

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074819.D
 Acq On : 09 Nov 2022 10:42
 Operator : VA/SY
 Sample : VD1109SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL01

Quant Time: Nov 09 14:03:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

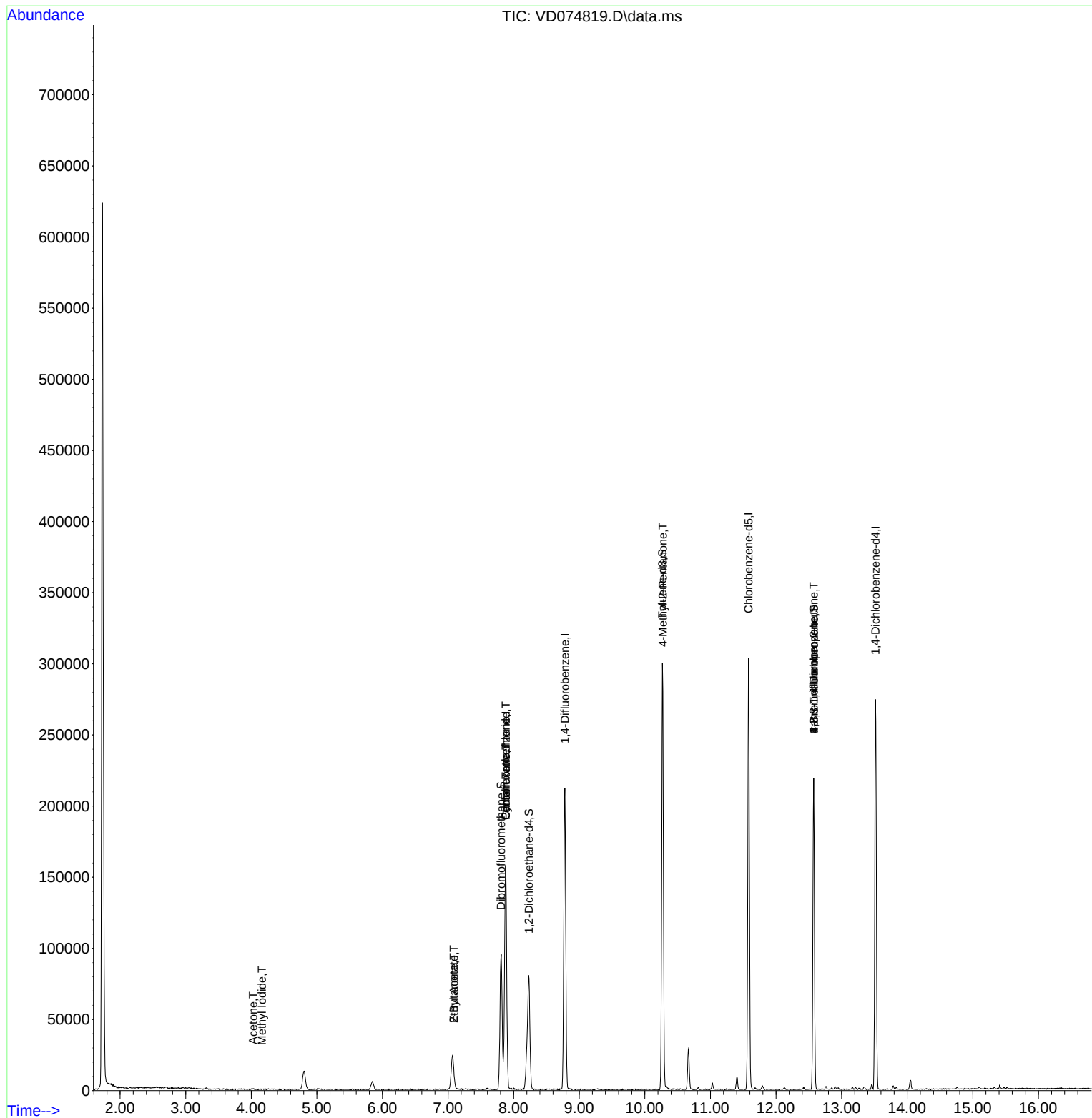
Internal Standards						
1) Pentafluorobenzene	7.881	168	130494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	207837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	183760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57253	55.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.810	113	71311	58.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.000%	
50) Toluene-d8	10.269	98	217219	48.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.575	95	63445	48.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	60	5.586	ug/l #	43
11) Tert butyl alcohol	5.016	59	55	Below Cal	#	84
16) Acetone	4.028	43	663	3.074	ug/l #	37
20) Methylene Chloride	4.804	84	11343	Below Cal		92
25) 2-Butanone	7.087	43	1110	3.743	ug/l #	42
31) Cyclohexane	7.881	56	2805	1.340	ug/l #	27
37) Ethyl Acetate	7.087	43	1110	1.783	ug/l #	66
38) Carbon Tetrachloride	7.881	117	12483	7.060	ug/l #	20
51) 4-Methyl-2-Pentanone	10.275	43	698	1.243	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	30379	48.459	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	30379	115.030	ug/l #	17

