

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019147.D
 Acq On : 3 Oct 2025 15:59
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 04 01:23:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:21:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	231372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	440410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.720	117	371878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	182817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	15187	5.032	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.060%	
35) Dibromofluoromethane	7.454	113	11822	5.045	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.100%	
50) Toluene-d8	10.221	98	30240	5.035	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.080%	
62) 4-Bromofluorobenzene	12.848	95	17421	5.541	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	6603	4.339	ug/l	95
3) Chloromethane	2.060	50	6945	2.242	ug/l	97
4) Vinyl Chloride	2.172	62	11350	5.087	ug/l	95
5) Bromomethane	2.495	94	3443	4.578	ug/l	95
6) Chloroethane	2.630	64	6880	4.749	ug/l	95
7) Trichlorofluoromethane	2.941	101	14072	4.862	ug/l	98
8) Diethyl Ether	3.317	74	10689	5.323	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.635	101	9233	4.930	ug/l	92
10) Methyl Iodide	3.823	142	10809	3.607	ug/l	95
11) Tert butyl alcohol	4.639	59	29838	25.105	ug/l #	85
12) 1,1-Dichloroethene	3.617	96	11125	5.036	ug/l	84
13) Acrolein	3.505	56	10487	44.849	ug/l	98
14) Allyl chloride	4.169	41	35047	5.113	ug/l	97
15) Acrylonitrile	4.798	53	74330	26.673	ug/l	99
16) Acetone	3.705	43	93395	28.477	ug/l	96
17) Carbon Disulfide	3.911	76	28481	4.915	ug/l	97
18) Methyl Acetate	4.181	43	36570	4.859	ug/l	97
19) Methyl tert-butyl Ether	4.857	73	67765	5.171	ug/l	99
20) Methylene Chloride	4.387	84	23247	4.203	ug/l	96
21) trans-1,2-Dichloroethene	4.845	96	13989	5.159	ug/l	86
22) Diisopropyl ether	5.756	45	74365	5.262	ug/l	98
23) Vinyl Acetate	5.697	43	302284	26.767	ug/l	98
24) 1,1-Dichloroethane	5.650	63	32795	5.224	ug/l	98
25) 2-Butanone	6.655	43	115510	27.121	ug/l	98
26) 2,2-Dichloropropane	6.643	77	22711	5.015	ug/l	97
27) cis-1,2-Dichloroethene	6.643	96	19226	5.282	ug/l	98
28) Bromochloromethane	7.031	49	11881	3.916	ug/l #	100
29) Tetrahydrofuran	7.054	42	70451	26.308	ug/l	98
30) Chloroform	7.219	83	30446	5.191	ug/l	92
31) Cyclohexane	7.518	56	22798	5.878	ug/l #	86
32) 1,1,1-Trichloroethane	7.430	97	20976	5.052	ug/l	99
36) 1,1-Dichloropropene	7.665	75	17708	4.965	ug/l	94
37) Ethyl Acetate	6.755	43	41888	5.004	ug/l	99
38) Carbon Tetrachloride	7.648	117	11785	4.427	ug/l	91
39) Methylcyclohexane	9.081	83	13957	4.435	ug/l	97
40) Benzene	7.936	78	63297	4.886	ug/l	100

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Quant Time: Oct 04 01:23:05 2025
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 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:21:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.001	41	19097	4.915	ug/l	95
42) 1,2-Dichloroethane	8.030	62	26725	5.005	ug/l	99
43) Isopropyl Acetate	8.083	43	57385	4.919	ug/l	99
44) Trichloroethene	8.811	130	13044	4.960	ug/l	100
45) 1,2-Dichloropropane	9.128	63	15648	4.900	ug/l	96
46) Dibromomethane	9.222	93	10481	4.854	ug/l	99
47) Bromodichloromethane	9.446	83	19334	4.703	ug/l	96
48) Methyl methacrylate	9.217	41	26451	4.888	ug/l	98
49) 1,4-Dioxane	9.222	88	9722	99.452	ug/l	96
51) 4-Methyl-2-Pentanone	10.098	43	170634	24.992	ug/l	97
52) Toluene	10.292	92	35944	4.920	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	21684	4.693	ug/l	100
54) cis-1,3-Dichloropropene	9.933	75	23497	4.758	ug/l	95
55) 1,1,2-Trichloroethane	10.750	97	14543	4.932	ug/l	96
56) Ethyl methacrylate	10.603	69	25881	4.703	ug/l	98
57) 1,3-Dichloropropane	10.915	76	26266	4.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.775	63	50743	23.726	ug/l	100
59) 2-Hexanone	10.967	43	129470	24.815	ug/l	99
60) Dibromochloromethane	11.138	129	11894	4.553	ug/l	100
61) 1,2-Dibromoethane	11.261	107	13876	4.768	ug/l	97
64) Tetrachloroethene	10.826	164	10165	4.915	ug/l	95
65) Chlorobenzene	11.749	112	40194	4.943	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.837	131	10716	4.502	ug/l	94
67) Ethyl Benzene	11.837	91	65691	4.943	ug/l	99
68) m/p-Xylenes	11.960	106	49826	9.644	ug/l	97
69) o-Xylene	12.331	106	25537	4.822	ug/l	99
70) Styrene	12.354	104	44625	4.886	ug/l	99
71) Bromoform	12.542	173	7080	5.667	ug/l #	97
73) Isopropylbenzene	12.677	105	57945	4.955	ug/l	100
74) N-amyl acetate	12.466	43	36044	4.810	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.965	83	22767	5.054	ug/l	98
76) 1,2,3-Trichloropropane	13.018	75	29797	7.363	ug/l #	100
77) Bromobenzene	12.995	156	16281	4.868	ug/l	100
78) n-propylbenzene	13.065	91	68032	5.030	ug/l	99
79) 2-Chlorotoluene	13.159	91	45346	5.041	ug/l	98
80) 1,3,5-Trimethylbenzene	13.224	105	50784	5.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	5862	4.067	ug/l #	80
82) 4-Chlorotoluene	13.271	91	47498	5.020	ug/l	99
83) tert-Butylbenzene	13.523	119	41756	4.981	ug/l	98
84) 1,2,4-Trimethylbenzene	13.576	105	52841	4.993	ug/l	97
85) sec-Butylbenzene	13.729	105	54642	4.859	ug/l	100
86) p-Isopropyltoluene	13.858	119	49022	4.812	ug/l	99
87) 1,3-Dichlorobenzene	13.858	146	30963	4.975	ug/l	99
88) 1,4-Dichlorobenzene	13.946	146	32023	4.953	ug/l	95
89) n-Butylbenzene	14.228	91	40737	4.823	ug/l	97
90) Hexachloroethane	14.540	117	4068	6.600	ug/l	93
91) 1,2-Dichlorobenzene	14.281	146	29968	5.082	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.975	75	4343	4.626	ug/l	95
93) 1,2,4-Trichlorobenzene	15.774	180	18160	4.744	ug/l	98
94) Hexachlorobutadiene	15.891	225	5481	6.112	ug/l	98
95) Naphthalene	16.056	128	65594	4.775	ug/l	98
96) 1,2,3-Trichlorobenzene	16.291	180	18427	4.802	ug/l	99

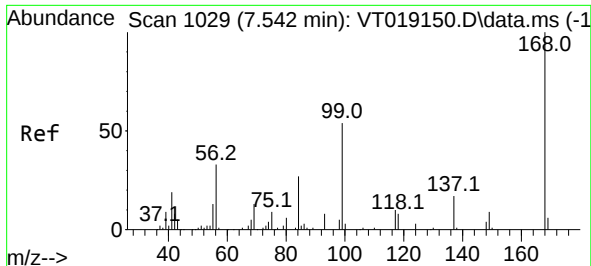
Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
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Operator : SY/MD
Sample : VSTDICC005
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Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Sat Oct 04 01:21:12 2025
Response via : Initial Calibration

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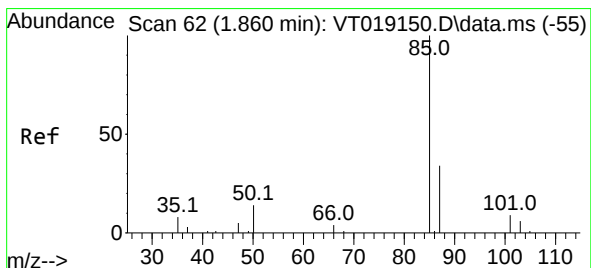
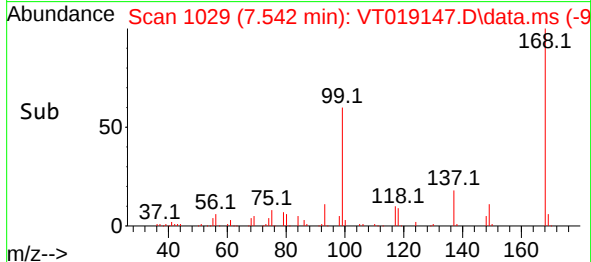
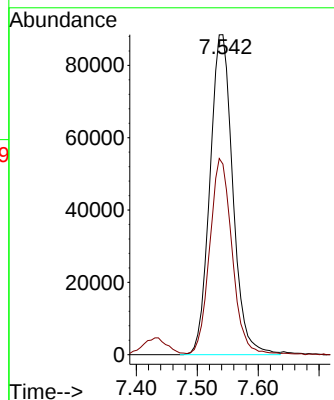
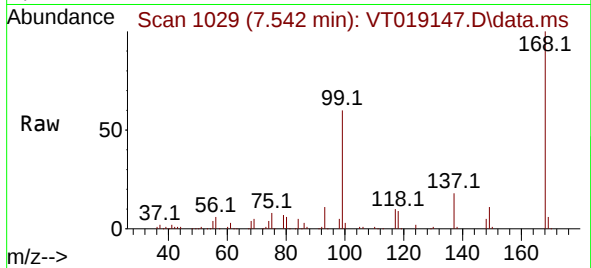
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.542 min Scan# 1029
Delta R.T. -0.000 min
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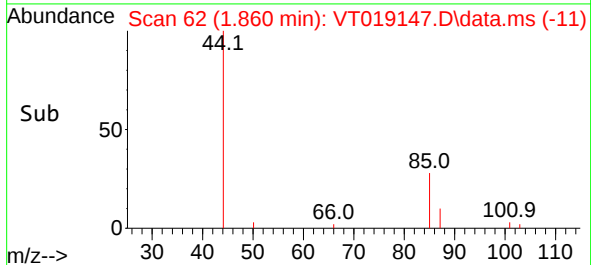
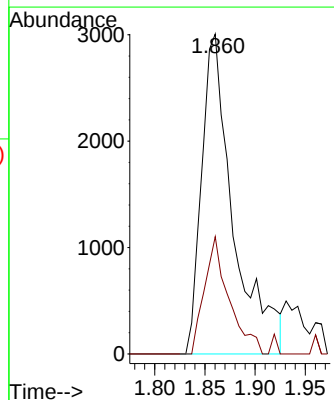
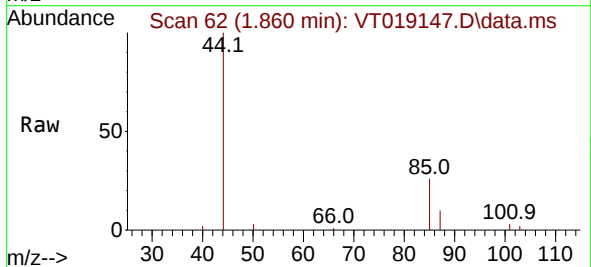
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ClientSampleId :
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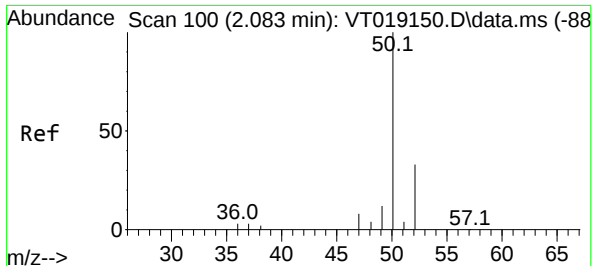
Tgt Ion:168 Resp: 231372
Ion Ratio Lower Upper
168 100
99 59.2 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 4.339 ug/l
RT: 1.860 min Scan# 62
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 85 Resp: 6603
Ion Ratio Lower Upper
85 100
87 36.6 16.8 50.4

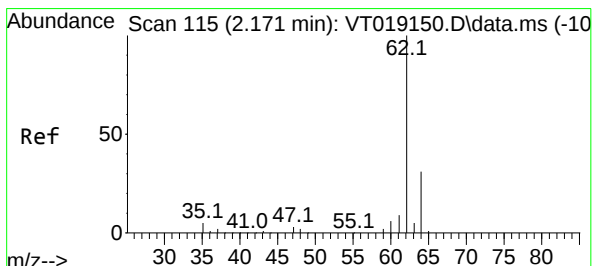
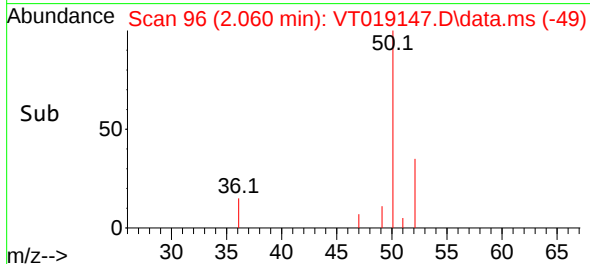
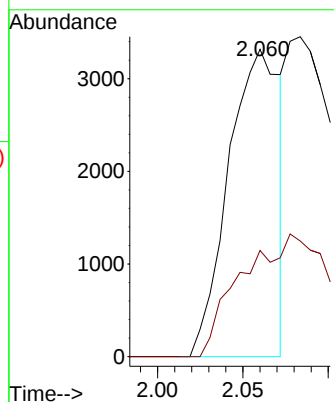
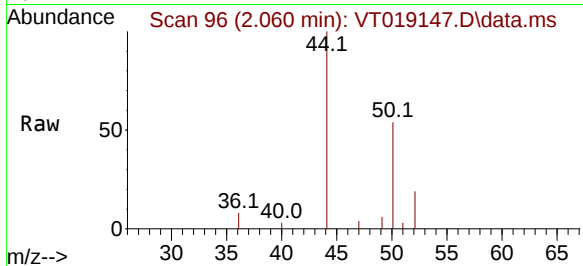




#3
Chloromethane
Concen: 2.242 ug/l
RT: 2.060 min Scan# 90
Delta R.T. -0.023 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

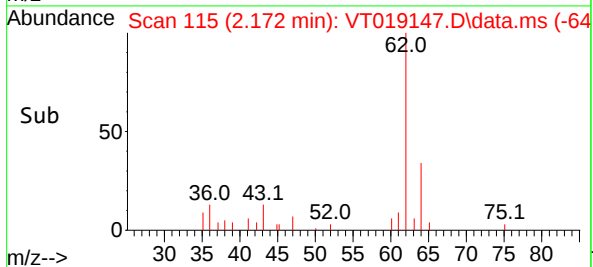
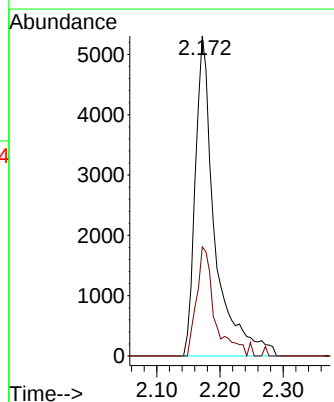
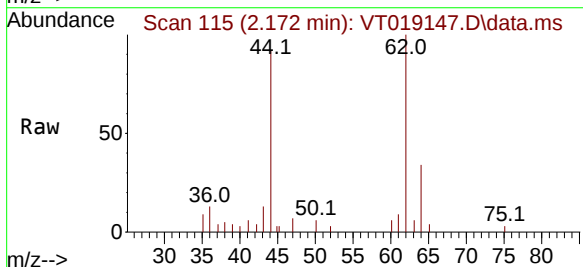
Instrument :
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ClientSampleId :
VSTDICC005

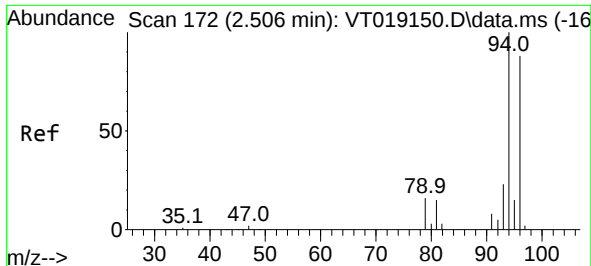
Tgt Ion: 50 Resp: 6945
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7



#4
Vinyl Chloride
Concen: 5.087 ug/l
RT: 2.172 min Scan# 115
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 62 Resp: 11350
Ion Ratio Lower Upper
62 100
64 34.1 25.2 37.8

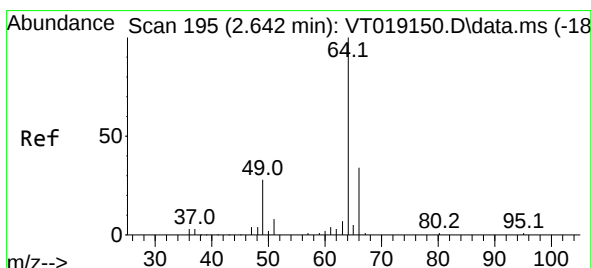
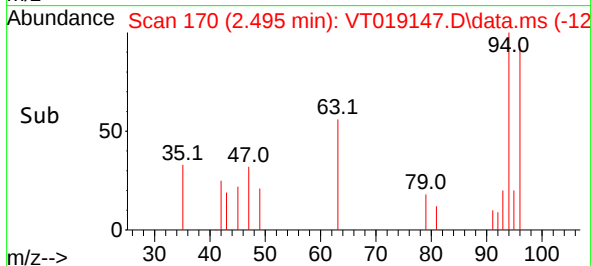
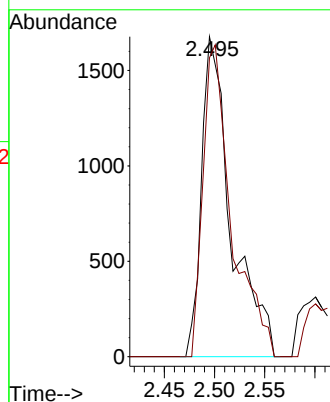
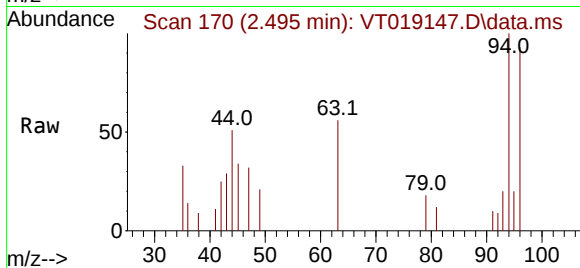




#5
Bromomethane
Concen: 4.578 ug/l
RT: 2.495 min Scan# 11
Delta R.T. -0.012 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

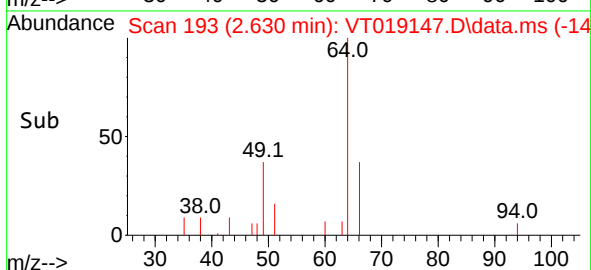
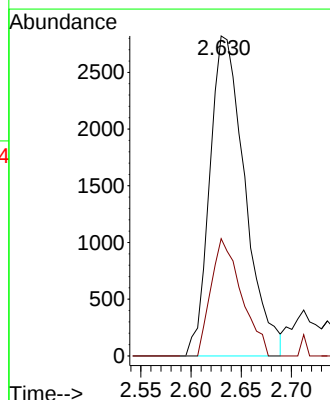
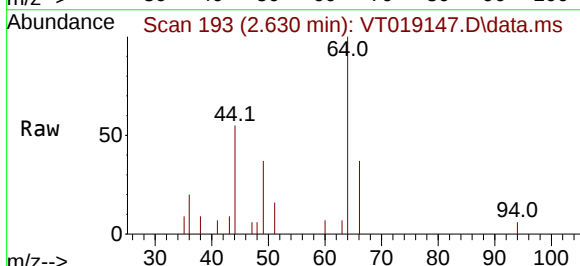
Instrument :
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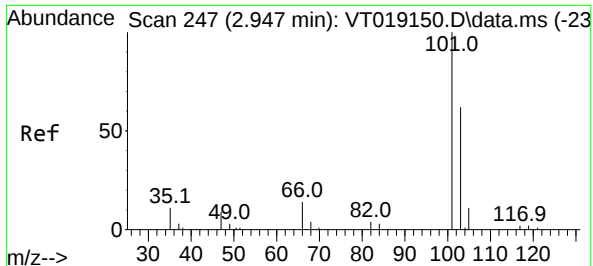
Tgt Ion: 94 Resp: 3443
Ion Ratio Lower Upper
94 100
96 93.4 70.8 106.2



#6
Chloroethane
Concen: 4.749 ug/l
RT: 2.630 min Scan# 193
Delta R.T. -0.012 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 64 Resp: 6880
Ion Ratio Lower Upper
64 100
66 36.7 26.9 40.3

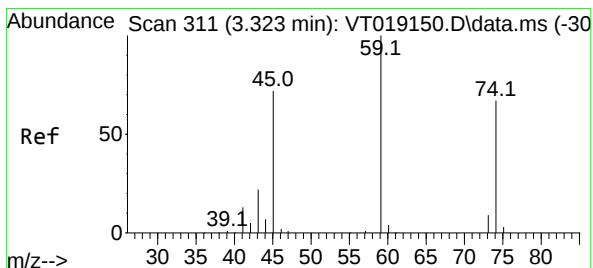
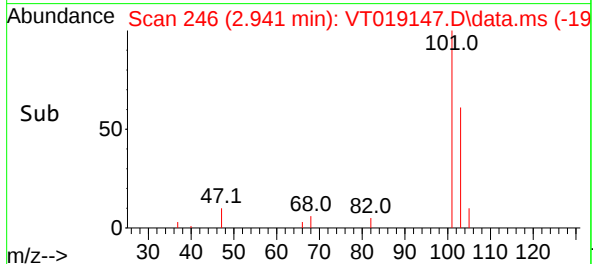
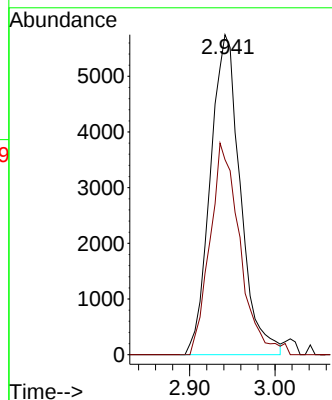
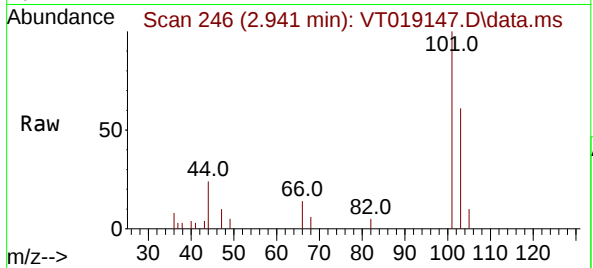




#7
Trichlorofluoromethane
Concen: 4.862 ug/l
RT: 2.941 min Scan# 247
Delta R.T. -0.006 min
Lab File: VT019147.D
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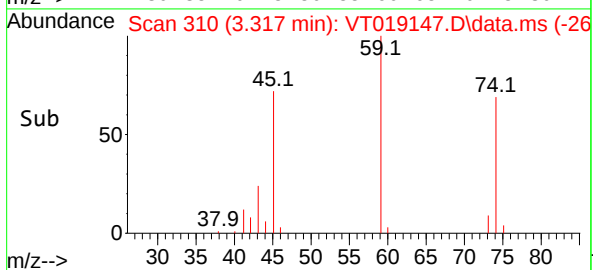
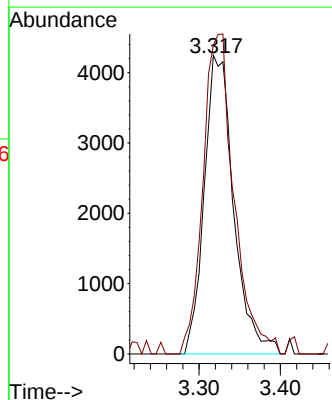
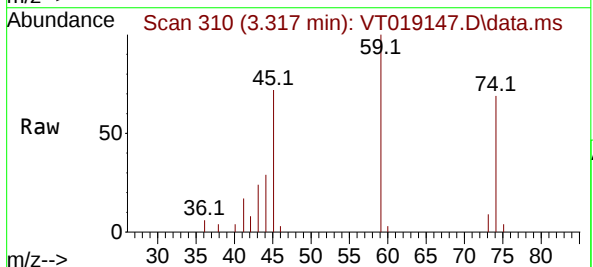
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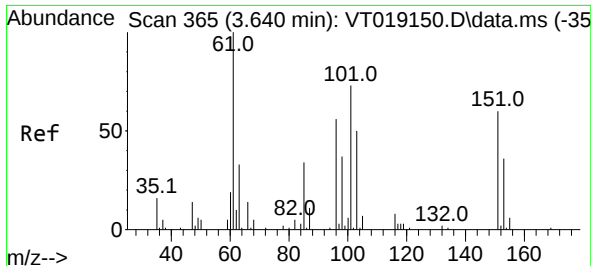
Tgt Ion:101 Resp: 14072
Ion Ratio Lower Upper
101 100
103 61.0 49.9 74.9



#8
Diethyl Ether
Concen: 5.323 ug/l
RT: 3.317 min Scan# 310
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 74 Resp: 10689
Ion Ratio Lower Upper
74 100
45 113.1 52.3 156.8

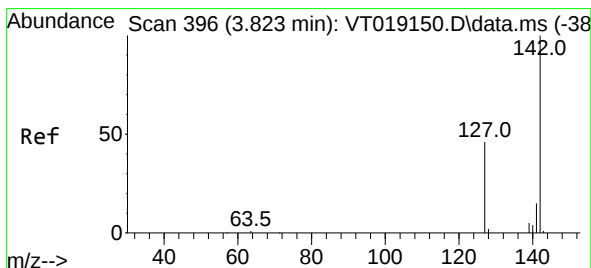
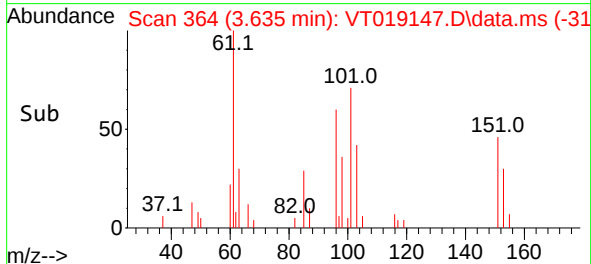
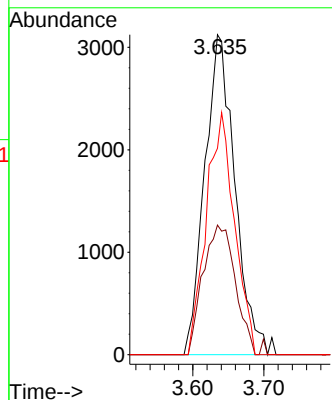
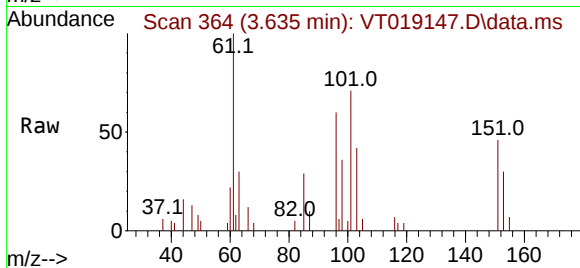




