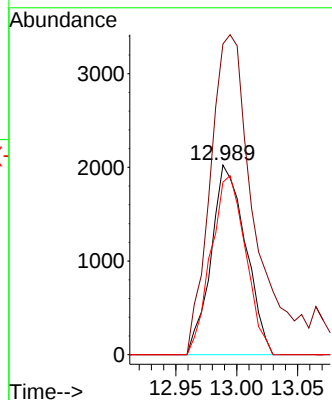
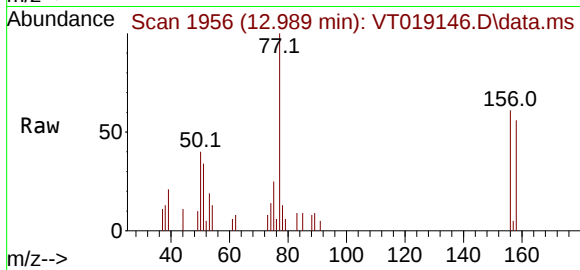
Tgt Ion:156 Resp: 3999

Ion Ratio Lower Upper

156 100

77 214.2 113.1 339.3

158 94.5 48.0 144.0



#78

n-propylbenzene

Concen: 1.198 ug/l

RT: 13.059 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VT019146.D

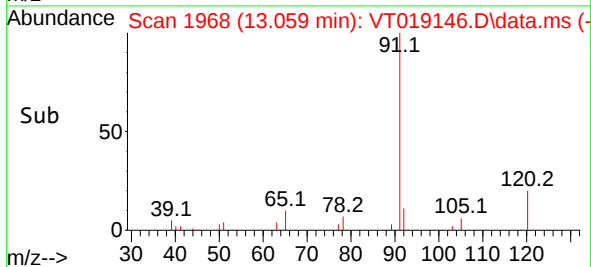
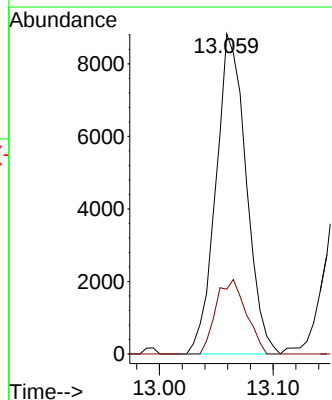
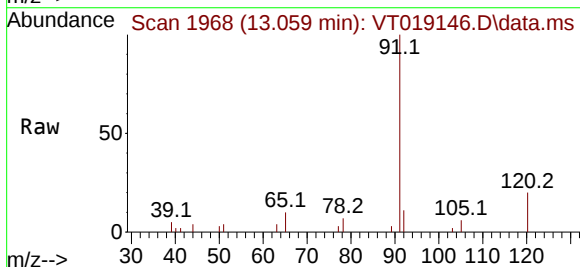
Acq: 3 Oct 2025 15:10

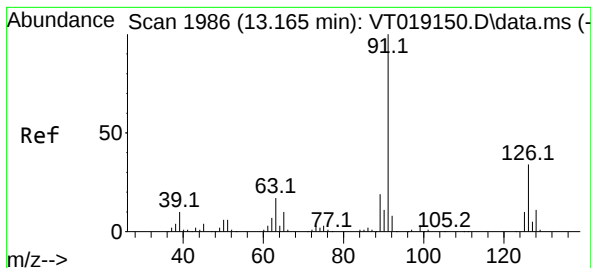
Tgt Ion: 91 Resp: 16284

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 1.188 ug/l

RT: 13.165 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

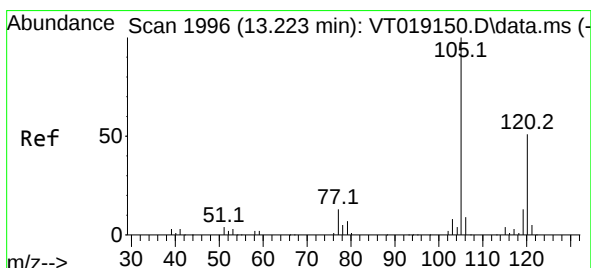
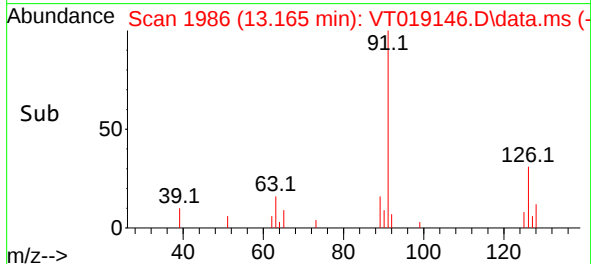
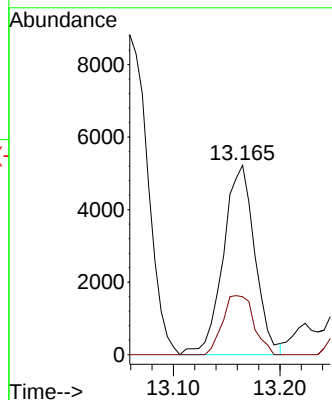
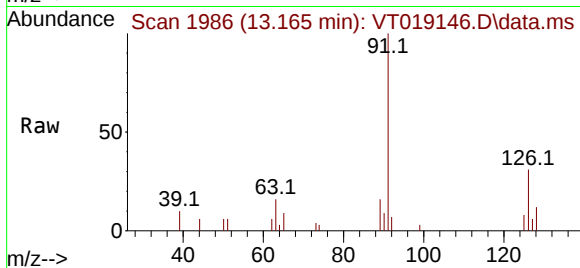
VSTDIC001

