

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074381.D
 Acq On : 21 Sep 2022 11:06
 Operator : VA/SY
 Sample : VD0921SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:11:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

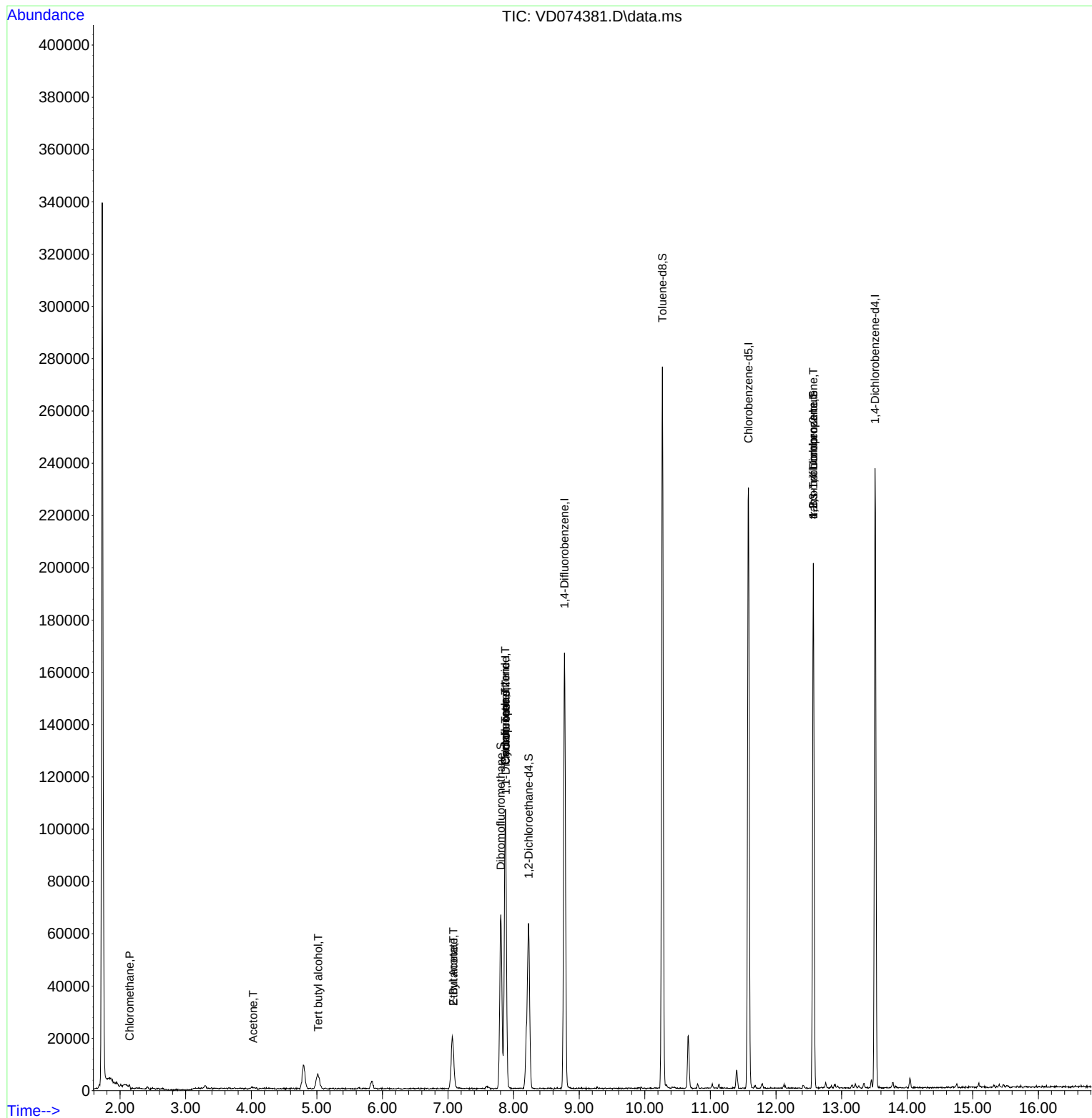
Internal Standards						
1) Pentafluorobenzene	7.875	168	81601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	64240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44982	56.595	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.805	113	47731	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.269	98	189621	56.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.520%
62) 4-Bromofluorobenzene	12.569	95	57310	50.192	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	821	1.148	ug/l #	81
11) Tert butyl alcohol	5.022	59	4186	77.933	ug/l #	74
16) Acetone	4.028	43	1097	6.126	ug/l #	42
20) Methylene Chloride	4.793	84	7506	Below Cal	#	82
25) 2-Butanone	7.081	43	1163	4.361	ug/l #	48
31) Cyclohexane	7.875	56	2252	1.351	ug/l #	49
36) 1,1-Dichloropropene	7.881	75	7080	4.748	ug/l #	48
37) Ethyl Acetate	7.081	43	1163	1.947	ug/l #	19
38) Carbon Tetrachloride	7.875	117	8353	6.321	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	29986	50.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	29986	126.442	ug/l #	100