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.930 ug/l
RT: 3.635 min Scan# 364
Delta R.T. -0.006 min
Lab File: VT019147.D
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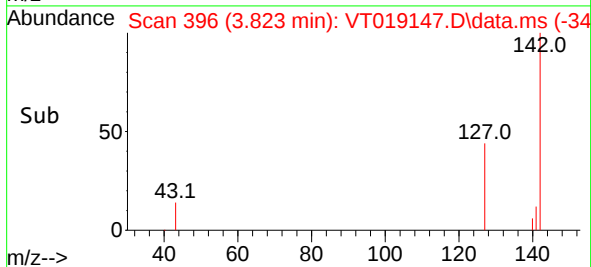
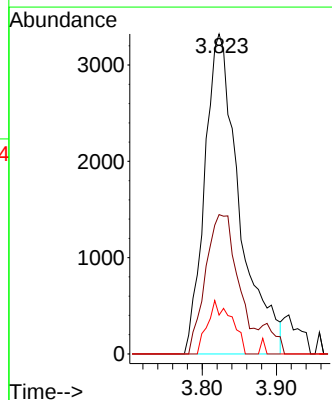
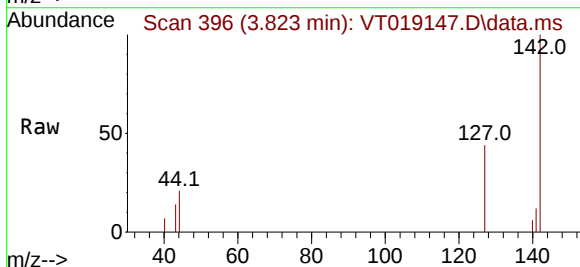
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ClientSampleId :
VSTDIC005

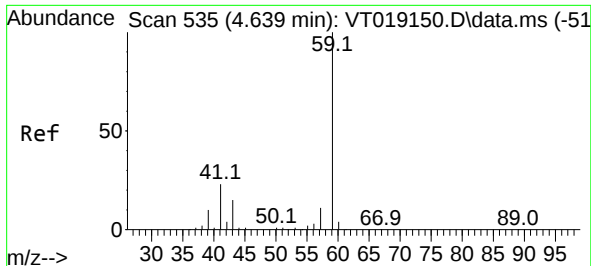
Tgt Ion:101 Resp: 9233
Ion Ratio Lower Upper
101 100
85 43.1 37.0 55.6
151 70.6 63.8 95.6



#10
Methyl Iodide
Concen: 3.607 ug/l
RT: 3.823 min Scan# 396
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:142 Resp: 10809
Ion Ratio Lower Upper
142 100
127 41.2 35.0 52.4
141 11.6 11.4 17.2

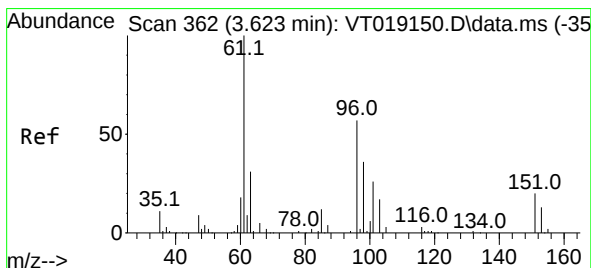
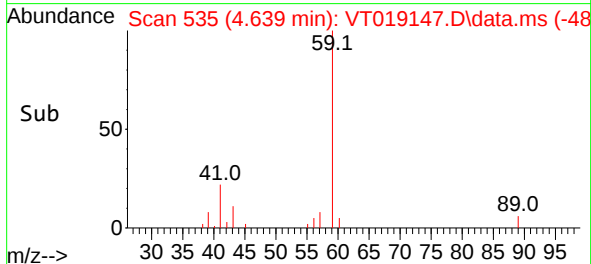
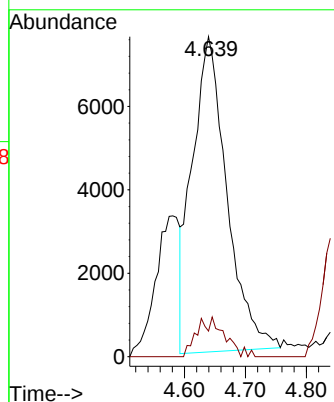
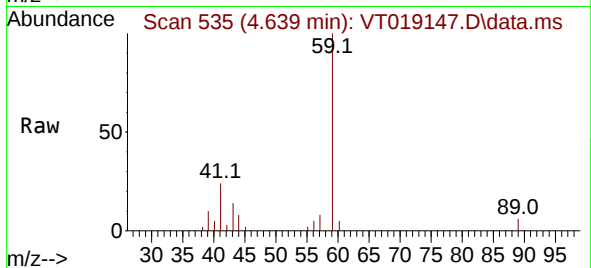




#11
Tert butyl alcohol
Concen: 25.105 ug/l
RT: 4.639 min Scan# 51
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

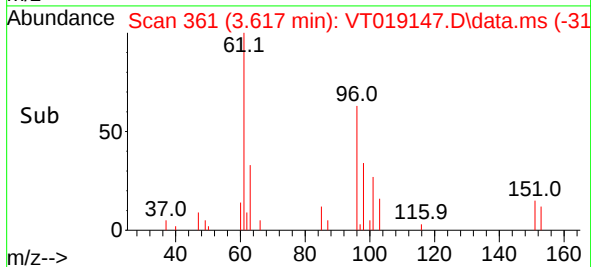
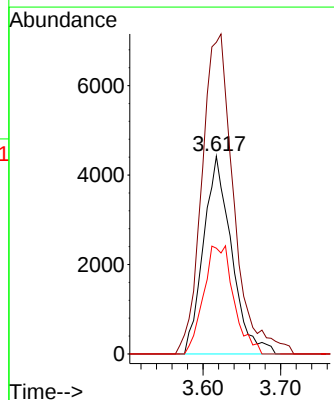
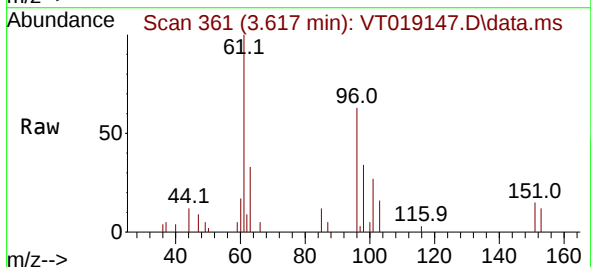
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

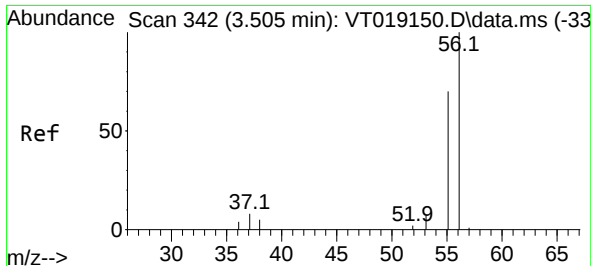
Tgt Ion: 59 Resp: 29838
Ion Ratio Lower Upper
59 100
57 4.6 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 5.036 ug/l
RT: 3.617 min Scan# 361
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 96 Resp: 11125
Ion Ratio Lower Upper
96 100
61 153.2 141.4 212.2
98 53.5 50.7 76.1





#13

Acrolein

Concen: 44.849 ug/l

RT: 3.505 min Scan# 34

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

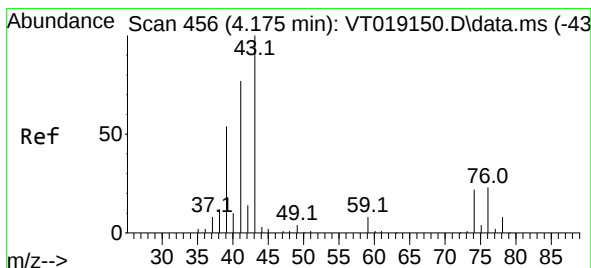
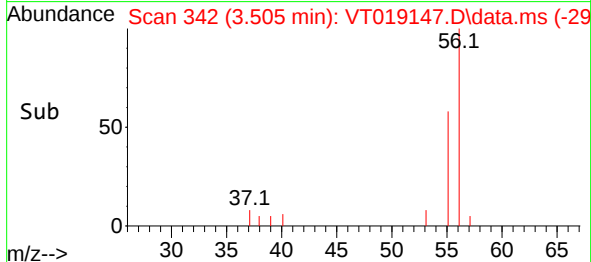
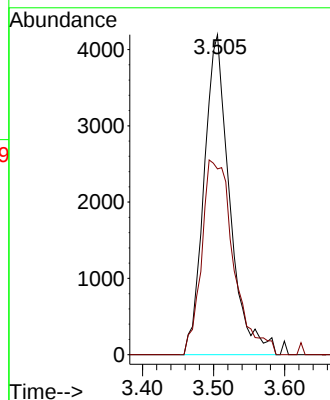
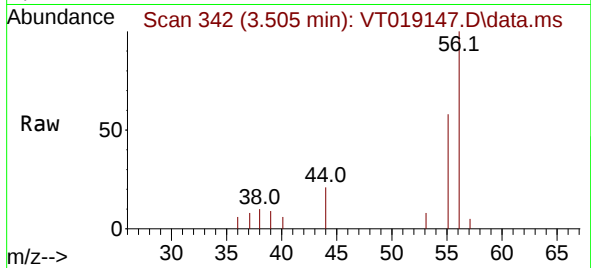
VSTDIC005

Tgt Ion: 56 Resp: 10487

Ion Ratio Lower Upper

56 100

55 75.6 59.4 89.0



#14

Allyl chloride

Concen: 5.113 ug/l

RT: 4.169 min Scan# 455

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

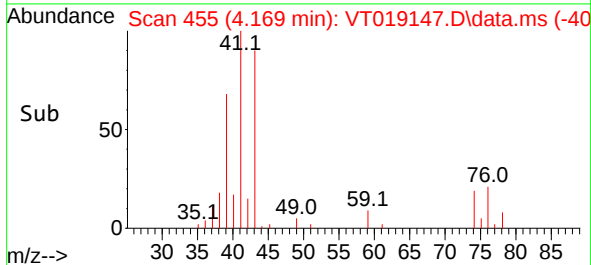
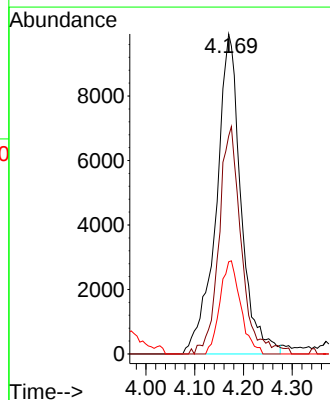
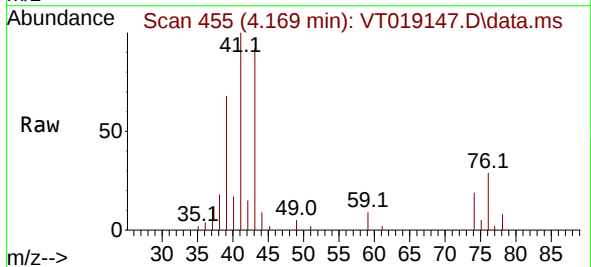
Tgt Ion: 41 Resp: 35047

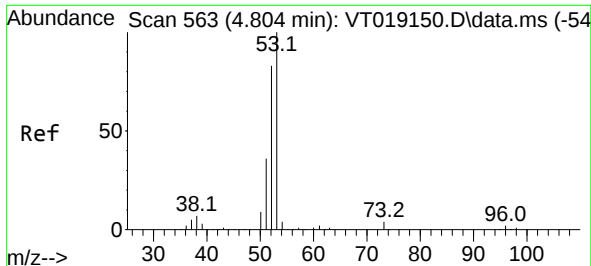
Ion Ratio Lower Upper

41 100

39 64.3 49.9 74.9

76 24.2 20.8 31.2

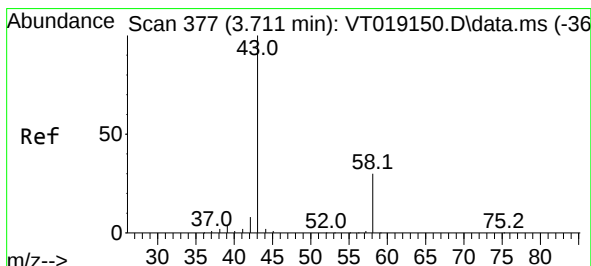
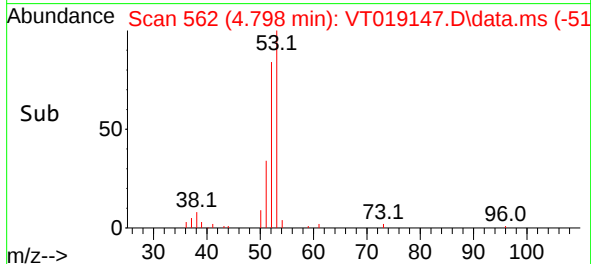
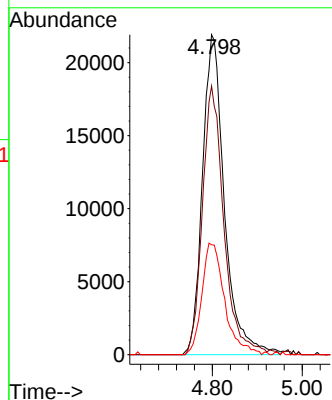
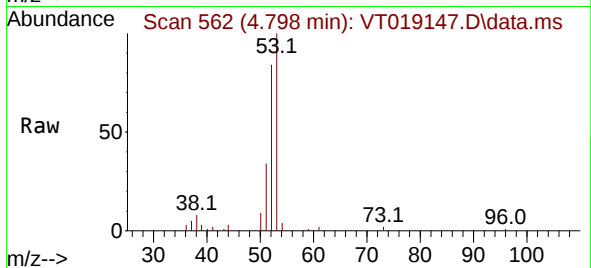




#15
Acrylonitrile
Concen: 26.673 ug/l
RT: 4.798 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

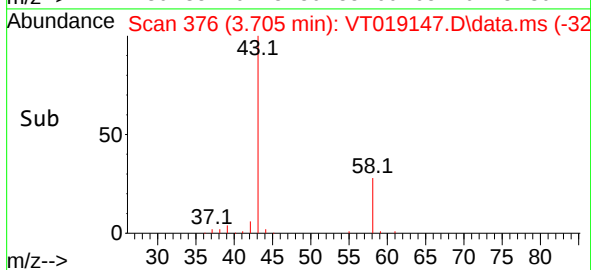
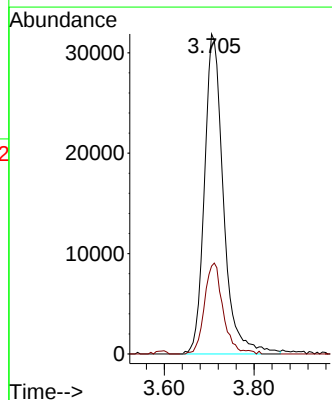
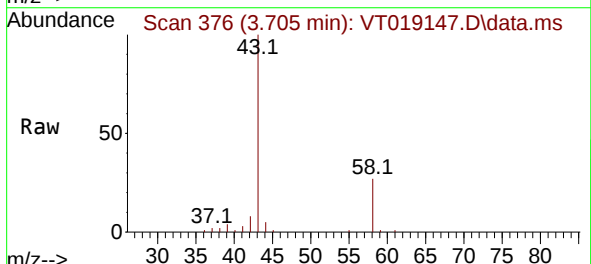
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

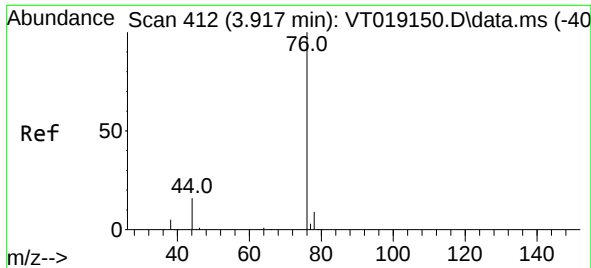
Tgt Ion: 53 Resp: 74330
Ion Ratio Lower Upper
53 100
52 81.8 65.9 98.9
51 36.0 29.4 44.2



#16
Acetone
Concen: 28.477 ug/l
RT: 3.705 min Scan# 376
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 43 Resp: 93395
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8

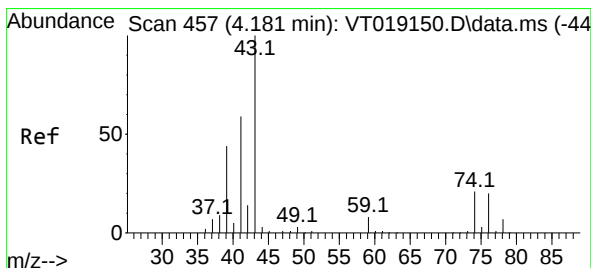
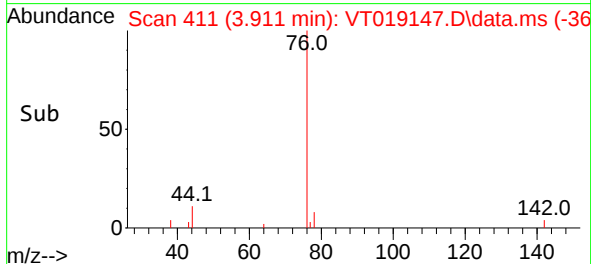
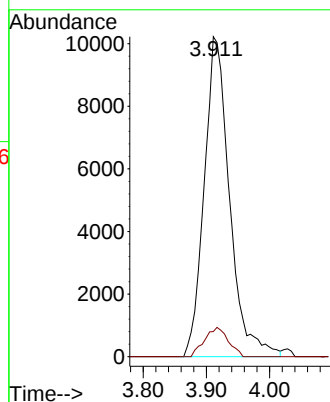
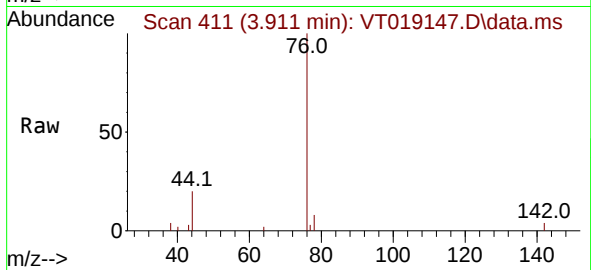




#17
Carbon Disulfide
Concen: 4.915 ug/l
RT: 3.911 min Scan# 41
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

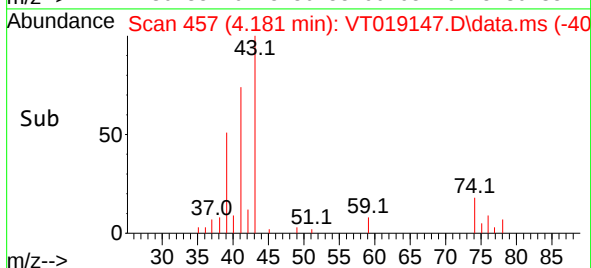
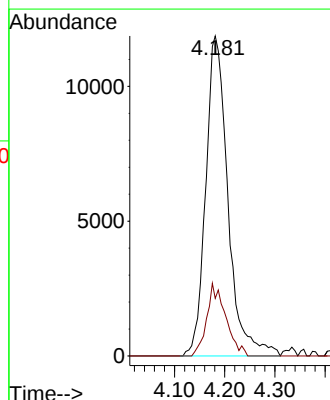
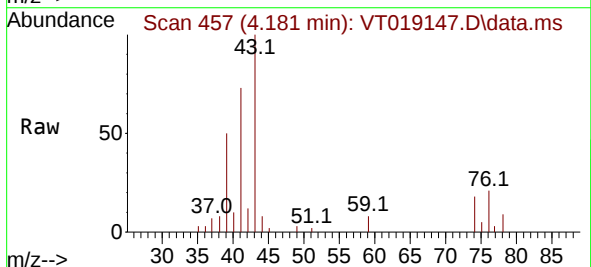
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

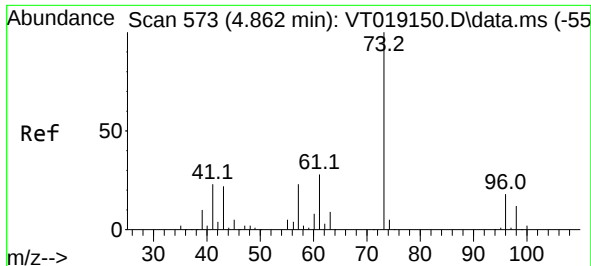
Tgt Ion: 76 Resp: 28481
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7



#18
Methyl Acetate
Concen: 4.859 ug/l
RT: 4.181 min Scan# 457
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 43 Resp: 36570
Ion Ratio Lower Upper
43 100
74 19.3 16.7 25.1

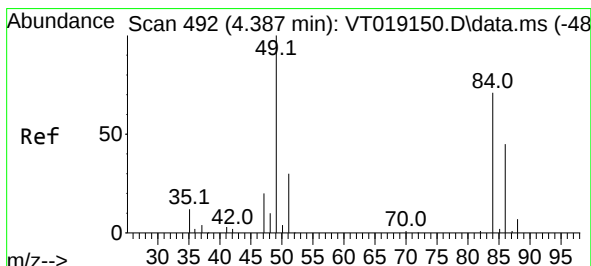
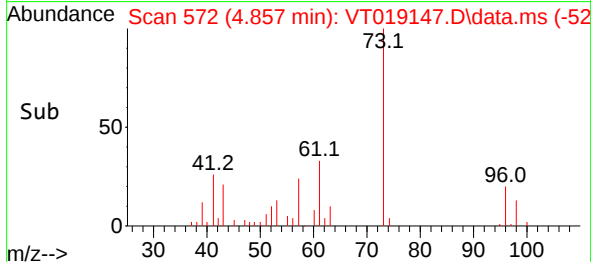
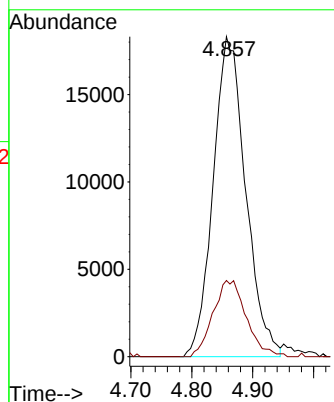
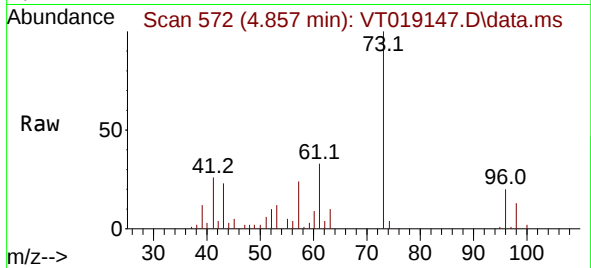




#19
Methyl tert-butyl Ether
Concen: 5.171 ug/l
RT: 4.857 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

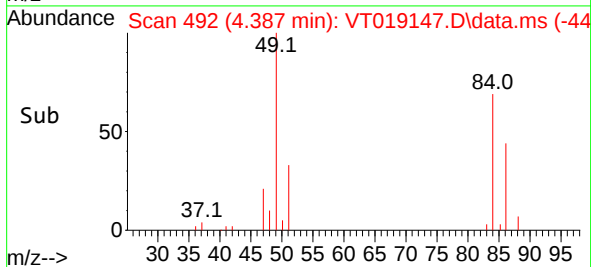
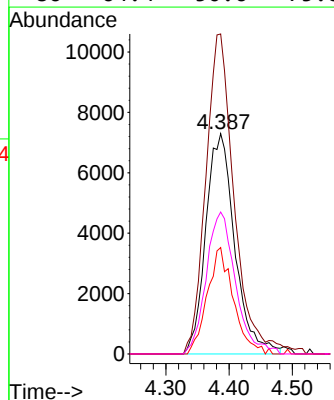
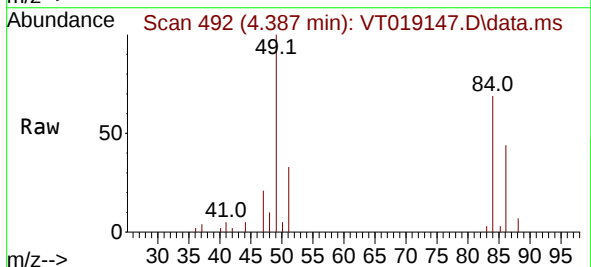
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

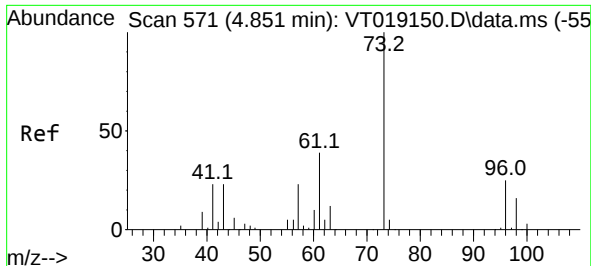
Tgt Ion: 73 Resp: 67765
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2



#20
Methylene Chloride
Concen: 4.203 ug/l
RT: 4.387 min Scan# 492
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 84 Resp: 23247
Ion Ratio Lower Upper
84 100
49 145.2 113.1 169.7
51 48.3 33.6 50.4
86 64.4 50.6 75.8

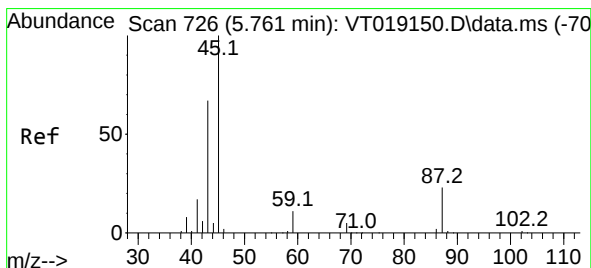
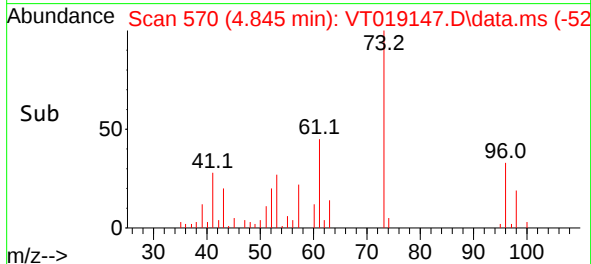
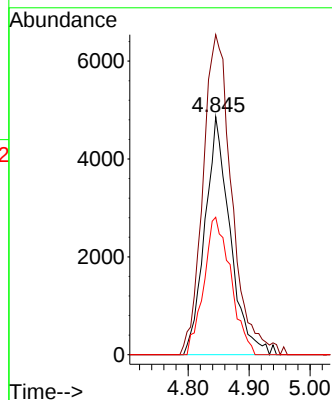
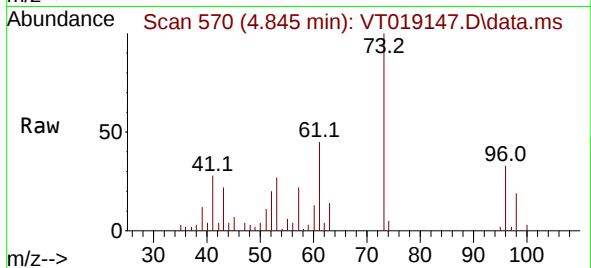




#21
trans-1,2-Dichloroethene
Concen: 5.159 ug/l
RT: 4.845 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