Tgt Ion: 91 Resp: 10745

Ion Ratio Lower Upper

91 100

126 30.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 1.140 ug/l

RT: 13.224 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VT019146.D

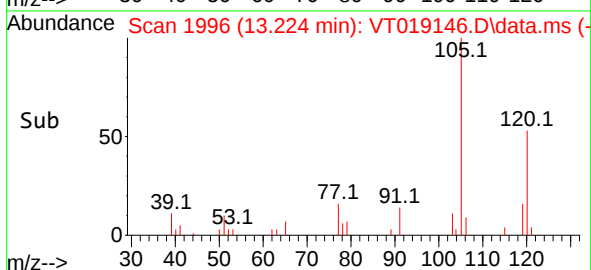
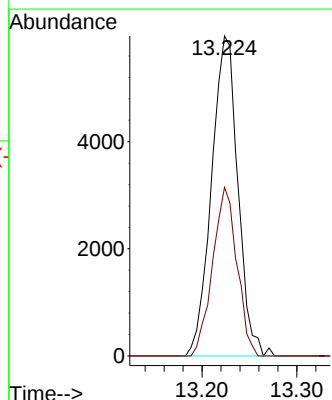
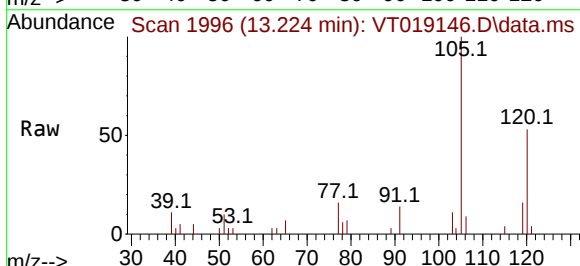
Acq: 3 Oct 2025 15:10

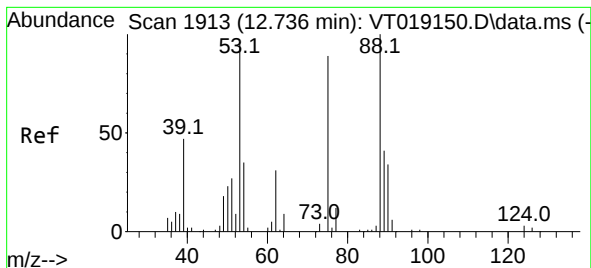
Tgt Ion: 105 Resp: 11552

Ion Ratio Lower Upper

105 100

120 48.6 25.5 76.5

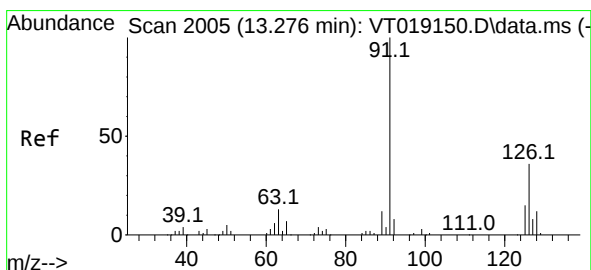
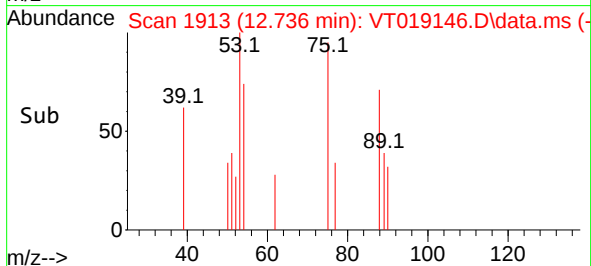
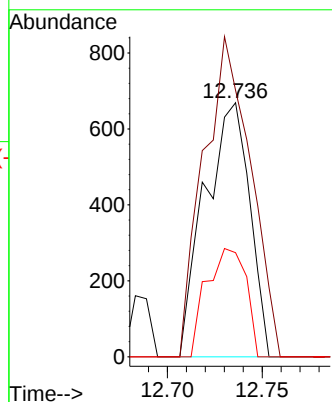
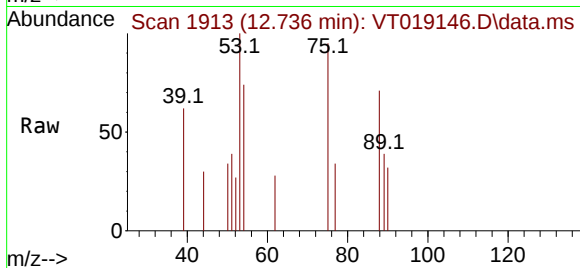




#81
trans-1,4-Dichloro-2-butene
Concen: 0.791 ug/l
RT: 12.736 min Scan# 1913
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

