

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074581.D
 Acq On : 19 Oct 2022 16:17
 Operator : VA/SY
 Sample : VD1019SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019

Quant Time: Oct 20 06:45:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

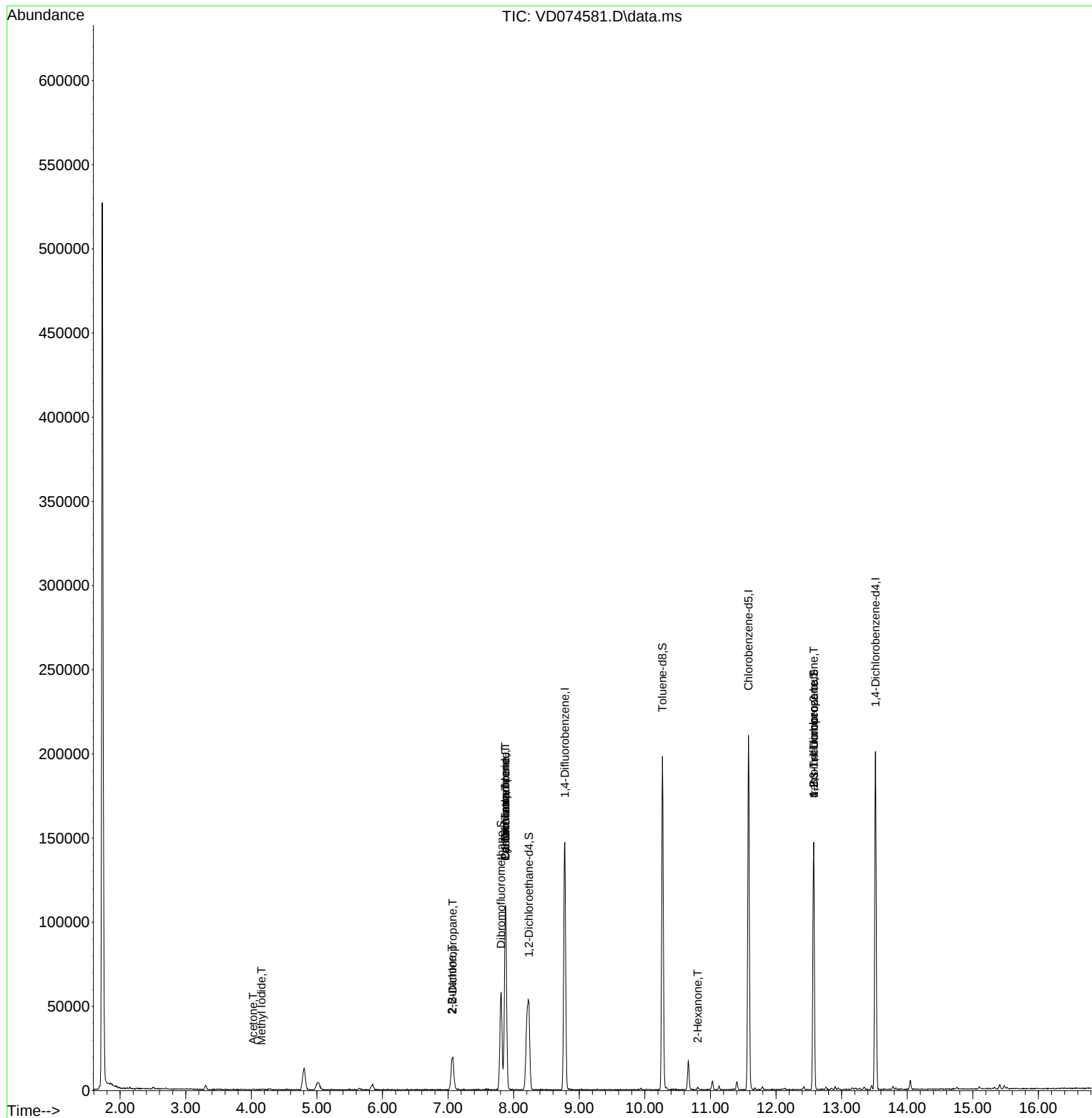
Internal Standards						
1) Pentafluorobenzene	7.875	168	93284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	144446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34233	48.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.140%		
35) Dibromofluoromethane	7.810	113	42075	52.633	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.260%		
50) Toluene-d8	10.269	98	141317	48.880	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.575	95	41639	50.066	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.140%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.157	142	458	4.266	ug/l #	43
11) Tert butyl alcohol	5.022	59	4696	Below Cal	#	84
16) Acetone	4.028	43	624	4.012	ug/l #	72
20) Methylene Chloride	4.810	84	10915	Below Cal		91
25) 2-Butanone	7.057	43	369	1.774	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	1604	1.001	ug/l #	50
31) Cyclohexane	7.875	56	1535	1.073	ug/l #	14
36) 1,1-Dichloropropene	7.875	75	6389	4.924	ug/l #	45
38) Carbon Tetrachloride	7.875	117	8580	6.752	ug/l #	18
59) 2-Hexanone	10.804	43	351	1.359	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	20757	41.614	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	20757	106.345	ug/l #	17