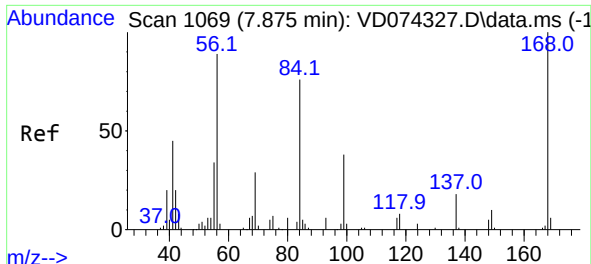
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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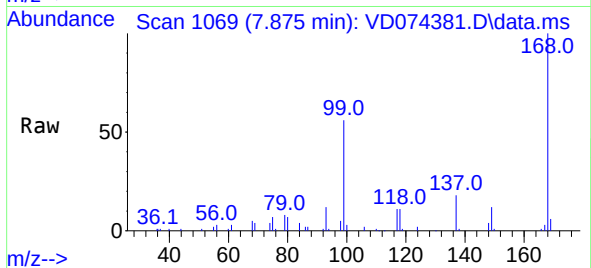
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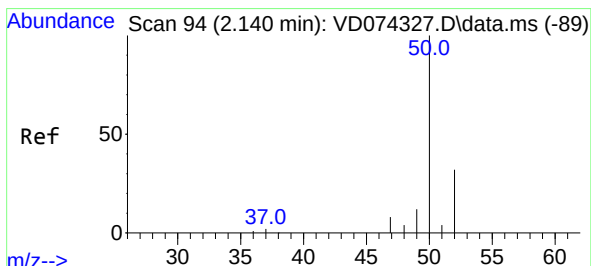
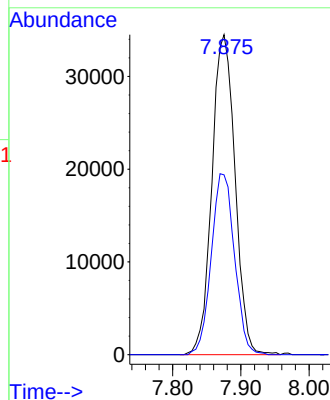
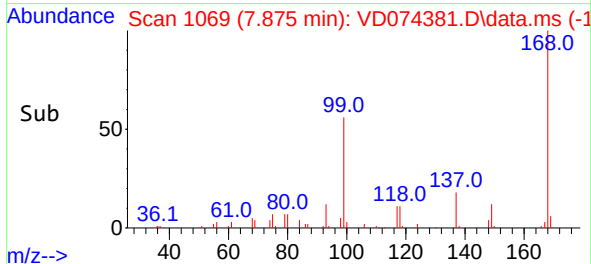


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :

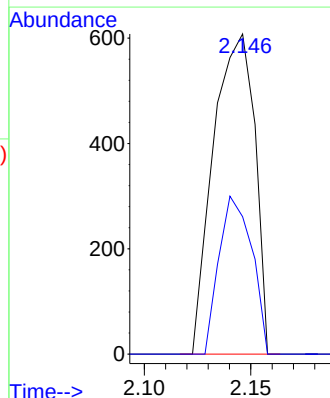
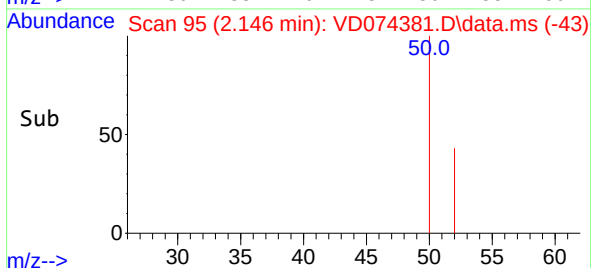
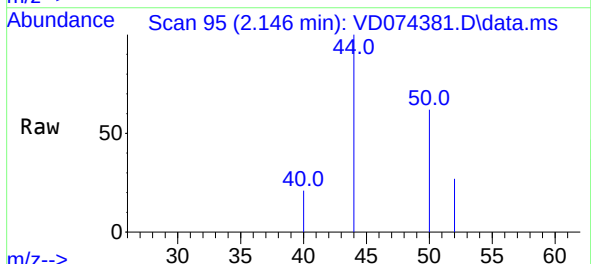


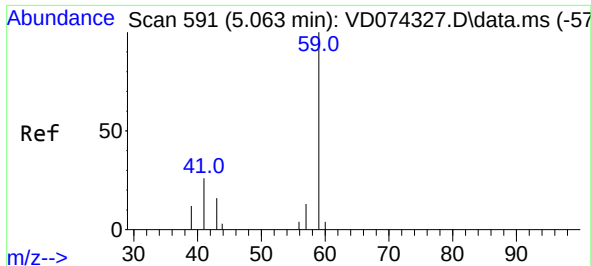
Tgt Ion:168 Resp: 81601
Ion Ratio Lower Upper
168 100
99 56.2 43.0 64.6



#3
Chloromethane
Concen: 1.148 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

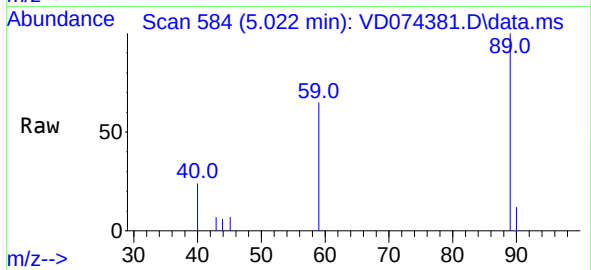
Tgt Ion: 50 Resp: 821
Ion Ratio Lower Upper
50 100
52 42.9 25.8 38.8#



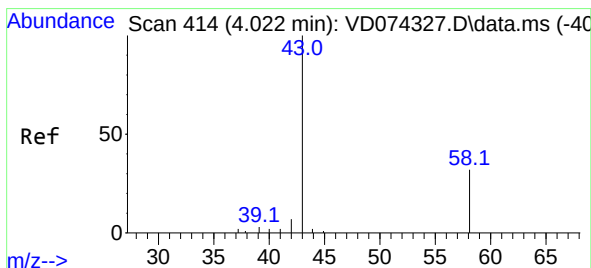
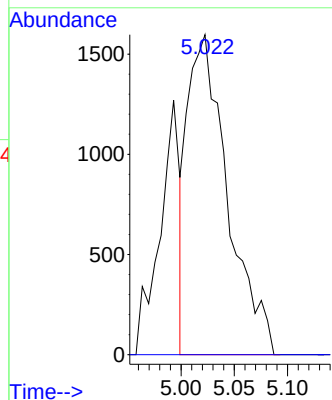
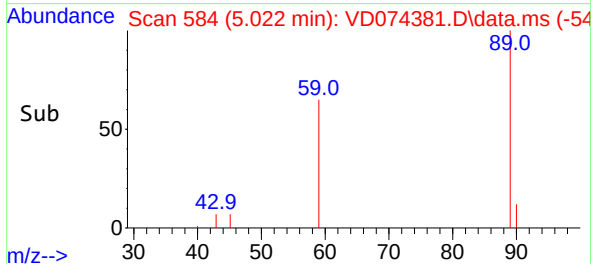


