

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019201.D
 Acq On : 29 Oct 2025 14:04
 Operator : SY/MD
 Sample : VT1029WBL02
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBL02

Quant Time: Oct 30 08:46:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

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

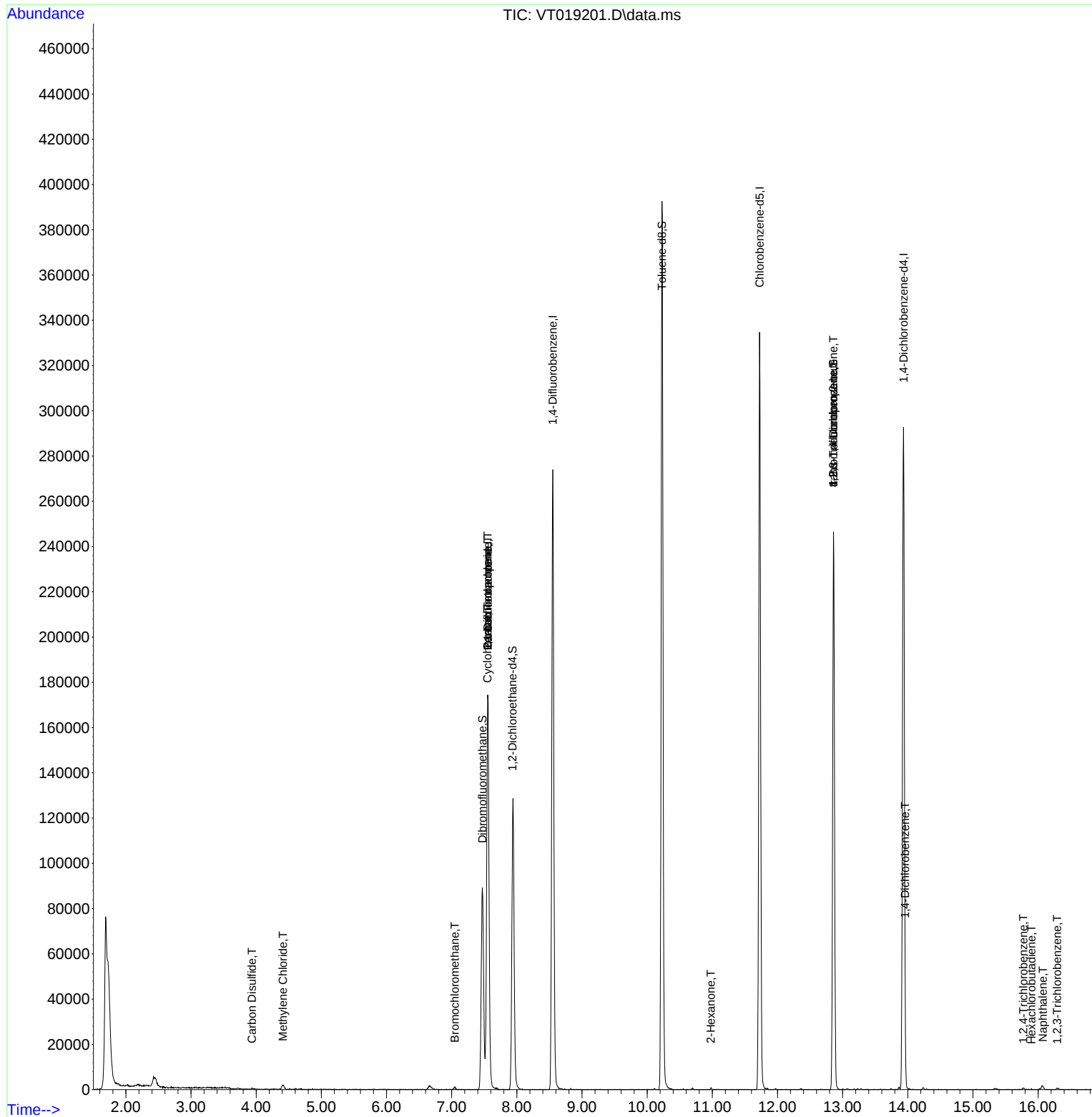
Internal Standards						
1) Pentafluorobenzene	7.554	168	146531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	249461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	199838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.935	152	92312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.936	65	108097	45.863	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.720%	
35) Dibromofluoromethane	7.471	113	72604	46.017	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.040%	
50) Toluene-d8	10.227	98	291655	45.520	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.040%	
62) 4-Bromofluorobenzene	12.859	95	92684	46.014	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.729	43	792	Below Cal	#	45
17) Carbon Disulfide	3.934	76	711	0.370	ug/l #	75
20) Methylene Chloride	4.410	84	1426	0.905	ug/l #	78
28) Bromochloromethane	7.048	49	1050	0.635	ug/l #	77
31) Cyclohexane	7.548	56	3918	1.704	ug/l #	16
36) 1,1-Dichloropropene	7.554	75	13094	7.378	ug/l #	49
38) Carbon Tetrachloride	7.554	117	14653	9.081	ug/l #	16
59) 2-Hexanone	10.979	43	736	0.336	ug/l	80
76) 1,2,3-Trichloropropane	12.859	75	53674	28.255	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.859	75	53674	66.296	ug/l #	7
88) 1,4-Dichlorobenzene	13.958	146	888	0.319	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.774	180	675	0.387	ug/l #	89
94) Hexachlorobutadiene	15.897	225	185	0.257	ug/l #	44
95) Naphthalene	16.073	128	3717	0.609	ug/l #	86
96) 1,2,3-Trichlorobenzene	16.291	180	802	0.466	ug/l #	38

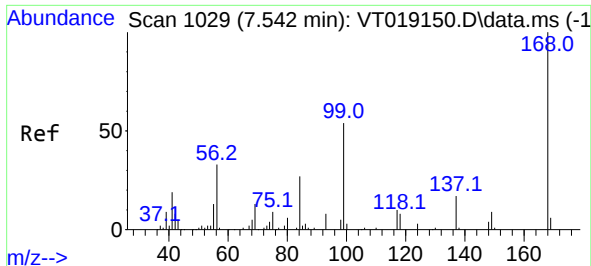
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 08:46:25 2025
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Quant Title : SW846 8260
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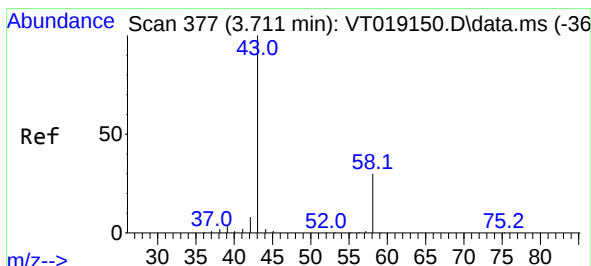
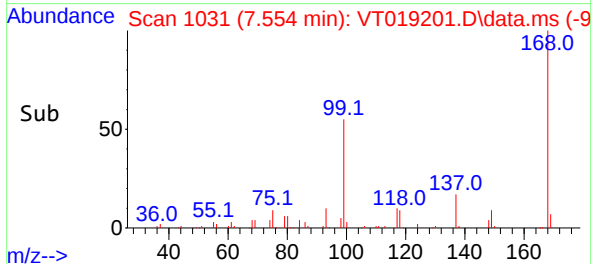
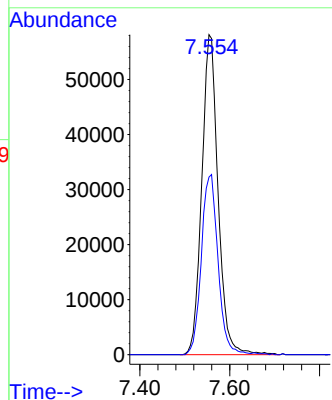
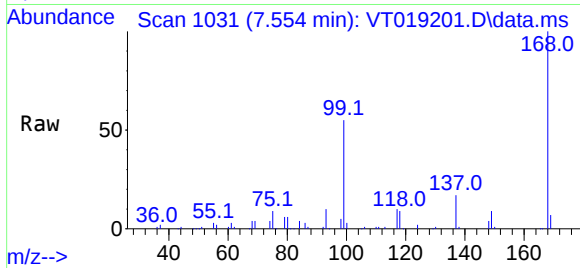