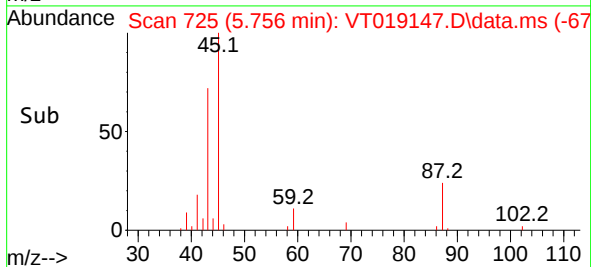
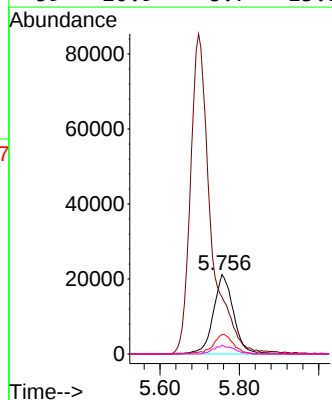
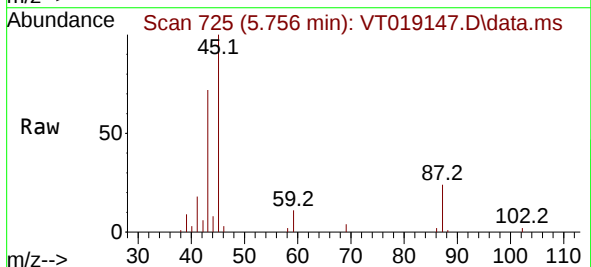
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

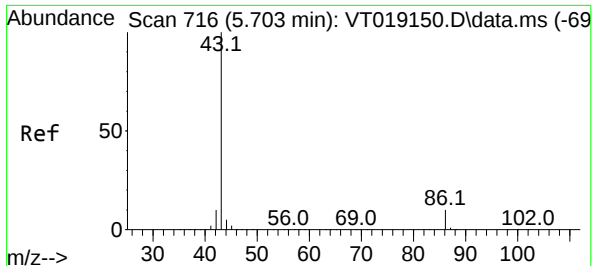
Tgt Ion: 96 Resp: 13989
Ion Ratio Lower Upper
96 100
61 134.5 124.6 187.0
98 57.7 50.9 76.3



#22
Diisopropyl ether
Concen: 5.262 ug/l
RT: 5.756 min Scan# 725
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 45 Resp: 74365
Ion Ratio Lower Upper
45 100
43 70.0 54.2 81.4
87 24.4 18.9 28.3
59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 26.767 ug/l

RT: 5.697 min Scan# 716

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

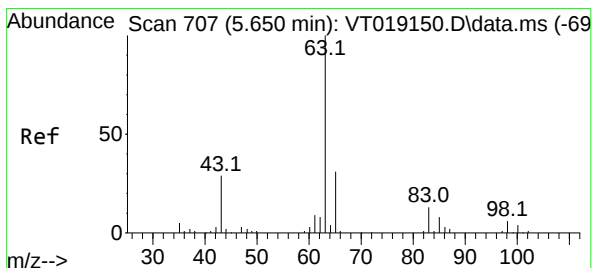
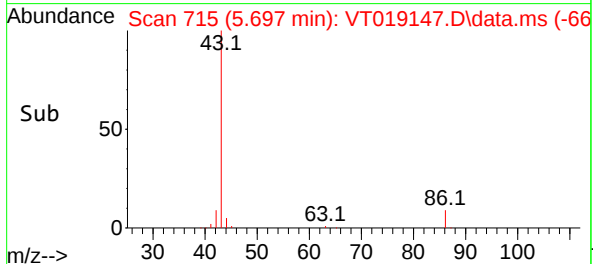
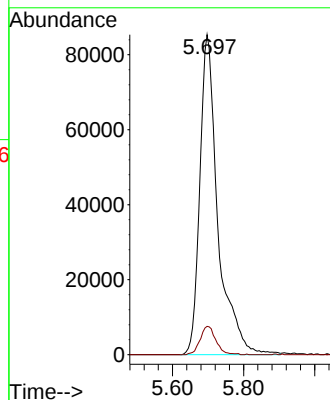
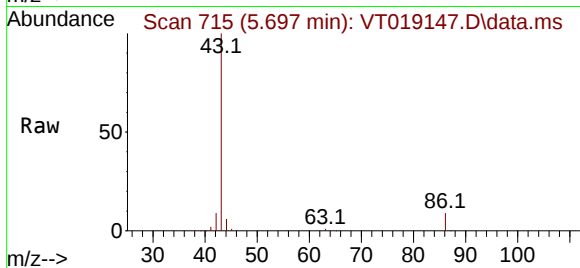
VSTDIC005

Tgt Ion: 43 Resp: 302284

Ion Ratio Lower Upper

43 100

86 8.8 7.8 11.6



#24

1,1-Dichloroethane

Concen: 5.224 ug/l

RT: 5.650 min Scan# 707

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

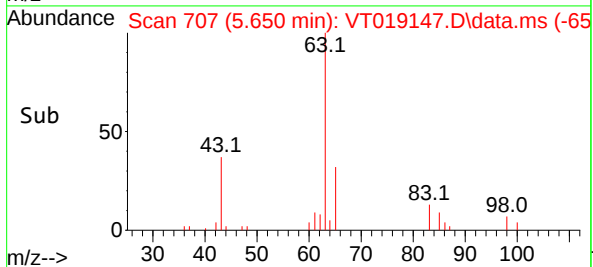
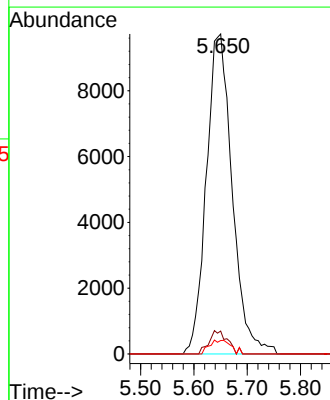
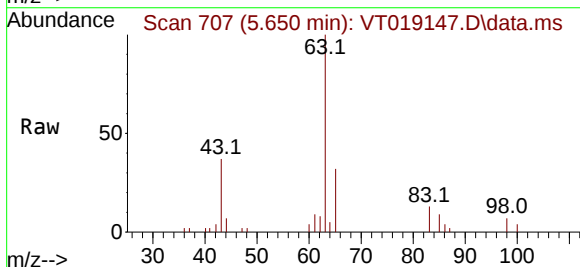
Tgt Ion: 63 Resp: 32795

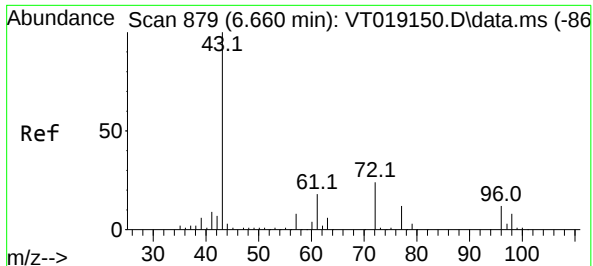
Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

100 4.2 2.0 6.0

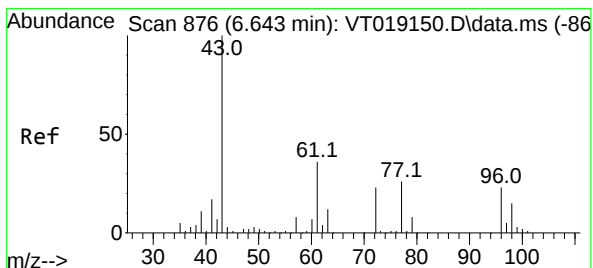
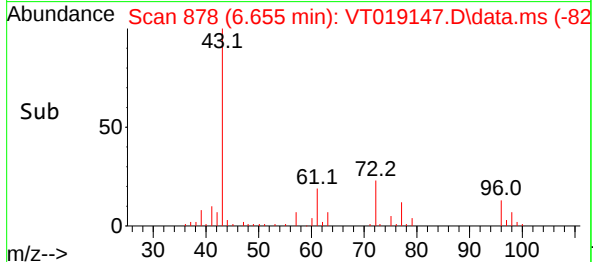
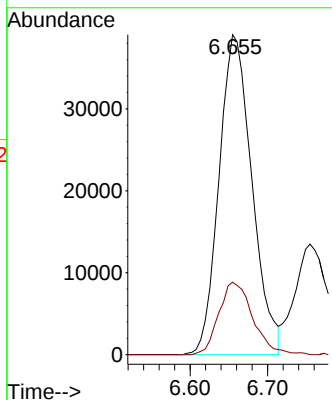
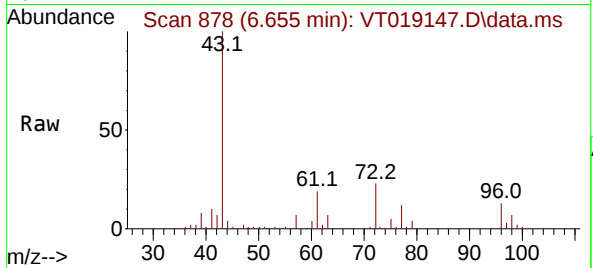




#25
2-Butanone
Concen: 27.121 ug/l
RT: 6.655 min Scan# 81
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

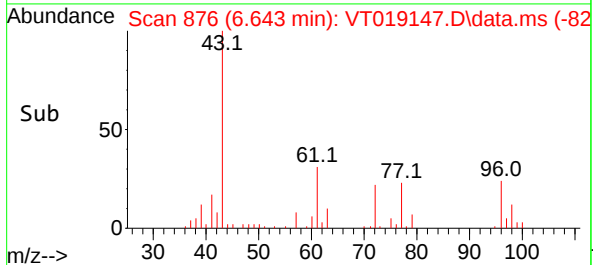
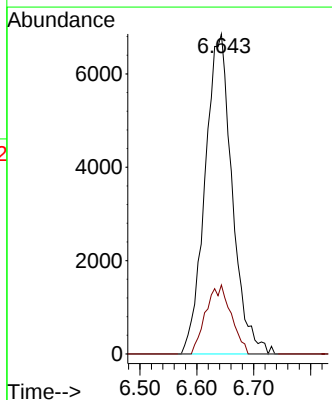
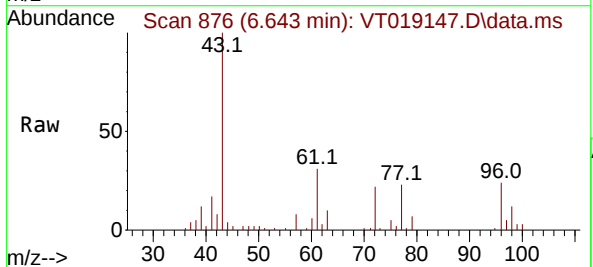
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

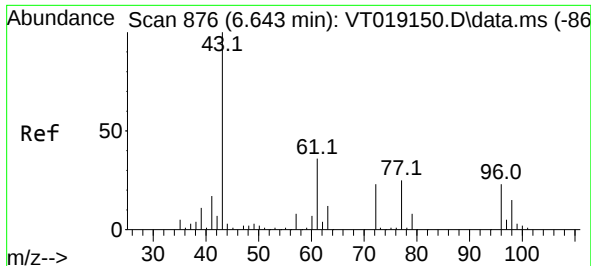
Tgt Ion: 43 Resp: 115510
Ion Ratio Lower Upper
43 100
72 22.7 19.0 28.6



#26
2,2-Dichloropropane
Concen: 5.015 ug/l
RT: 6.643 min Scan# 876
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 77 Resp: 22711
Ion Ratio Lower Upper
77 100
97 20.1 10.7 32.1



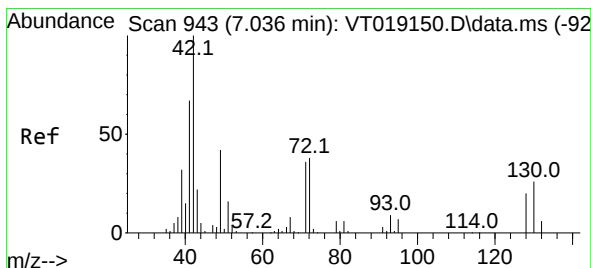
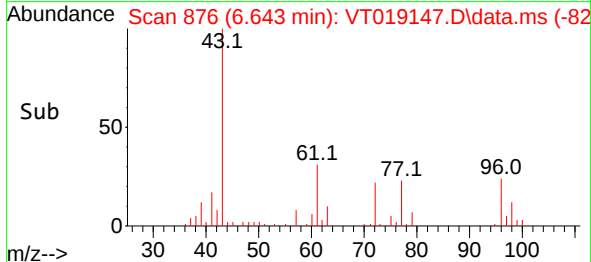
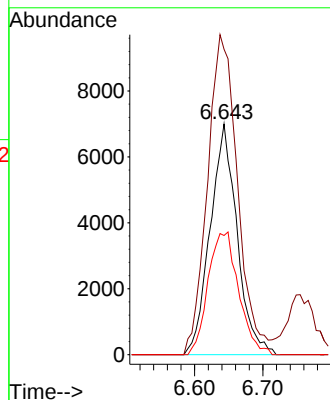
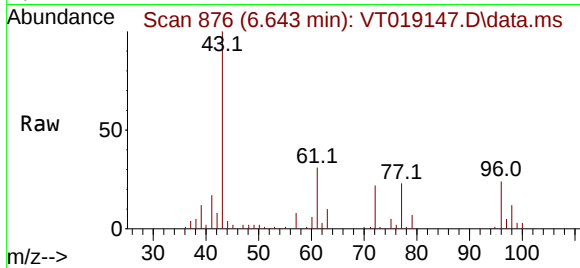


#27
 cis-1,2-Dichloroethene
 Concen: 5.282 ug/l
 RT: 6.643 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VT019147.D
 Acq: 3 Oct 2025 15:59

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 19226

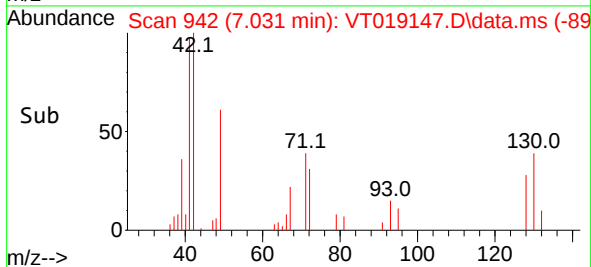
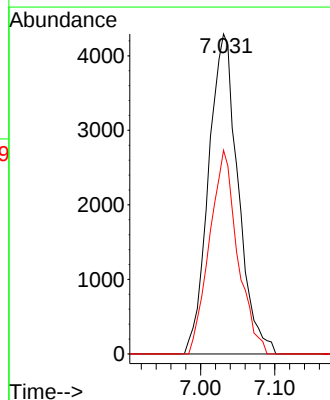
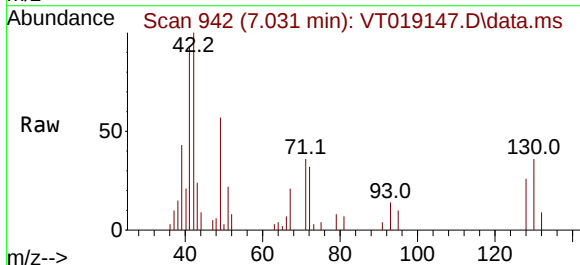
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	309.0
98	60.2	0.0	128.4

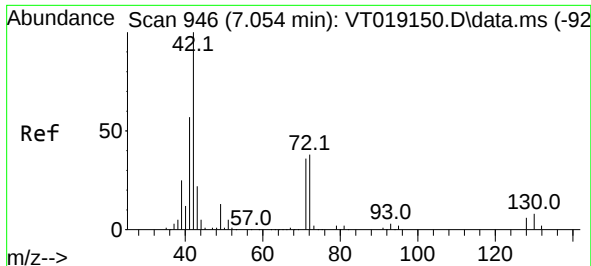


#28
 Bromochloromethane
 Concen: 3.916 ug/l
 RT: 7.031 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VT019147.D
 Acq: 3 Oct 2025 15:59

Tgt Ion: 49 Resp: 11881

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	60.5	48.6	73.0





#29

Tetrahydrofuran

Concen: 26.308 ug/l

RT: 7.054 min Scan# 946

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

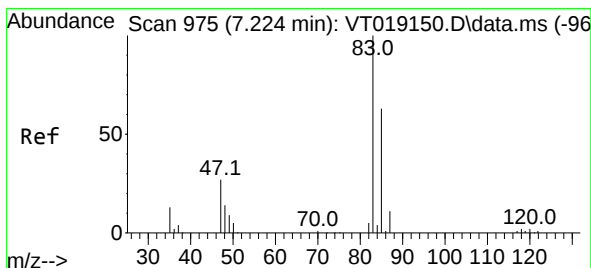
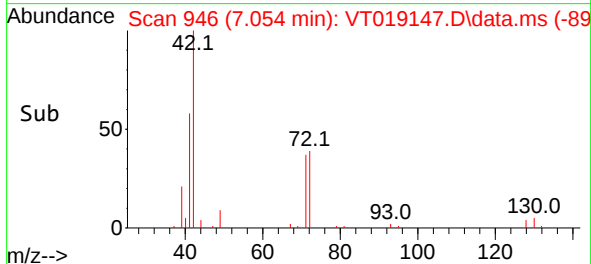
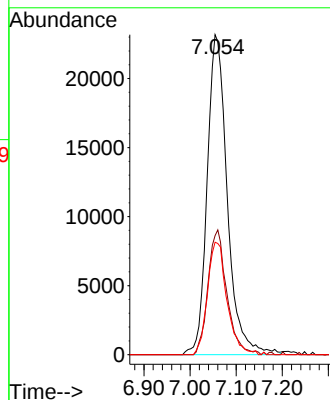
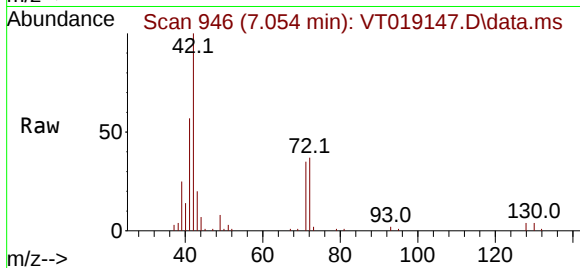
Tgt Ion: 42 Resp: 70451

Ion Ratio Lower Upper

42 100

72 36.4 30.1 45.1

71 34.0 28.4 42.6



#30

Chloroform

Concen: 5.191 ug/l

RT: 7.219 min Scan# 974

Delta R.T. -0.006 min

Lab File: VT019147.D

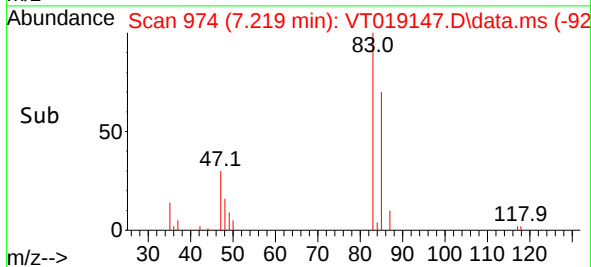
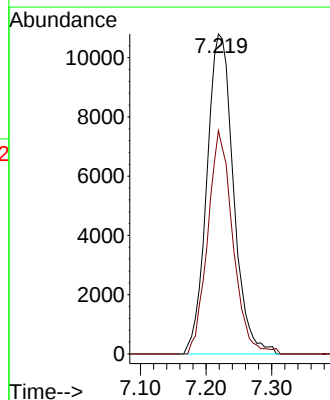
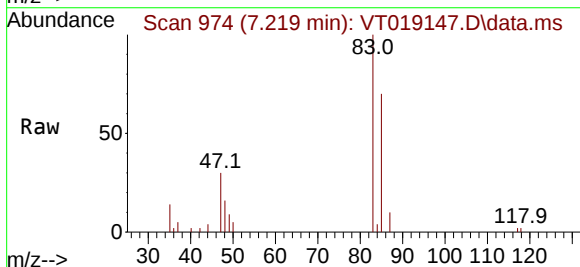
Acq: 3 Oct 2025 15:59

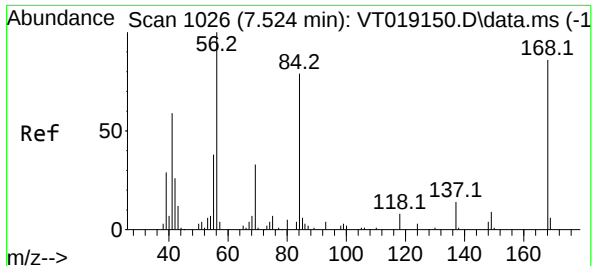
Tgt Ion: 83 Resp: 30446

Ion Ratio Lower Upper

83 100

85 69.8 50.6 76.0

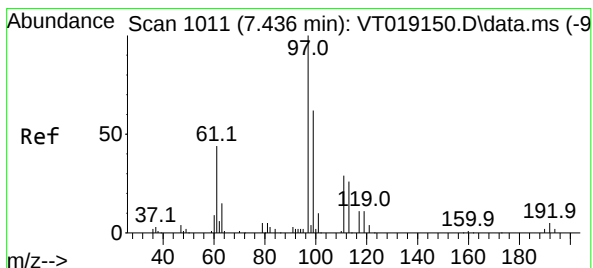
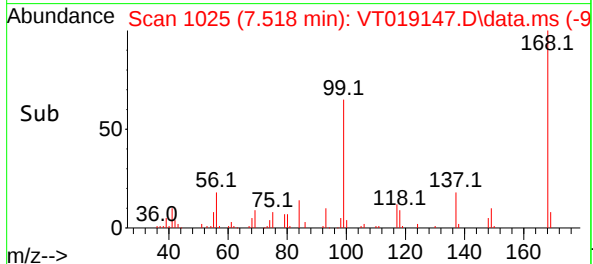
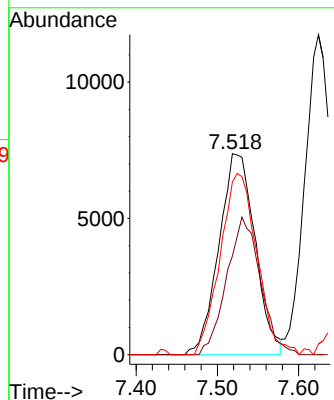
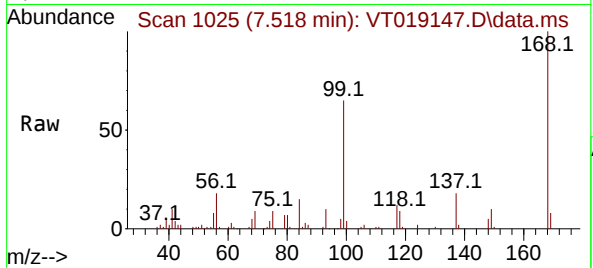




#31
Cyclohexane
Concen: 5.878 ug/l
RT: 7.518 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

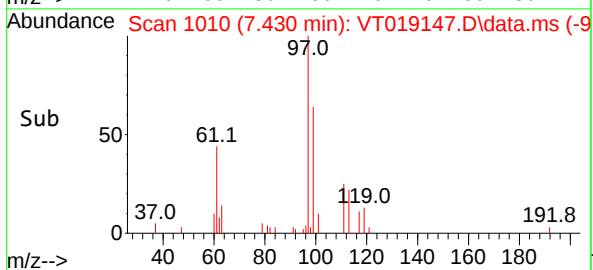
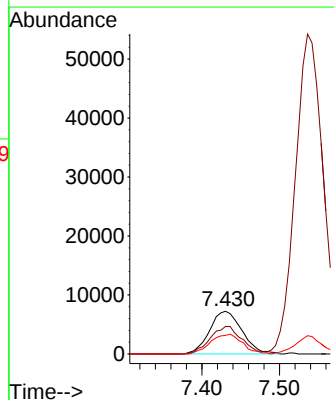
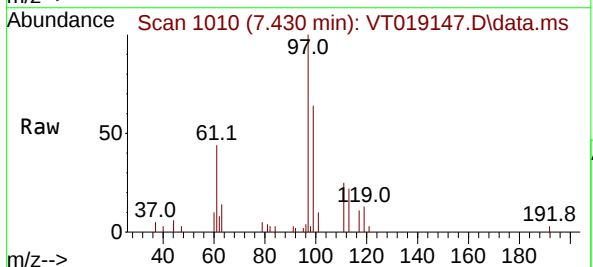
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

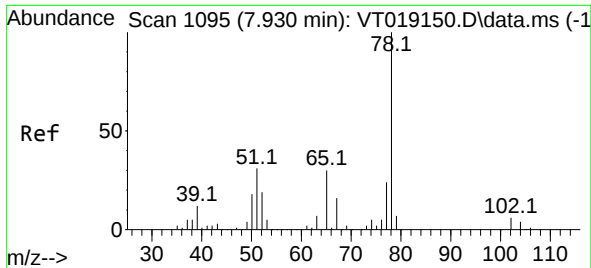
Tgt Ion: 56 Resp: 22798
Ion Ratio Lower Upper
56 100
69 49.1 26.1 39.1#
84 85.8 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 5.052 ug/l
RT: 7.430 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 97 Resp: 20976
Ion Ratio Lower Upper
97 100
99 63.0 50.5 75.7
61 45.4 37.1 55.7

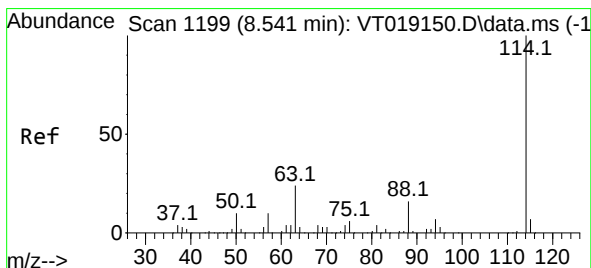
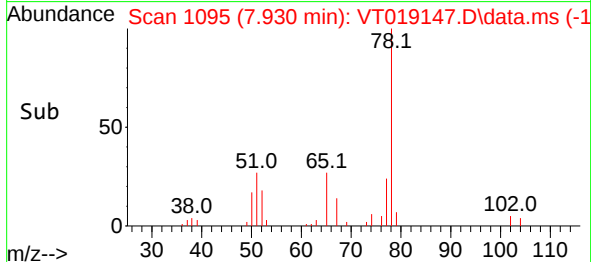
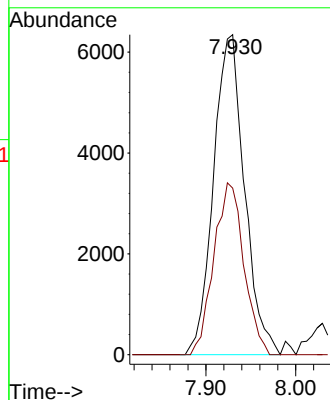
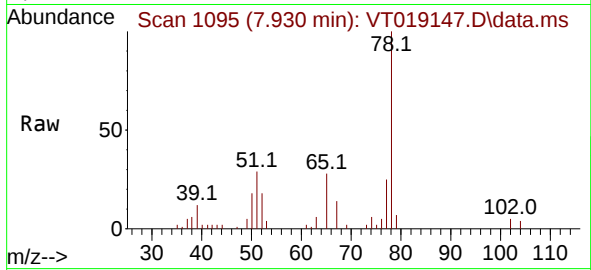




#33
 1,2-Dichloroethane-d4
 Concen: 5.032 ug/l
 RT: 7.930 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: VT019147.D
 Acq: 3 Oct 2025 15:59