#11
Tert butyl alcohol
Concen: 77.933 ug/l
RT: 5.022 min Scan# 51
Delta R.T. -0.041 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

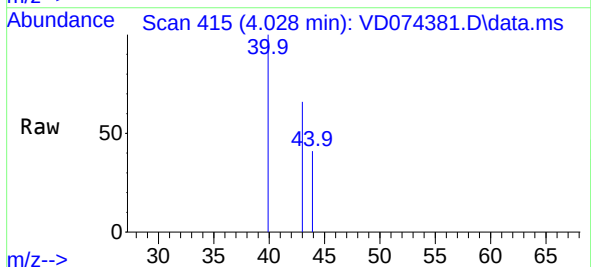
Instrument :
MSVOA_D
ClientSampleId :



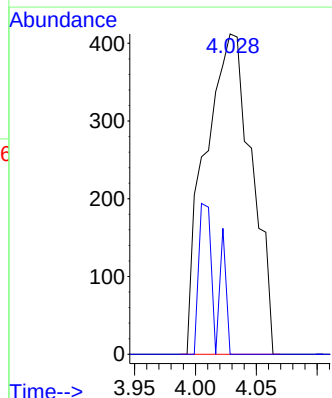
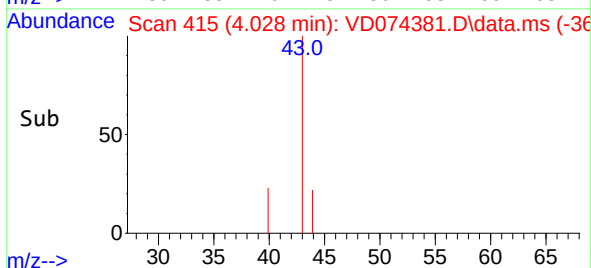
Tgt Ion: 59 Resp: 4186
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

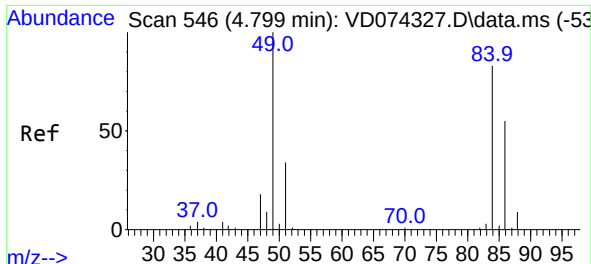


#16
Acetone
Concen: 6.126 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06



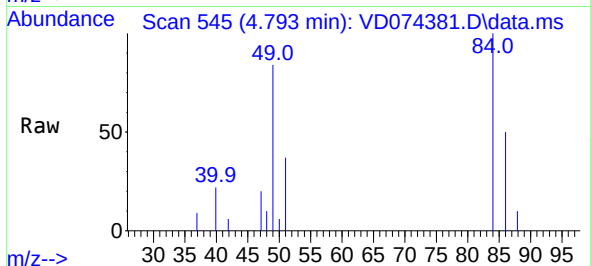
Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



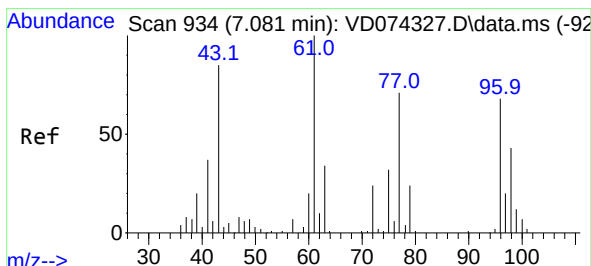
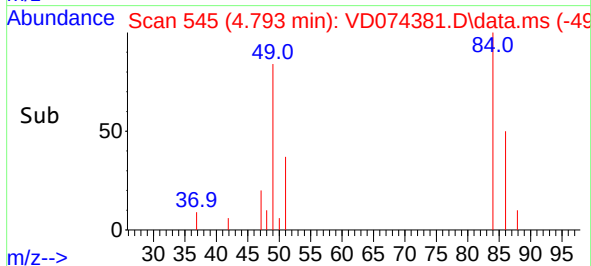
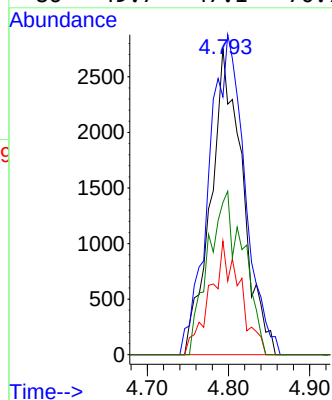


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :

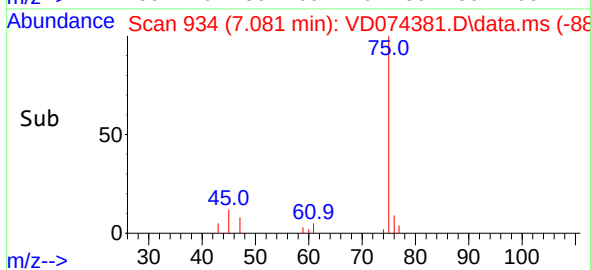
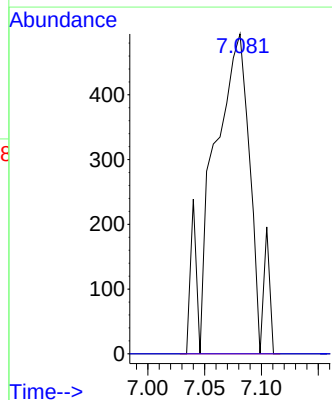
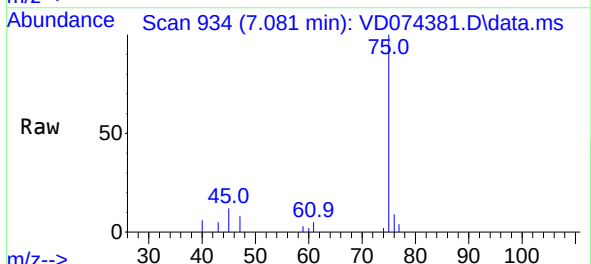