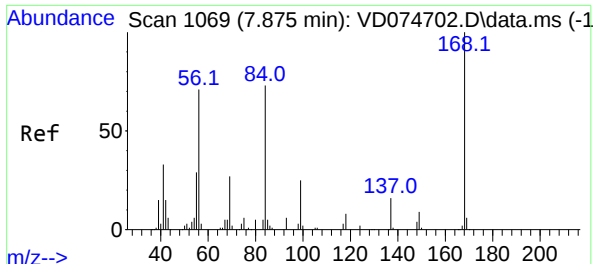
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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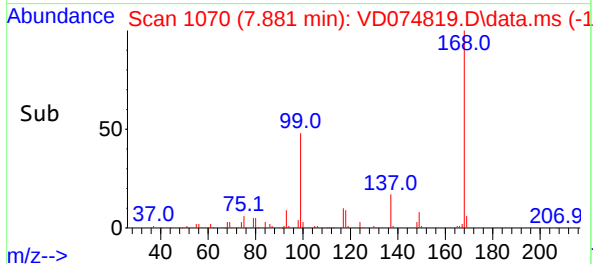
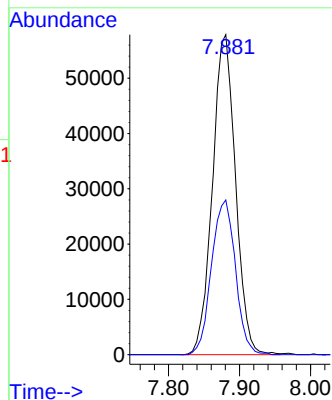
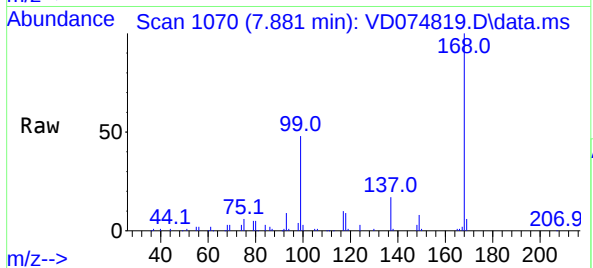




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

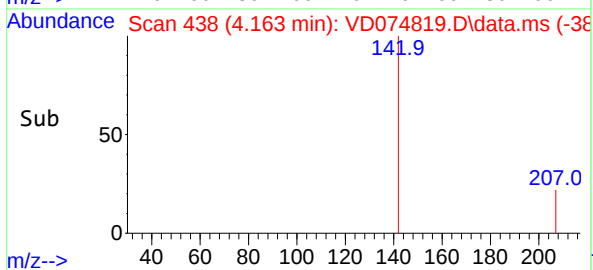
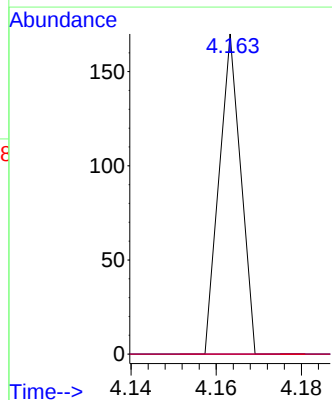
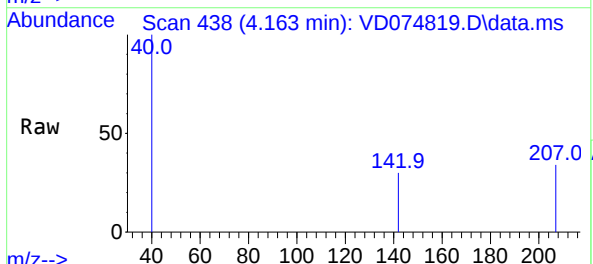
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tgt Ion:168 Resp: 130494
Ion Ratio Lower Upper
168 100
99 48.4 40.9 61.3



#10
Methyl Iodide
Concen: 5.586 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.016 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD074819.D

Acq: 09 Nov 2022 10:42

Instrument :

MSVOA_D

ClientSampleId :

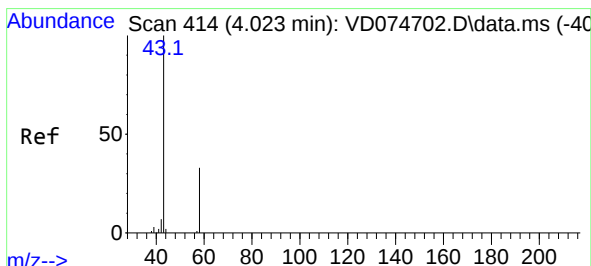
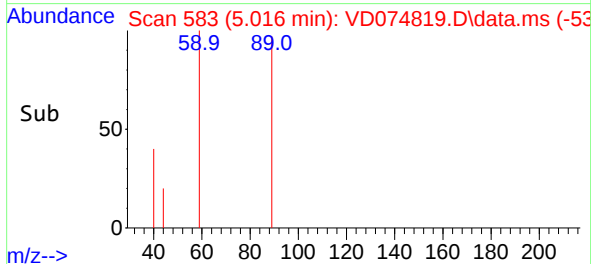
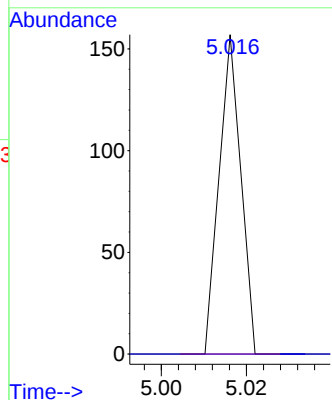
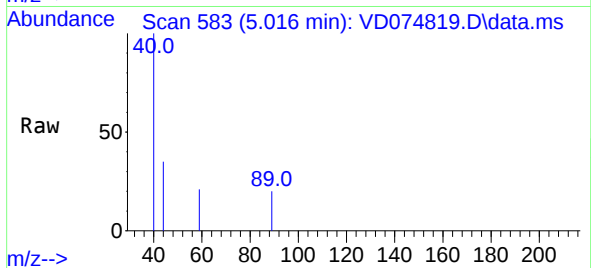
VD1109SBL01

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 3.074 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074819.D