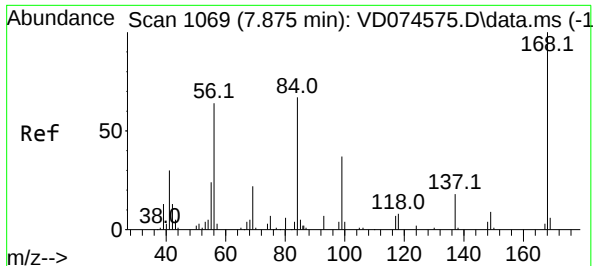
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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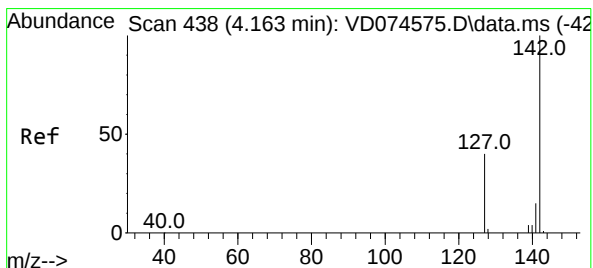
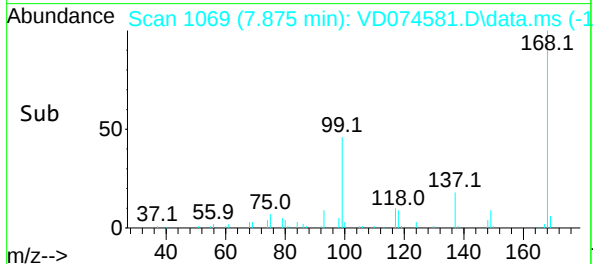
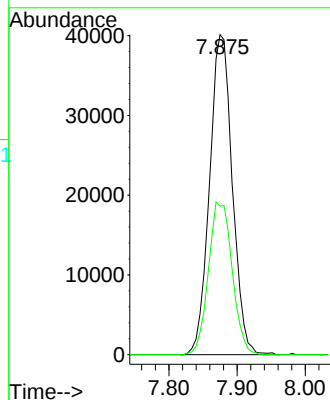
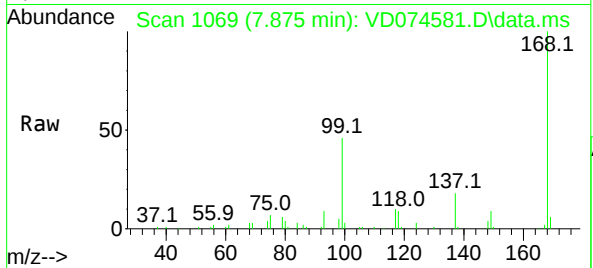




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

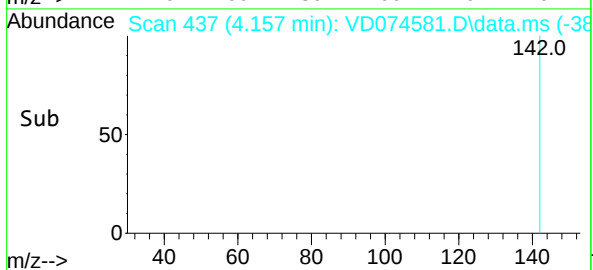
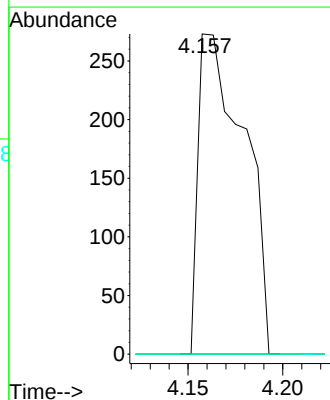
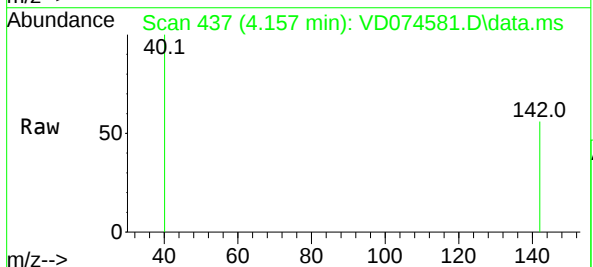
Instrument :
MSVOA_D
ClientSampleId :
VD1019