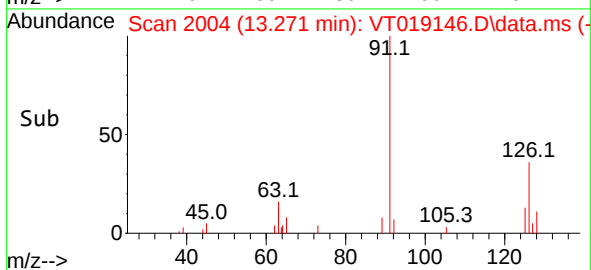
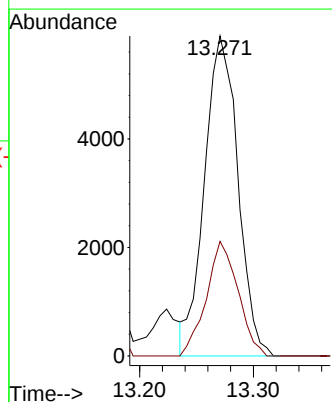
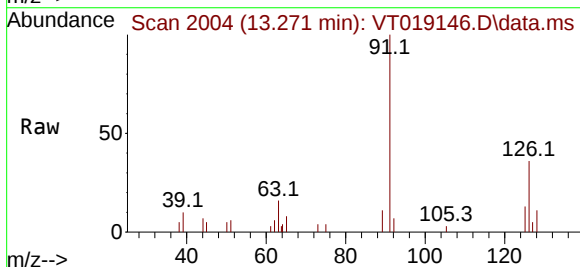
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

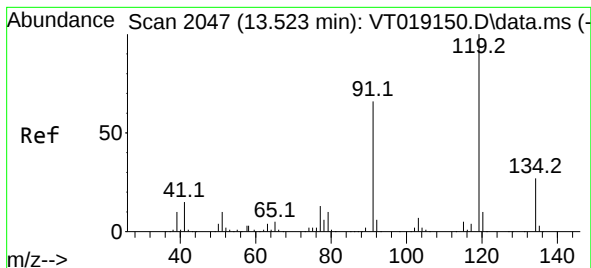
Tgt Ion:	75	Resp:	1100
Ion	Ratio	Lower	Upper
75	100		
53	132.2	86.0	129.0#
89	37.5	36.3	54.5



#82
4-Chlorotoluene
Concen: 1.265 ug/l
RT: 13.271 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:	91	Resp:	12035
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.7





#83

tert-Butylbenzene

Concen: 1.200 ug/l

RT: 13.523 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

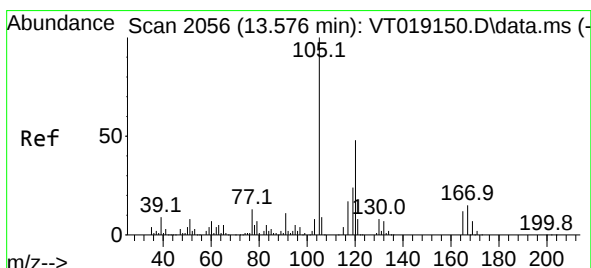
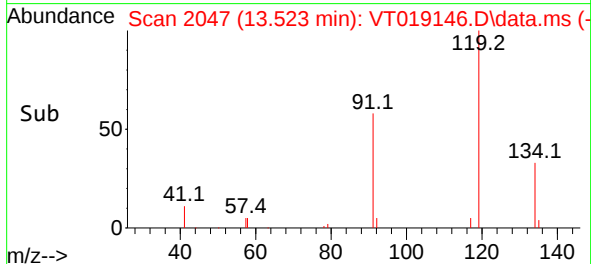
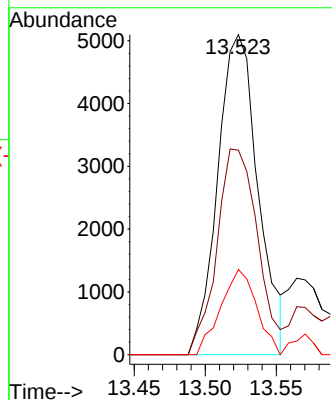
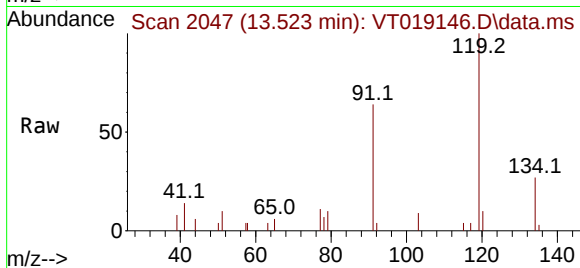
Tgt Ion:119 Resp: 10110

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 23.6 14.8 44.3



#84

1,2,4-Trimethylbenzene

Concen: 1.133 ug/l

RT: 13.576 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VT019146.D

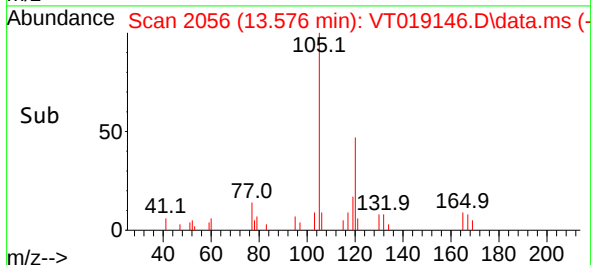
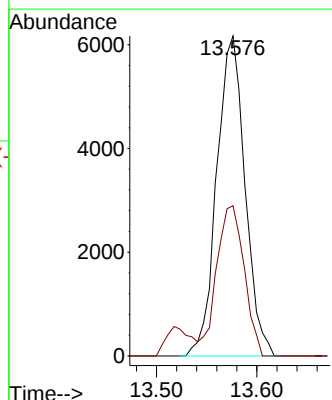
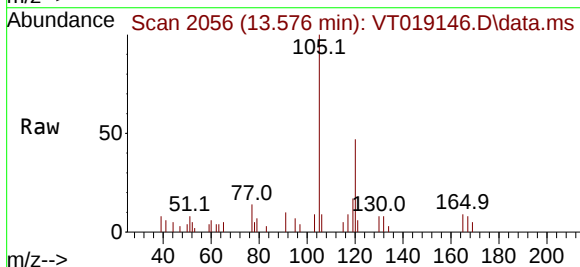
Acq: 3 Oct 2025 15:10