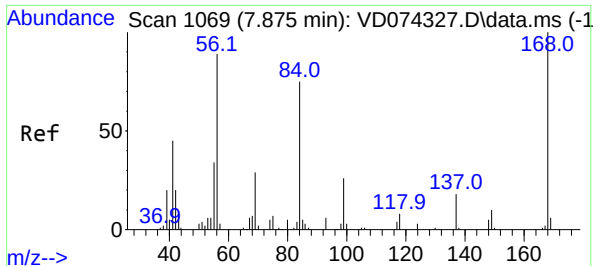
Tgt Ion:	84	Resp:	7506
Ion	Ratio	Lower	Upper
84	100		
49	84.1	88.4	132.6#
51	37.1	28.0	42.0
86	49.7	47.1	70.7



#25
2-Butanone
Concen: 4.361 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

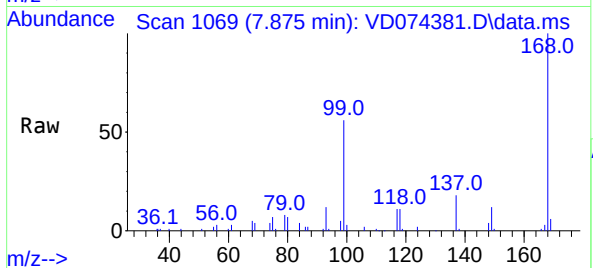
Tgt Ion:	43	Resp:	1163
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#



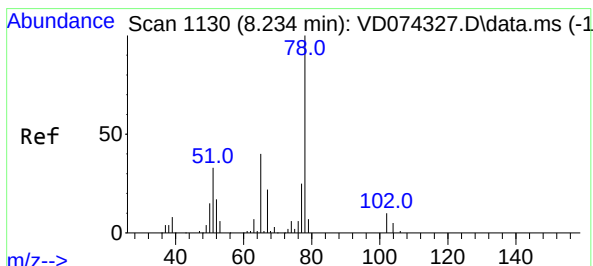
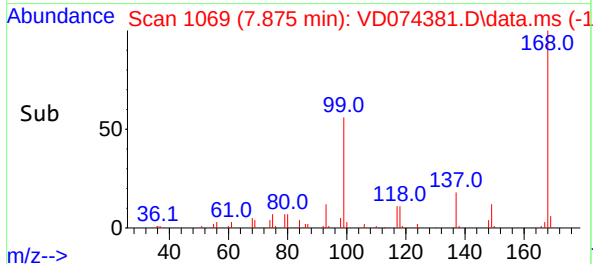
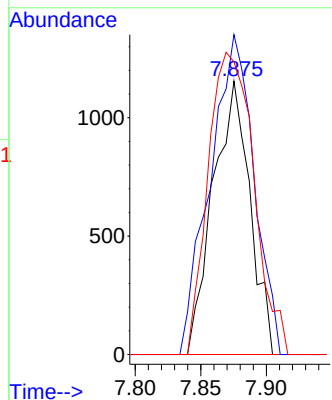


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :

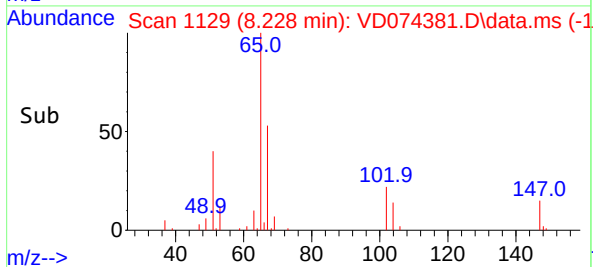
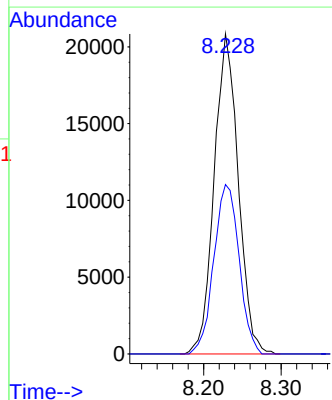
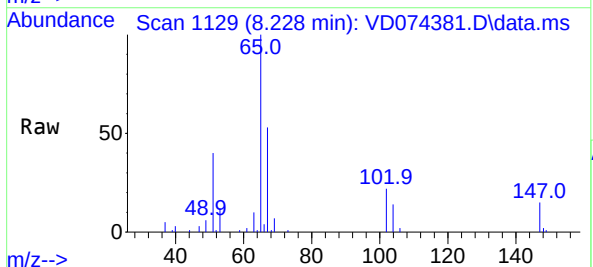


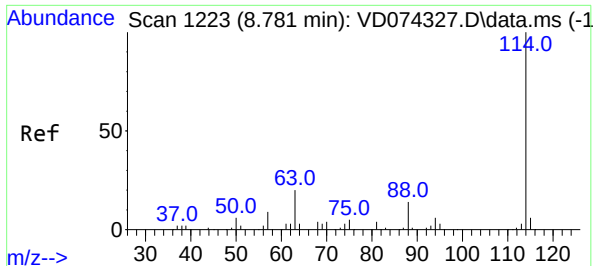
Tgt Ion: 56 Resp: 2252
Ion Ratio Lower Upper
56 100
69 117.0 25.7 38.5#
84 107.0 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 56.595 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Tgt Ion: 65 Resp: 44982
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.6