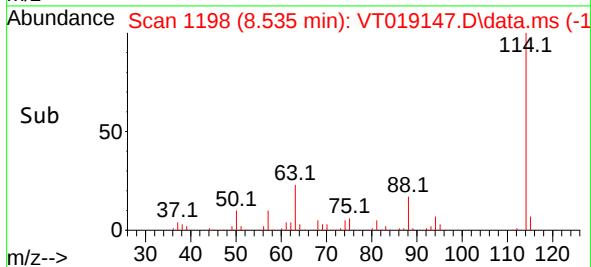
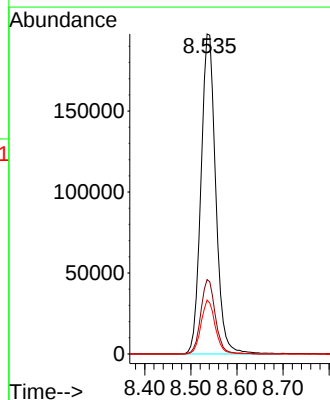
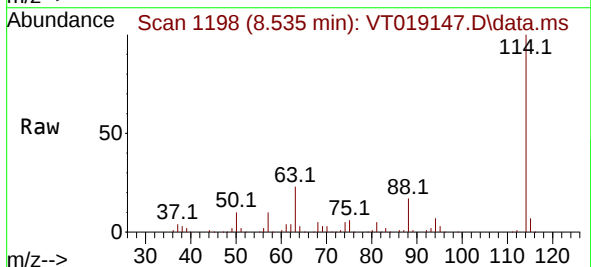
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

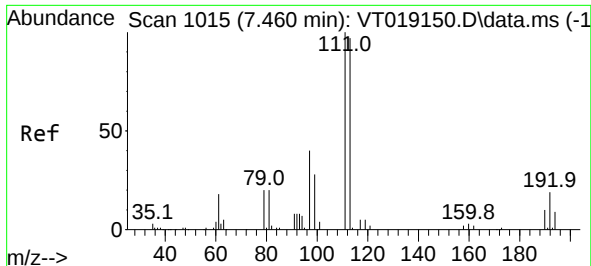
Tgt Ion: 65 Resp: 15187
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.535 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: VT019147.D
 Acq: 3 Oct 2025 15:59

Tgt Ion: 114 Resp: 440410
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.8 0.0 32.6

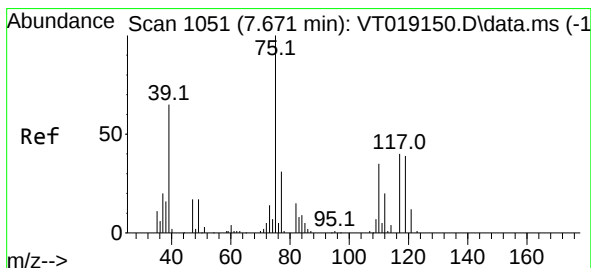
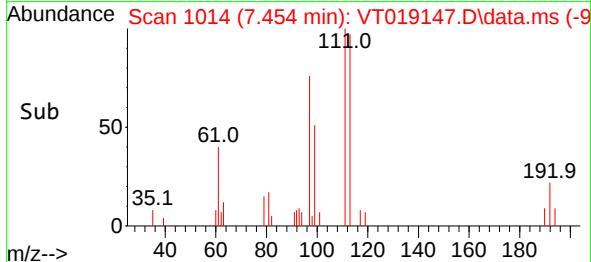
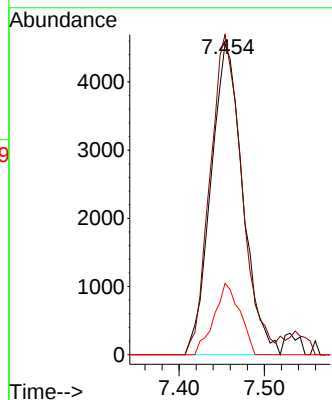
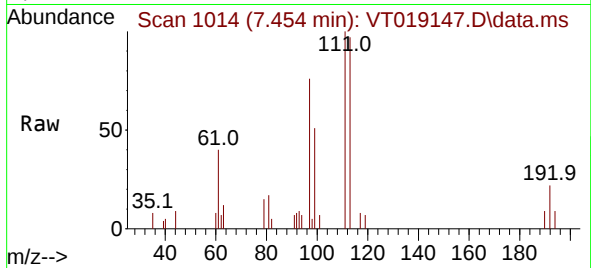




#35
Dibromofluoromethane
Concen: 5.045 ug/l
RT: 7.454 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

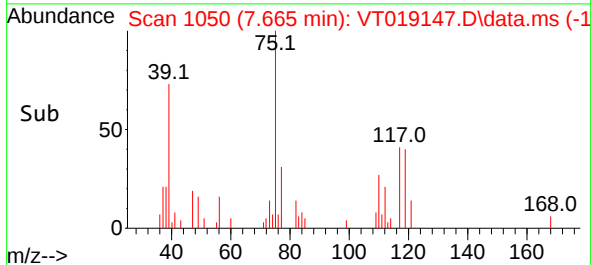
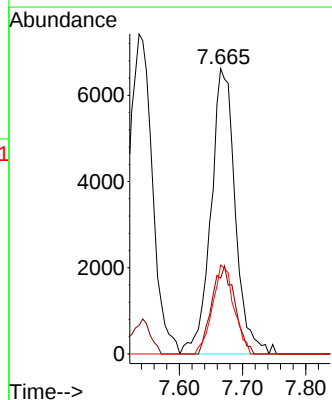
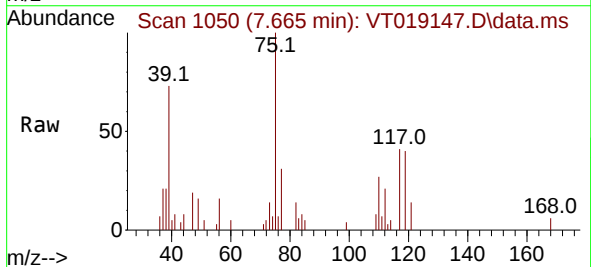
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

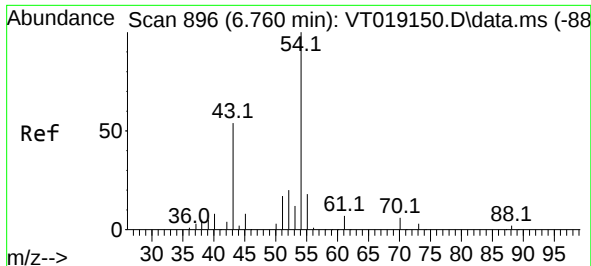
Tgt Ion:113 Resp: 11822
Ion Ratio Lower Upper
113 100
111 102.9 81.6 122.4
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 7.665 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 75 Resp: 17708
Ion Ratio Lower Upper
75 100
110 29.0 16.1 48.2
77 27.6 25.1 37.7





#37

Ethyl Acetate

Concen: 5.004 ug/l

RT: 6.755 min Scan# 896

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

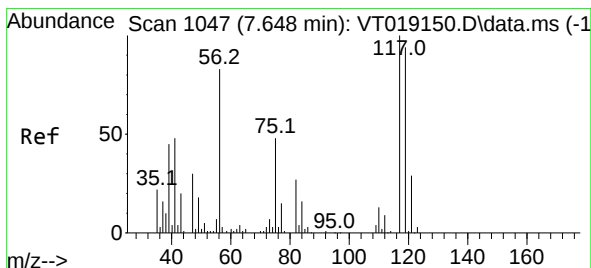
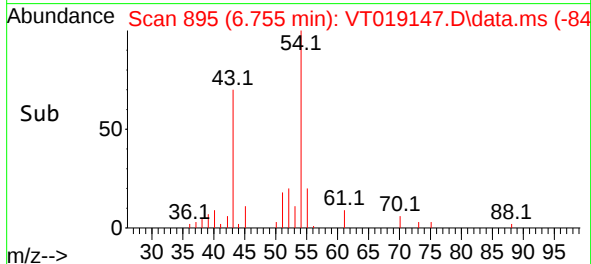
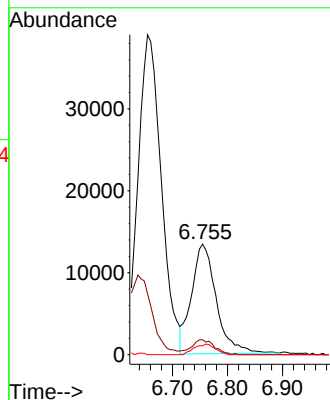
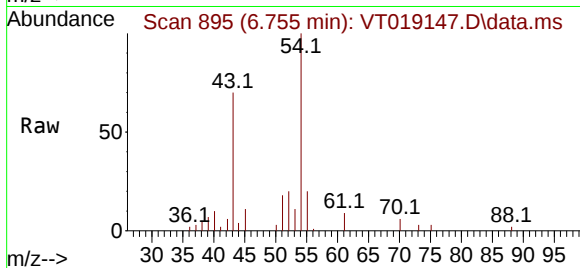
Tgt Ion: 43 Resp: 41888

Ion Ratio Lower Upper

43 100

61 12.7 10.0 15.0

70 8.2 7.3 10.9



#38

Carbon Tetrachloride

Concen: 4.427 ug/l

RT: 7.648 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

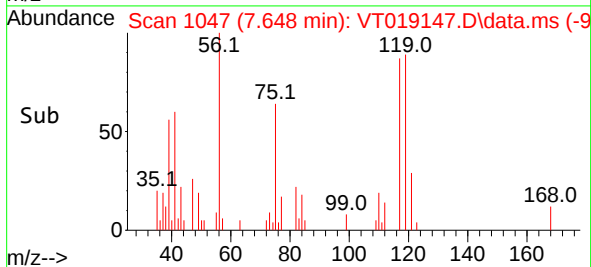
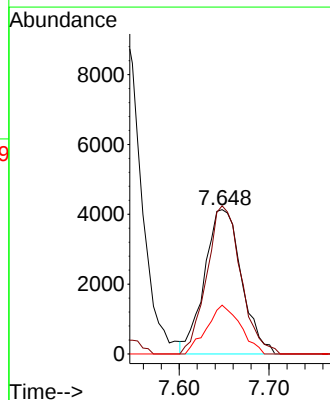
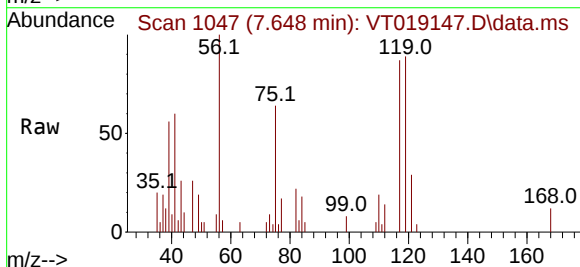
Tgt Ion: 117 Resp: 11785

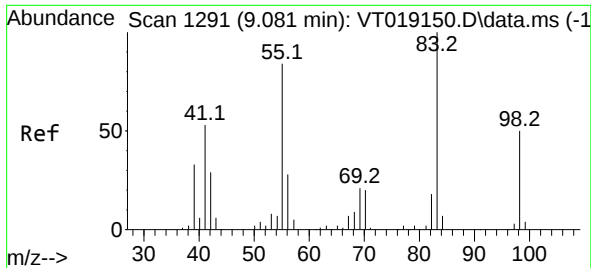
Ion Ratio Lower Upper

117 100

119 102.8 75.0 112.6

121 33.8 23.3 34.9

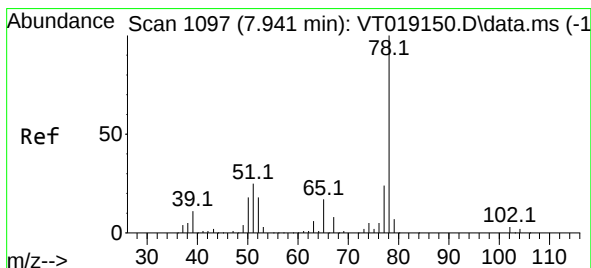
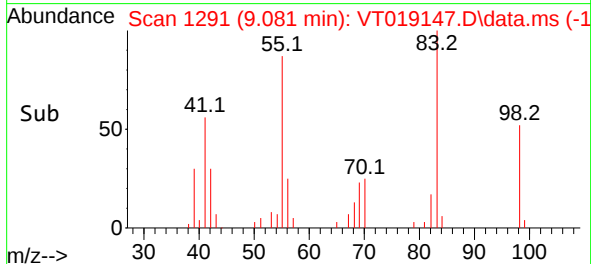
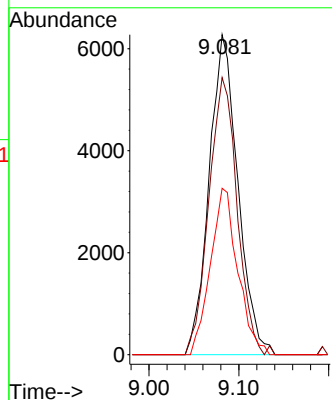
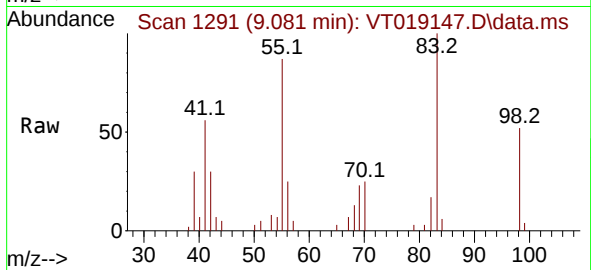




#39
Methylcyclohexane
Concen: 4.435 ug/l
RT: 9.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

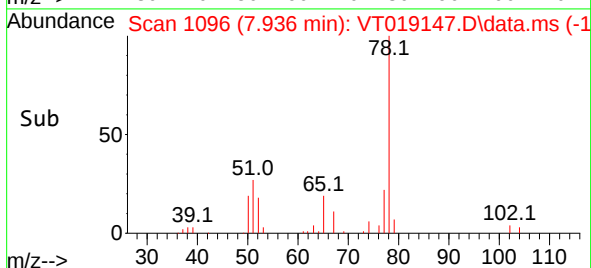
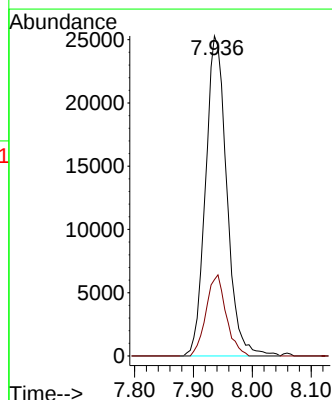
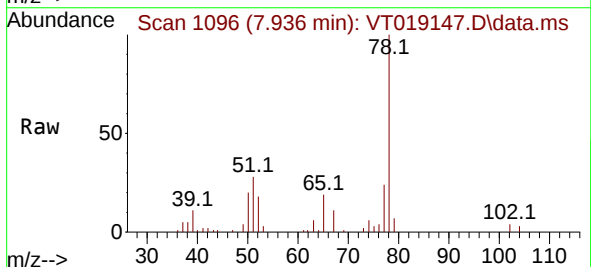
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC005

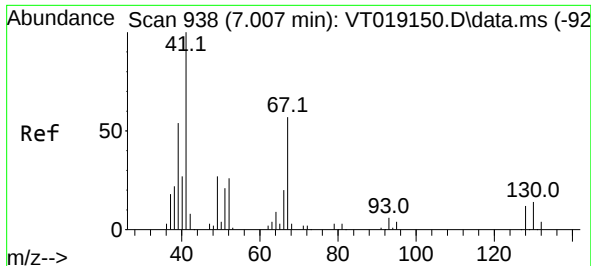
Tgt Ion: 83 Resp: 13957
Ion Ratio Lower Upper
83 100
55 86.6 67.5 101.3
98 52.0 39.9 59.9



#40
Benzene
Concen: 4.886 ug/l
RT: 7.936 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 78 Resp: 63297
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

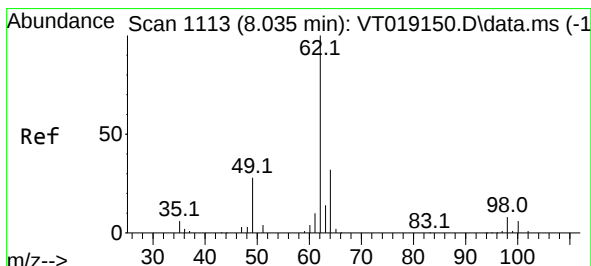
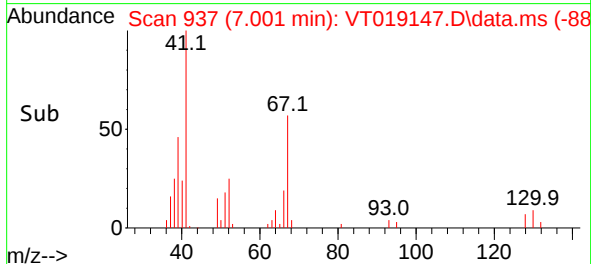
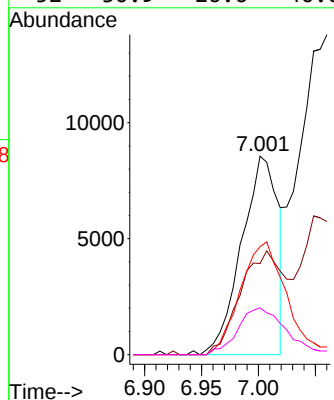
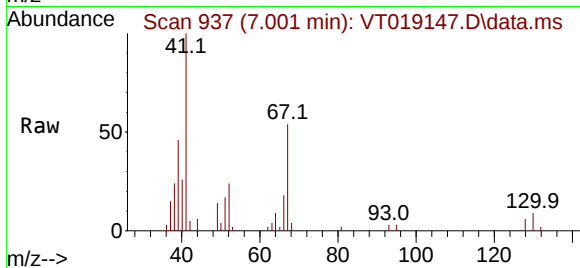




#41
Methacrylonitrile
Concen: 4.915 ug/l
RT: 7.001 min Scan# 91
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

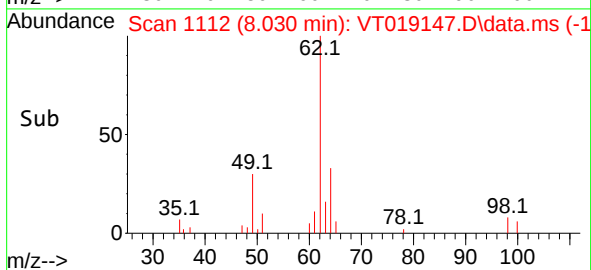
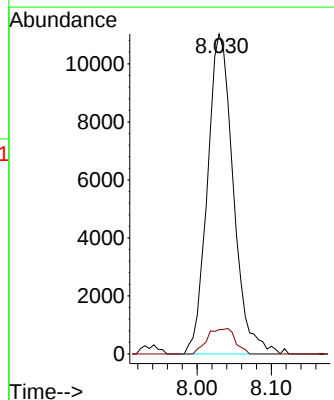
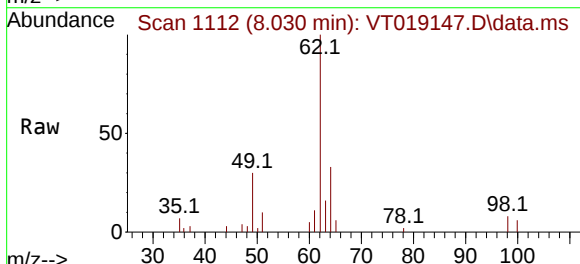
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

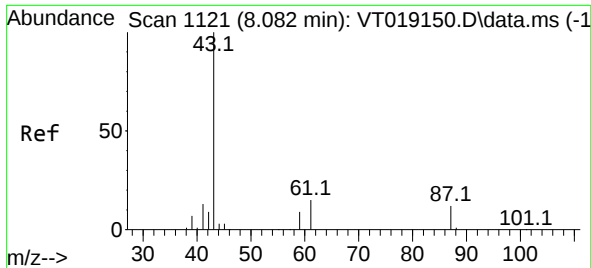
Tgt Ion:	41	Resp:	19097
Ion	Ratio	Lower	Upper
41	100		
39	67.4	49.8	74.6
67	71.5	60.0	90.0
52	30.9	26.6	40.0



#42
1,2-Dichloroethane
Concen: 5.005 ug/l
RT: 8.030 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:	62	Resp:	26725
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

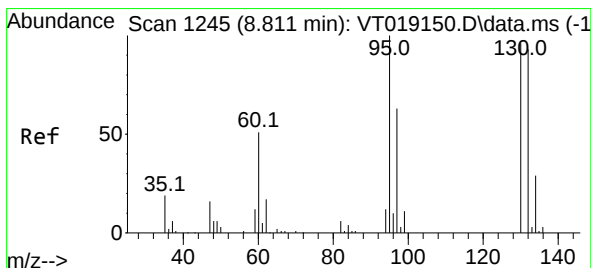
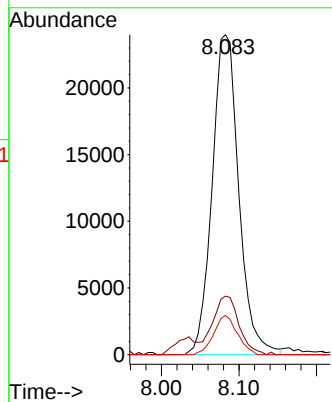
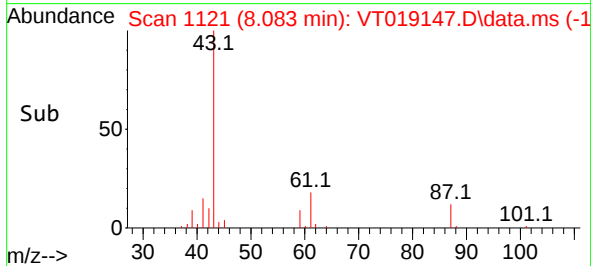
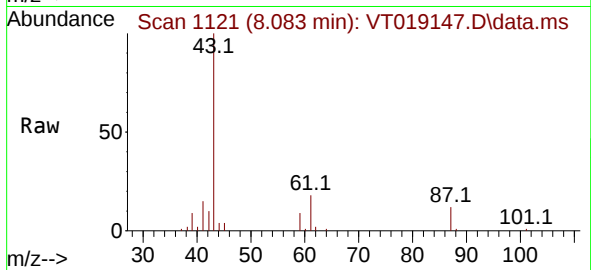




#43
Isopropyl Acetate
Concen: 4.919 ug/l
RT: 8.083 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

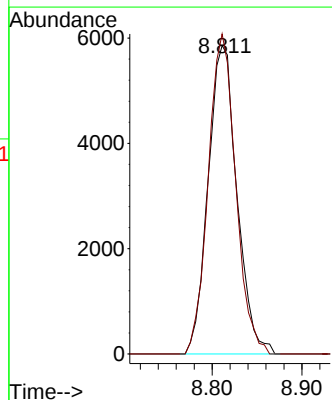
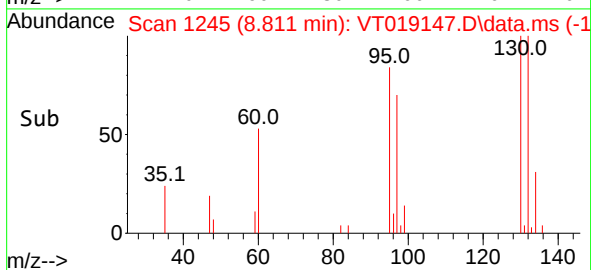
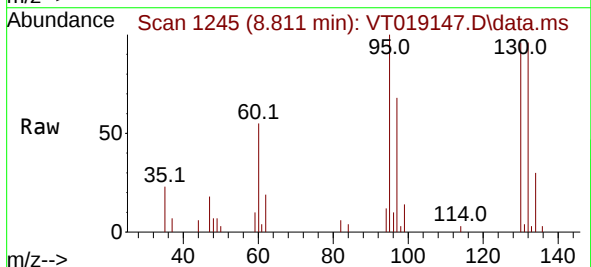
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

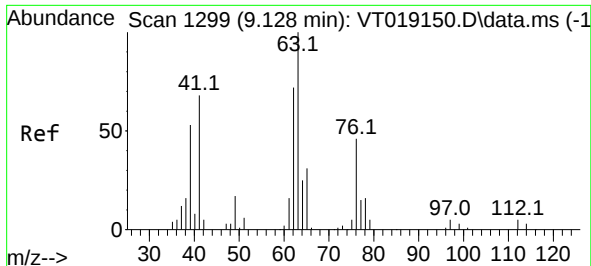
Tgt Ion: 43 Resp: 57385
Ion Ratio Lower Upper
43 100
61 18.2 14.8 22.2
87 10.9 9.1 13.7



#44
Trichloroethene
Concen: 4.960 ug/l
RT: 8.811 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:130 Resp: 13044
Ion Ratio Lower Upper
130 100
95 103.8 0.0 207.8





#45

1,2-Dichloropropane

Concen: 4.900 ug/l

RT: 9.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

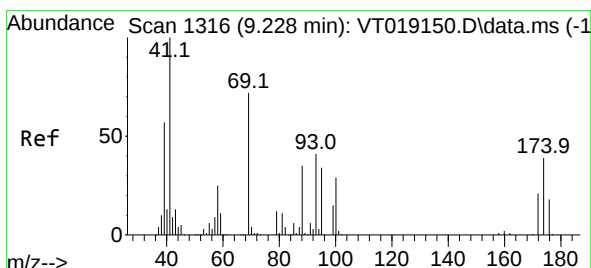
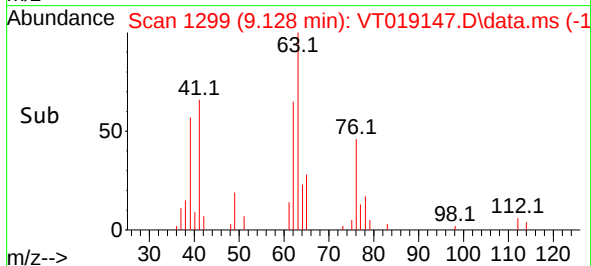
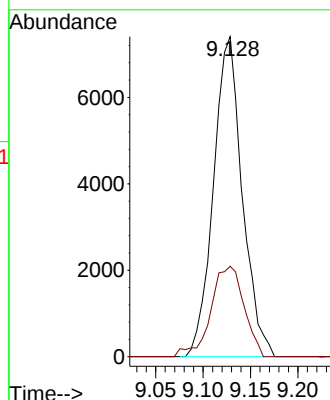
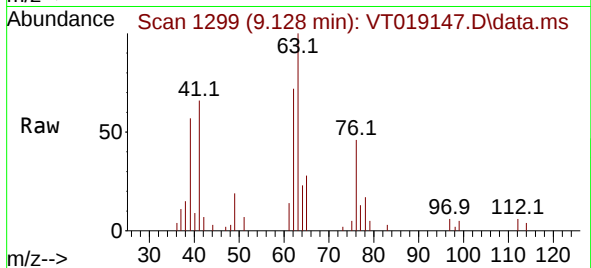
VSTDIC005

Tgt Ion: 63 Resp: 15648

Ion Ratio Lower Upper

63 100

65 28.3 24.6 36.8



#46

Dibromomethane

Concen: 4.854 ug/l

RT: 9.222 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

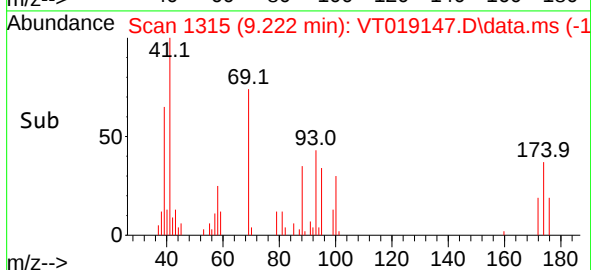
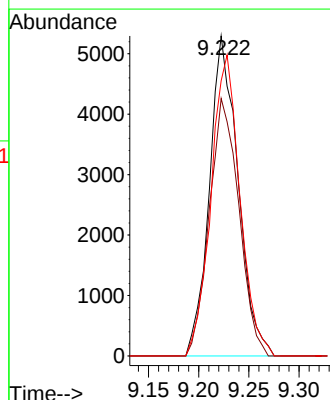
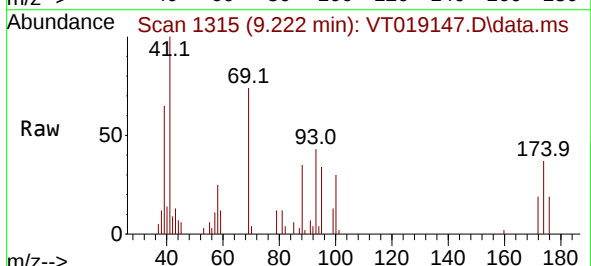
Tgt Ion: 93 Resp: 10481