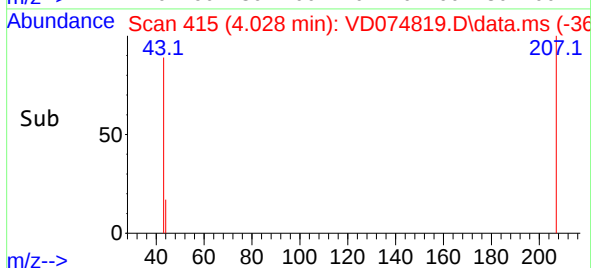
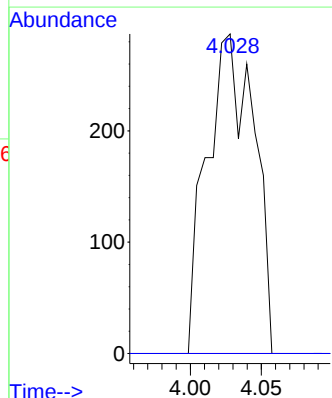
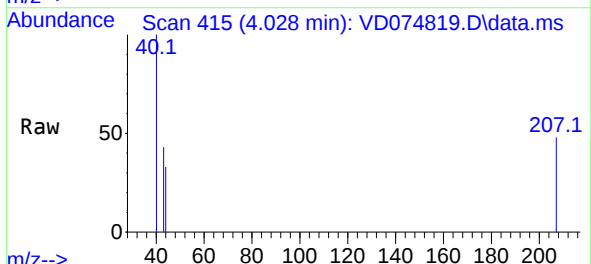
Acq: 09 Nov 2022 10:42

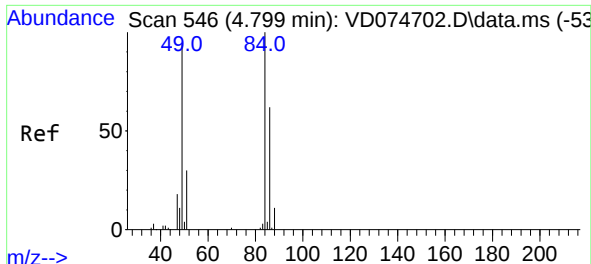
Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



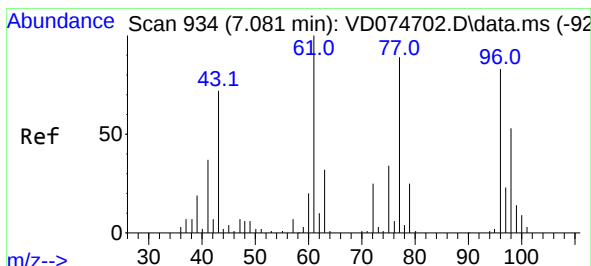
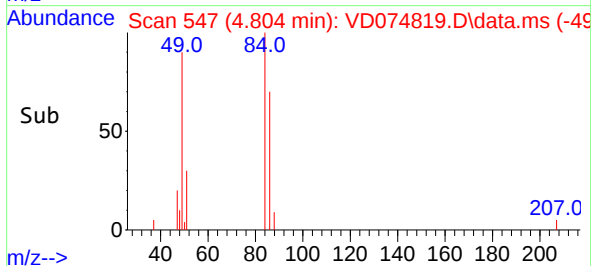
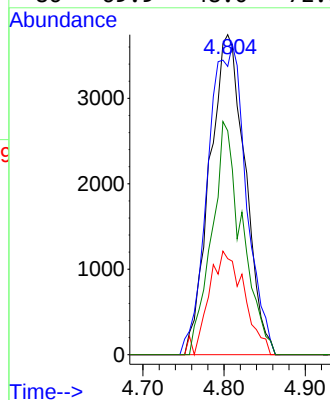
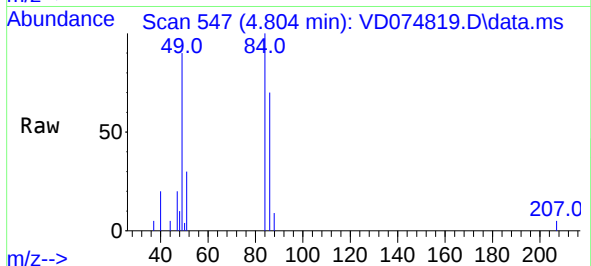


#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

Tgt Ion: 84 Resp: 11343

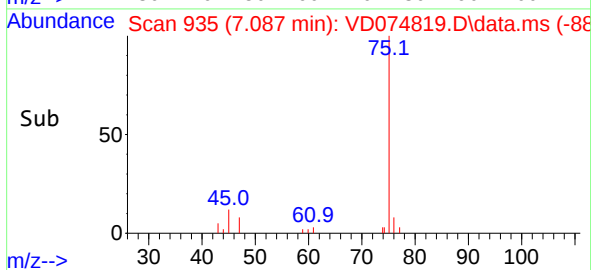
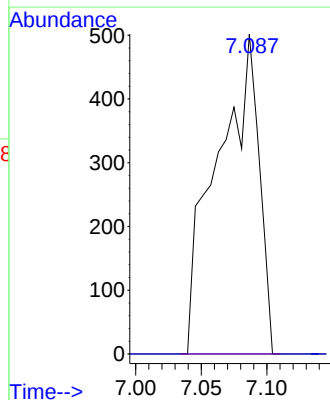
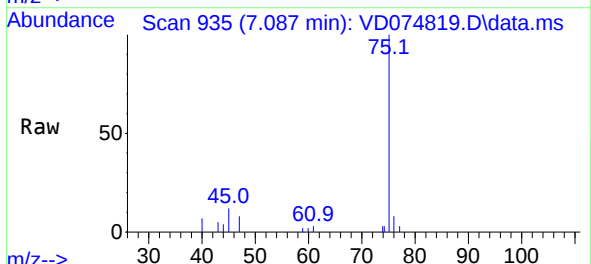
Ion	Ratio	Lower	Upper
84	100		
49	90.1	68.0	102.0
51	30.0	23.2	34.8
86	69.9	48.0	72.0