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.554 min Scan# 10
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

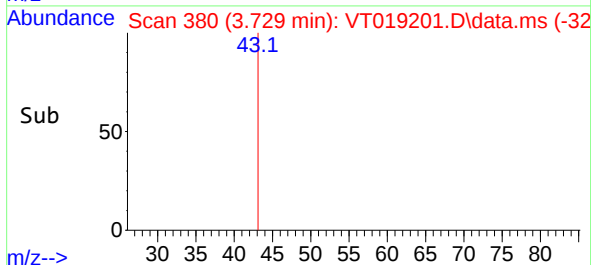
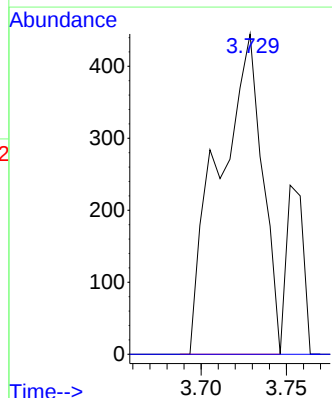
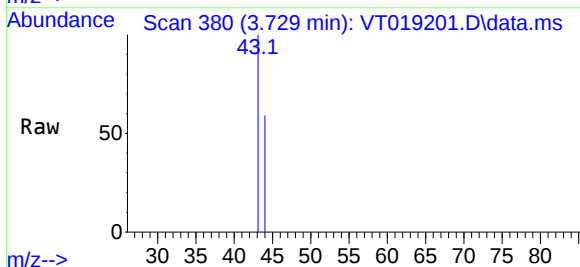
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

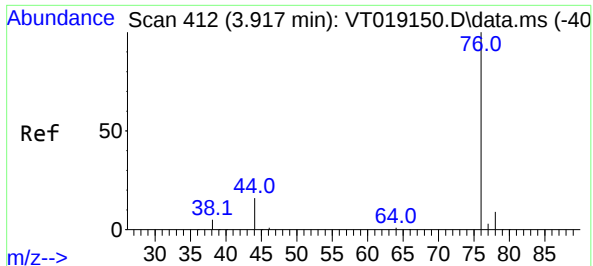
Tgt Ion:168 Resp: 146531
Ion Ratio Lower Upper
168 100
99 55.5 46.6 70.0



#16
Acetone
Concen: Below Cal
RT: 3.729 min Scan# 380
Delta R.T. 0.012 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.370 ug/l

RT: 3.934 min Scan# 411

Delta R.T. 0.000 min

Lab File: VT019201.D

Acq: 29 Oct 2025 14:04

Instrument :

MSVOA_T

ClientSampleId :

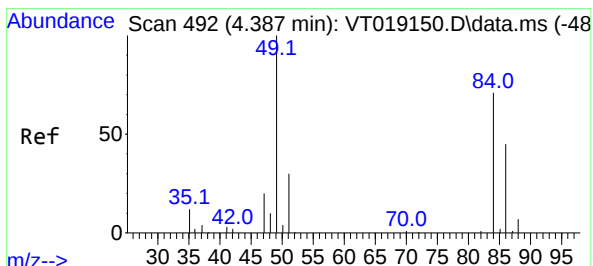
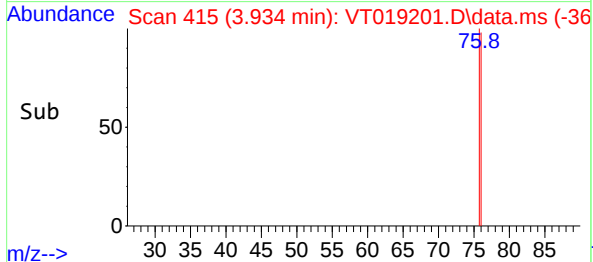
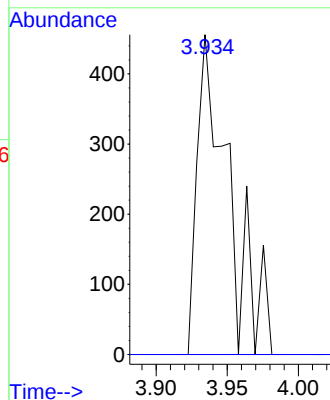
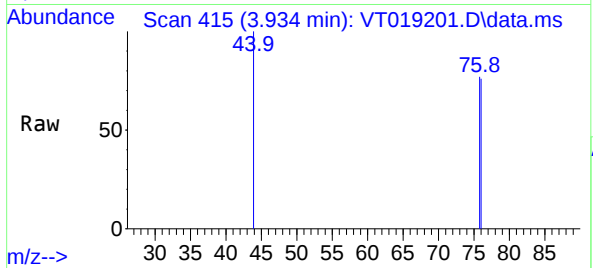
VT1029WBL02

Tgt Ion: 76 Resp: 711

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#20

Methylene Chloride

Concen: 0.905 ug/l

RT: 4.410 min Scan# 496

Delta R.T. 0.012 min

Lab File: VT019201.D

Acq: 29 Oct 2025 14:04

Tgt Ion: 84 Resp: 1426

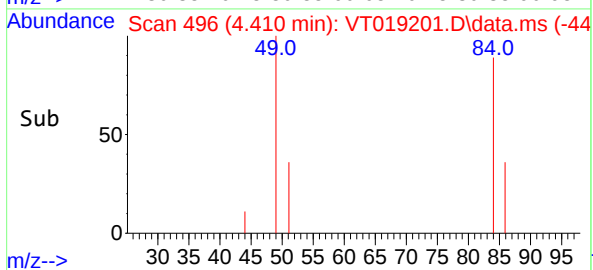
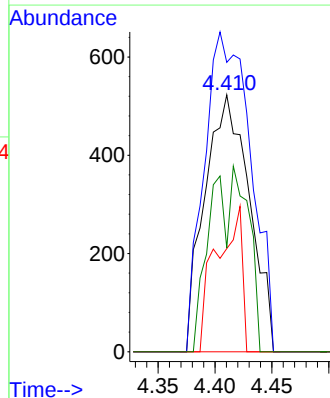
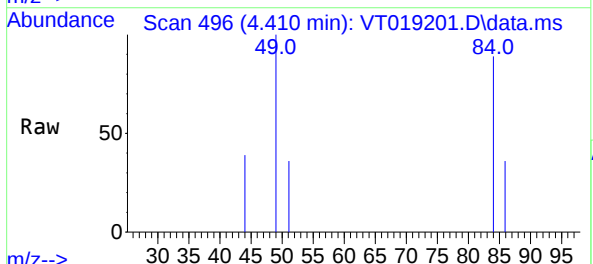
Ion Ratio Lower Upper