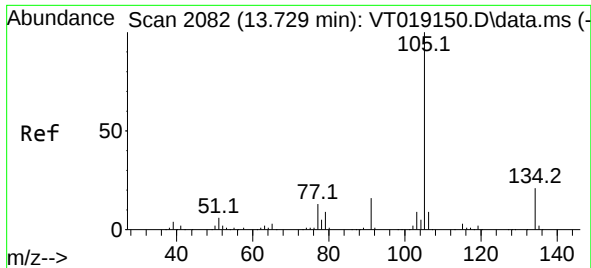
Tgt Ion:105 Resp: 12051

Ion Ratio Lower Upper

105 100

120 45.9 23.7 71.1

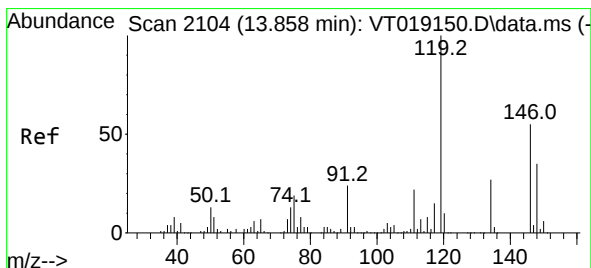
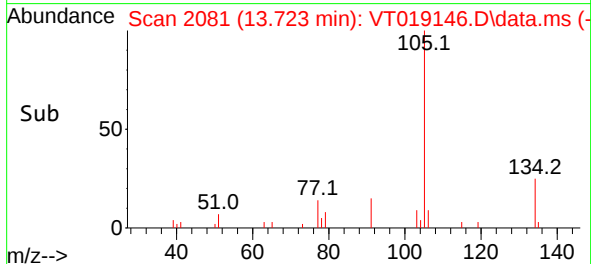
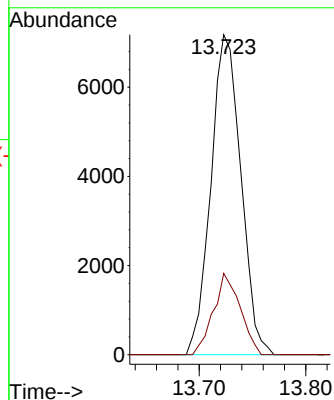
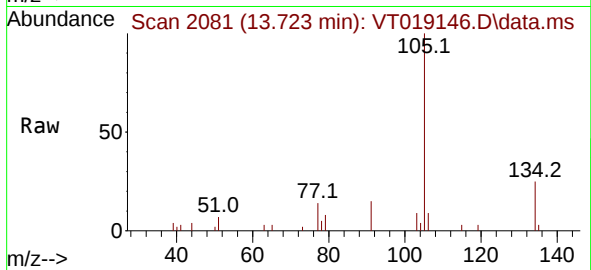




#85
 sec-Butylbenzene
 Concen: 1.240 ug/l
 RT: 13.723 min Scan# 2082
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

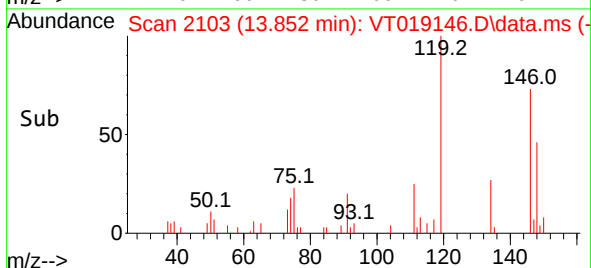
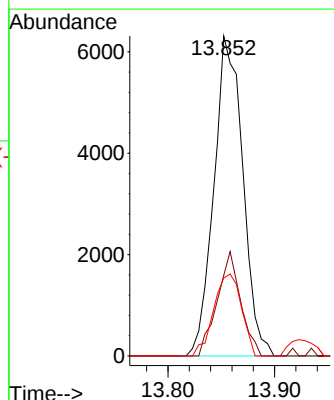
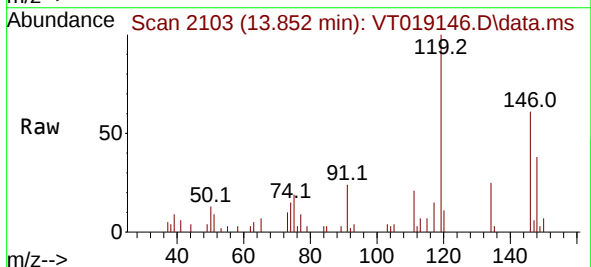
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