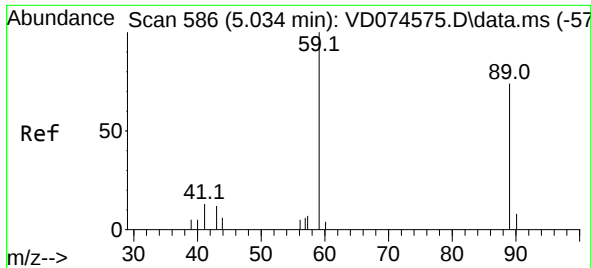
Tgt Ion:168 Resp: 93284
Ion Ratio Lower Upper
168 100
99 46.4 40.9 61.3



#10
Methyl Iodide
Concen: 4.266 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

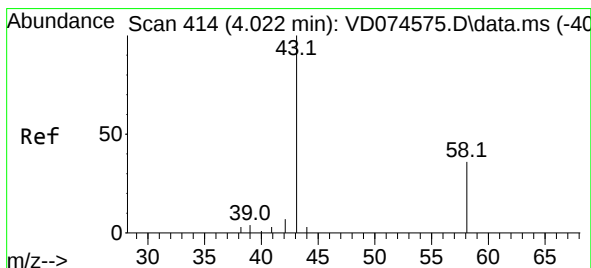
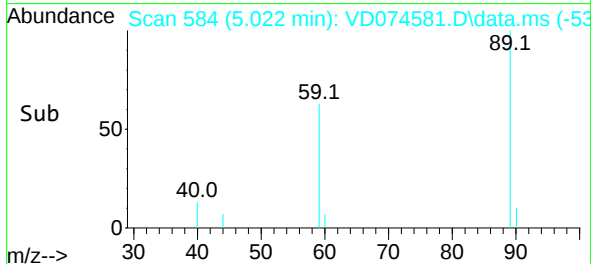
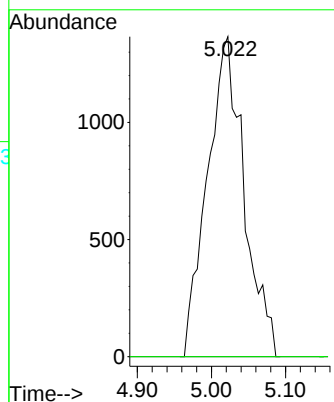
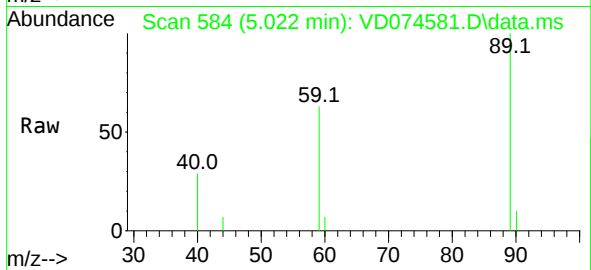




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

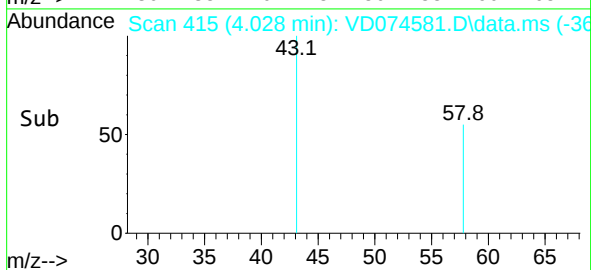
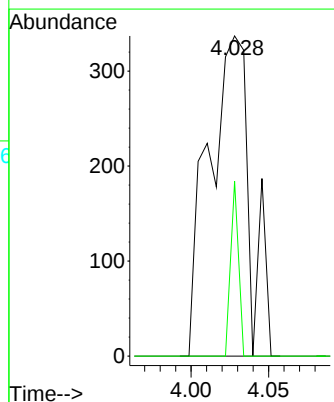
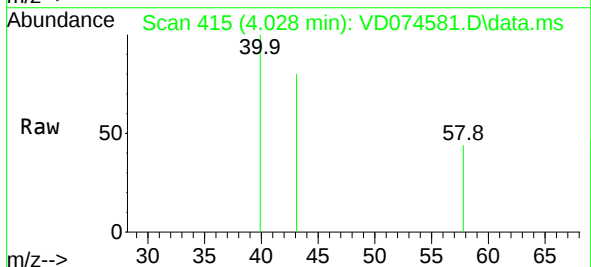
Instrument :
MSVOA_D
ClientSampleId :
VD1019