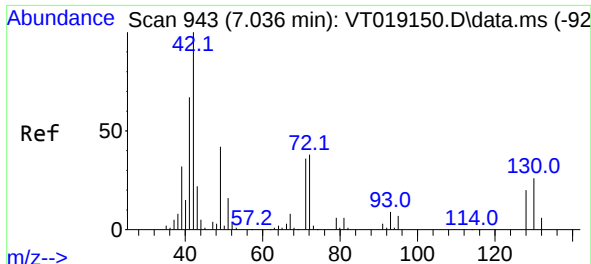
84 100

49 112.6 113.1 169.7#

51 40.2 33.6 50.4

86 40.3 50.6 75.8#

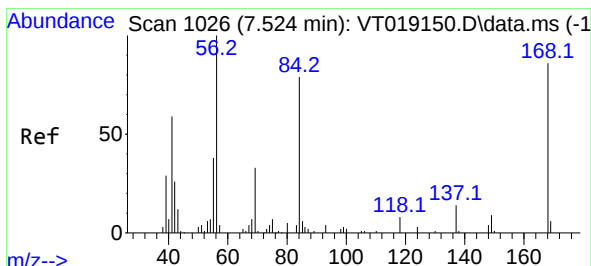
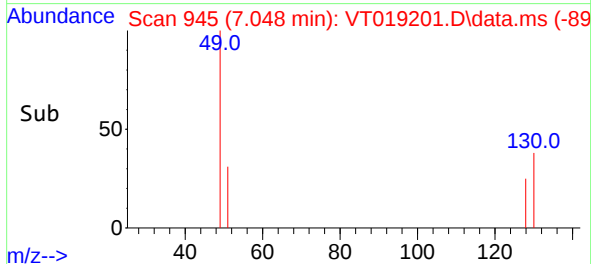
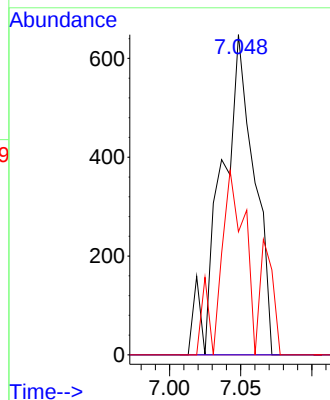
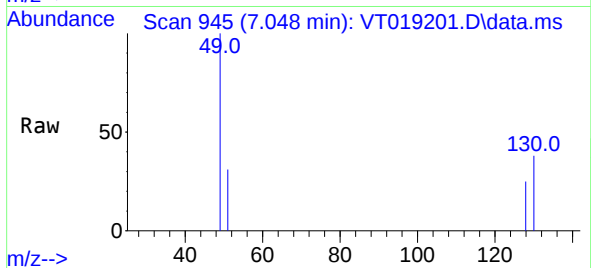




#28
Bromochloromethane
Concen: 0.635 ug/l
RT: 7.048 min Scan# 94
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

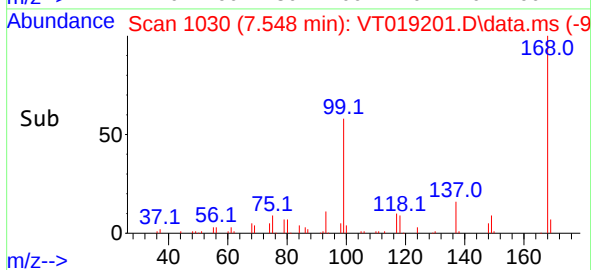
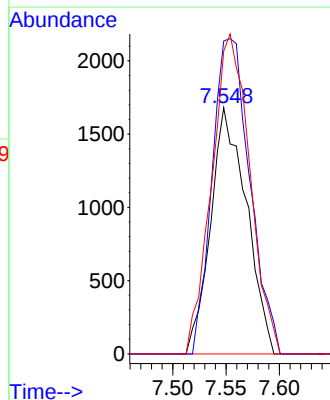
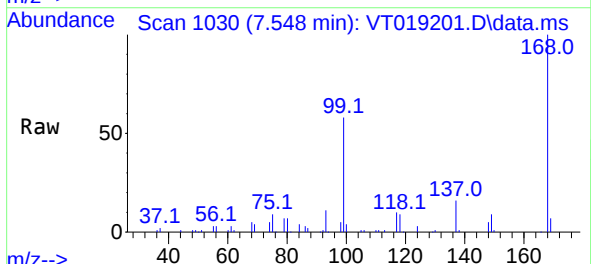
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

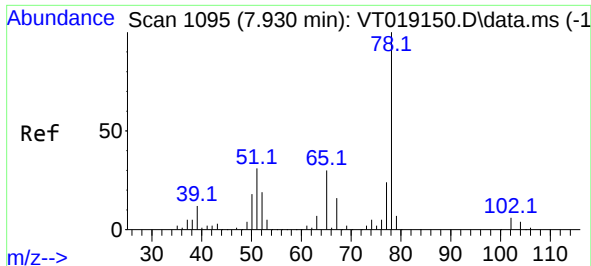
Tgt Ion: 49 Resp: 1050
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 43.0 48.6 73.0#



#31
Cyclohexane
Concen: 1.704 ug/l
RT: 7.548 min Scan# 1030
Delta R.T. 0.012 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 56 Resp: 3918
Ion Ratio Lower Upper
56 100
69 127.1 26.1 39.1#
84 123.0 63.6 95.4#

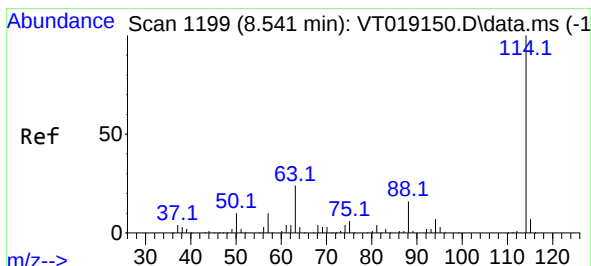
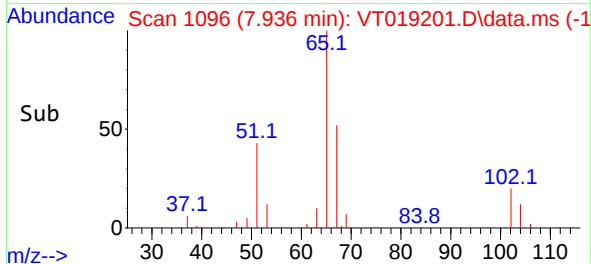
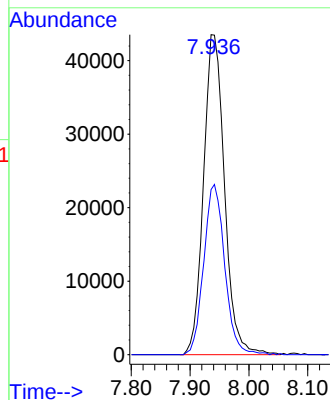
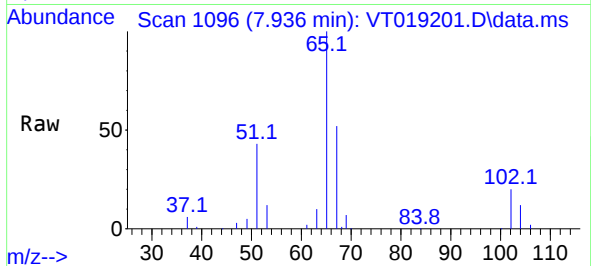