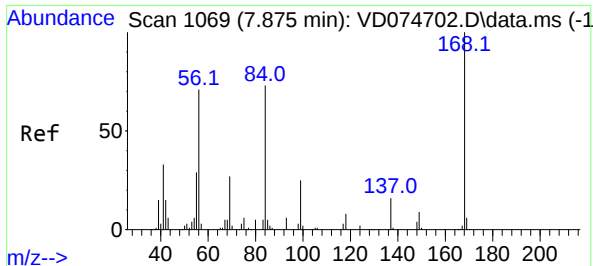


#25
2-Butanone
Concen: 3.743 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion: 43 Resp: 1110

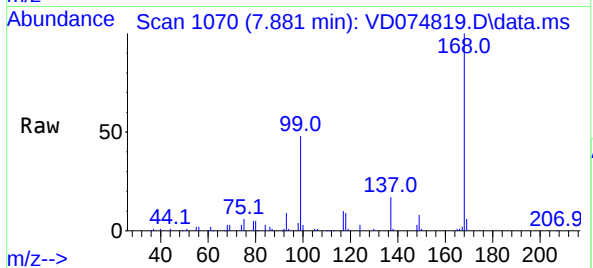
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



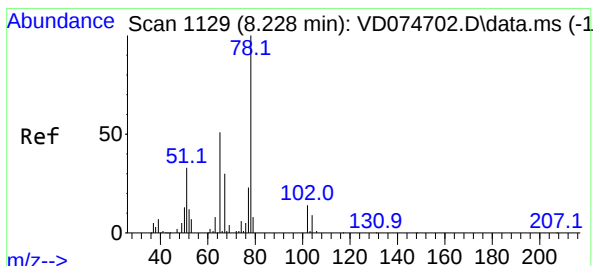
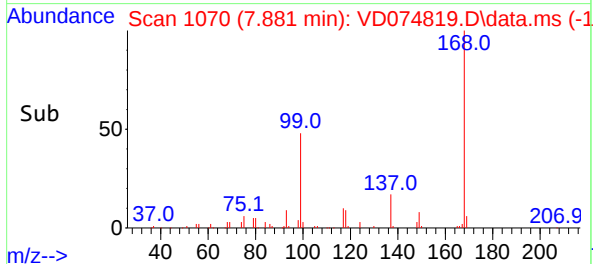
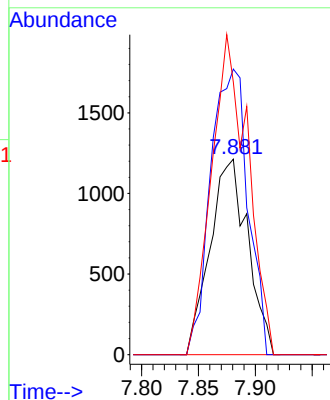


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

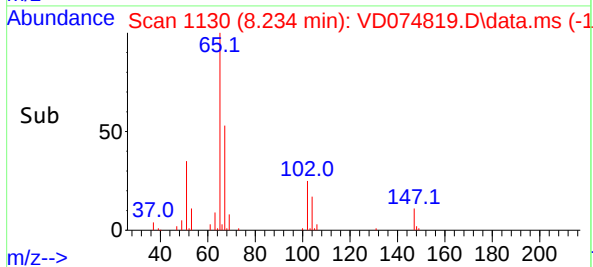
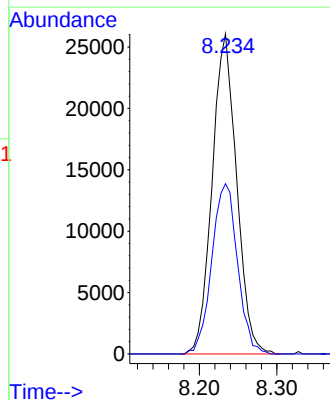
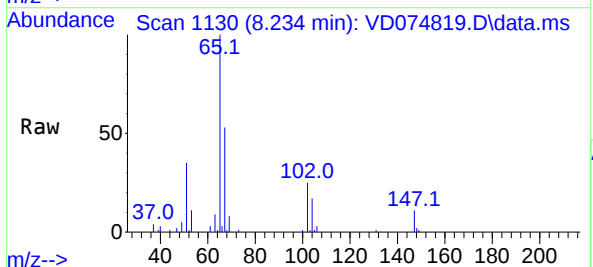


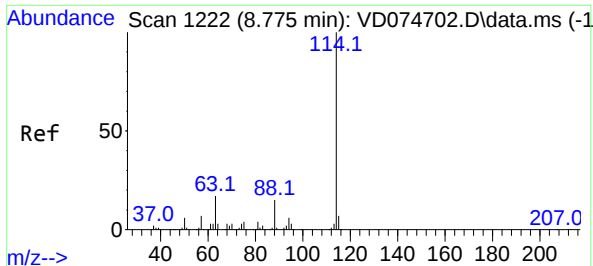
Tgt Ion: 56 Resp: 2805
Ion Ratio Lower Upper
56 100
69 146.1 29.2 43.8#
84 139.4 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 55.395 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion: 65 Resp: 57253
Ion Ratio Lower Upper
65 100
67 55.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074819.D