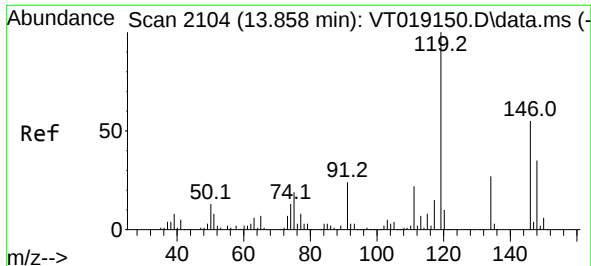
Tgt Ion:105 Resp: 14018
 Ion Ratio Lower Upper
 105 100
 134 22.6 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 1.159 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion:119 Resp: 11870
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 24.6 11.7 35.1

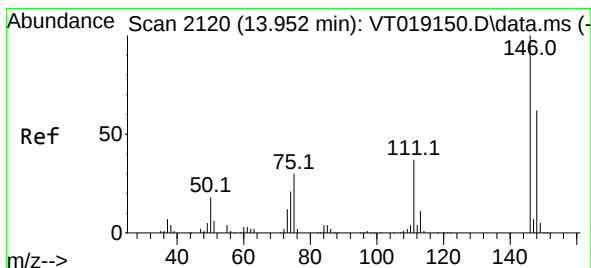
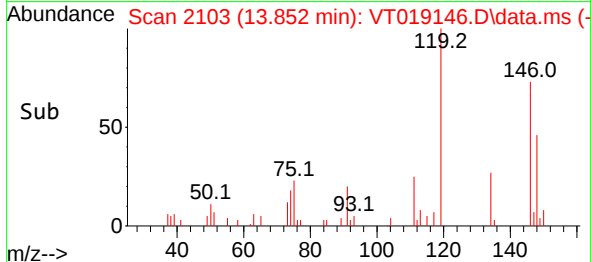
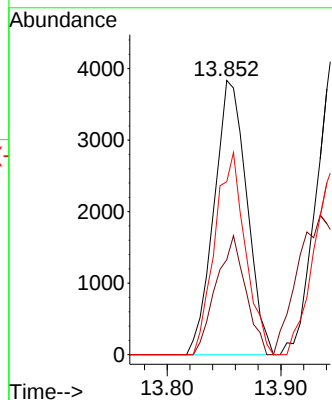
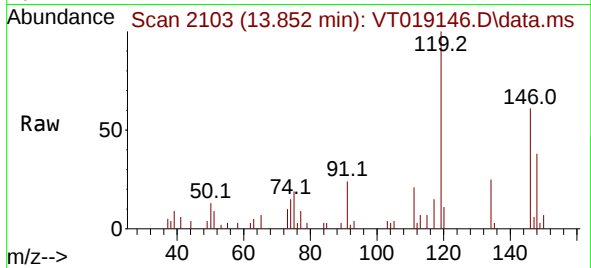




#87
 1,3-Dichlorobenzene
 Concen: 1.226 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.006 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

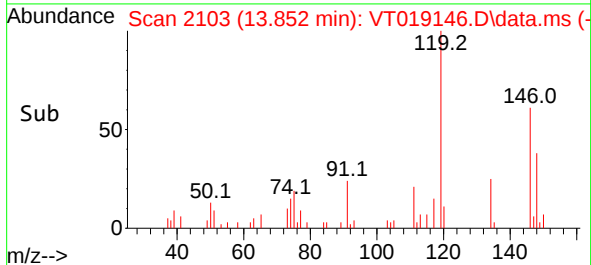
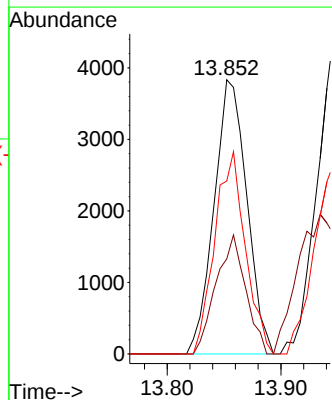
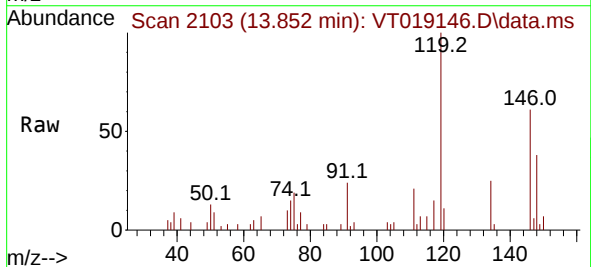
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

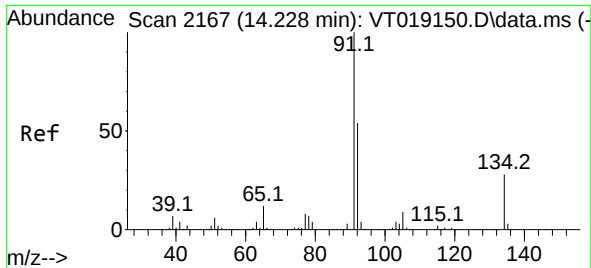
Tgt Ion:146 Resp: 7668
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.9
 148 68.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.218 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.100 min
 Lab File: VT019146.D
 Acq: 3 Oct 2025 15:10

Tgt Ion:146 Resp: 7668
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 68.7 31.8 95.4