#33
1,2-Dichloroethane-d4
Concen: 45.863 ug/l
RT: 7.936 min Scan# 1095
Delta R.T. 0.001 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

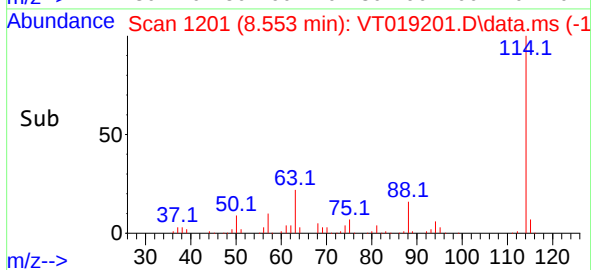
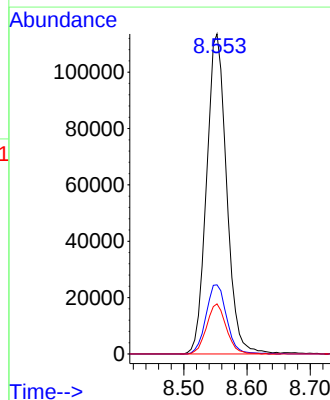
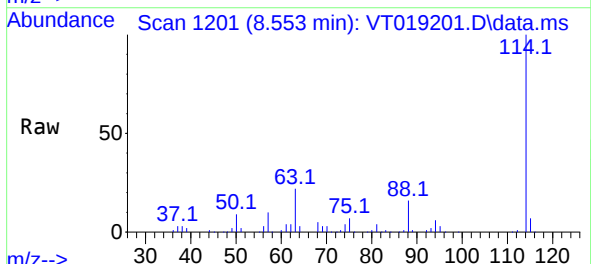
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

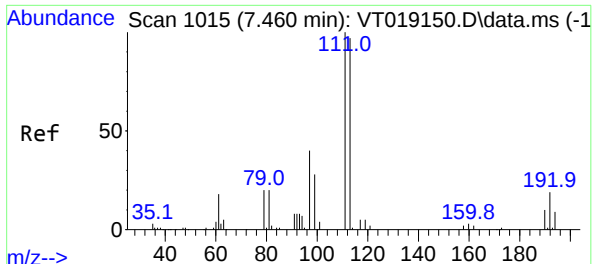
Tgt Ion: 65 Resp: 108097
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.553 min Scan# 1201
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 114 Resp: 249461
Ion Ratio Lower Upper
114 100
63 21.6 0.0 47.2
88 15.6 0.0 32.6



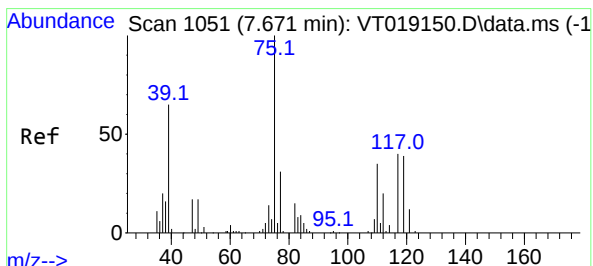
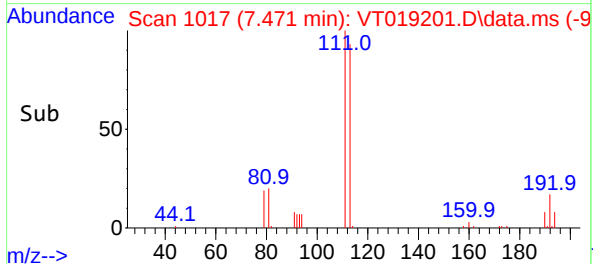
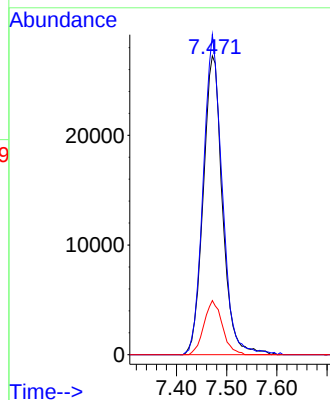
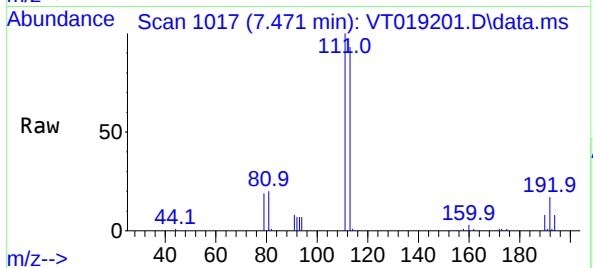


#35
Dibromofluoromethane
Concen: 46.017 ug/l
RT: 7.471 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

Tgt Ion:113 Resp: 72604

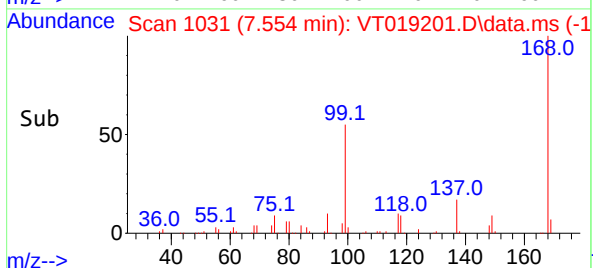
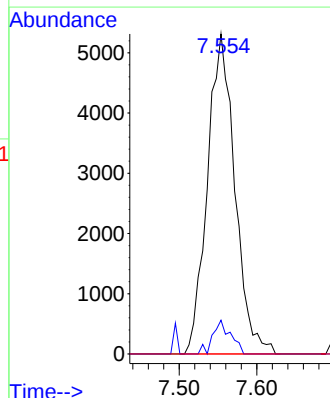
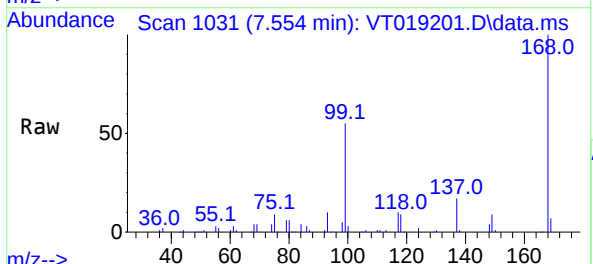
Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.6	122.4
192	17.3	15.3	22.9