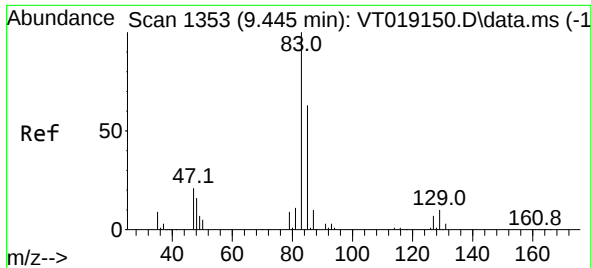
Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 95.4 77.3 115.9

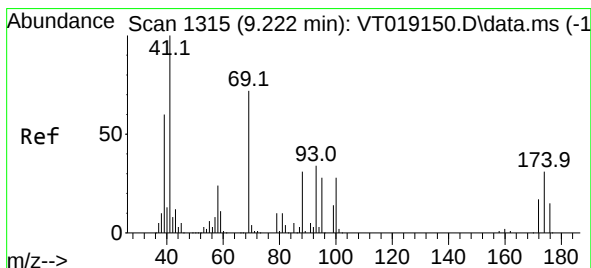
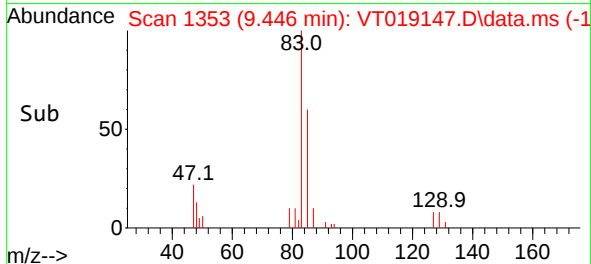
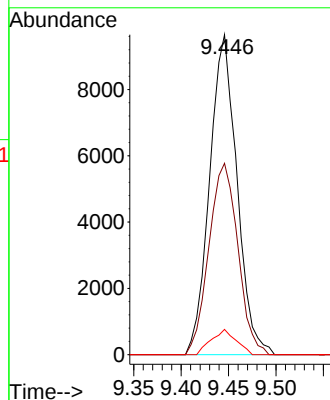
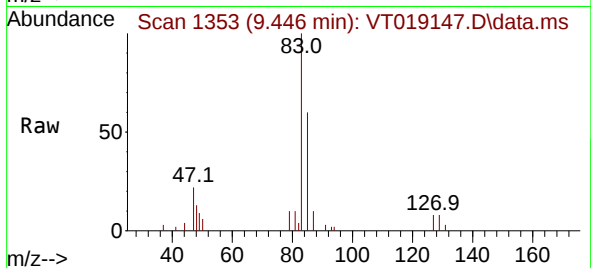




#47
Bromodichloromethane
Concen: 4.703 ug/l
RT: 9.446 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

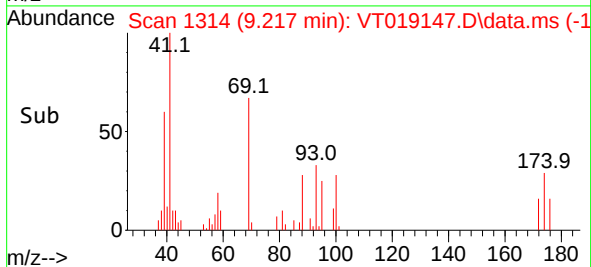
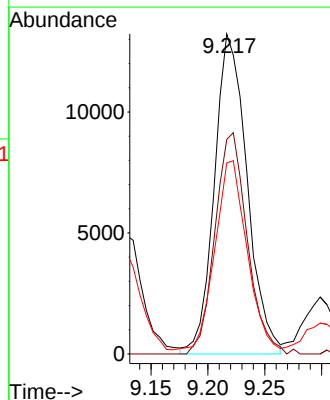
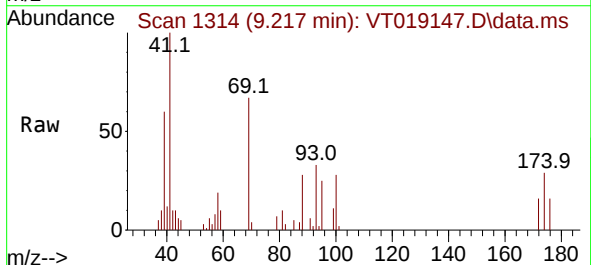
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

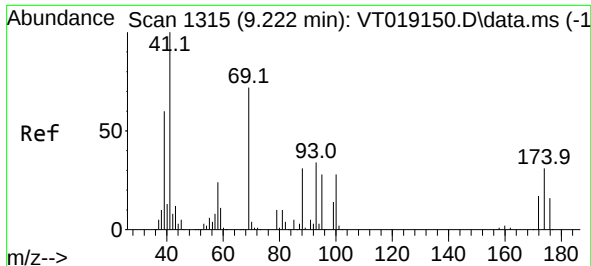
Tgt Ion: 83 Resp: 19334
Ion Ratio Lower Upper
83 100
85 59.8 50.4 75.6
127 7.9 6.0 9.0



#48
Methyl methacrylate
Concen: 4.888 ug/l
RT: 9.217 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 41 Resp: 26451
Ion Ratio Lower Upper
41 100
69 68.3 56.9 85.3
39 60.8 48.0 72.0





#49

1,4-Dioxane

Concen: 99.452 ug/l

RT: 9.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

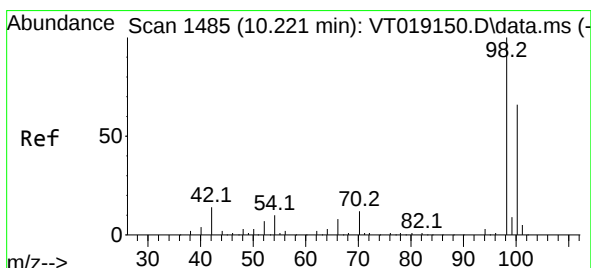
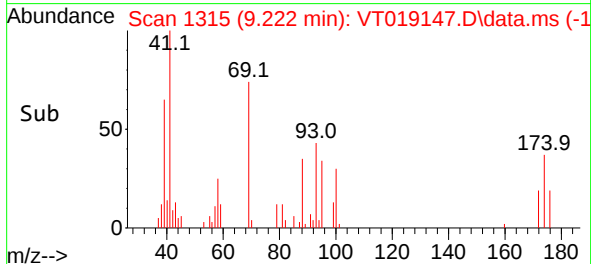
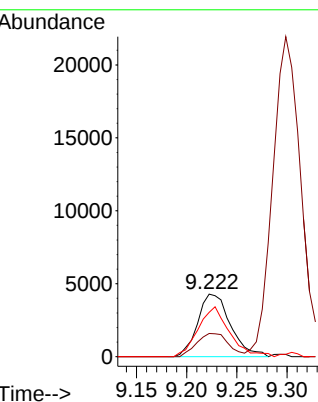
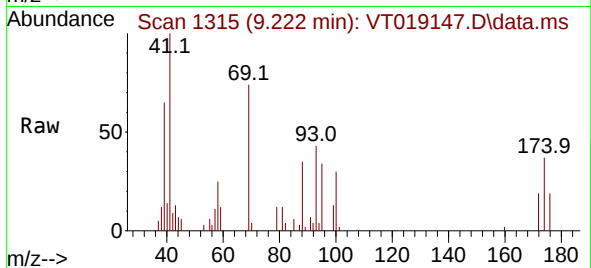
Tgt Ion: 88 Resp: 9722

Ion Ratio Lower Upper

88 100

43 36.3 30.0 45.0

58 76.1 57.2 85.8



#50

Toluene-d8

Concen: 5.035 ug/l

RT: 10.221 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VT019147.D

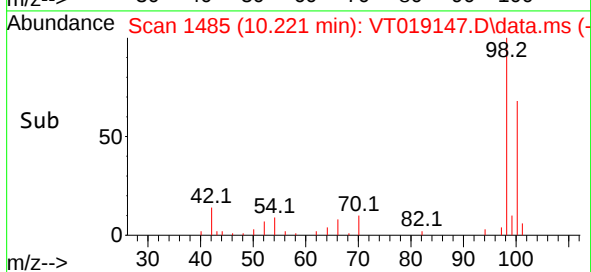
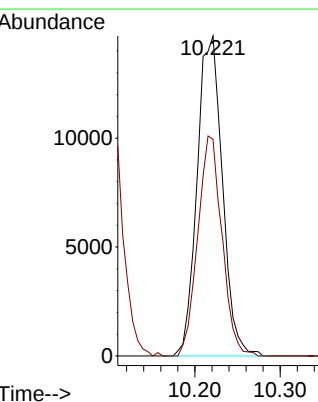
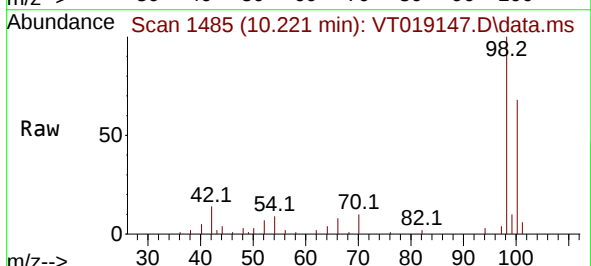
Acq: 3 Oct 2025 15:59

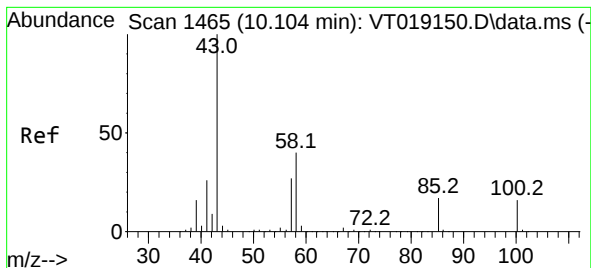
Tgt Ion: 98 Resp: 30240

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3

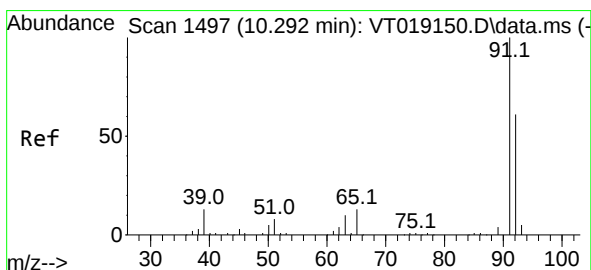
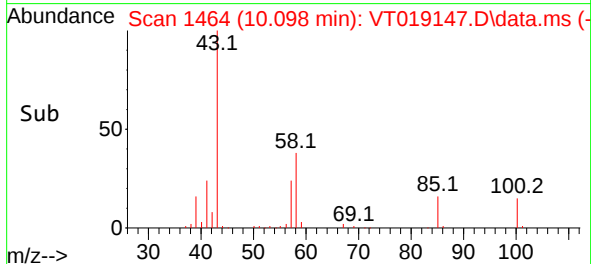
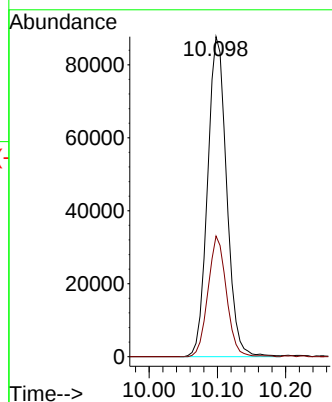
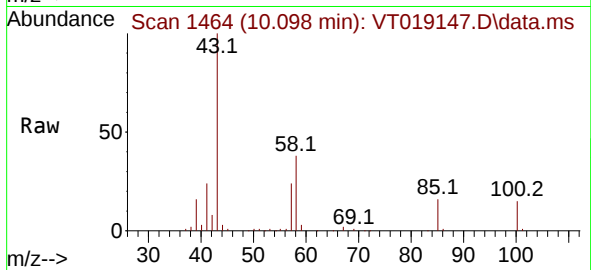




#51
4-Methyl-2-Pentanone
Concen: 24.992 ug/l
RT: 10.098 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

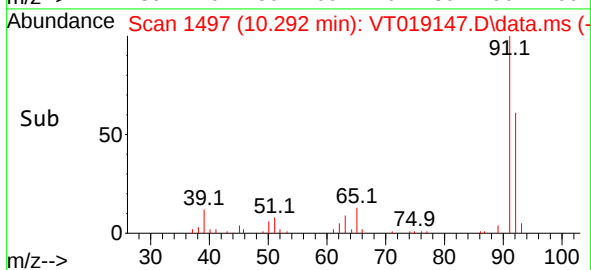
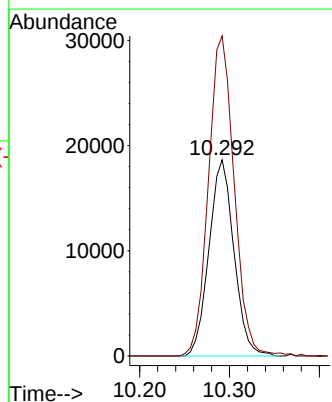
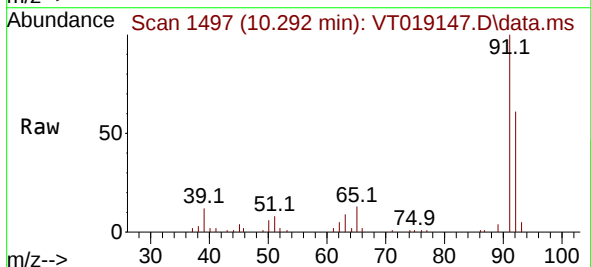
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

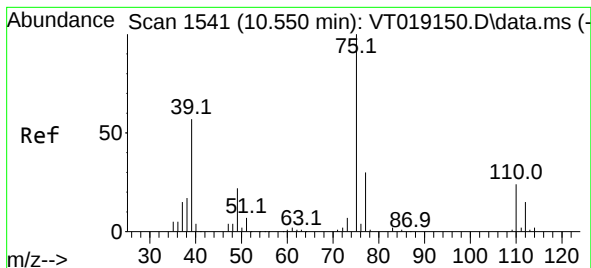
Tgt Ion: 43 Resp: 170634
Ion Ratio Lower Upper
43 100
58 36.2 30.5 45.7



#52
Toluene
Concen: 4.920 ug/l
RT: 10.292 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 92 Resp: 35944
Ion Ratio Lower Upper
92 100
91 168.6 134.8 202.2

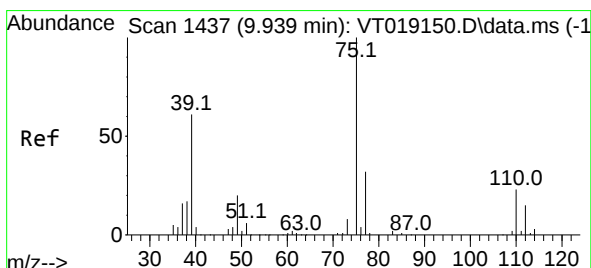
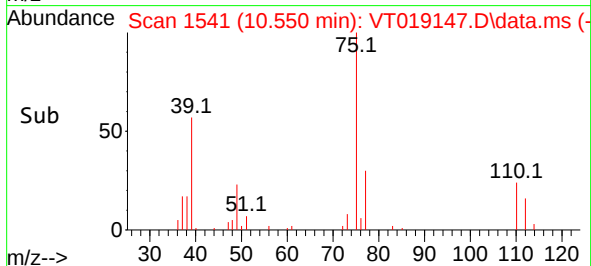
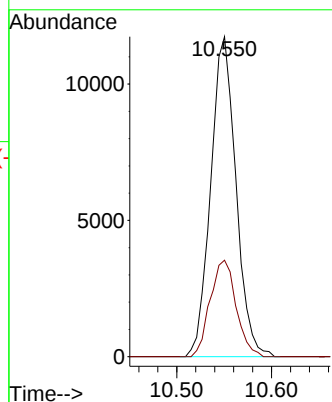
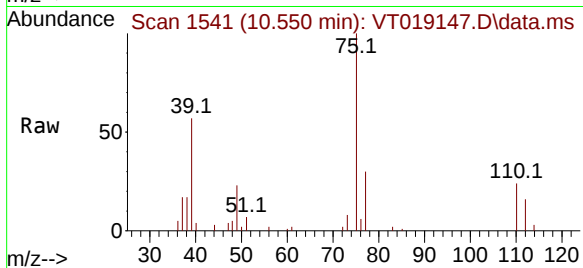




#53
t-1,3-Dichloropropene
Concen: 4.693 ug/l
RT: 10.550 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

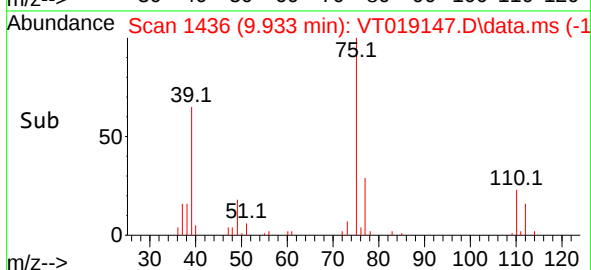
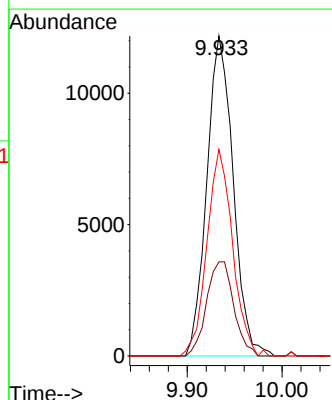
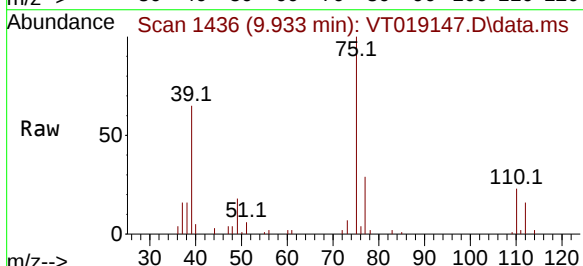
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

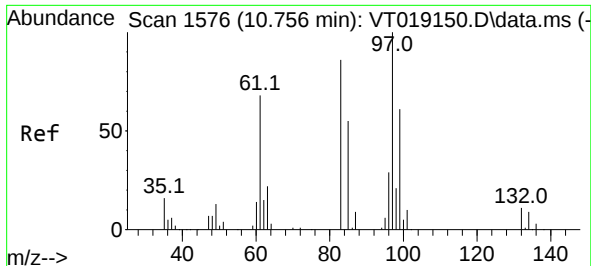
Tgt Ion: 75 Resp: 21684
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 4.758 ug/l
RT: 9.933 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 75 Resp: 23497
Ion Ratio Lower Upper
75 100
77 29.4 25.5 38.3
39 64.6 48.8 73.2

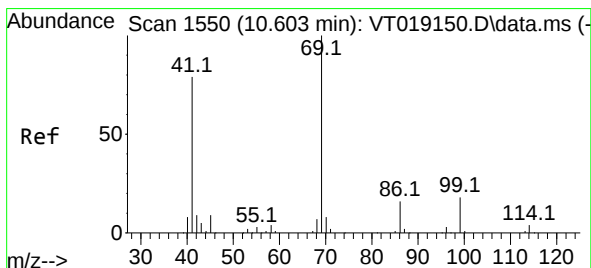
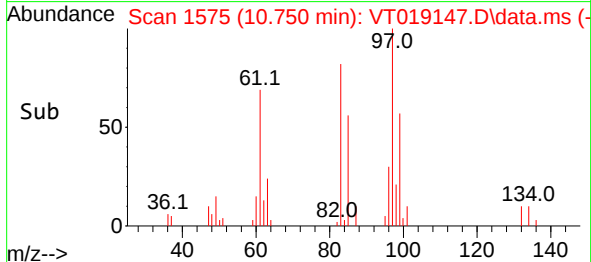
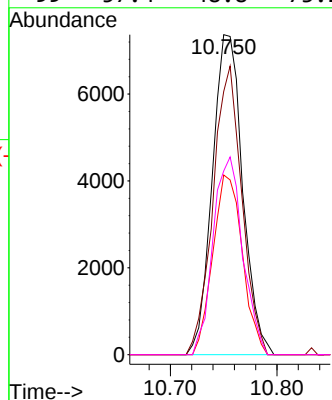
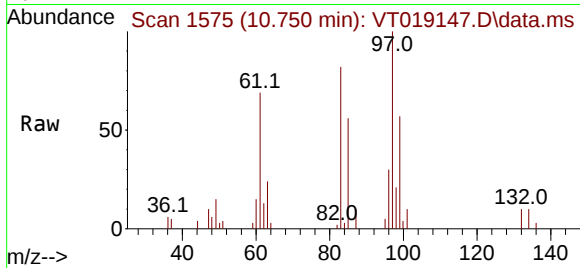




#55
1,1,2-Trichloroethane
Concen: 4.932 ug/l
RT: 10.750 min Scan# 1576
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

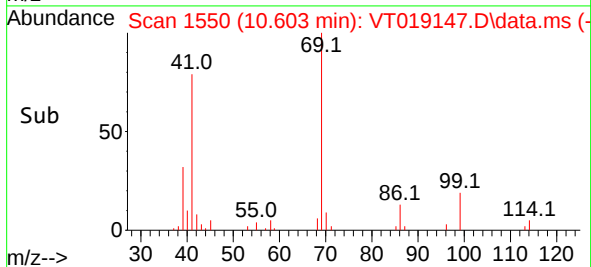
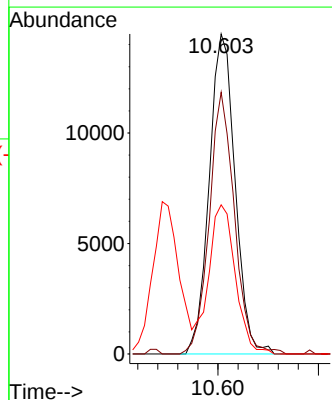
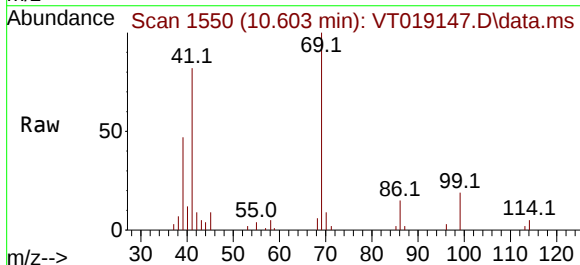
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

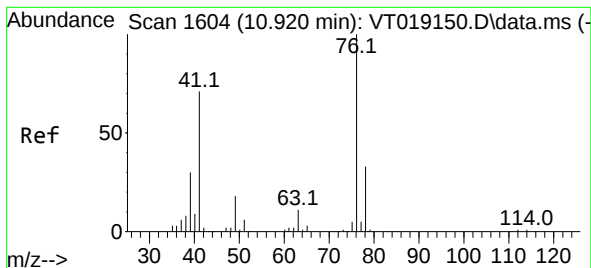
Tgt Ion: 97	Resp: 14543
Ion Ratio	Lower Upper
97 100	
83 82.3	69.2 103.8
85 56.1	43.8 65.6
99 57.4	48.8 73.2



#56
Ethyl methacrylate
Concen: 4.703 ug/l
RT: 10.603 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 69	Resp: 25881
Ion Ratio	Lower Upper
69 100	
41 79.8	62.6 93.8
39 48.5	37.2 55.8

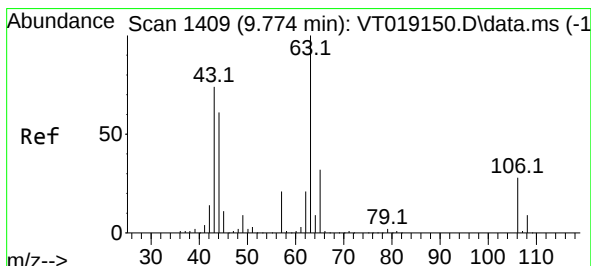
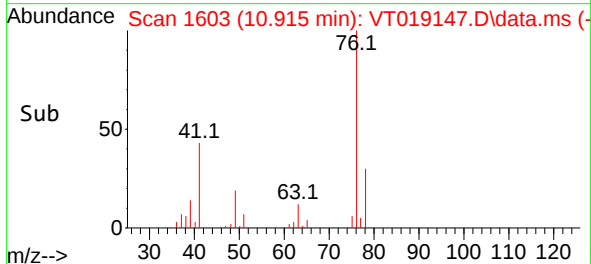
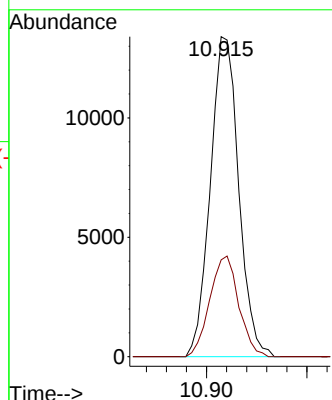
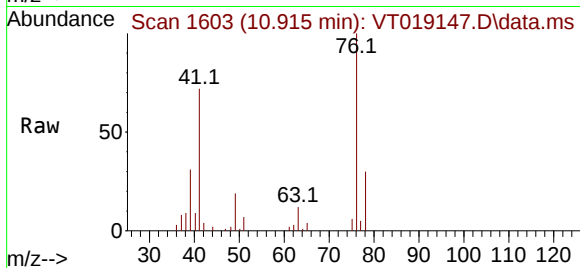




#57
1,3-Dichloropropane
Concen: 4.940 ug/l
RT: 10.915 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

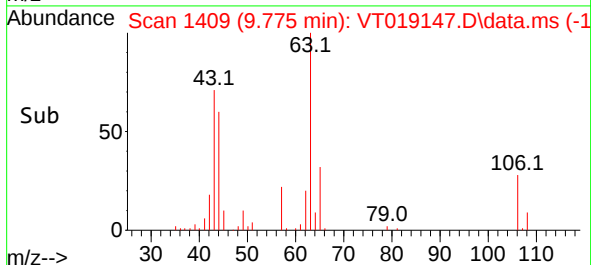
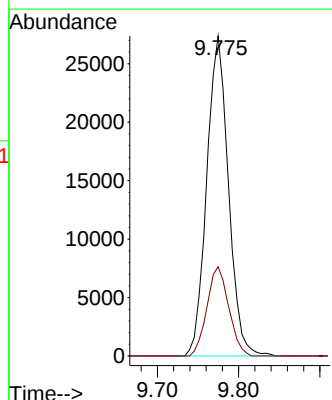
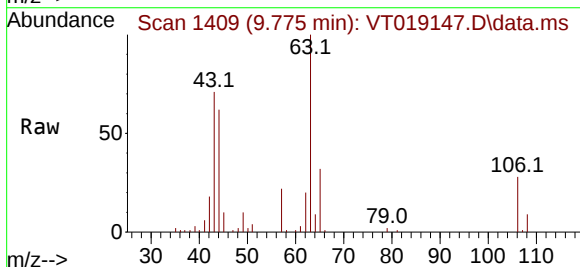
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

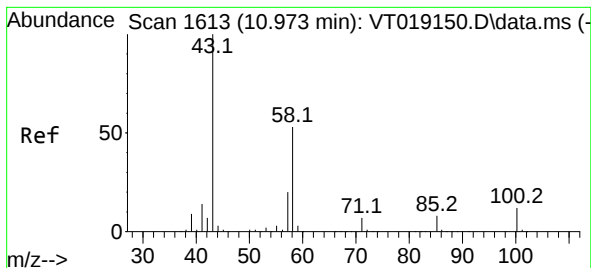
Tgt Ion: 76 Resp: 26266
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 23.726 ug/l
RT: 9.775 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 63 Resp: 50743
Ion Ratio Lower Upper
63 100
106 27.9 22.4 33.6