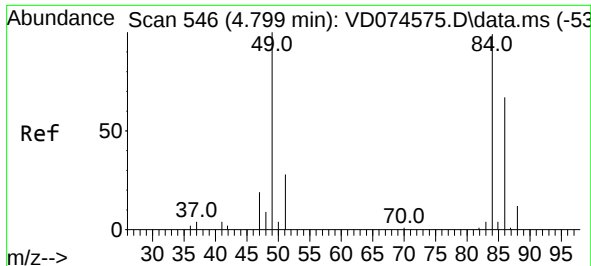
Tgt Ion: 59 Resp: 4696
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 4.012 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 54.6 30.2 45.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.810 min Scan# 54

Delta R.T. 0.011 min

Lab File: VD074581.D

Acq: 19 Oct 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD1019

Tgt Ion: 84 Resp: 10915

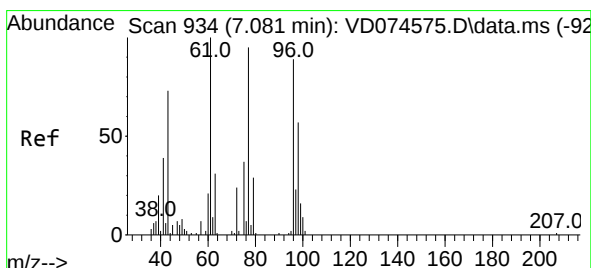
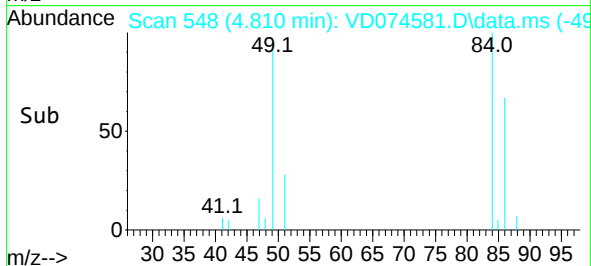
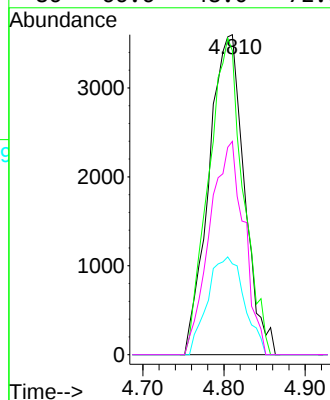
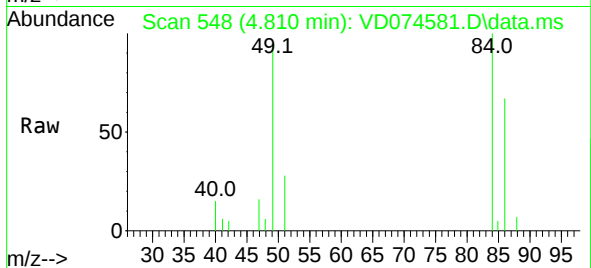
Ion Ratio Lower Upper

84 100

49 95.0 68.0 102.0

51 28.4 23.2 34.8

86 66.6 48.0 72.0



#25

2-Butanone

Concen: 1.774 ug/l

RT: 7.057 min Scan# 930

Delta R.T. -0.024 min

Lab File: VD074581.D

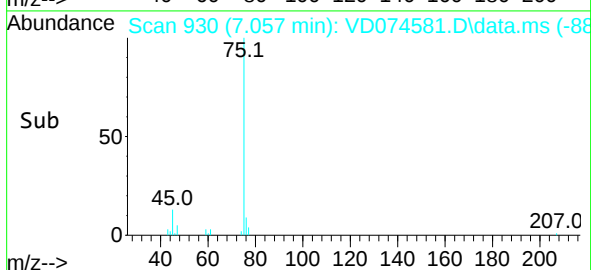
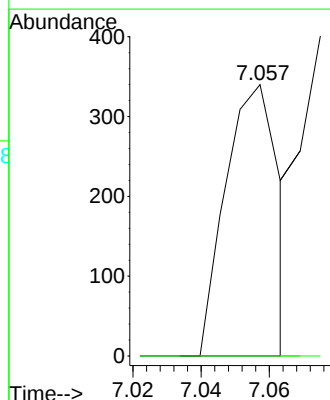
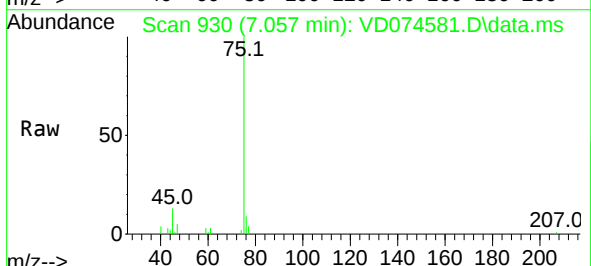
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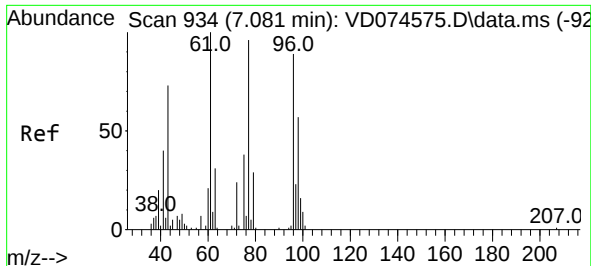
Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#