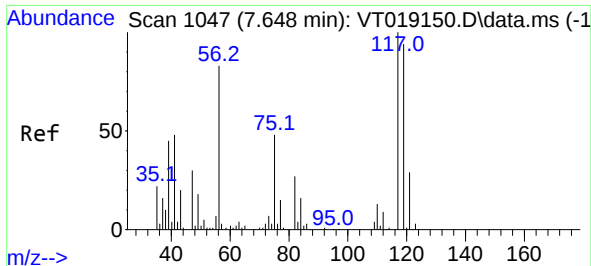


#36
1,1-Dichloropropene
Concen: 7.378 ug/l
RT: 7.554 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 75 Resp: 13094

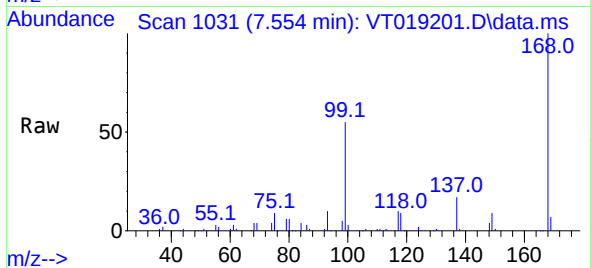
Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.1	48.2#
77	0.0	25.1	37.7#



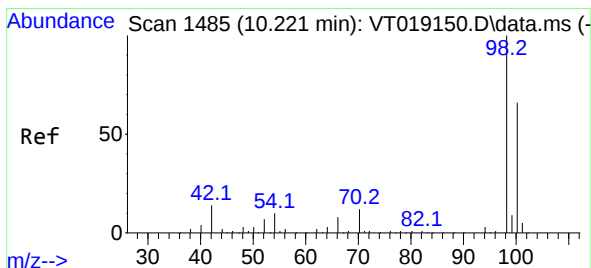
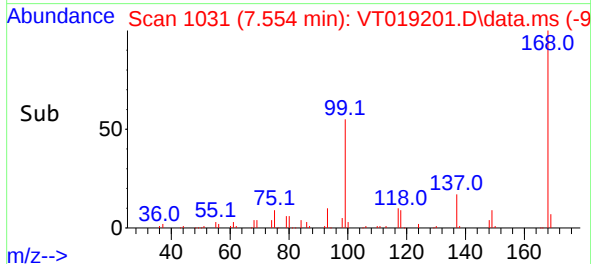
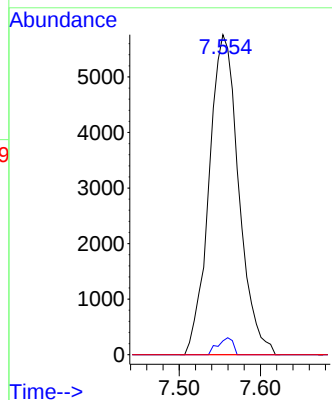


#38
Carbon Tetrachloride
Concen: 9.081 ug/l
RT: 7.554 min Scan# 1047
Delta R.T. -0.105 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Instrument :
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ClientSampleId :
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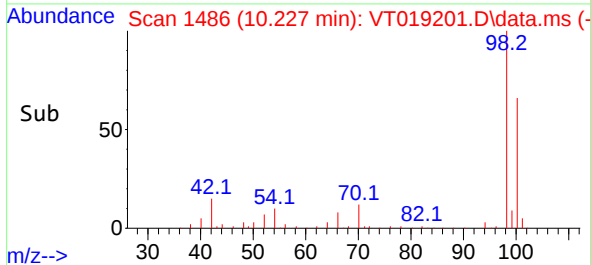
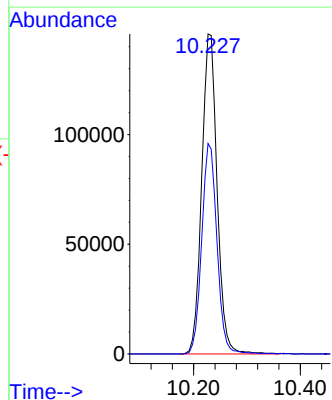
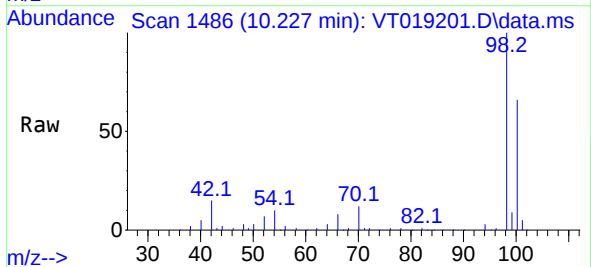


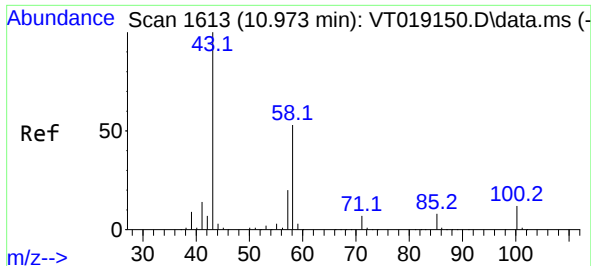
Tgt Ion:117 Resp: 14653
Ion Ratio Lower Upper
117 100
119 4.3 75.0 112.6#
121 0.0 23.3 34.9#



#50
Toluene-d8
Concen: 45.520 ug/l
RT: 10.227 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 98 Resp: 291655
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

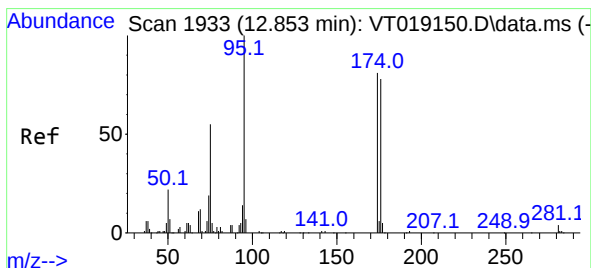
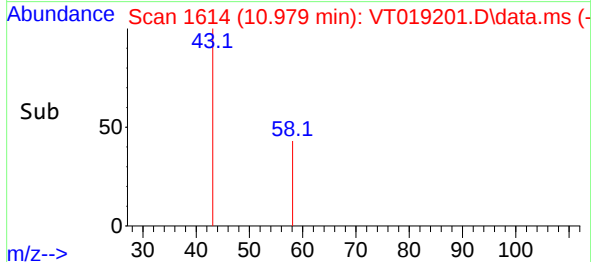
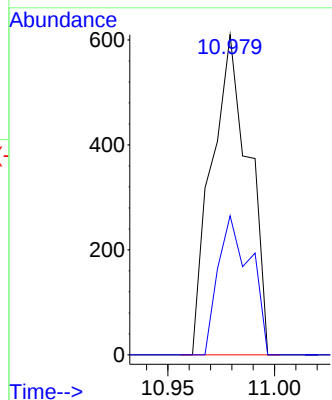
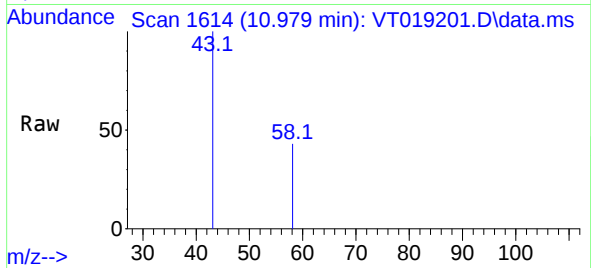