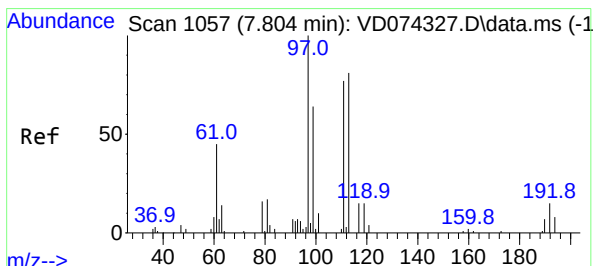
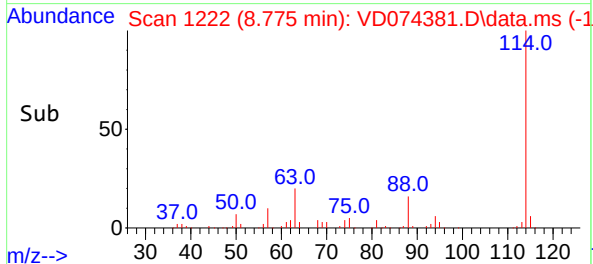
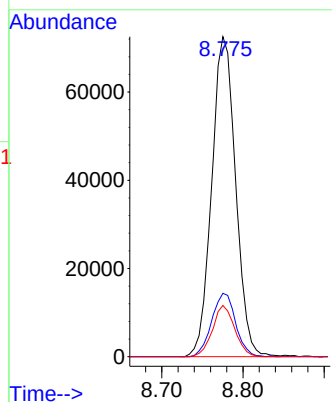
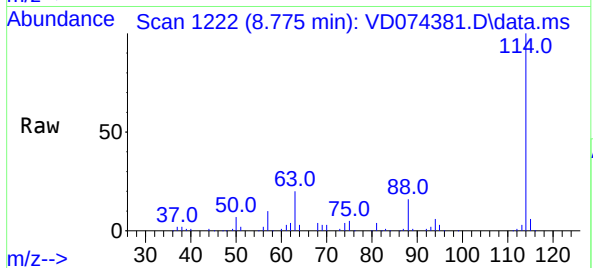




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

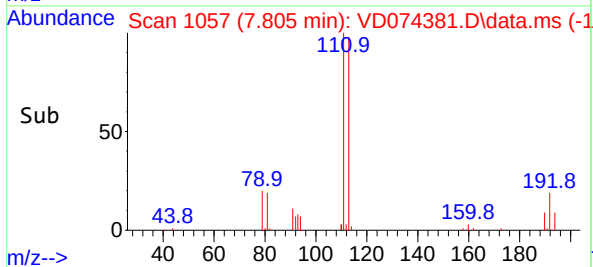
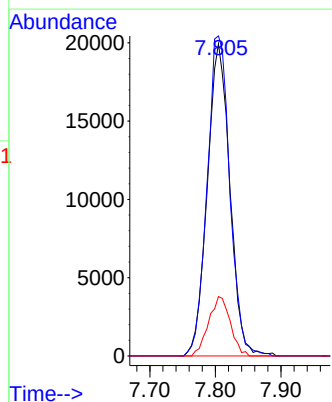
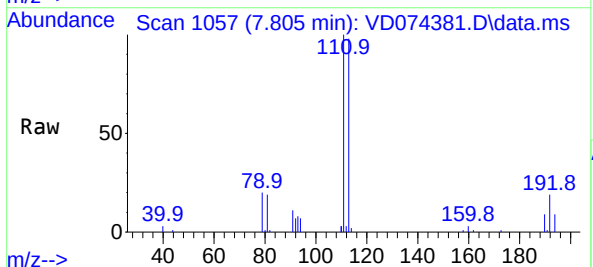
Instrument :
MSVOA_D
ClientSampleId :

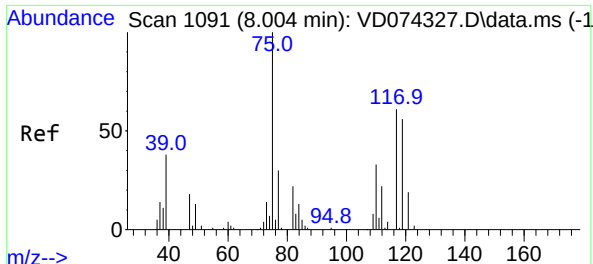
Tgt Ion:114 Resp: 148322
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.6
88 16.0 0.0 28.4



#35
Dibromofluoromethane
Concen: 48.862 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

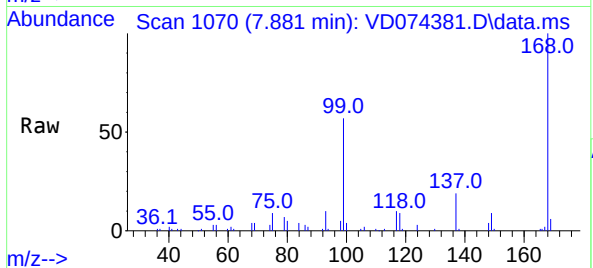
Tgt Ion:113 Resp: 47731
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 18.3 16.2 24.2