#59

2-Hexanone

Concen: 24.815 ug/l

RT: 10.967 min Scan# 1

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

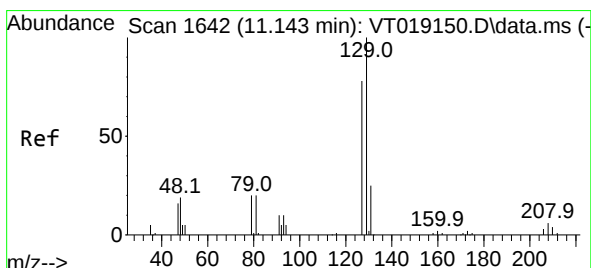
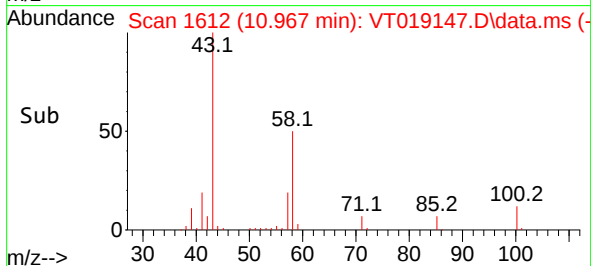
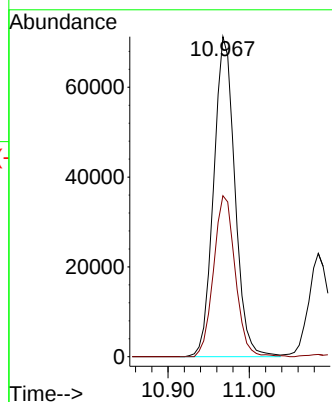
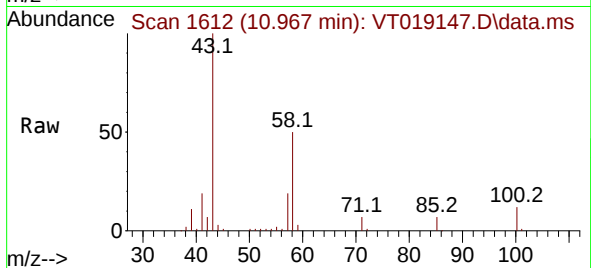
VSTDIC005

Tgt Ion: 43 Resp: 129470

Ion Ratio Lower Upper

43 100

58 51.3 26.1 78.3



#60

Dibromochloromethane

Concen: 4.553 ug/l

RT: 11.138 min Scan# 1641

Delta R.T. -0.006 min

Lab File: VT019147.D

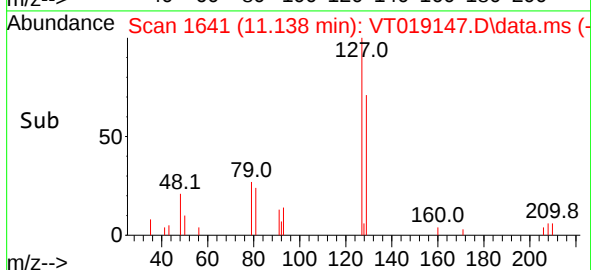
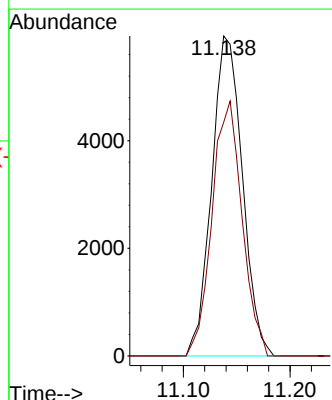
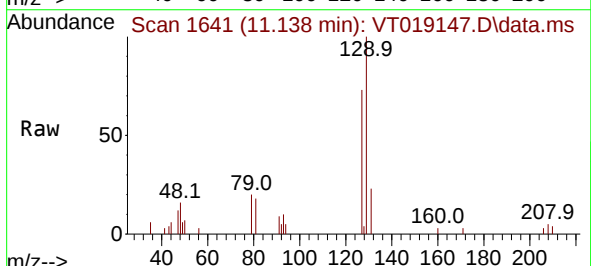
Acq: 3 Oct 2025 15:59

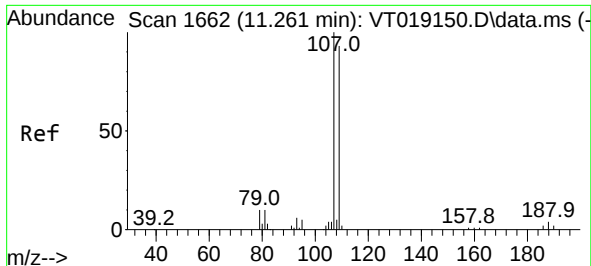
Tgt Ion:129 Resp: 11894

Ion Ratio Lower Upper

129 100

127 77.9 38.9 116.7

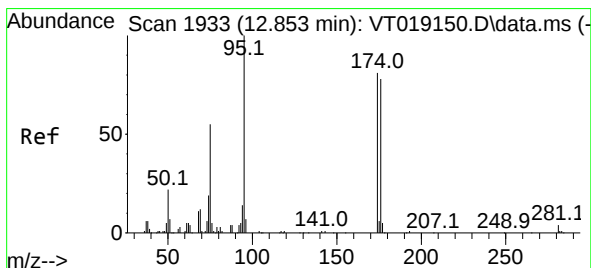
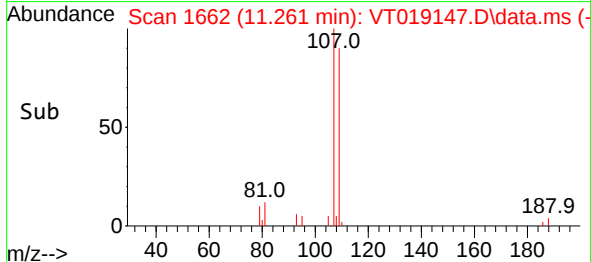
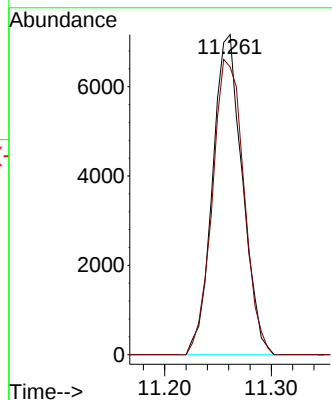
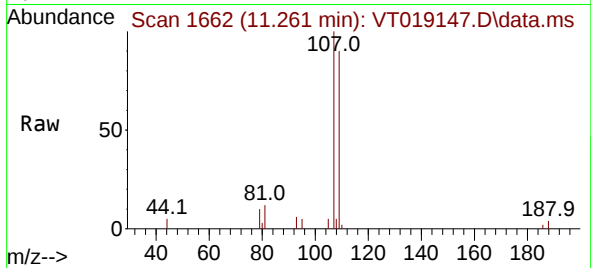




#61
1,2-Dibromoethane
Concen: 4.768 ug/l
RT: 11.261 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

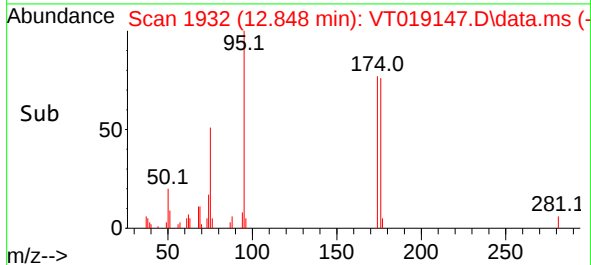
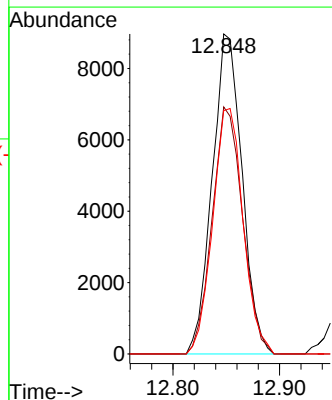
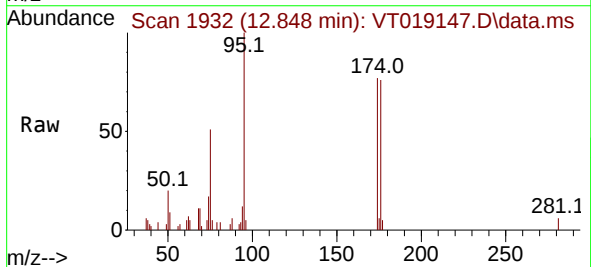
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

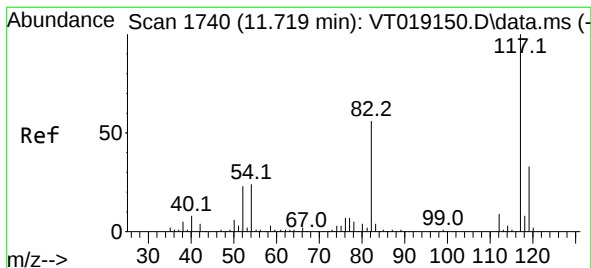
Tgt Ion:107 Resp: 13876
Ion Ratio Lower Upper
107 100
109 97.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 5.541 ug/l
RT: 12.848 min Scan# 1932
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 95 Resp: 17421
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.6
176 78.1 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.720 min Scan# 117

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

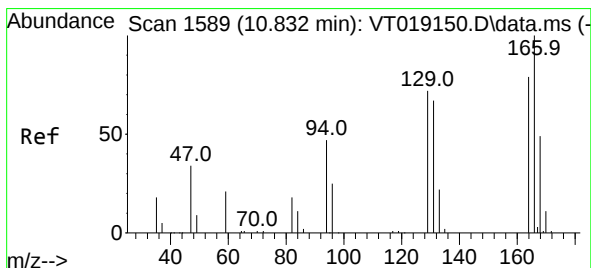
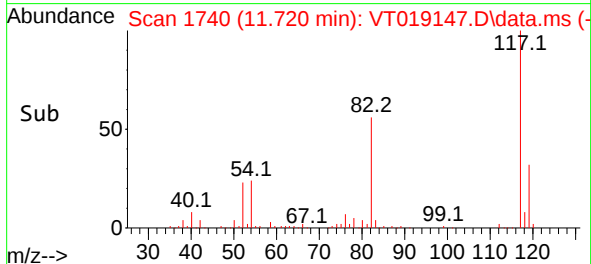
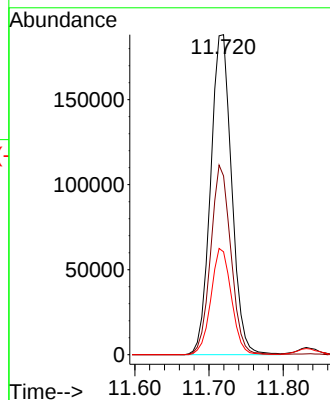
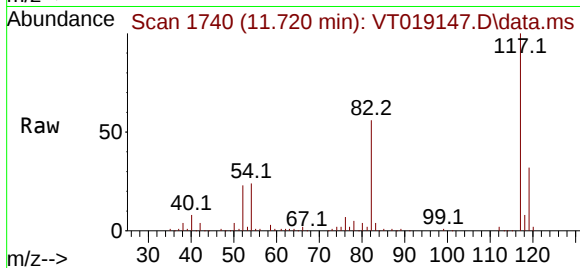
Tgt Ion:117 Resp: 371878

Ion Ratio Lower Upper

117 100

82 55.9 45.1 67.7

119 32.1 26.6 40.0



#64

Tetrachloroethene

Concen: 4.915 ug/l

RT: 10.826 min Scan# 1588

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Tgt Ion:164 Resp: 10165

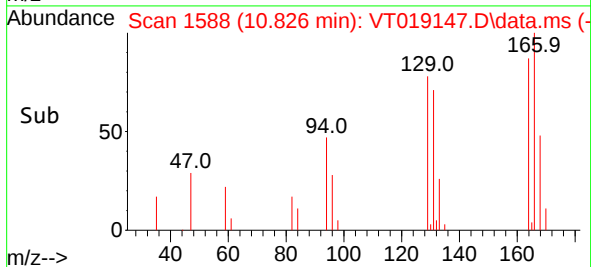
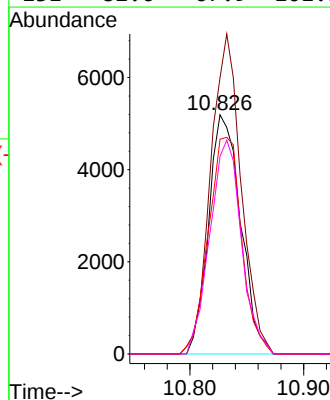
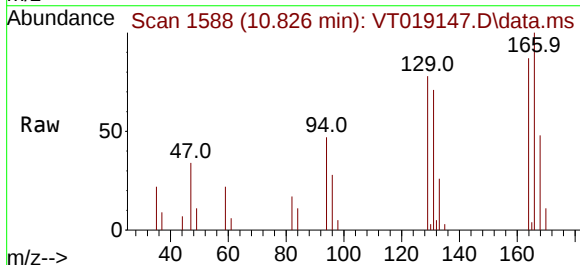
Ion Ratio Lower Upper

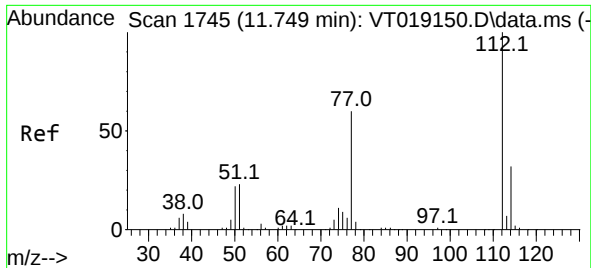
164 100

166 115.5 100.9 151.3

129 89.8 72.4 108.6

131 82.6 67.9 101.9

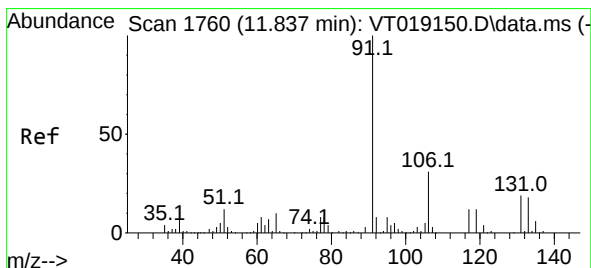
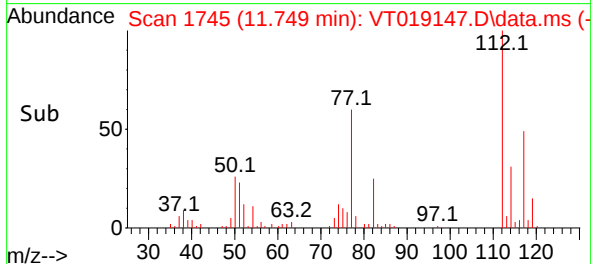
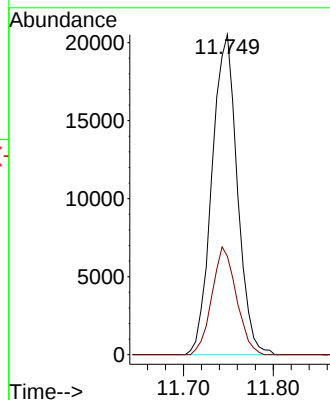
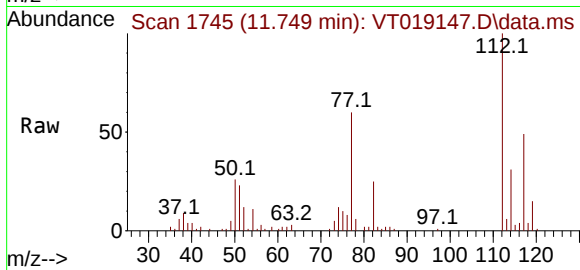




#65
Chlorobenzene
Concen: 4.943 ug/l
RT: 11.749 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

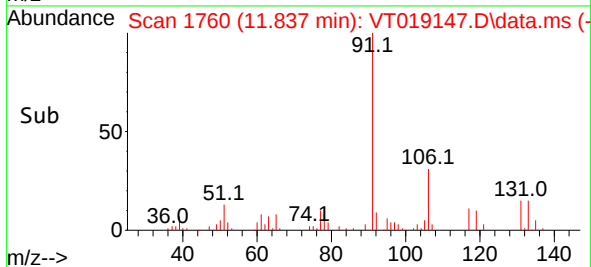
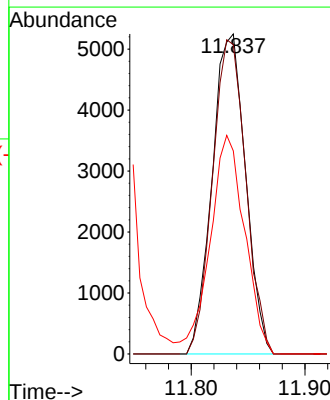
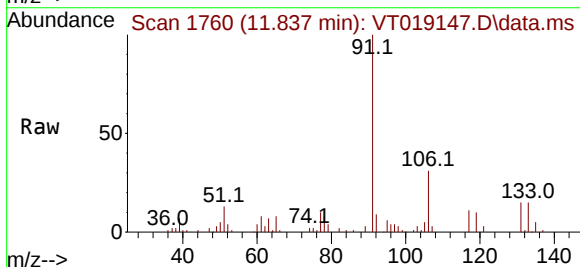
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

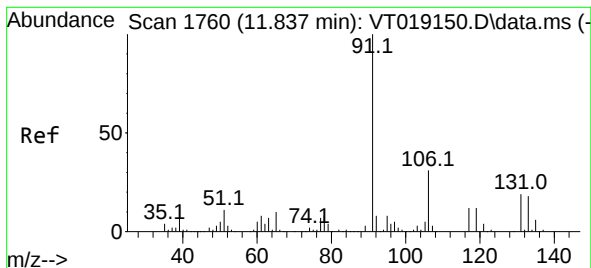
Tgt Ion:112 Resp: 40194
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.502 ug/l
RT: 11.837 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:131 Resp: 10716
Ion Ratio Lower Upper
131 100
133 97.8 47.4 142.3
119 71.0 31.7 95.1





#67

Ethyl Benzene

Concen: 4.943 ug/l

RT: 11.837 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

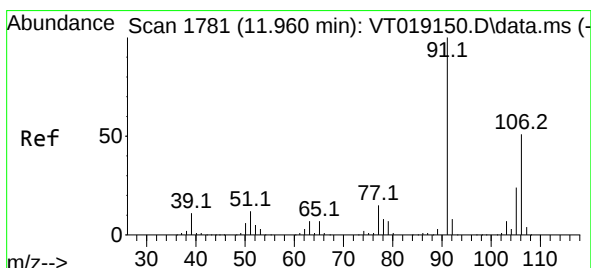
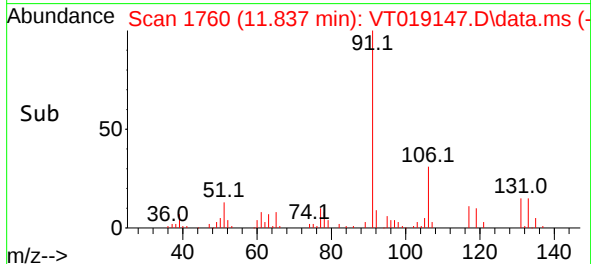
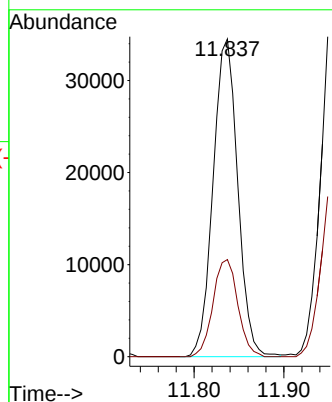
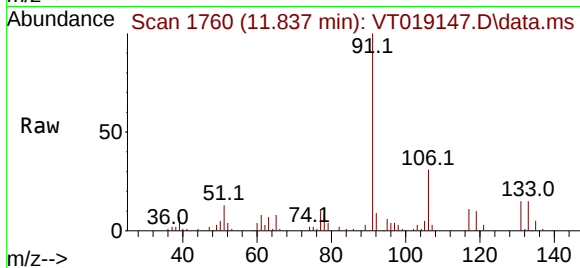
VSTDIC005

Tgt Ion: 91 Resp: 65691

Ion Ratio Lower Upper

91 100

106 30.6 24.8 37.2



#68

m/p-Xylenes

Concen: 9.644 ug/l

RT: 11.960 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VT019147.D

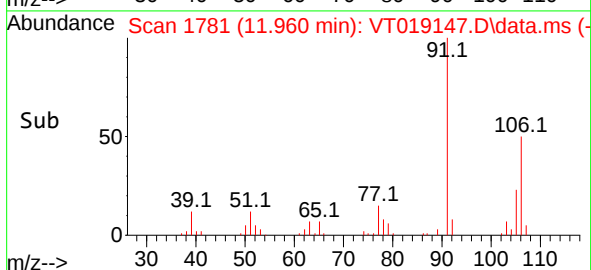
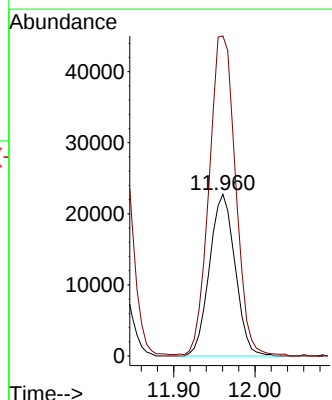
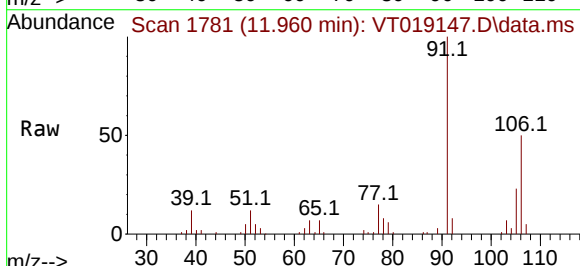
Acq: 3 Oct 2025 15:59

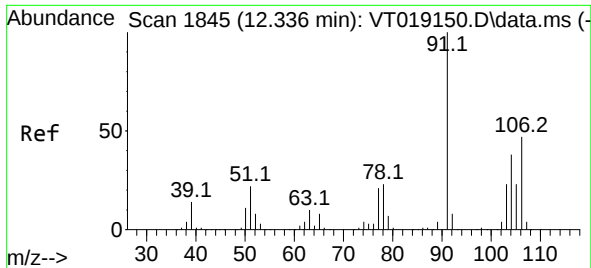
Tgt Ion: 106 Resp: 49826

Ion Ratio Lower Upper

106 100

91 205.2 161.0 241.6

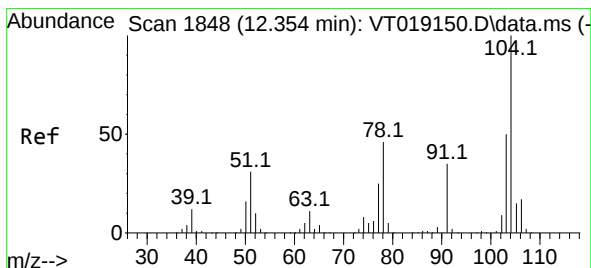
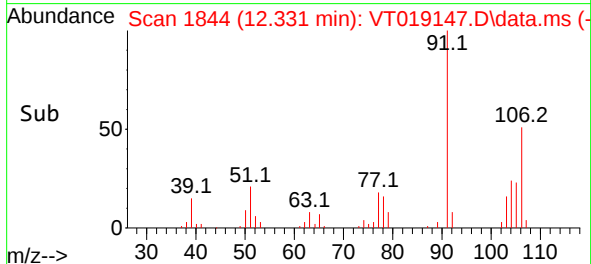
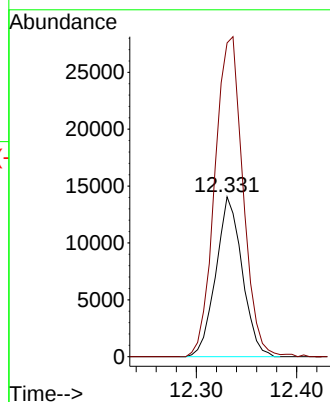
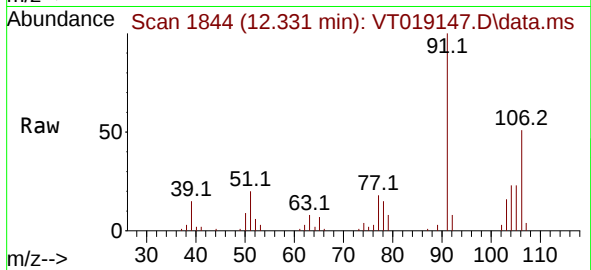




#69
o-Xylene
Concen: 4.822 ug/l
RT: 12.331 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

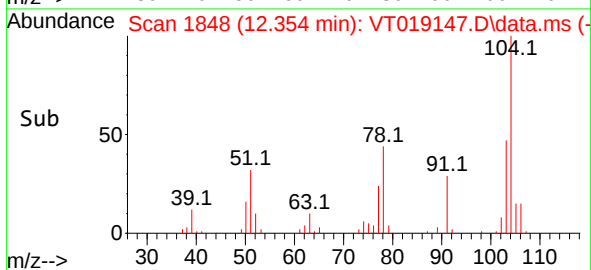
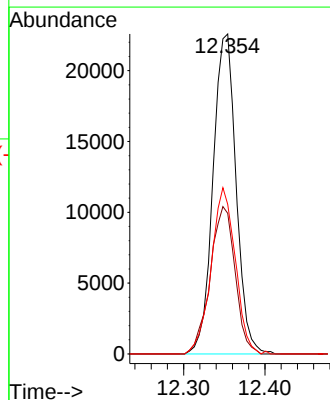
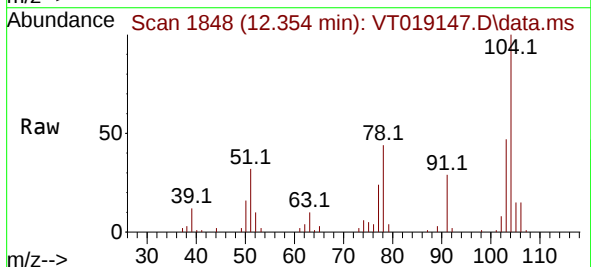
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

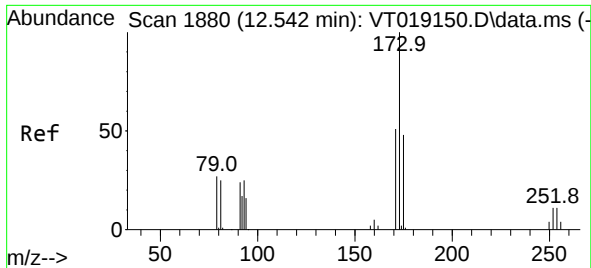
Tgt Ion:106 Resp: 25537
Ion Ratio Lower Upper
106 100
91 214.8 106.5 319.5



#70
Styrene
Concen: 4.886 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:104 Resp: 44625
Ion Ratio Lower Upper
104 100
78 49.6 40.8 61.2
103 54.3 43.8 65.6