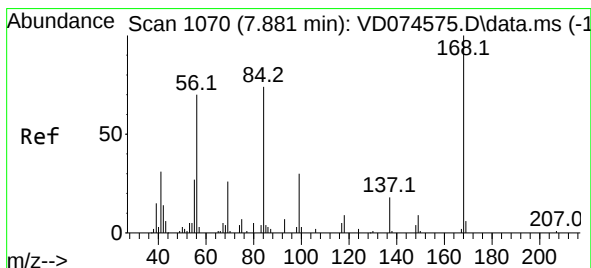
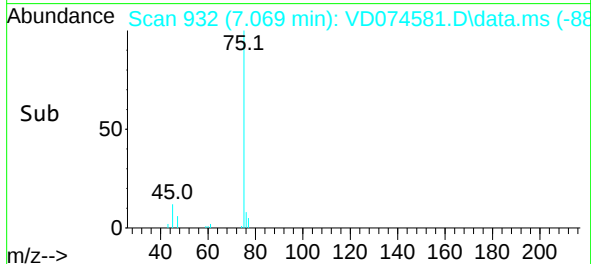
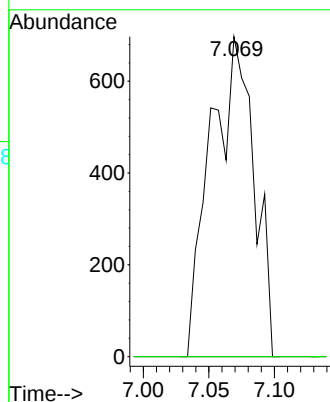
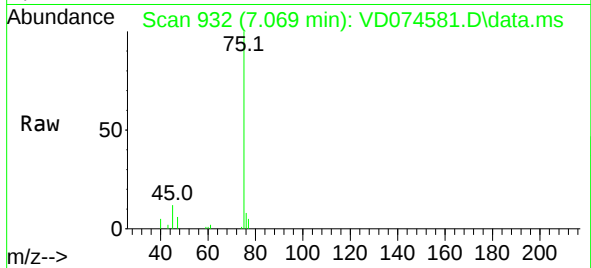




#26
2,2-Dichloropropane
Concen: 1.001 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

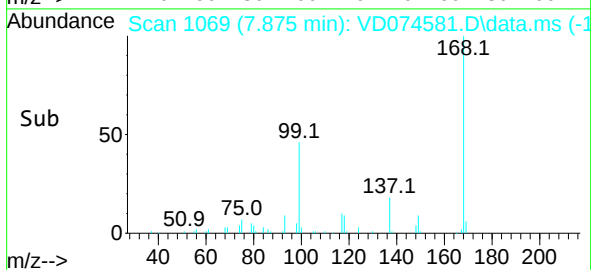
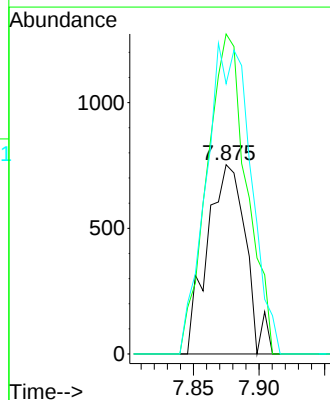
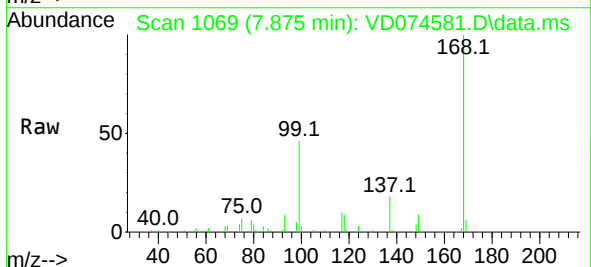
Instrument :
MSVOA_D
ClientSampleId :
VD1019