#59
2-Hexanone
Concen: 0.336 ug/l
RT: 10.979 min Scan# 1
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

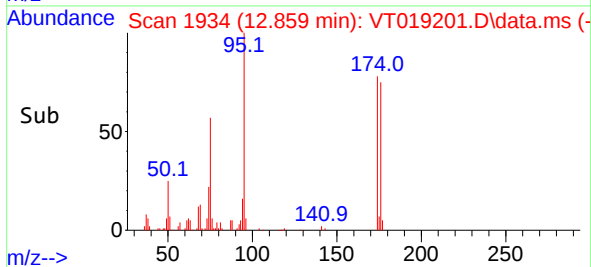
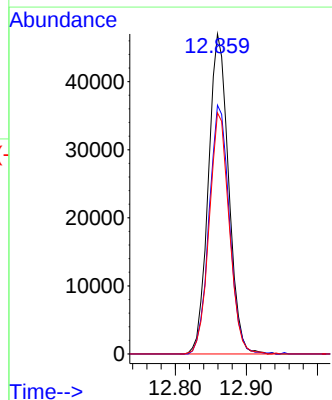
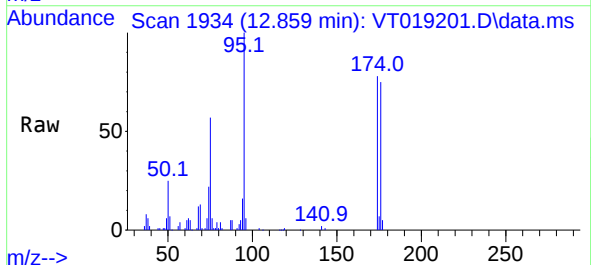
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

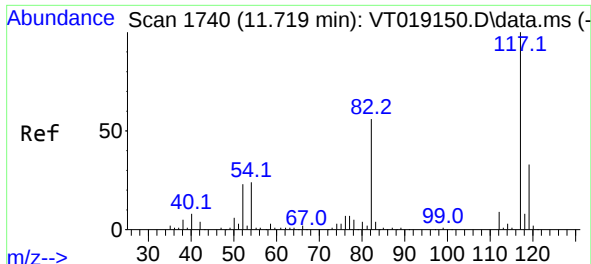
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 37.9 26.1 78.3



#62
4-Bromofluorobenzene
Concen: 46.014 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 95 Resp: 92684
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 74.6 0.0 156.6

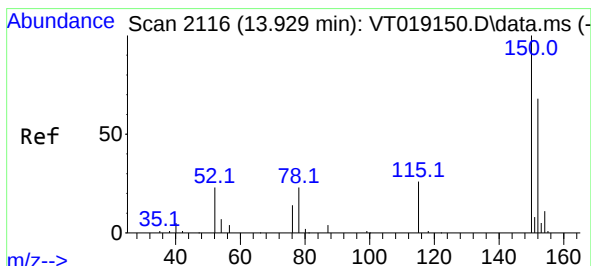
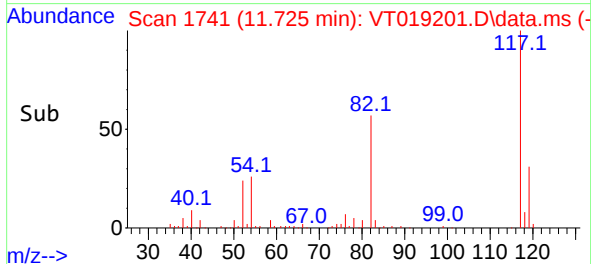
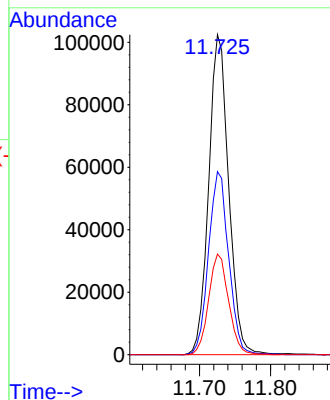
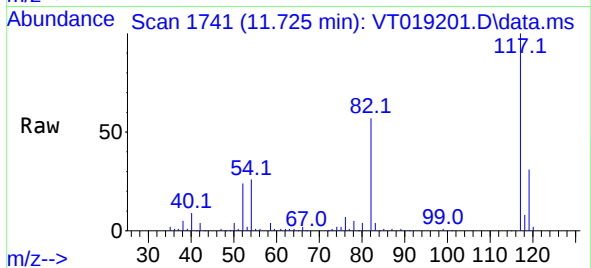




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.725 min Scan# 117
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

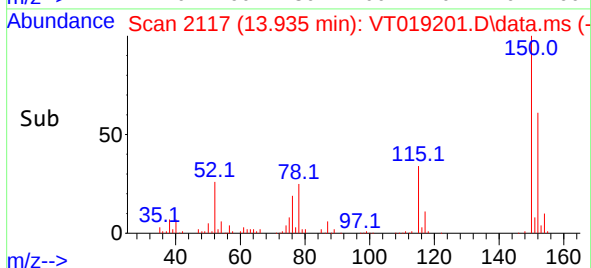
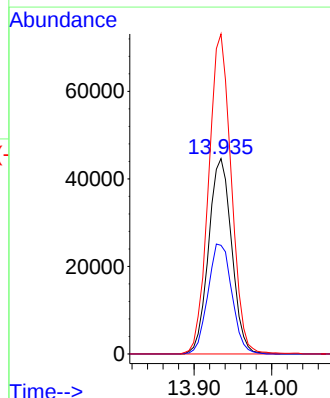
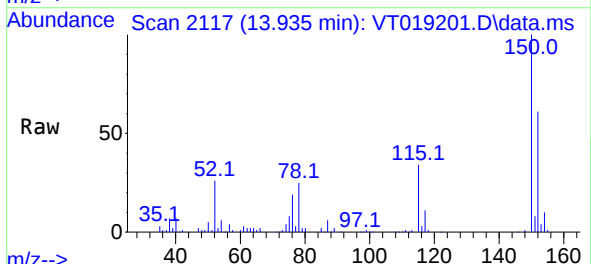
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

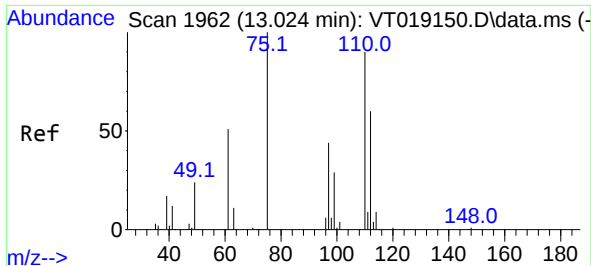
Tgt Ion:117 Resp: 199838
Ion Ratio Lower Upper
117 100
82 57.2 45.1 67.7
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.935 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion:152 Resp: 92312
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.9
150 160.9 0.0 342.6