Acq: 09 Nov 2022 10:42

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL01

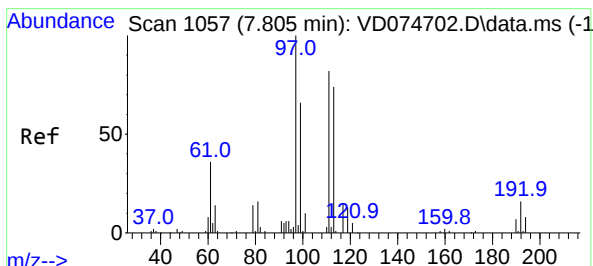
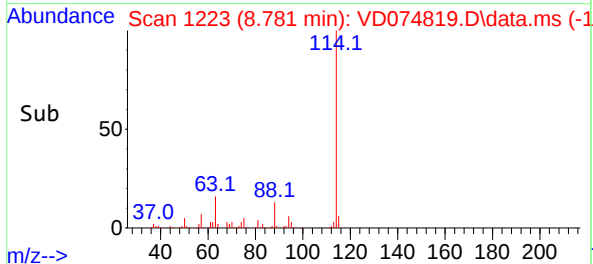
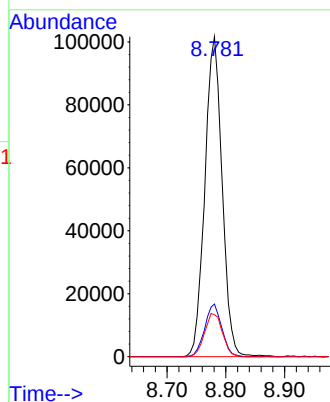
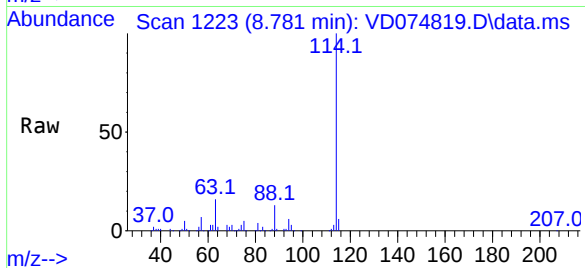
Tgt Ion:114 Resp: 207837

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.003 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074819.D

Acq: 09 Nov 2022 10:42

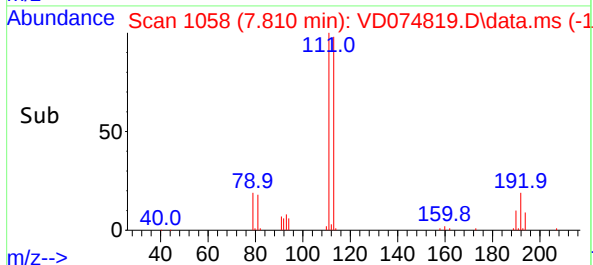
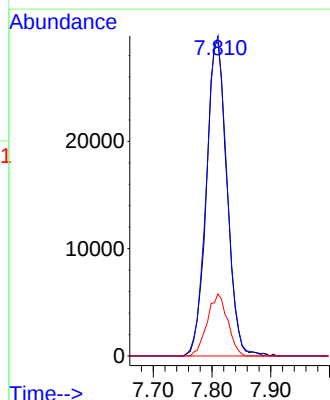
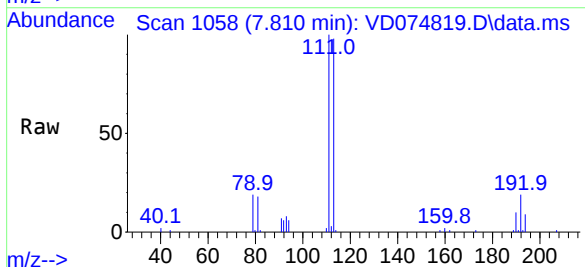
Tgt Ion:113 Resp: 71311

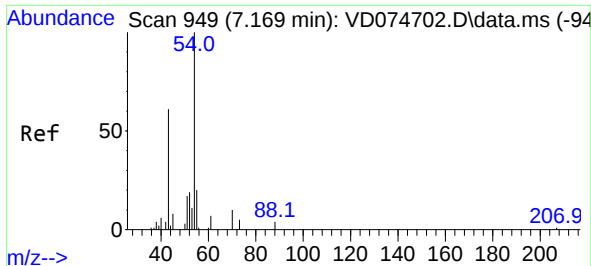
Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

192 19.5 16.4 24.6





#37

Ethyl Acetate

Concen: 1.783 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD074819.D

Acq: 09 Nov 2022 10:42

Instrument :

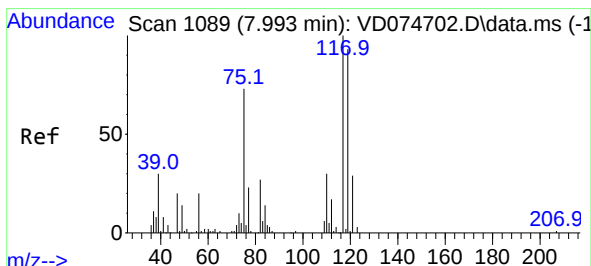
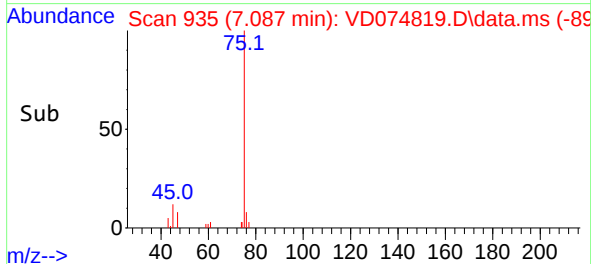
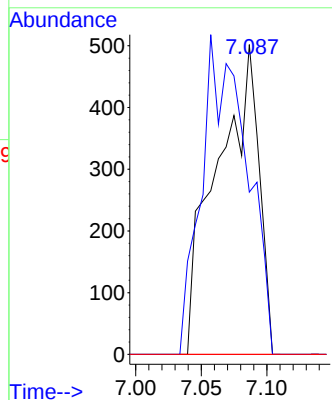
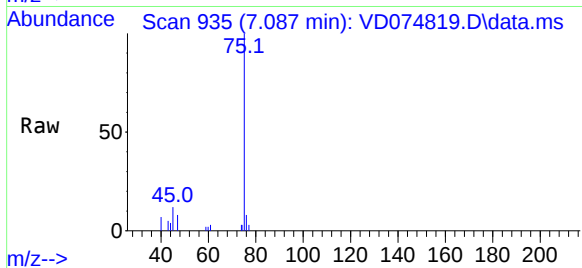
MSVOA_D