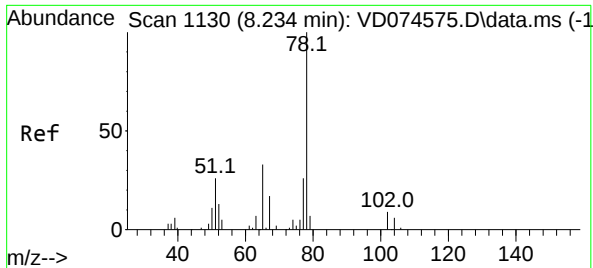
Tgt Ion: 77 Resp: 1604
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion: 56 Resp: 1535
Ion Ratio Lower Upper
56 100
69 169.1 29.2 43.8#
84 142.8 83.4 125.2#

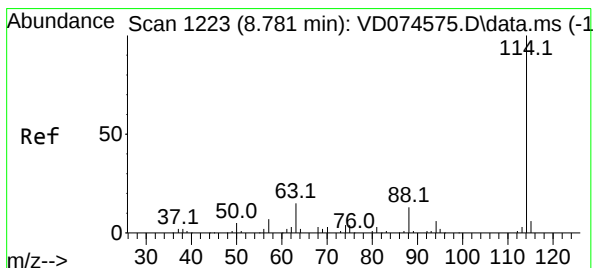
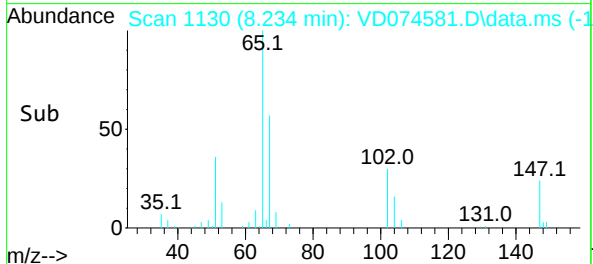
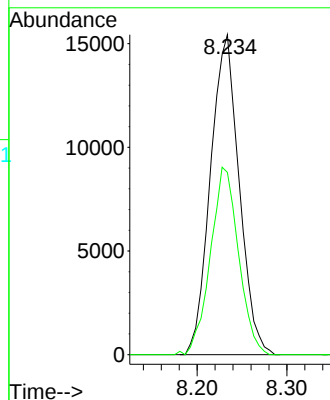
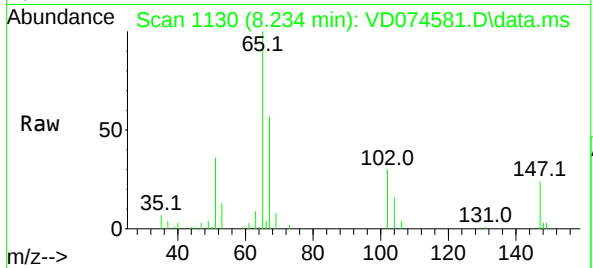




#33
 1,2-Dichloroethane-d4
 Concen: 48.066 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VD074581.D
 Acq: 19 Oct 2022 16:17

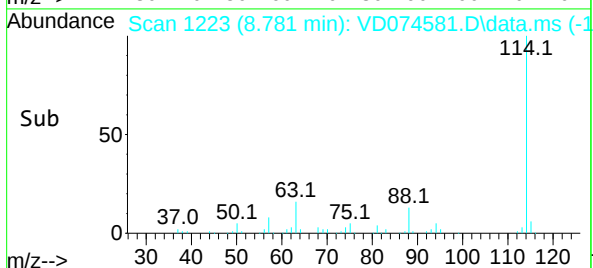
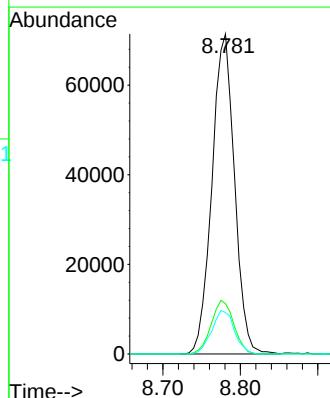
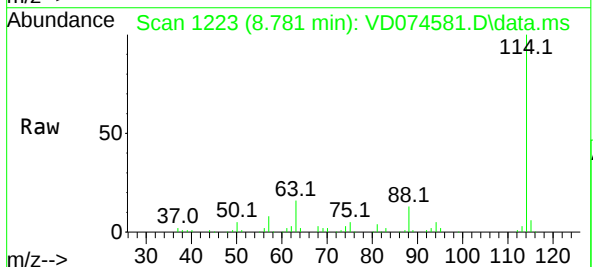
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019