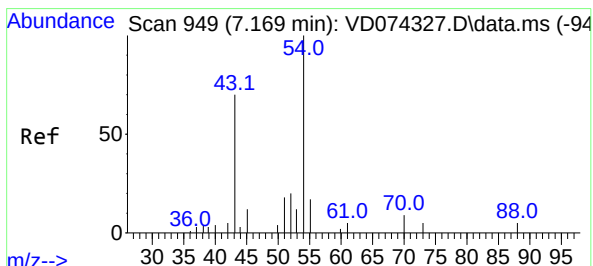
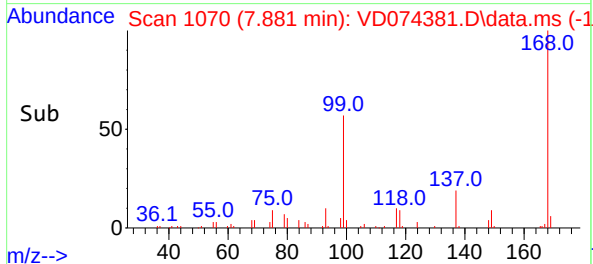
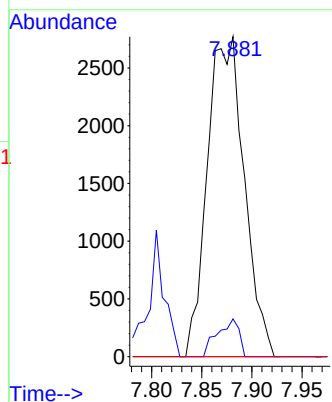


#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.123 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :

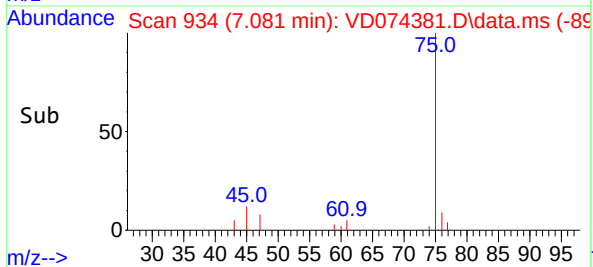
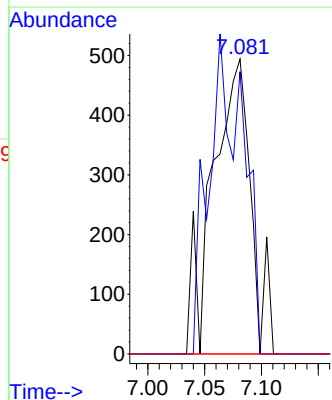
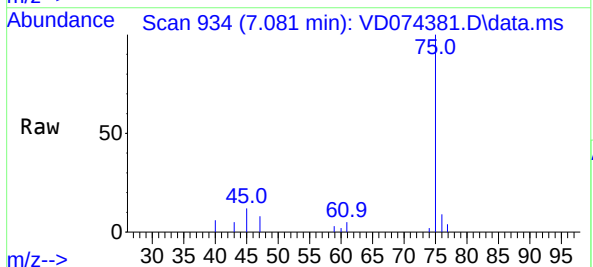


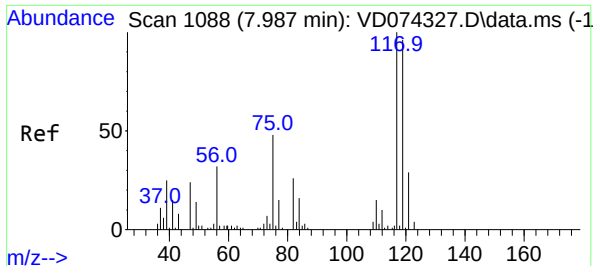
Tgt Ion: 75 Resp: 7080
Ion Ratio Lower Upper
75 100
110 6.9 17.5 52.5#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.947 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

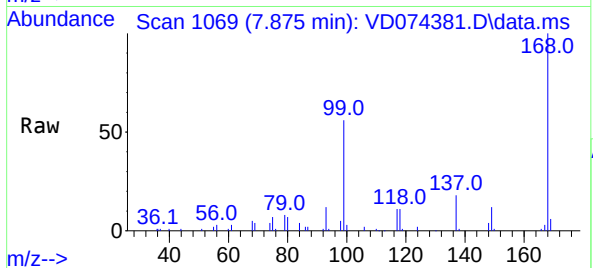
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
61 64.1 12.1 18.1#
70 0.0 8.5 12.7#



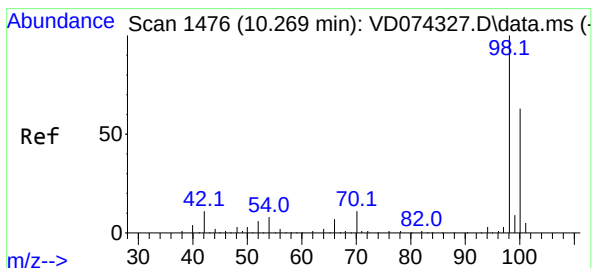
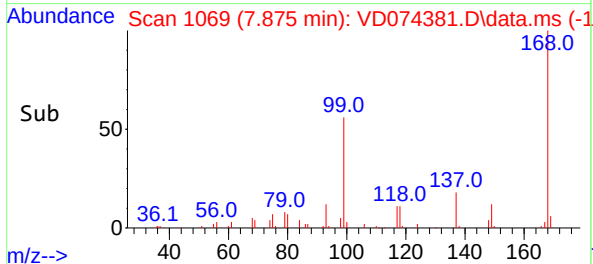
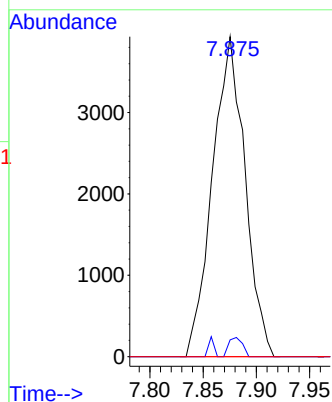


#38
Carbon Tetrachloride
Concen: 6.321 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :