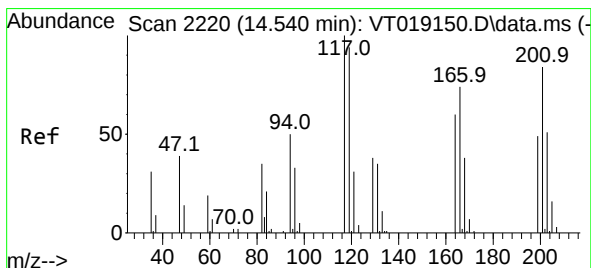
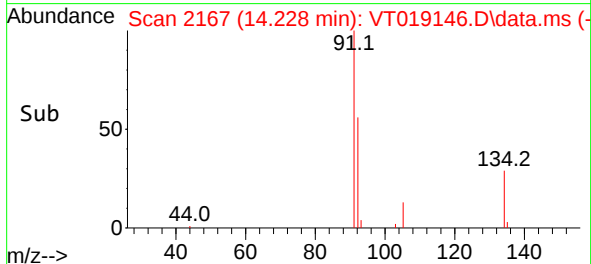
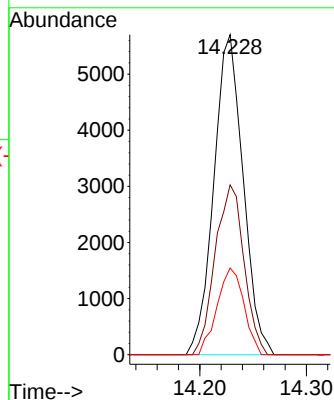
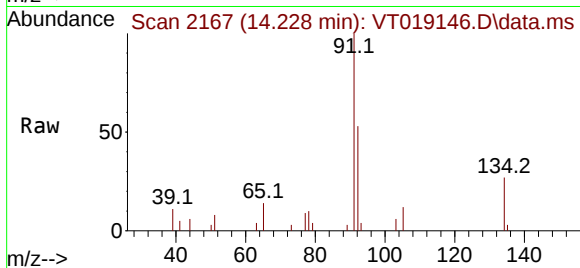




#89
n-Butylbenzene
Concen: 1.280 ug/l
RT: 14.228 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

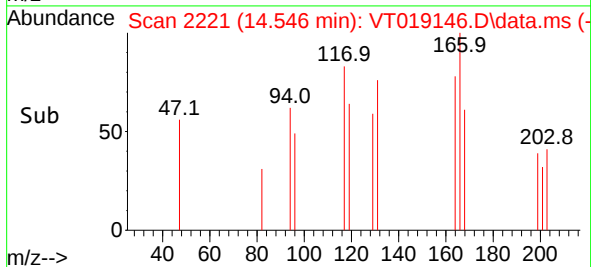
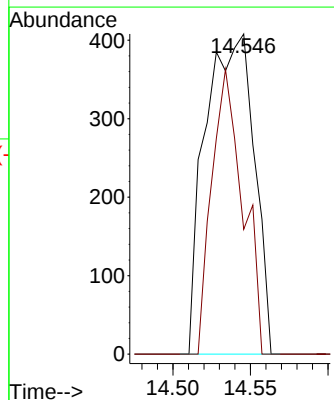
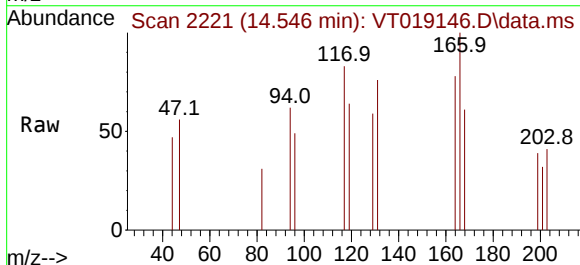
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

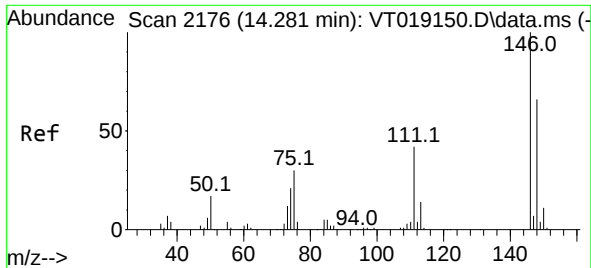
Tgt Ion:	91	Resp:	10868
Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.1	81.2
134	24.8	13.7	41.0



#90
Hexachloroethane
Concen: 4.472 ug/l
RT: 14.546 min Scan# 2221
Delta R.T. 0.006 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:	117	Resp:	891
Ion	Ratio	Lower	Upper
117	100		
201	56.7	39.7	119.1