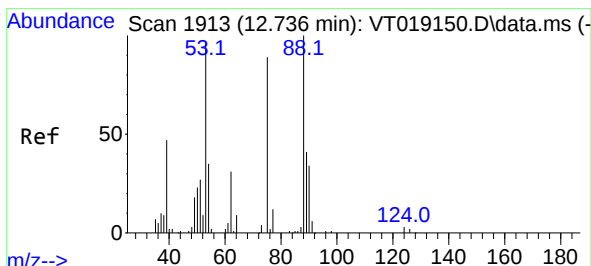
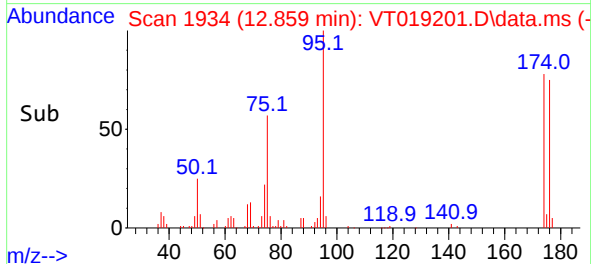
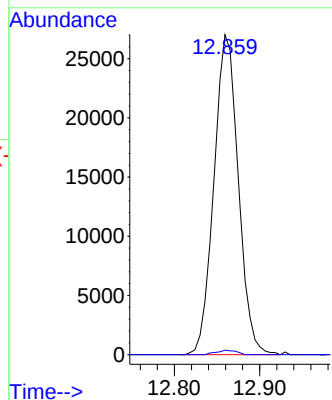
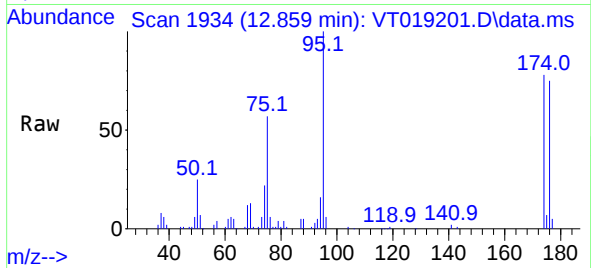




#76
1,2,3-Trichloropropane
Concen: 28.255 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.171 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

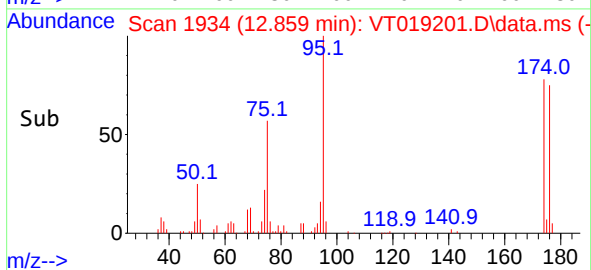
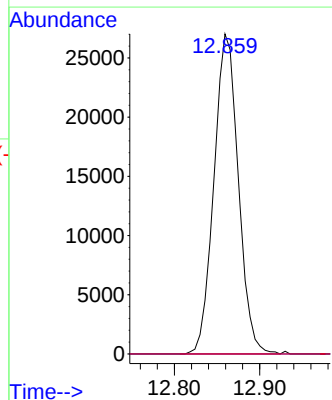
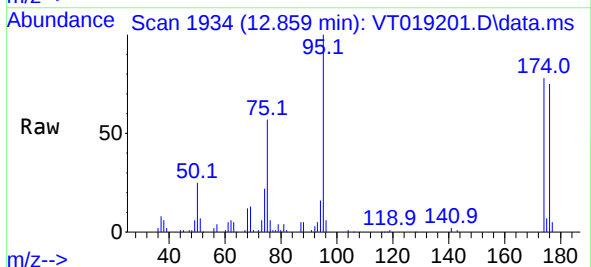
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

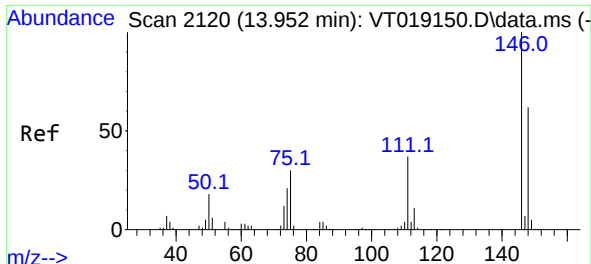
Tgt Ion: 75 Resp: 53674
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.296 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. 0.123 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

Tgt Ion: 75 Resp: 53674
Ion Ratio Lower Upper
75 100
53 0.0 86.0 129.0#
89 0.0 36.3 54.5#

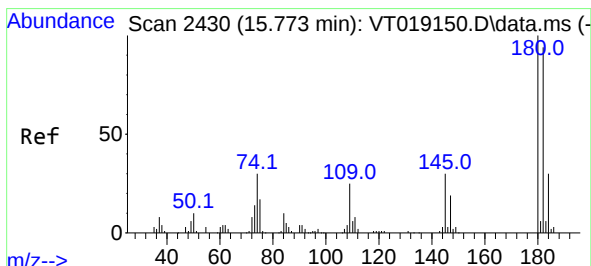
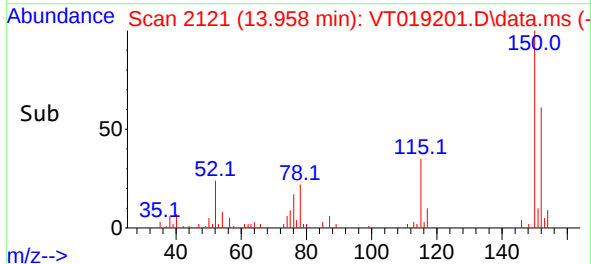
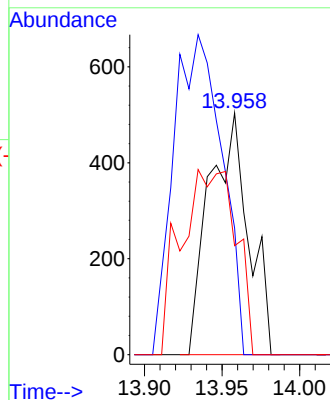
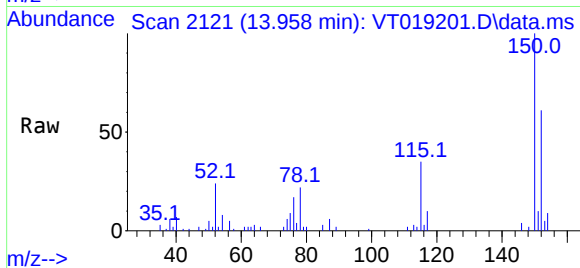




#88
 1,4-Dichlorobenzene
 Concen: 0.319 ug/l
 RT: 13.958 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VT019201.D
 Acq: 29 Oct 2025 14:04

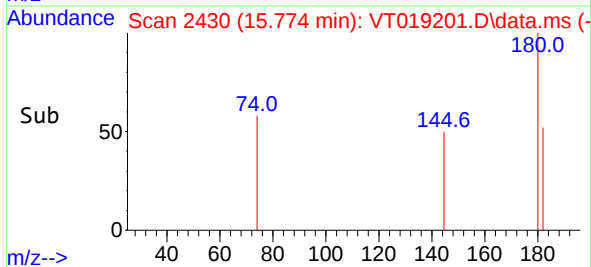
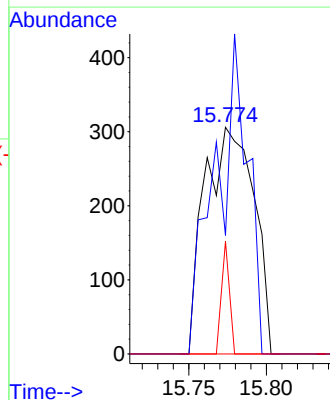
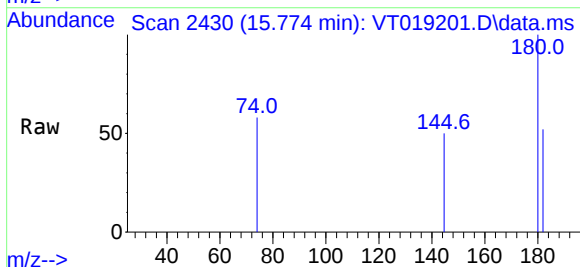
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBL02