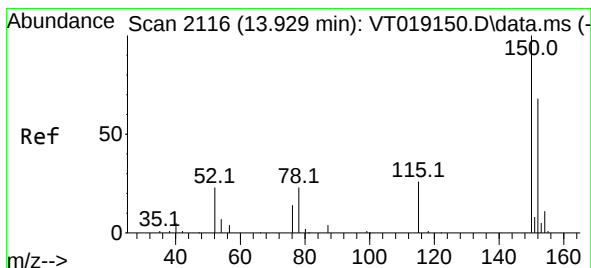
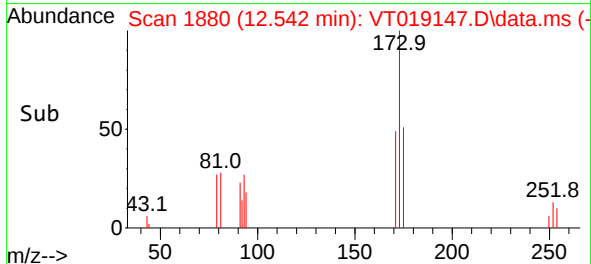
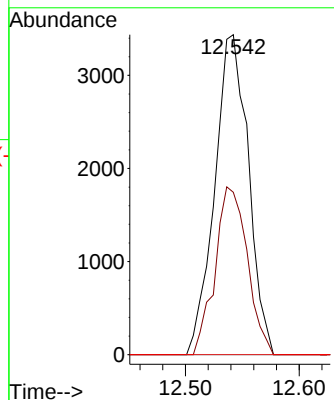
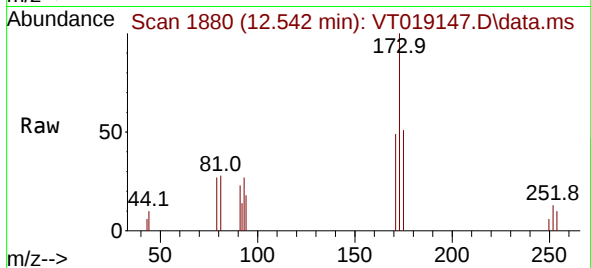




#71
Bromoform
Concen: 5.667 ug/l
RT: 12.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

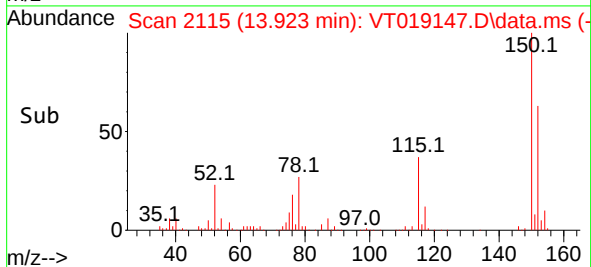
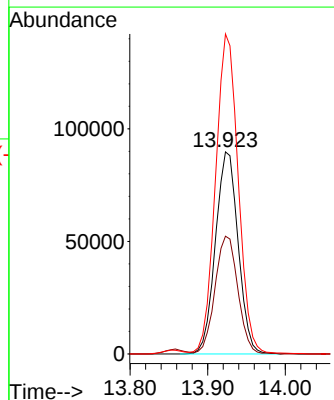
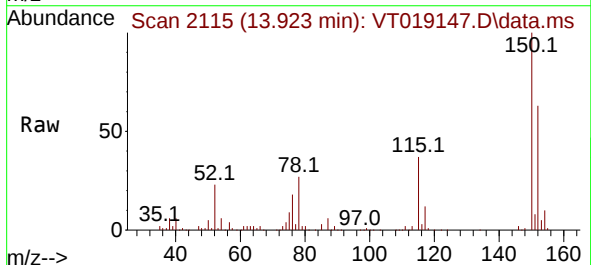
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

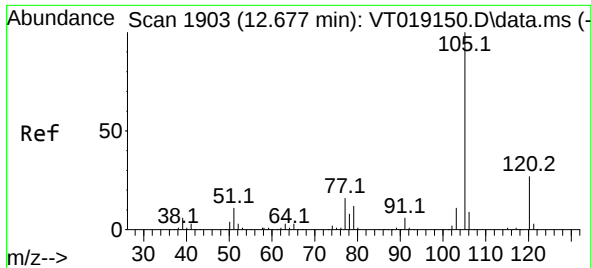
Tgt Ion:173 Resp: 7080
Ion Ratio Lower Upper
173 100
175 50.2 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.923 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:152 Resp: 182817
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.9
150 158.6 0.0 342.6

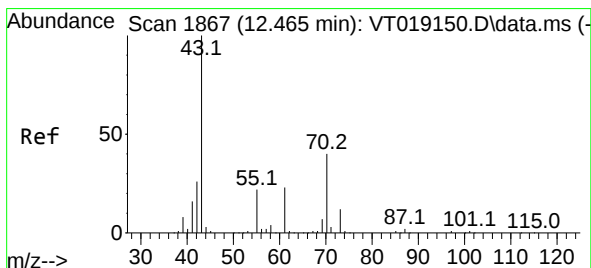
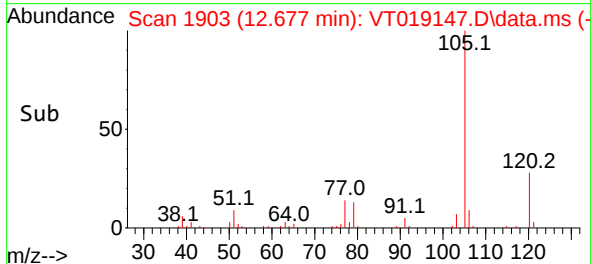
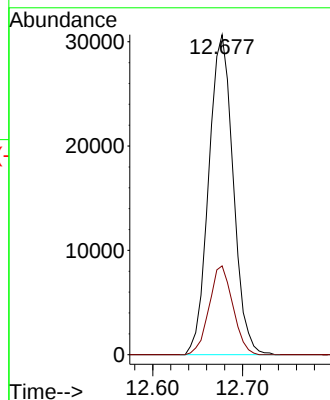
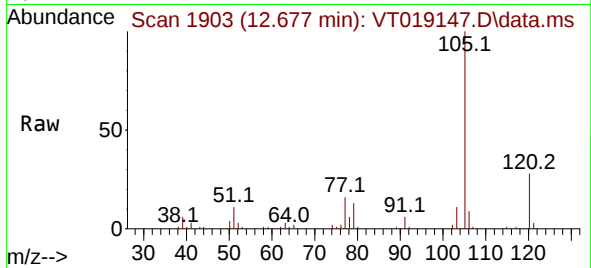




#73
Isopropylbenzene
Concen: 4.955 ug/l
RT: 12.677 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

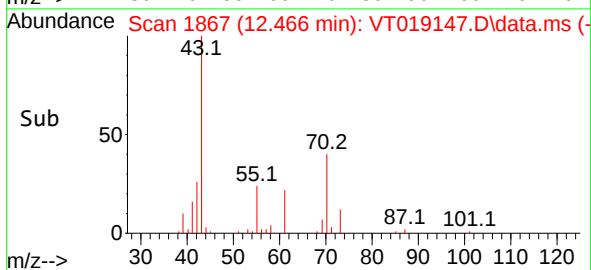
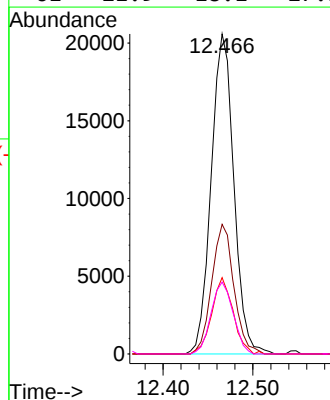
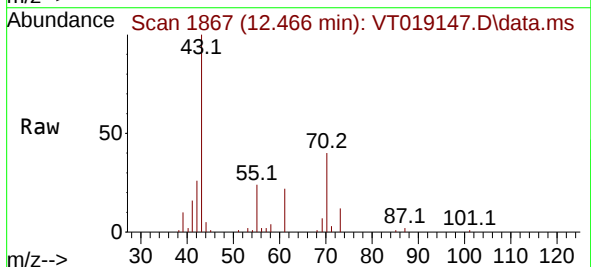
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

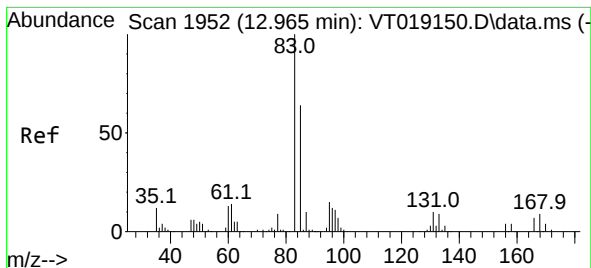
Tgt Ion:105 Resp: 57945
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 4.810 ug/l
RT: 12.466 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 43 Resp: 36044
Ion Ratio Lower Upper
43 100
70 39.6 31.3 46.9
55 22.5 17.4 26.0
61 21.9 18.1 27.1

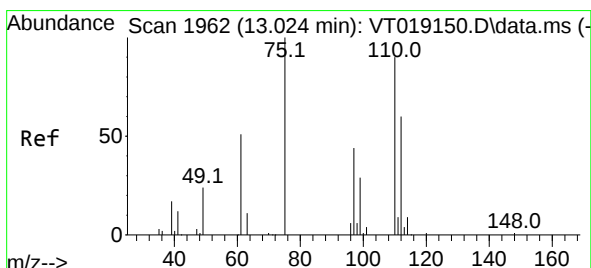
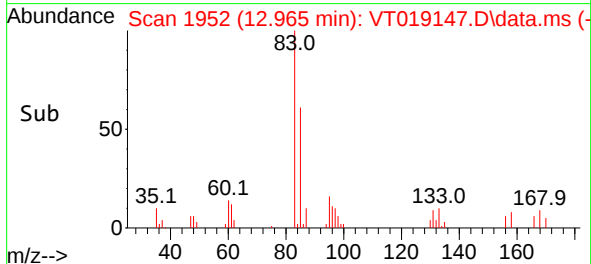
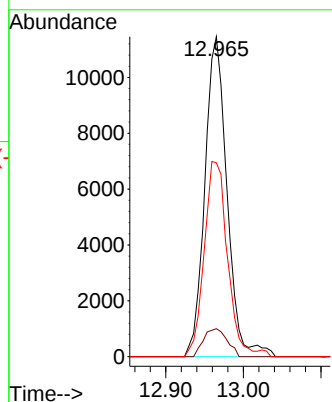
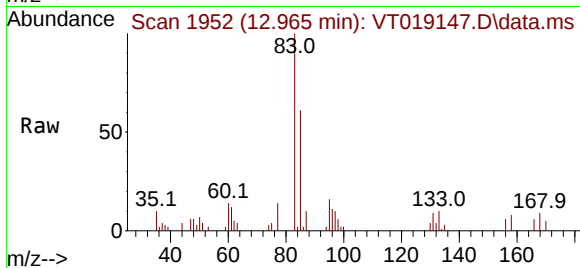




#75
1,1,2,2-Tetrachloroethane
Concen: 5.054 ug/l
RT: 12.965 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

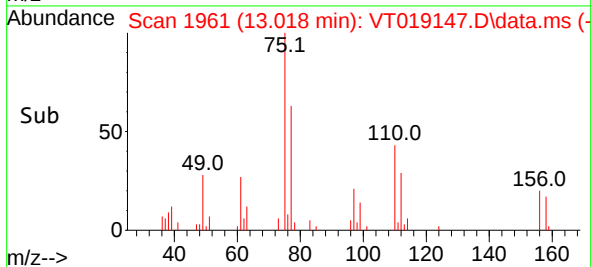
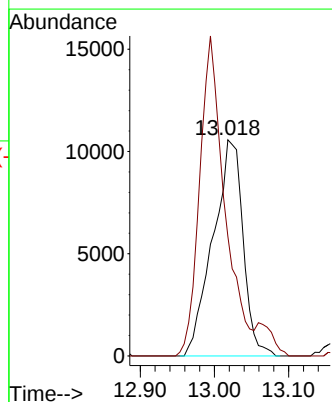
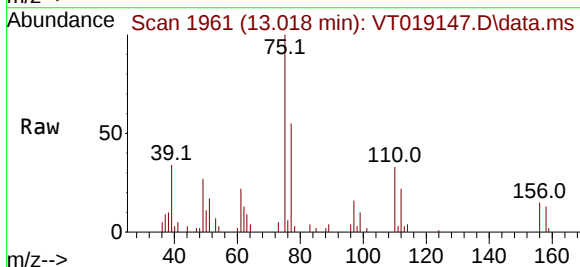
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

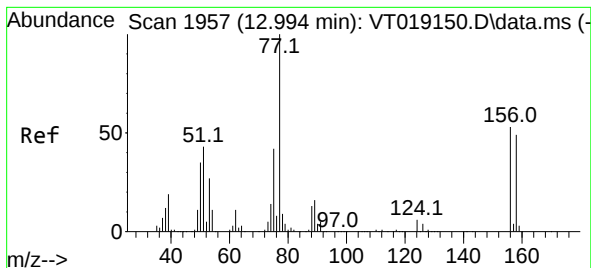
Tgt Ion: 83 Resp: 22767
Ion Ratio Lower Upper
83 100
131 9.2 5.2 15.6
85 64.3 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 7.363 ug/l
RT: 13.018 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 75 Resp: 29797
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.868 ug/l

RT: 12.995 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

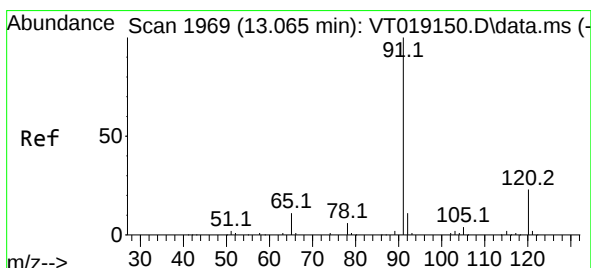
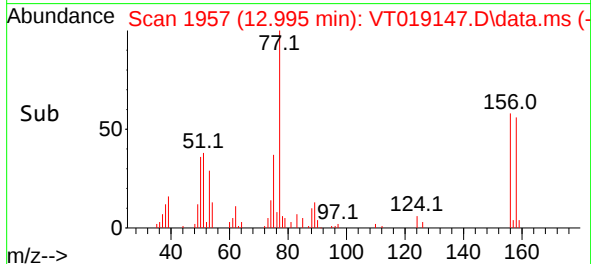
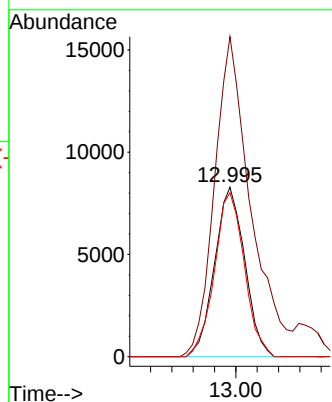
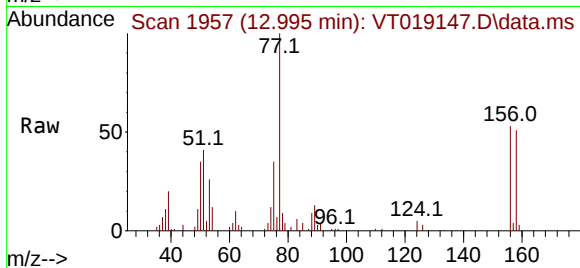
Tgt Ion:156 Resp: 16281

Ion Ratio Lower Upper

156 100

77 226.4 113.1 339.3

158 95.7 48.0 144.0



#78

n-propylbenzene

Concen: 5.030 ug/l

RT: 13.065 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VT019147.D

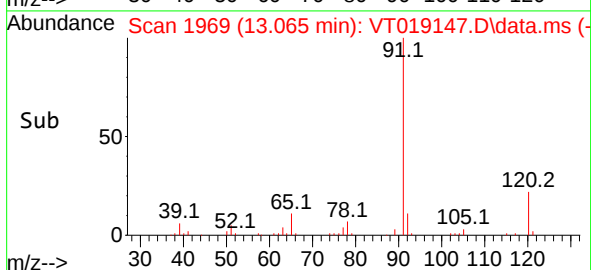
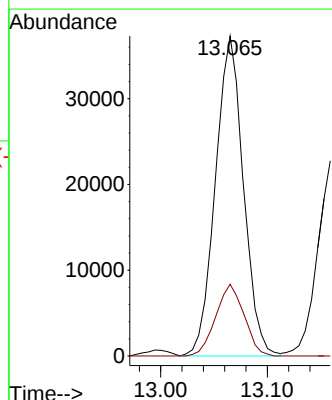
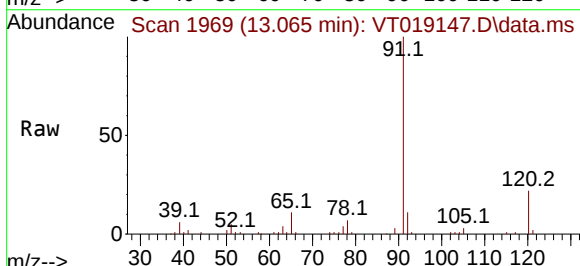
Acq: 3 Oct 2025 15:59

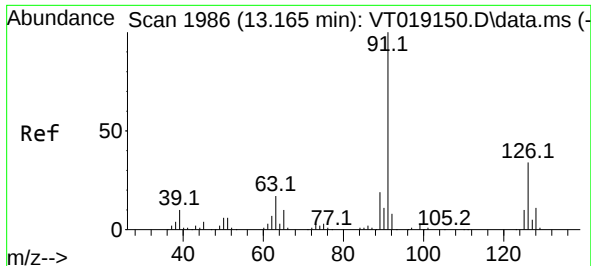
Tgt Ion: 91 Resp: 68032

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 5.041 ug/l

RT: 13.159 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

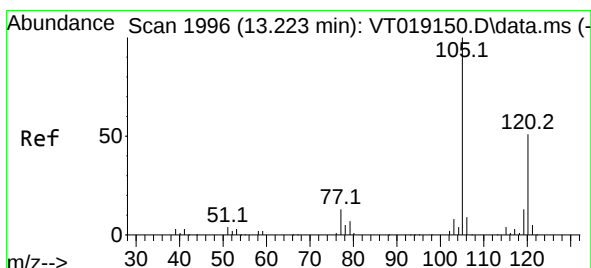
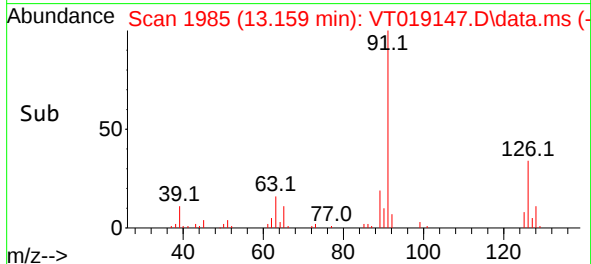
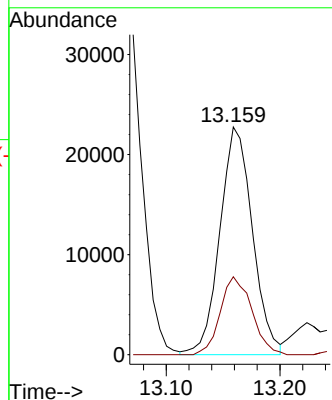
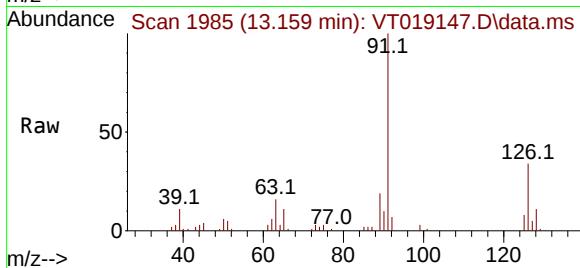
VSTDIC005

Tgt Ion: 91 Resp: 45346

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 5.038 ug/l

RT: 13.224 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VT019147.D

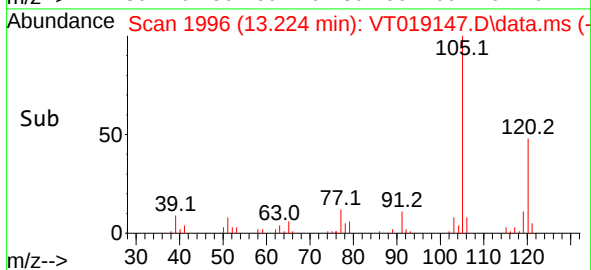
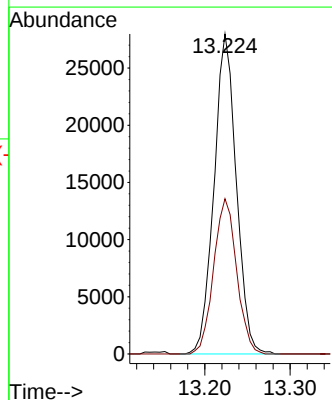
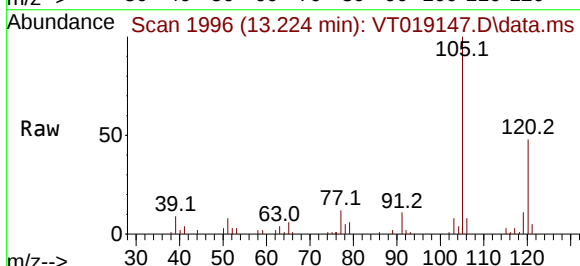
Acq: 3 Oct 2025 15:59

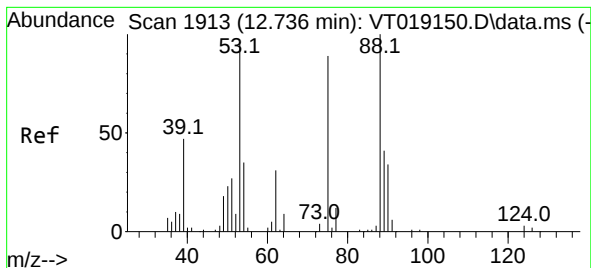
Tgt Ion:105 Resp: 50784

Ion Ratio Lower Upper

105 100

120 50.0 25.5 76.5

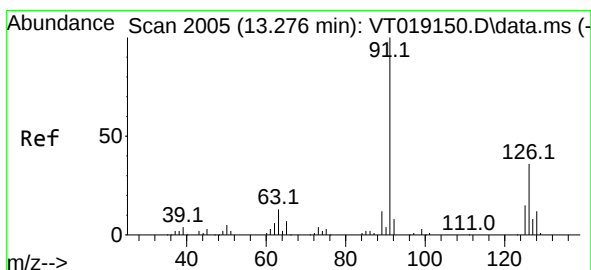
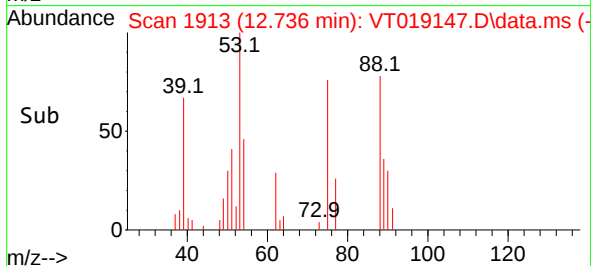
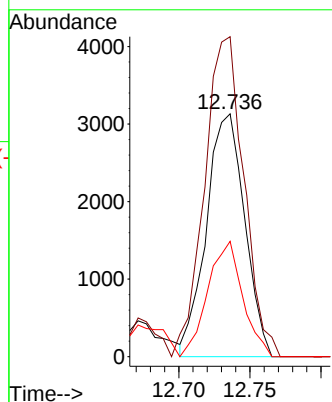
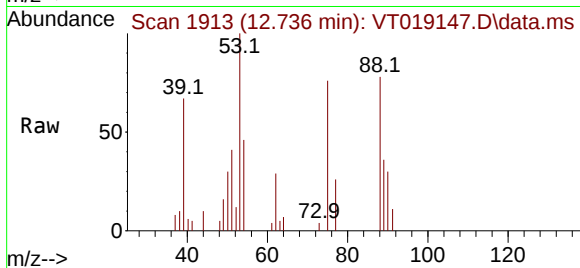




#81
trans-1,4-Dichloro-2-butene
Concen: 4.067 ug/l
RT: 12.736 min Scan# 1913
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

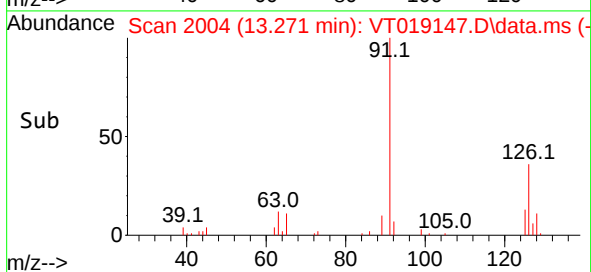
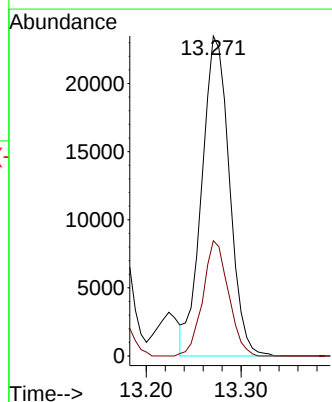
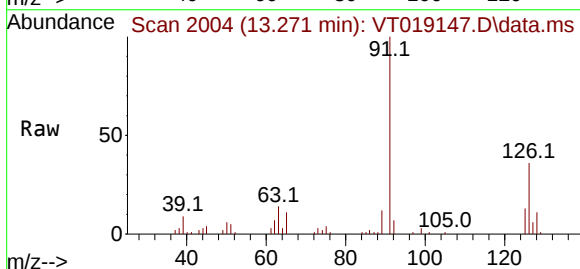
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

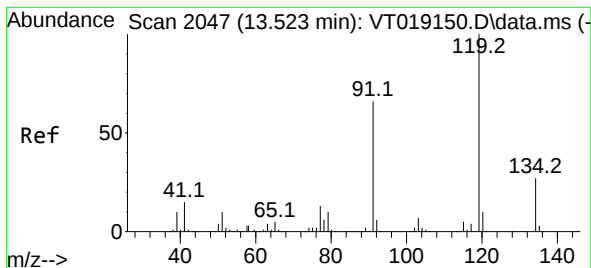
Tgt Ion: 75 Resp: 5862
Ion Ratio Lower Upper
75 100
53 135.5 86.0 129.0#
89 43.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 5.020 ug/l
RT: 13.271 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 91 Resp: 47498
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.7





#83

tert-Butylbenzene

Concen: 4.981 ug/l

RT: 13.523 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VT019147.D

Acq: 3 Oct 2025 15:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC005

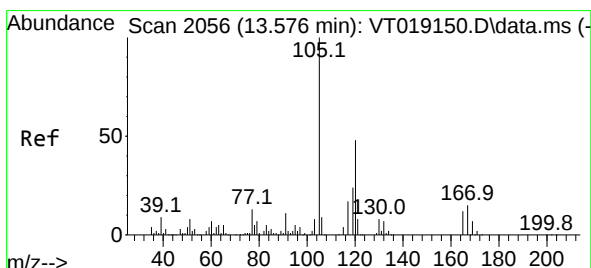
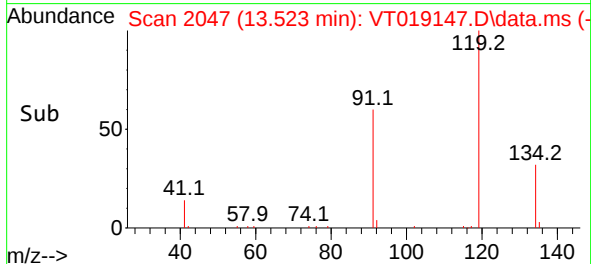
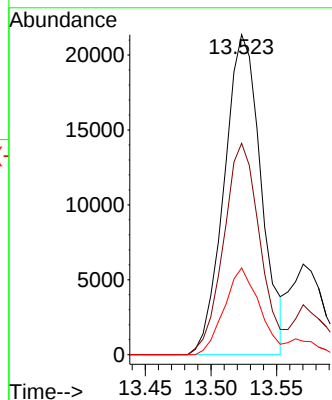
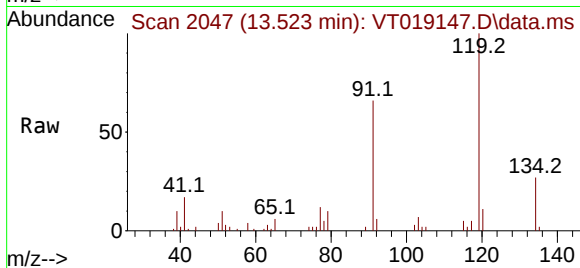
Tgt Ion:119 Resp: 41756