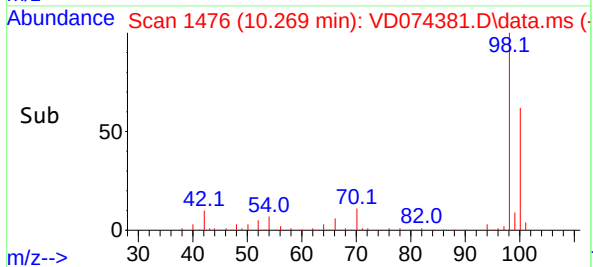
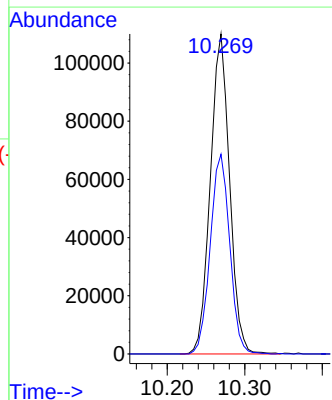
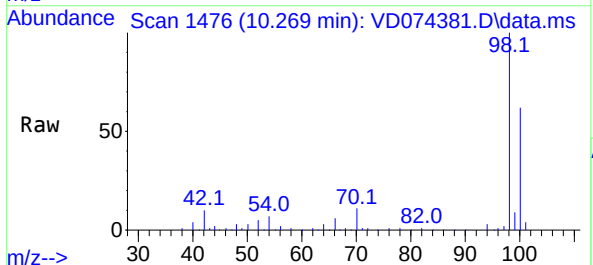


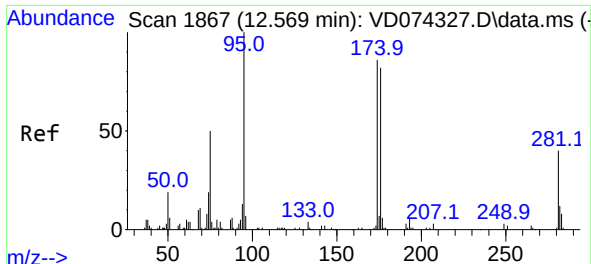
Tgt Ion:117 Resp: 8353
Ion Ratio Lower Upper
117 100
119 5.2 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 56.257 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Tgt Ion: 98 Resp: 189621
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8

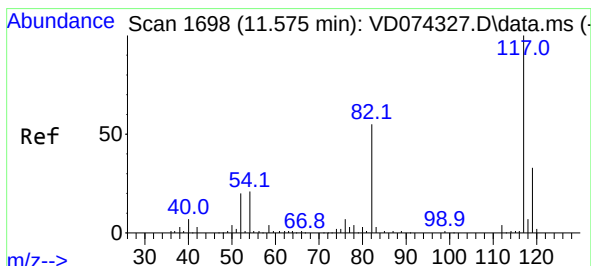
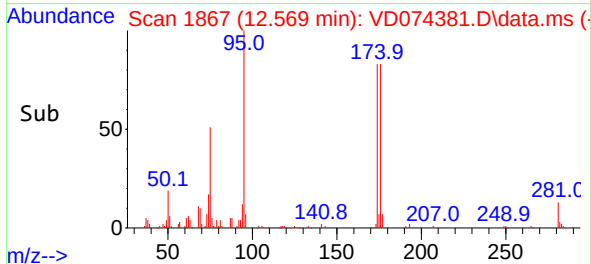
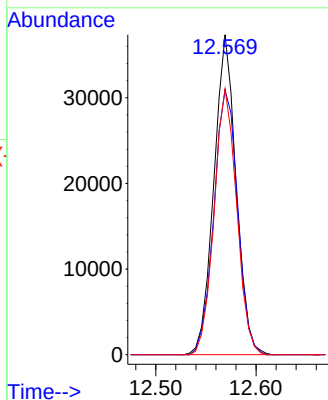
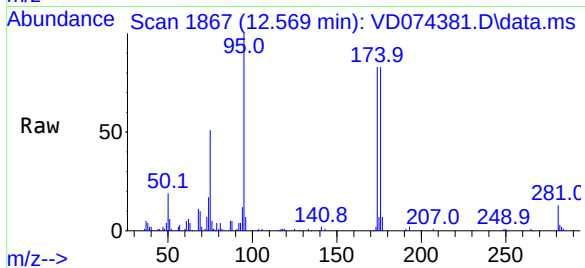




#62
4-Bromofluorobenzene
Concen: 50.192 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

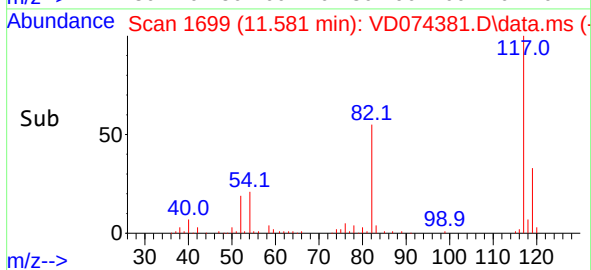
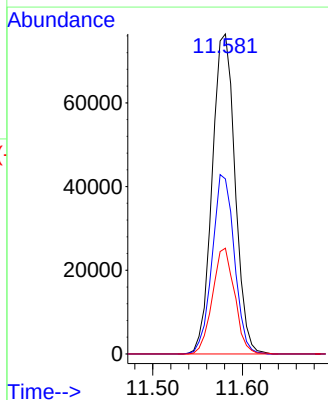
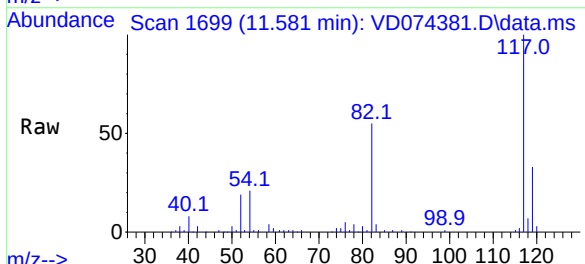
Instrument :
MSVOA_D
ClientSampleId :