#91

1,2-Dichlorobenzene

Concen: 1.130 ug/l

RT: 14.275 min Scan# 2176

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

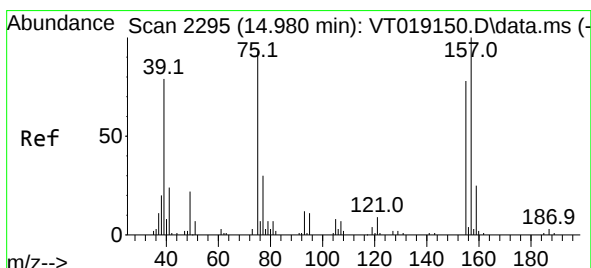
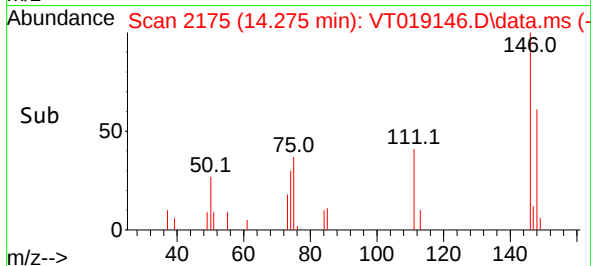
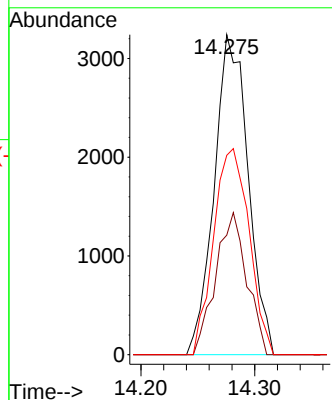
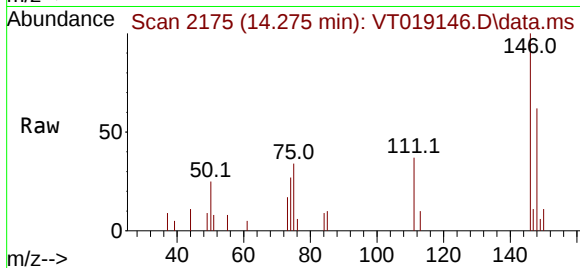
Tgt Ion:146 Resp: 6698

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.4

148 67.6 32.6 97.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.990 ug/l

RT: 14.986 min Scan# 2296

Delta R.T. 0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

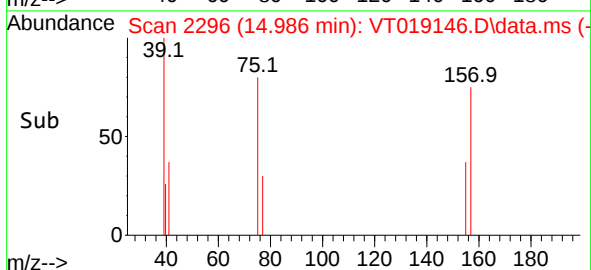
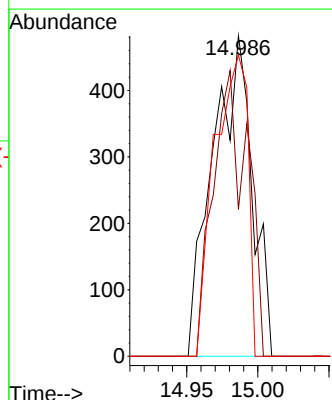
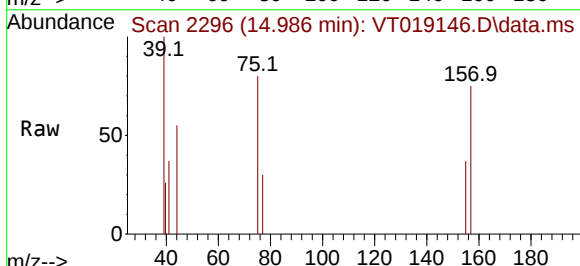
Tgt Ion: 75 Resp: 934

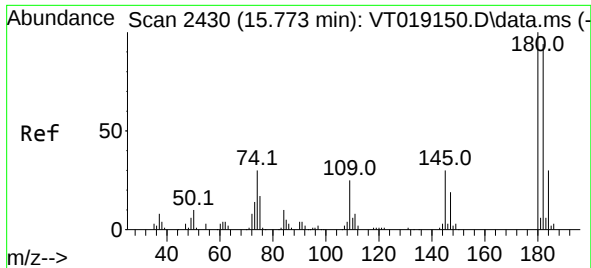
Ion Ratio Lower Upper

75 100

155 77.0 42.9 128.7

157 79.2 54.9 164.8

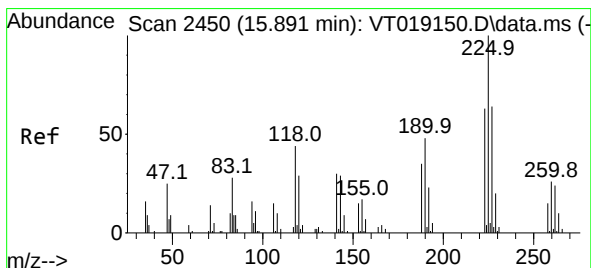
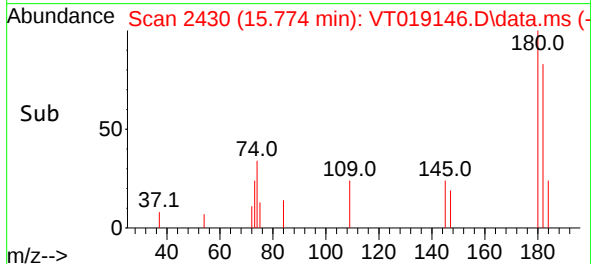
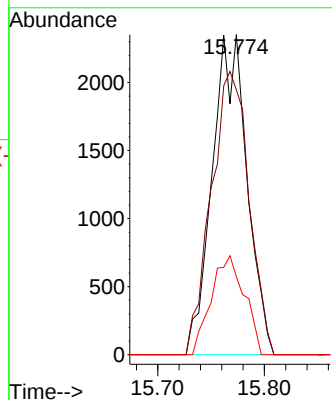
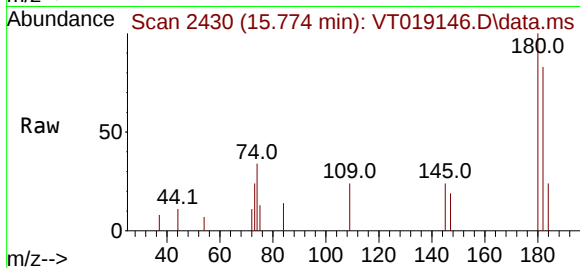