ClientSampleId :

VD1109SBL01

Tgt Ion: 43 Resp: 1110

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	9.6	14.4#



#38

Carbon Tetrachloride

Concen: 7.060 ug/l

RT: 7.881 min Scan# 1070

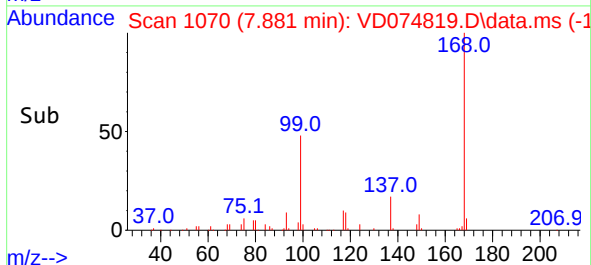
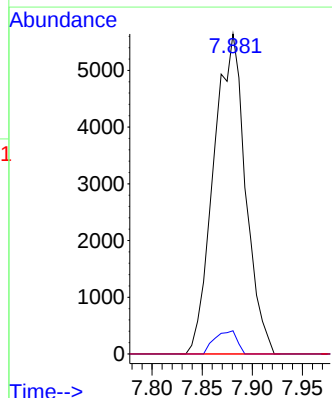
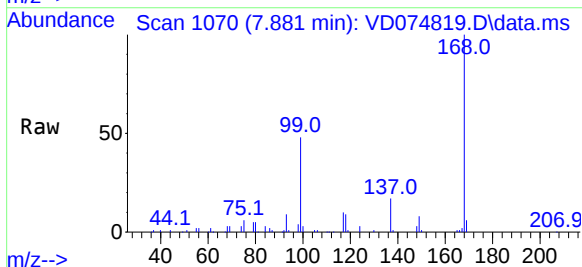
Delta R.T. -0.112 min

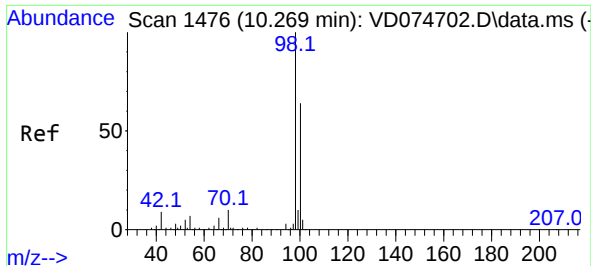
Lab File: VD074819.D

Acq: 09 Nov 2022 10:42

Tgt Ion: 117 Resp: 12483

Ion	Ratio	Lower	Upper
117	100		
119	7.2	73.1	109.7#
121	0.0	25.0	37.6#

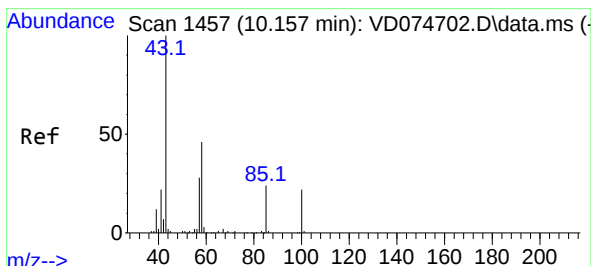
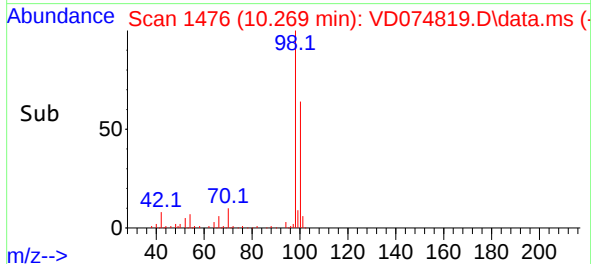
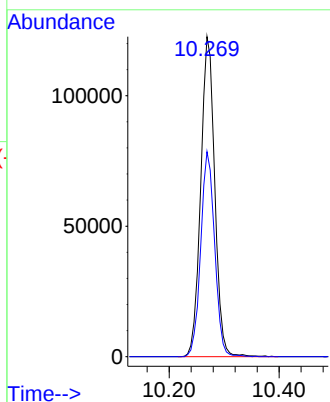
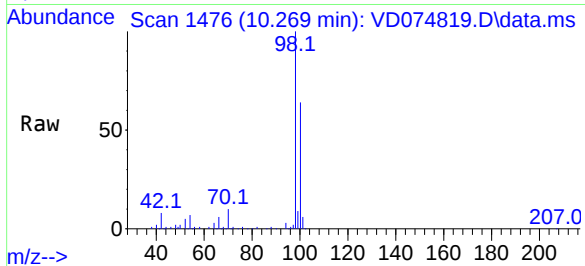




#50
Toluene-d8
Concen: 48.436 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