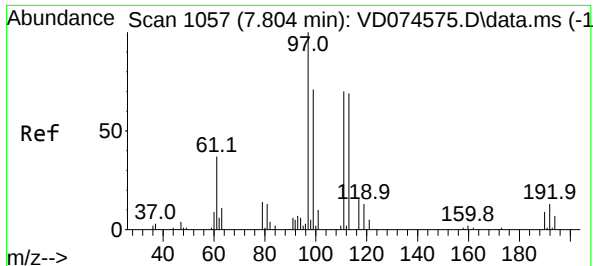
Tgt Ion: 65 Resp: 34233
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD074581.D
 Acq: 19 Oct 2022 16:17

Tgt Ion: 114 Resp: 144446
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 33.2
 88 13.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 52.633 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074581.D

Acq: 19 Oct 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VD1019

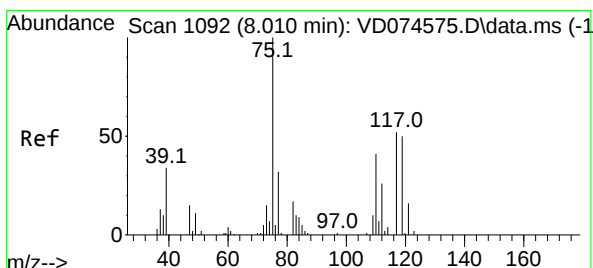
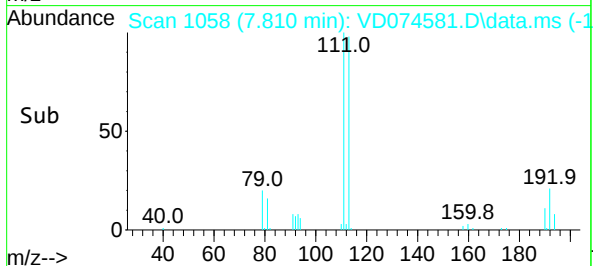
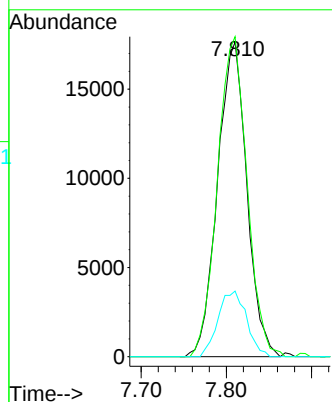
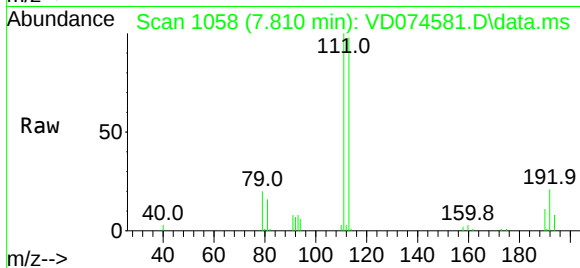
Tgt Ion:113 Resp: 42075

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 20.3 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074581.D

Acq: 19 Oct 2022 16:17

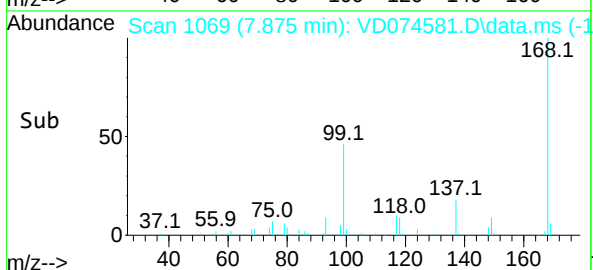
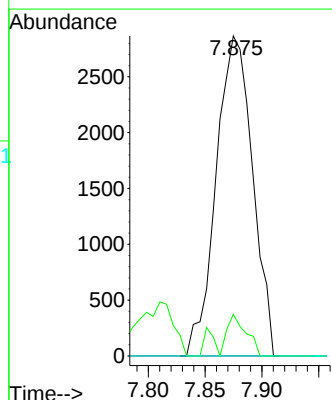
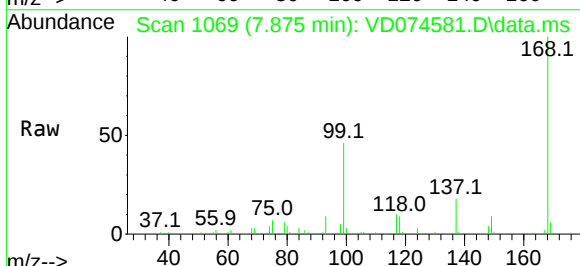
Tgt Ion: 75 Resp: 6389