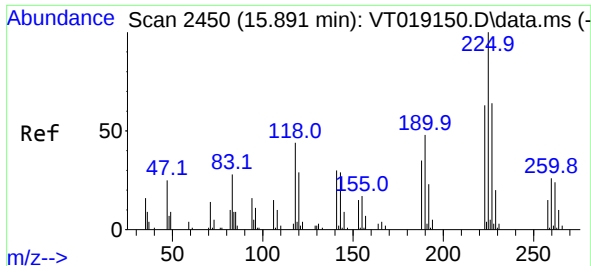
Tgt Ion:146 Resp: 888
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.3 57.8#
 148 0.0 31.8 95.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.387 ug/l
 RT: 15.774 min Scan# 2430
 Delta R.T. 0.001 min
 Lab File: VT019201.D
 Acq: 29 Oct 2025 14:04

Tgt Ion:180 Resp: 675
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.0 141.0
 145 8.0 15.0 45.0#

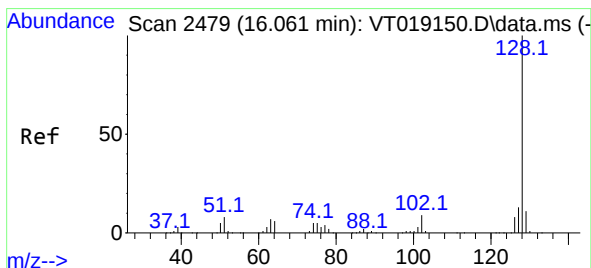
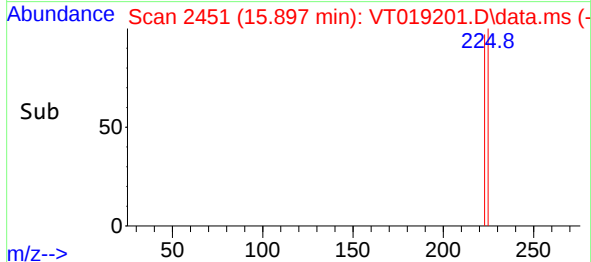
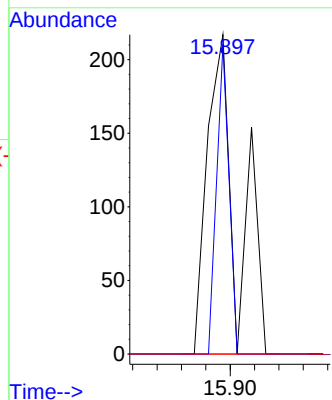
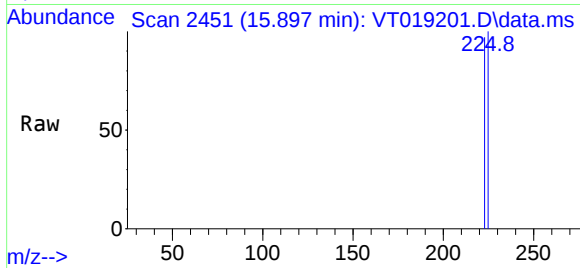




#94
Hexachlorobutadiene
Concen: 0.257 ug/l
RT: 15.897 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

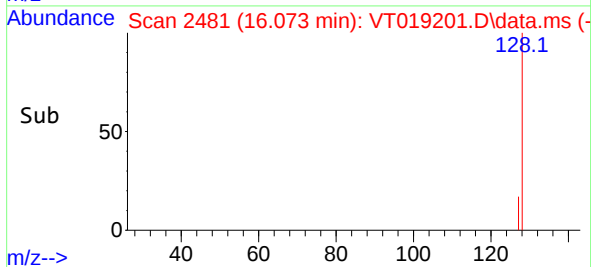
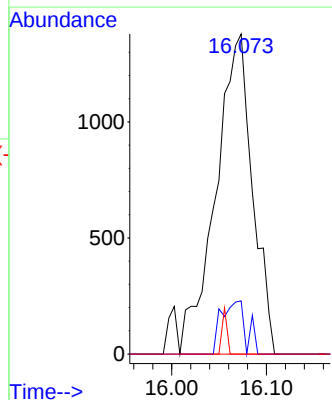
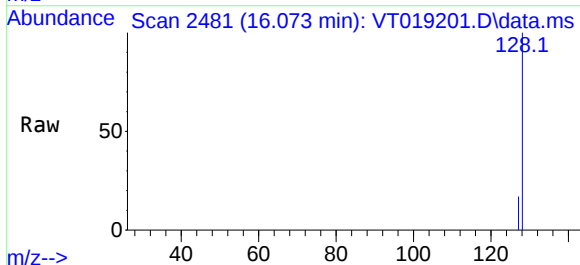
Instrument :
MSVOA_T
ClientSampleId :
VT1029WBL02

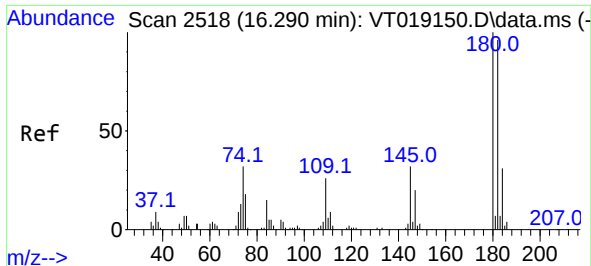
Tgt Ion:	225	Resp:	185
Ion	Ratio	Lower	Upper
225	100		
223	40.0	31.1	93.5
227	0.0	31.9	95.9#



#95
Naphthalene
Concen: 0.609 ug/l
RT: 16.073 min Scan# 2481
Delta R.T. 0.012 min
Lab File: VT019201.D
Acq: 29 Oct 2025 14:04

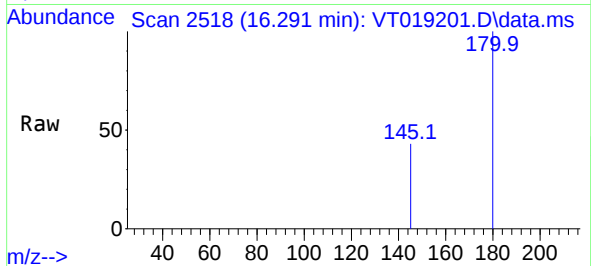
Tgt Ion:	128	Resp:	3717
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.5	15.7
129	1.9	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.466 ug/l
 RT: 16.291 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VT019201.D
 Acq: 29 Oct 2025 14:04

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBL02



Tgt Ion:	180	Resp:	802
Ion	Ratio	Lower	Upper
180	100		
182	28.8	47.6	142.8#
145	6.7	15.8	47.4#