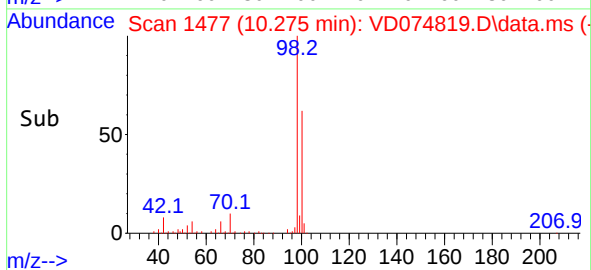
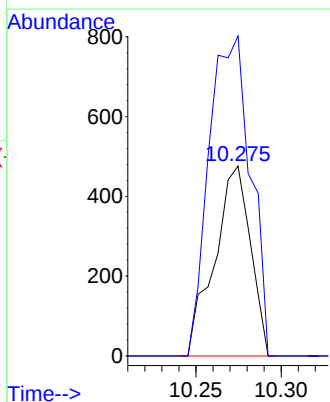
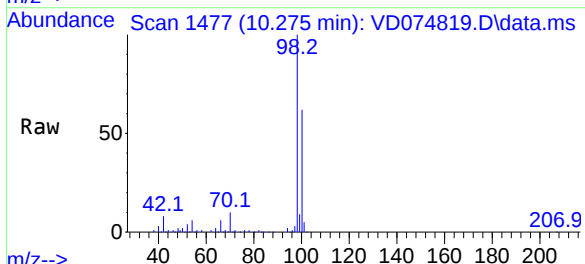
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

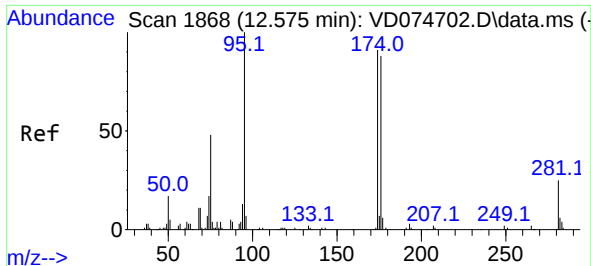
Tgt Ion: 98 Resp: 217219
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.243 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
58 194.1 37.8 56.6#

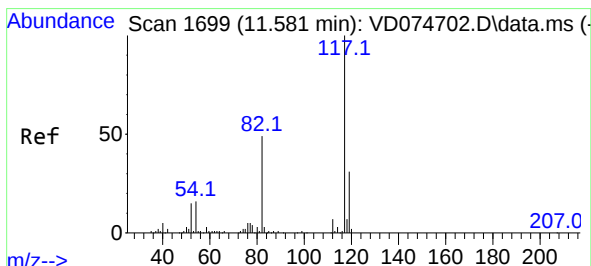
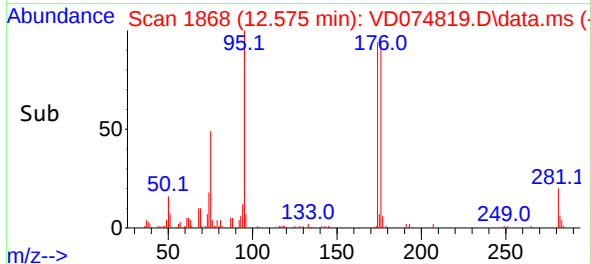
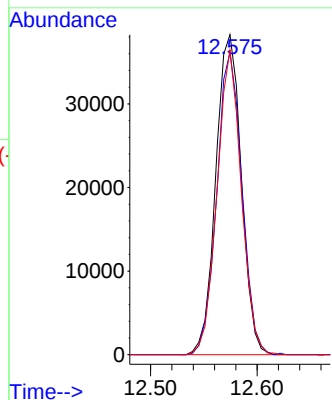
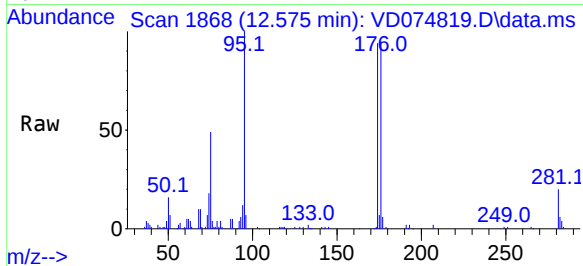




#62
4-Bromofluorobenzene
Concen: 48.998 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

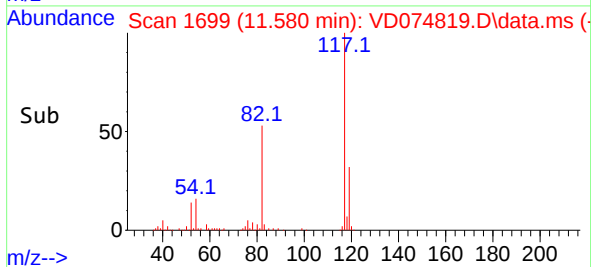
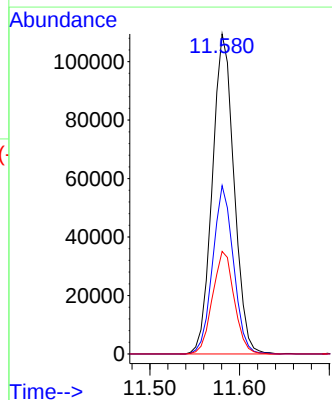
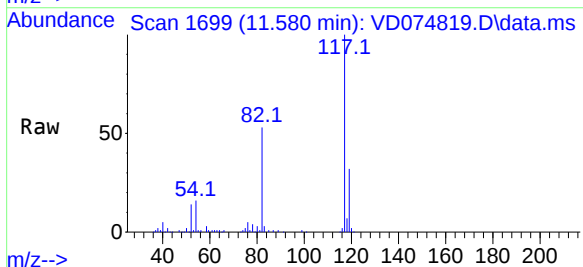
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