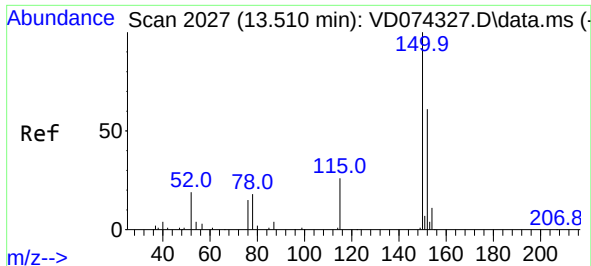
Tgt Ion:	95	Resp:	57310
Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	179.2
176	84.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

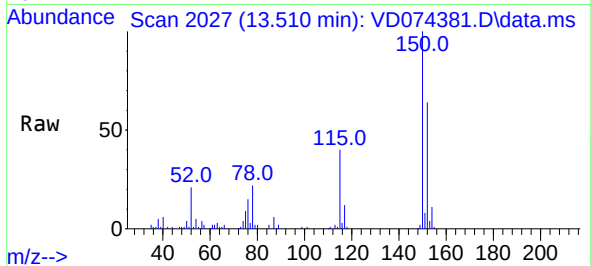
Tgt Ion:	117	Resp:	135160
Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.2	66.2
119	33.1	25.4	38.0



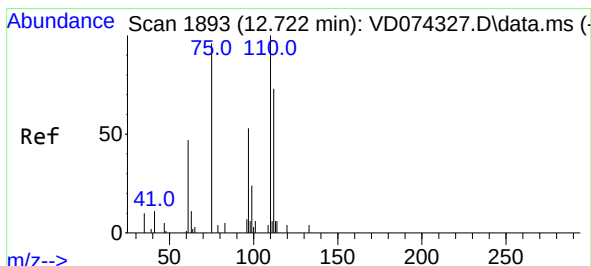
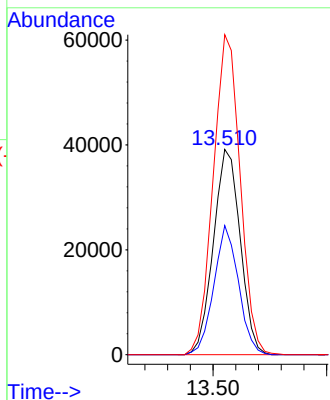
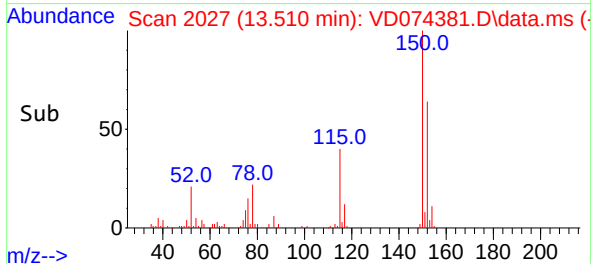


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074381.D
 Acq: 21 Sep 2022 11:06

Instrument :
 MSVOA_D
 ClientSampleId :

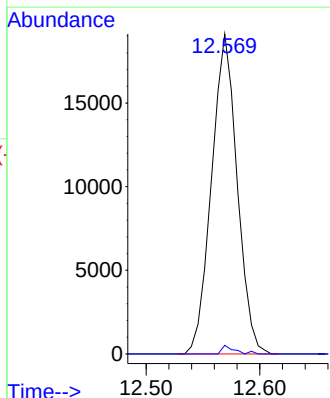
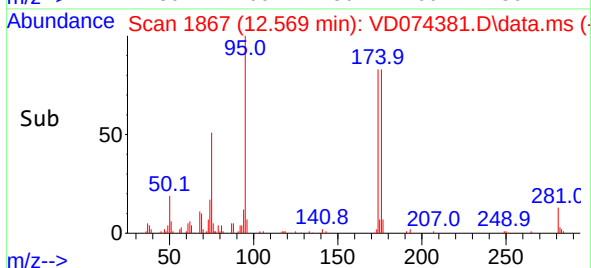
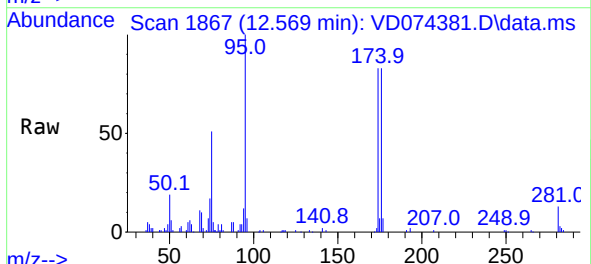


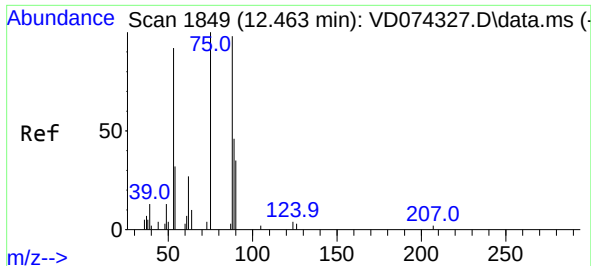
Tgt Ion:152 Resp: 64240
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.4 85.2
 150 156.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 50.451 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074381.D
 Acq: 21 Sep 2022 11:06

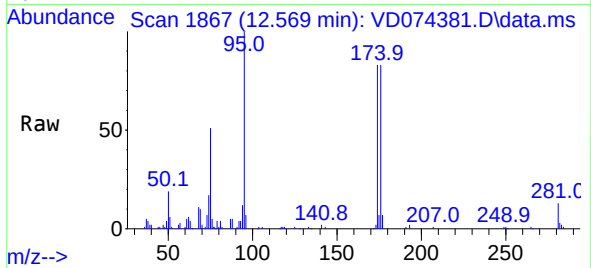
Tgt Ion: 75 Resp: 29986
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.442 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074381.D
Acq: 21 Sep 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	29986
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