#93
1,2,4-Trichlorobenzene
Concen: 1.382 ug/l
RT: 15.774 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

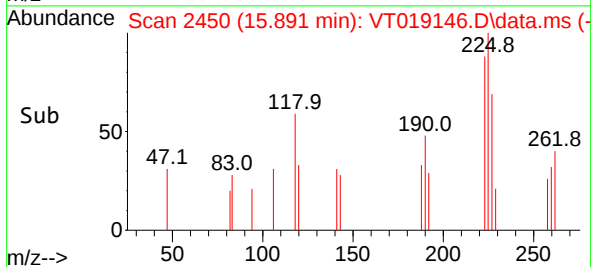
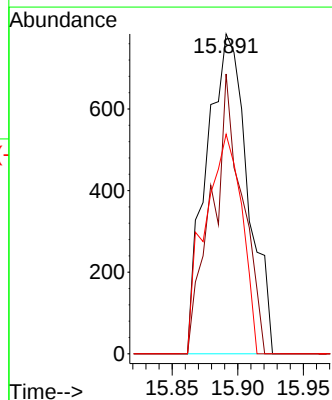
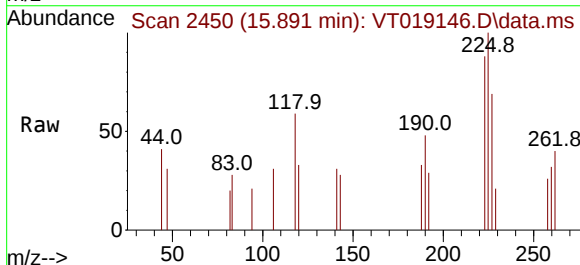
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

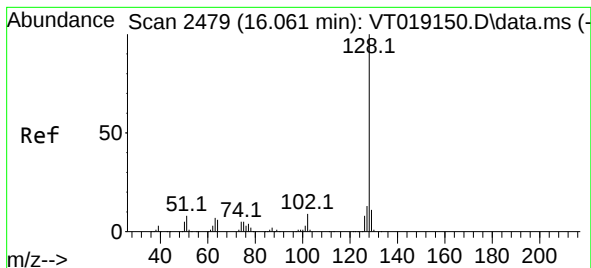
Tgt Ion:180 Resp: 5319
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 29.6 15.0 45.0



#94
Hexachlorobutadiene
Concen: 2.794 ug/l
RT: 15.891 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VT019146.D
Acq: 3 Oct 2025 15:10

Tgt Ion:225 Resp: 1715
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.5
227 61.4 31.9 95.9





#95

Naphthalene

Concen: 1.280 ug/l

RT: 16.056 min Scan# 2479

Delta R.T. -0.006 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

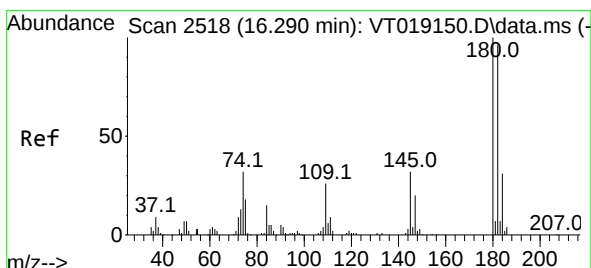
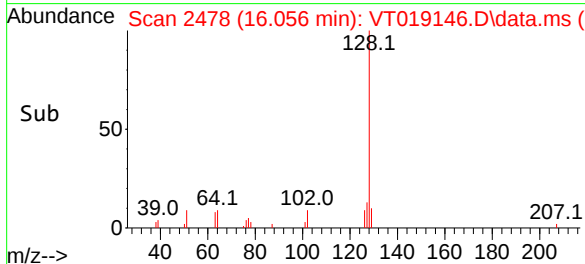
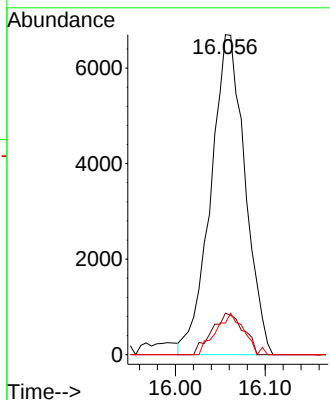
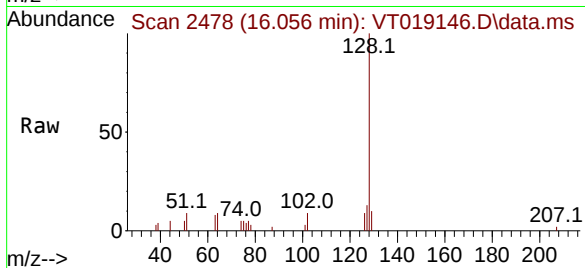
Tgt Ion:128 Resp: 17679

Ion Ratio Lower Upper

128 100

127 11.9 10.5 15.7

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.313 ug/l

RT: 16.291 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VT019146.D

Acq: 3 Oct 2025 15:10

Tgt Ion:180 Resp: 5067

Ion Ratio Lower Upper

180 100

182 101.1 47.6 142.8

145 33.7 15.8 47.4