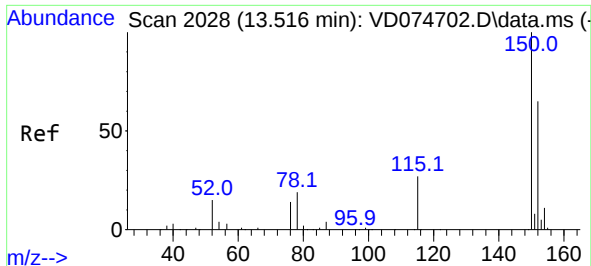
Tgt Ion:	95	Resp:	63445
Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	197.0
176	90.4	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

Tgt Ion:	117	Resp:	183760
Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	32.0	25.2	37.8

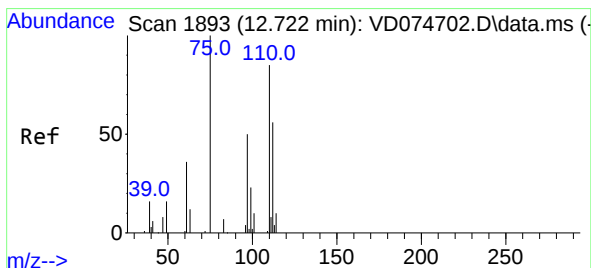
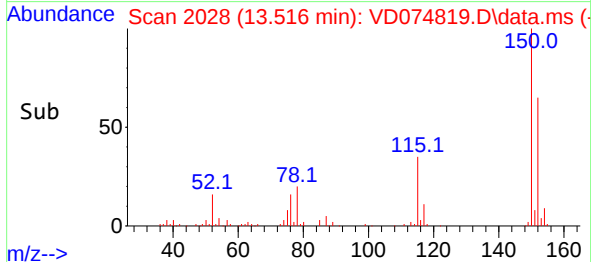
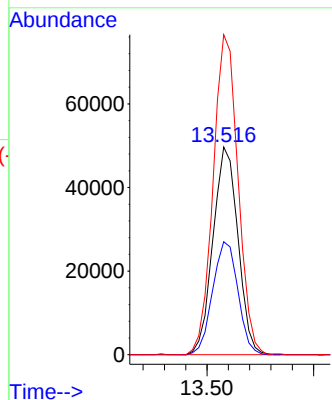
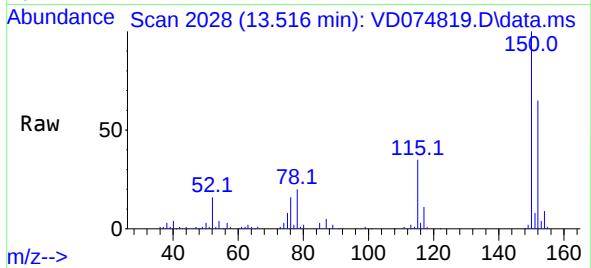




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

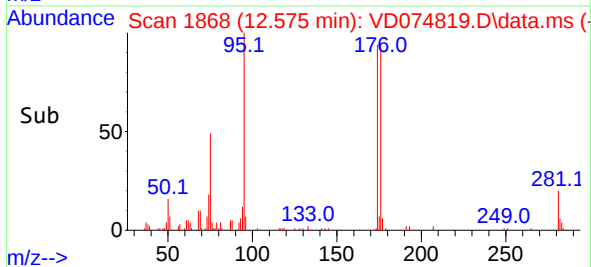
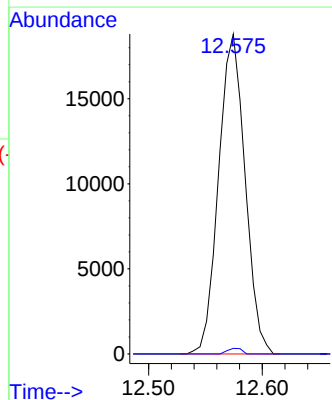
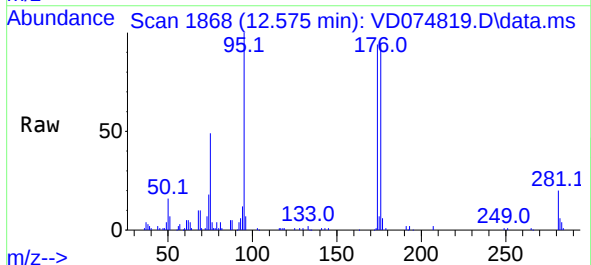
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL01

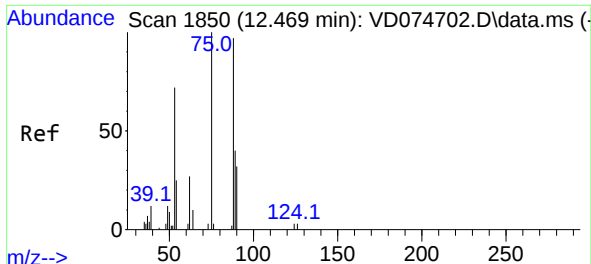
Tgt Ion:152 Resp: 80869
Ion Ratio Lower Upper
152 100
115 55.0 26.8 80.4
150 153.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 48.459 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074819.D
Acq: 09 Nov 2022 10:42

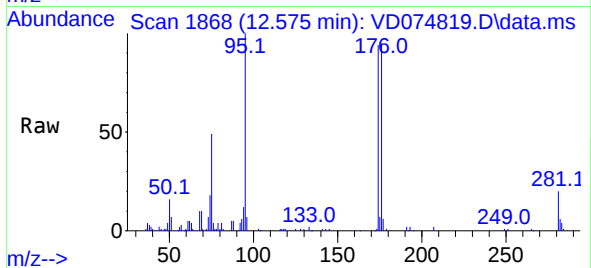
Tgt Ion: 75 Resp: 30379
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.030 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074819.D
 Acq: 09 Nov 2022 10:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL01



Tgt Ion: 75 Resp: 30379

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