Ion Ratio Lower Upper

119 100

91 66.2 32.9 98.6

134 26.5 14.8 44.3



#84

1,2,4-Trimethylbenzene

Concen: 4.993 ug/l

RT: 13.576 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VT019147.D

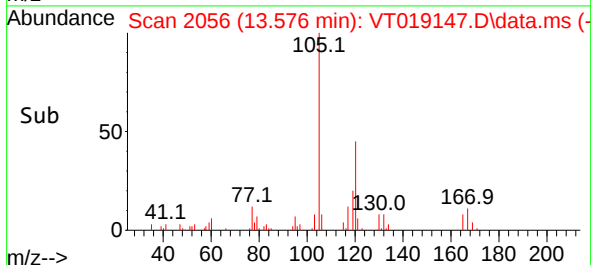
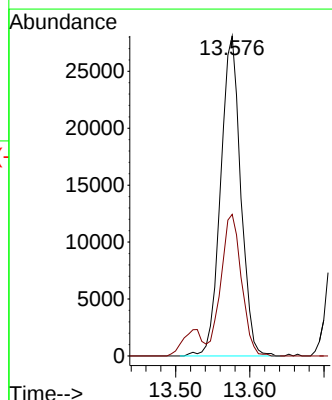
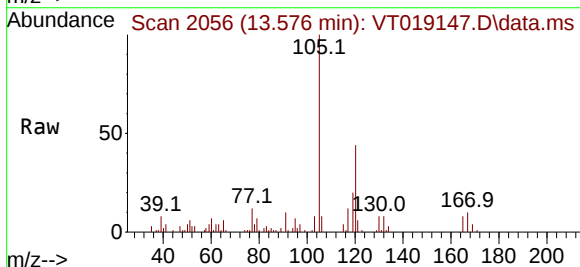
Acq: 3 Oct 2025 15:59

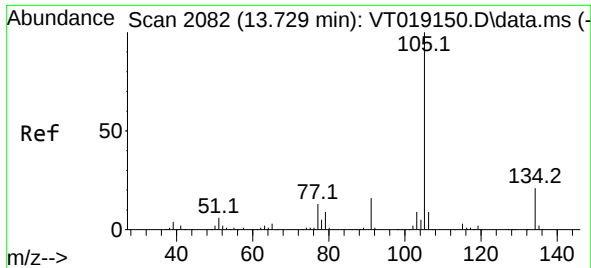
Tgt Ion:105 Resp: 52841

Ion Ratio Lower Upper

105 100

120 45.2 23.7 71.1

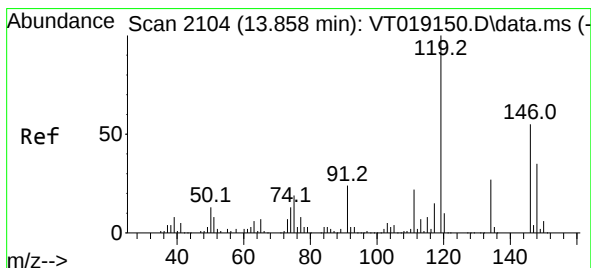
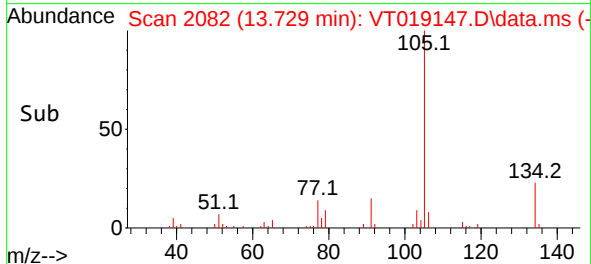
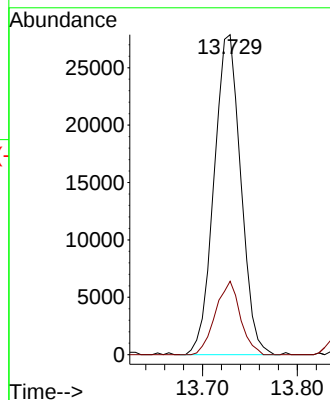
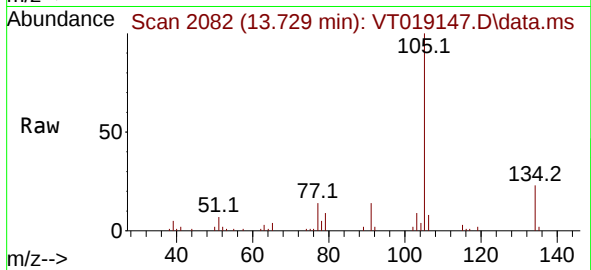




#85
 sec-Butylbenzene
 Concen: 4.859 ug/l
 RT: 13.729 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VT019147.D
 Acq: 3 Oct 2025 15:59

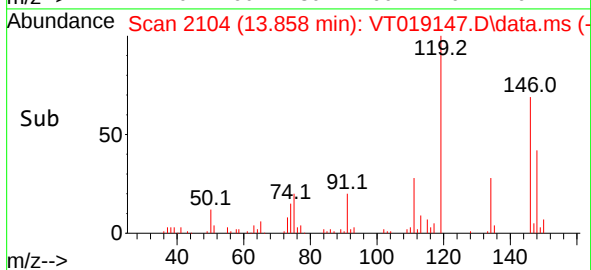
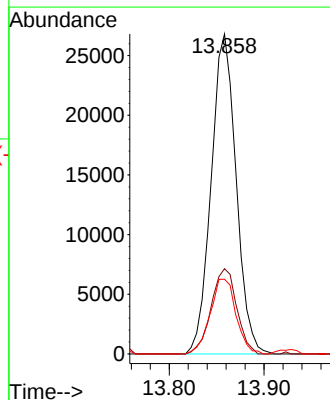
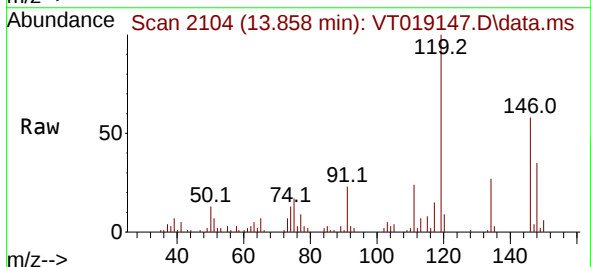
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC005

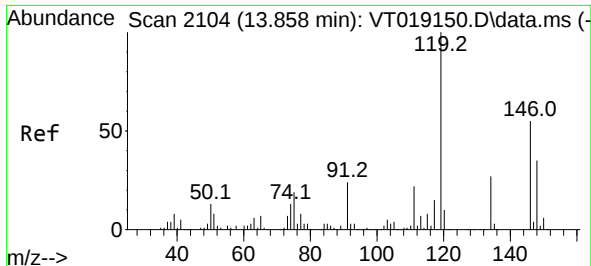
Tgt Ion:105 Resp: 54642
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 4.812 ug/l
 RT: 13.858 min Scan# 2104
 Delta R.T. 0.000 min
 Lab File: VT019147.D
 Acq: 3 Oct 2025 15:59

Tgt Ion:119 Resp: 49022
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.1
 91 24.3 11.7 35.1

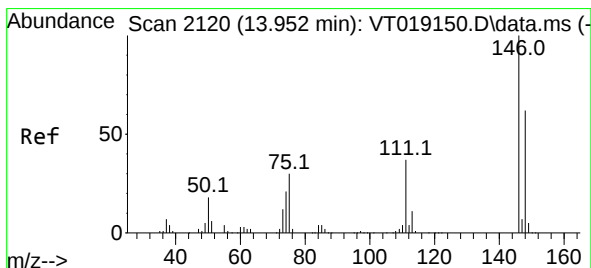
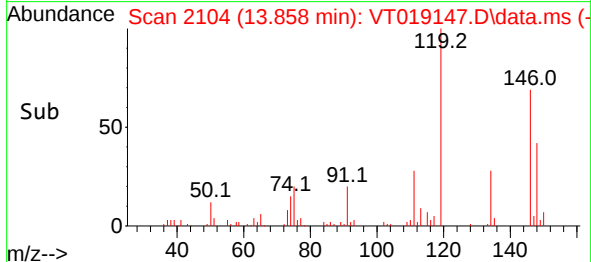
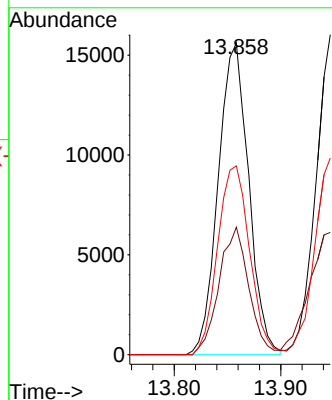
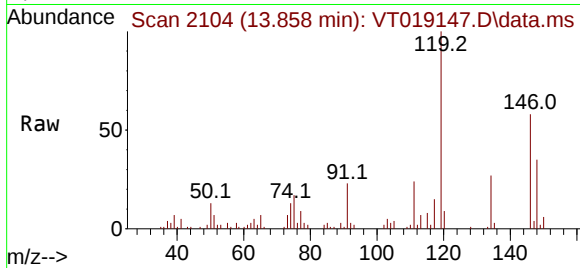




#87
1,3-Dichlorobenzene
Concen: 4.975 ug/l
RT: 13.858 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

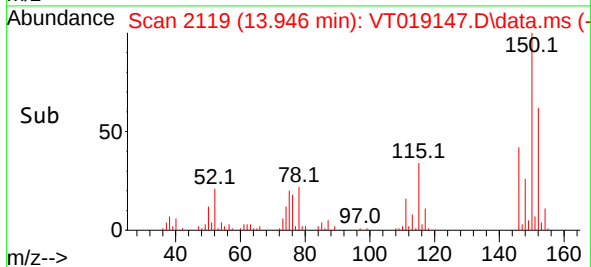
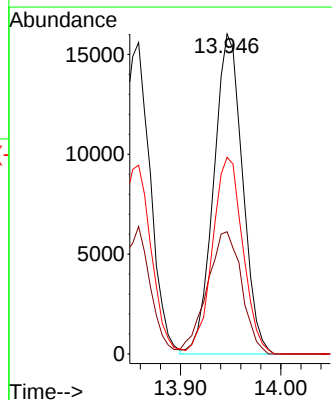
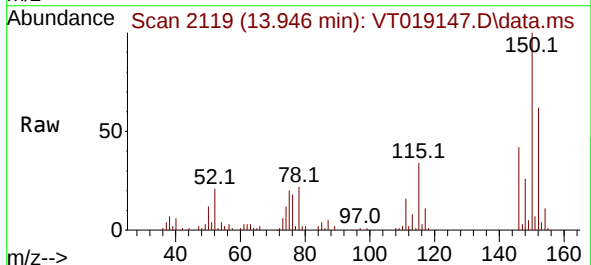
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

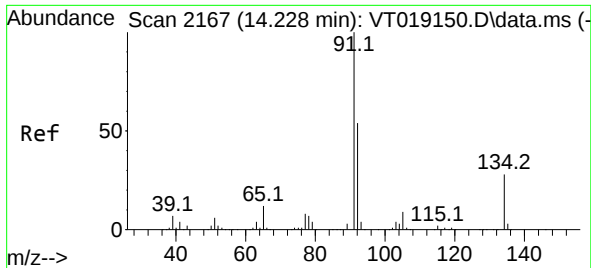
Tgt Ion:146 Resp: 30963
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 64.0 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 4.953 ug/l
RT: 13.946 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:146 Resp: 32023
Ion Ratio Lower Upper
146 100
111 45.7 19.3 57.8
148 64.5 31.8 95.4

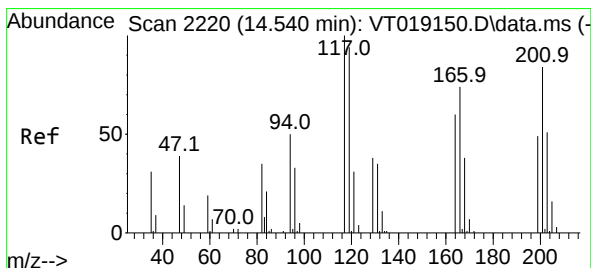
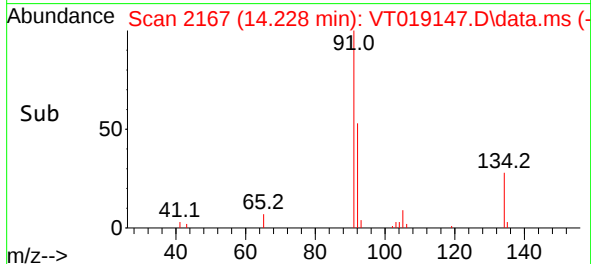
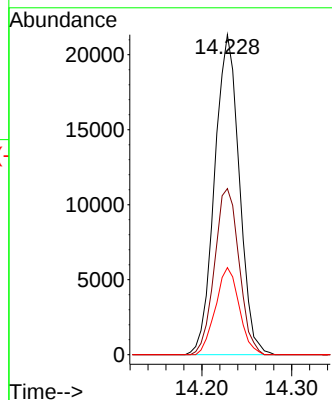
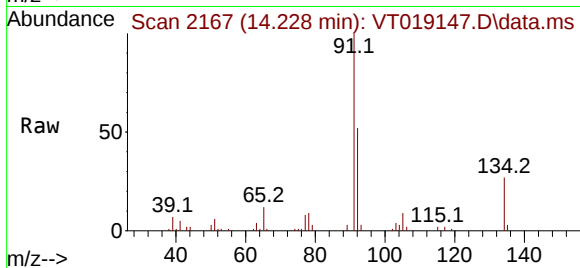




#89
n-Butylbenzene
Concen: 4.823 ug/l
RT: 14.228 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

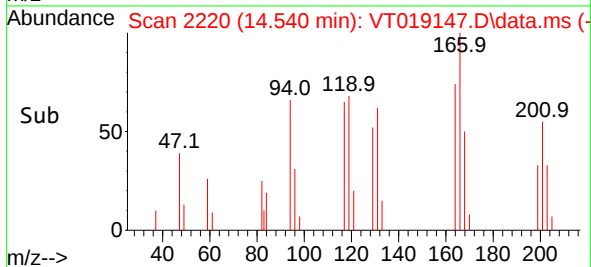
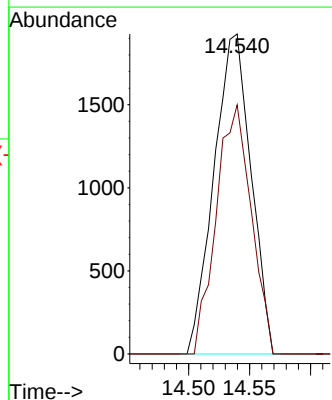
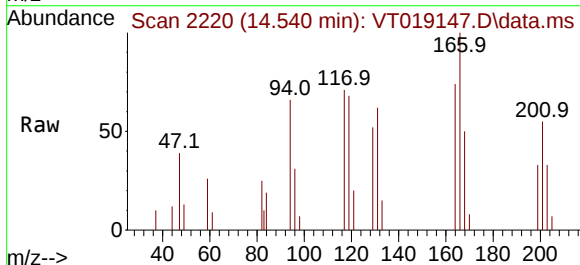
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

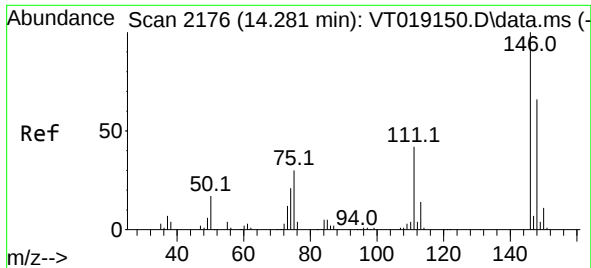
Tgt Ion: 91	Resp: 40737
Ion Ratio	Lower Upper
91	100
92	51.6 27.1 81.2
134	26.2 13.7 41.0



#90
Hexachloroethane
Concen: 6.600 ug/l
RT: 14.540 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 117	Resp: 4068
Ion Ratio	Lower Upper
117	100
201	73.5 39.7 119.1

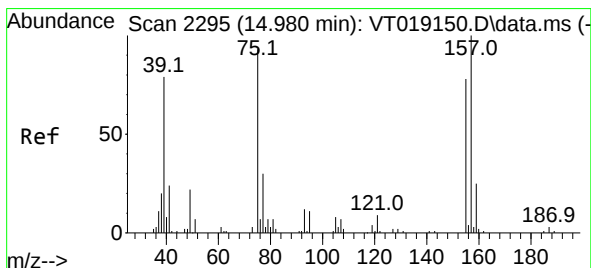
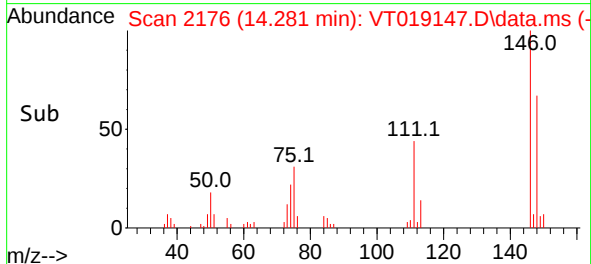
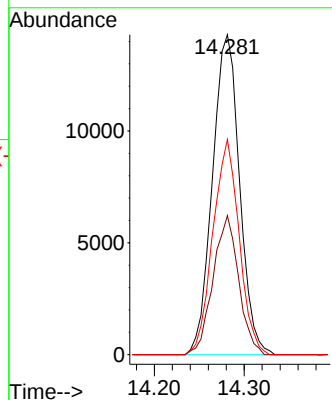
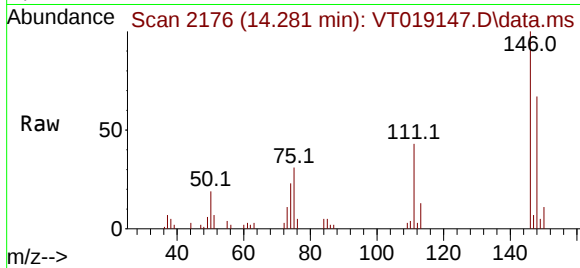




#91
1,2-Dichlorobenzene
Concen: 5.082 ug/l
RT: 14.281 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

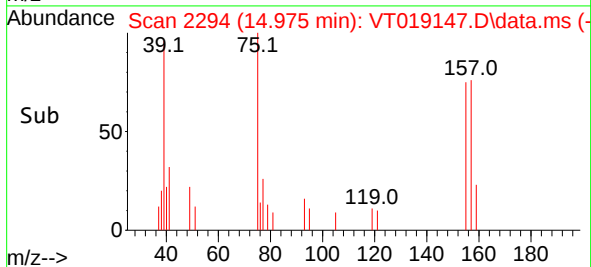
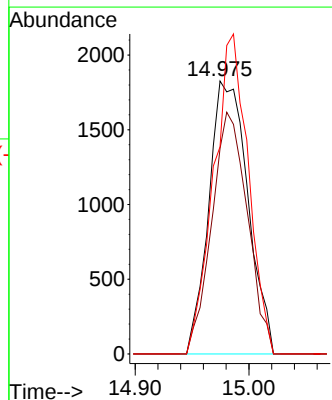
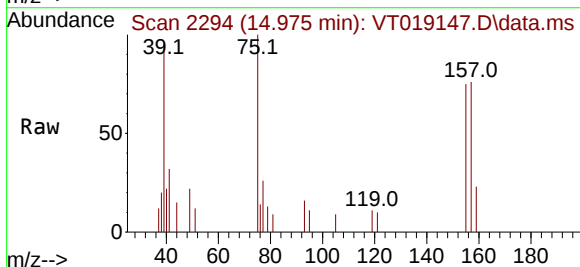
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

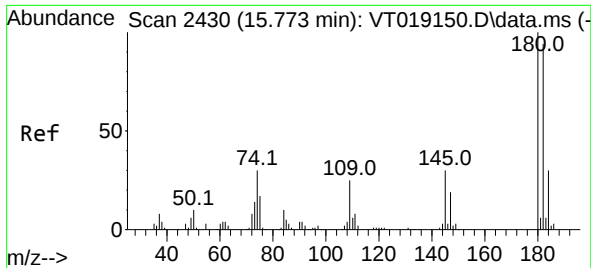
Tgt Ion:146 Resp: 29968
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.4
148 65.2 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.626 ug/l
RT: 14.975 min Scan# 2294
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion: 75 Resp: 4343
Ion Ratio Lower Upper
75 100
155 81.2 42.9 128.7
157 104.0 54.9 164.8

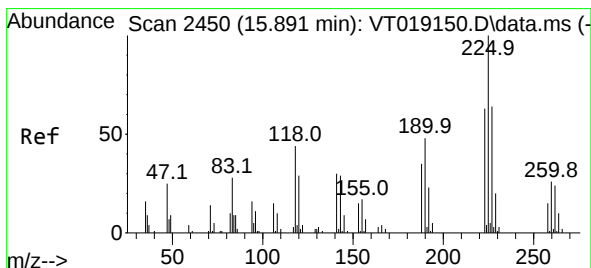
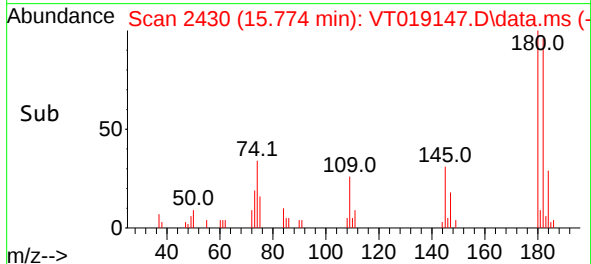
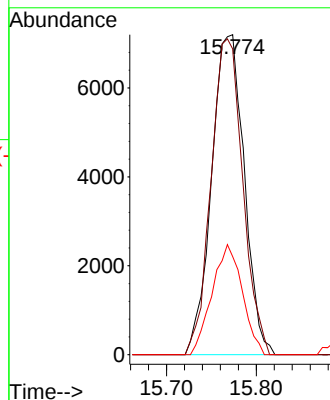
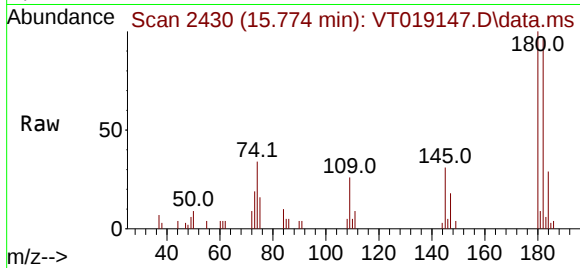




#93
1,2,4-Trichlorobenzene
Concen: 4.744 ug/l
RT: 15.774 min Scan# 2430
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

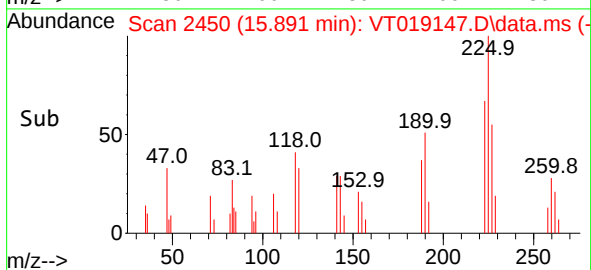
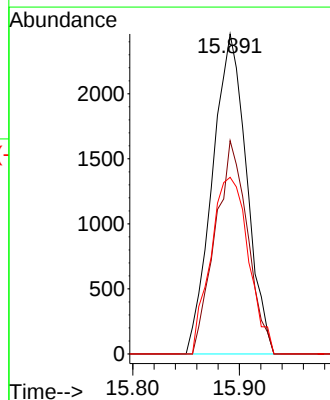
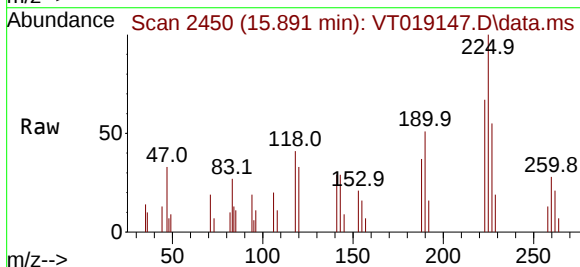
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

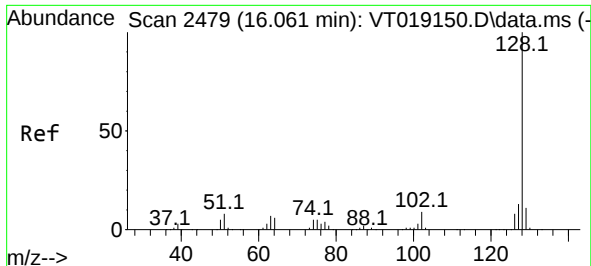
Tgt Ion:180 Resp: 18160
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 31.9 15.0 45.0



#94
Hexachlorobutadiene
Concen: 6.112 ug/l
RT: 15.891 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:225 Resp: 5481
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.5
227 60.9 31.9 95.9

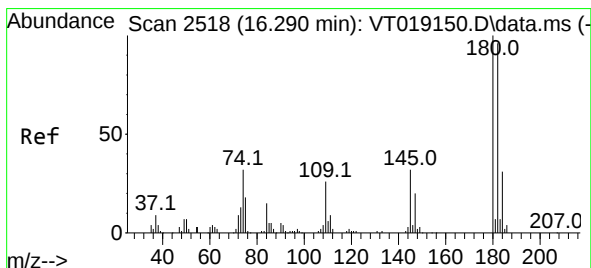
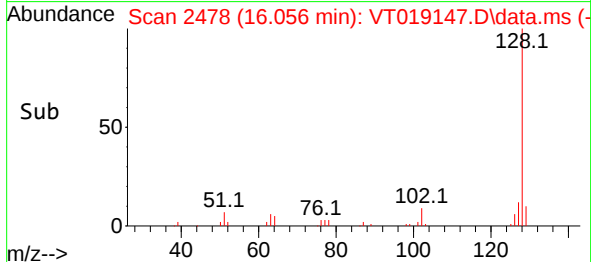
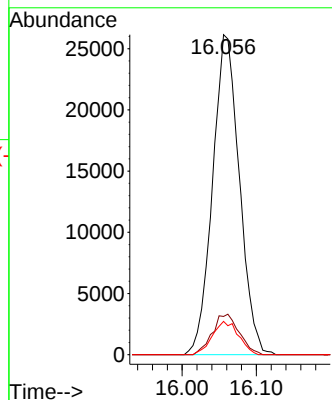
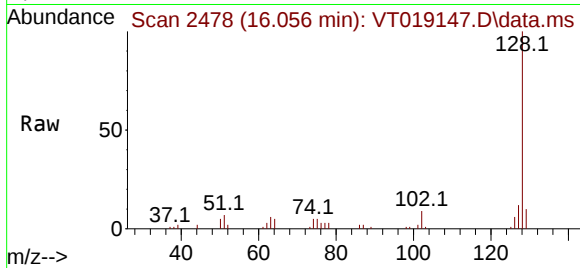




#95
Naphthalene
Concen: 4.775 ug/l
RT: 16.056 min Scan# 2479
Delta R.T. -0.006 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp: 65594
Ion Ratio	Lower Upper
128 100	
127 12.7	10.5 15.7
129 10.2	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.802 ug/l
RT: 16.291 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VT019147.D
Acq: 3 Oct 2025 15:59

Tgt Ion:180	Resp:	18427	
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.6	142.8
145	30.8	15.8	47.4