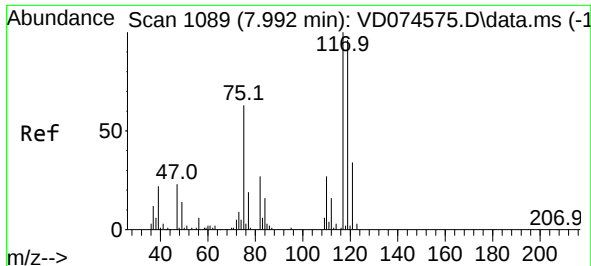
Ion Ratio Lower Upper

75 100

110 6.9 19.7 59.0#

77 0.0 25.4 38.2#

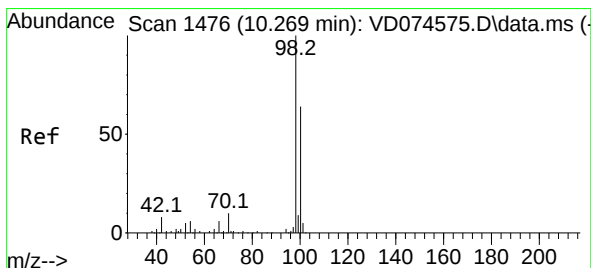
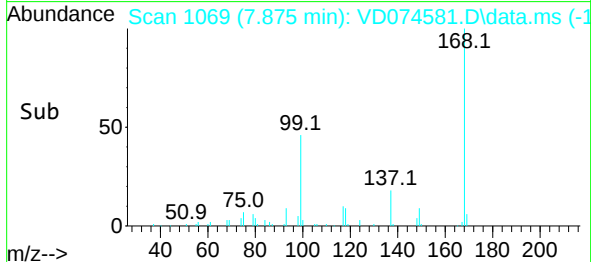
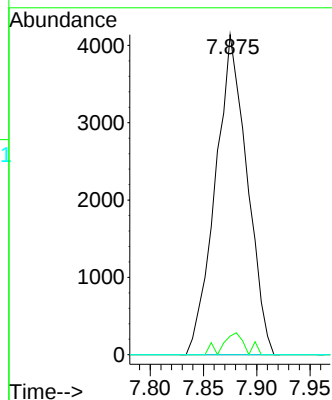
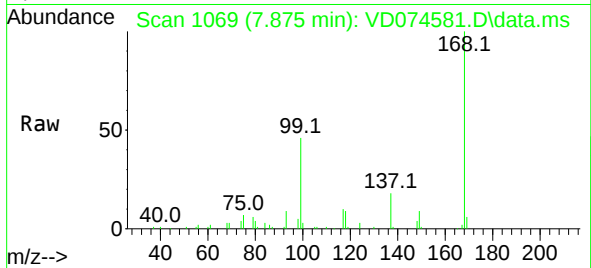




#38
Carbon Tetrachloride
Concen: 6.752 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

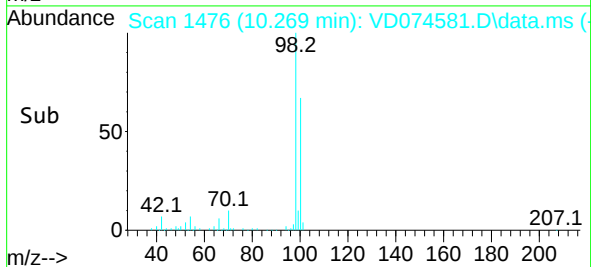
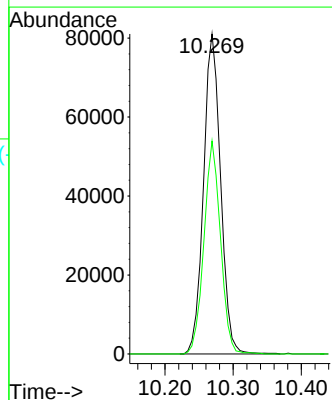
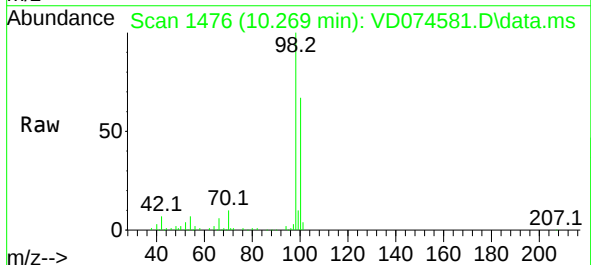
Instrument :
MSVOA_D
ClientSampleId :
VD1019

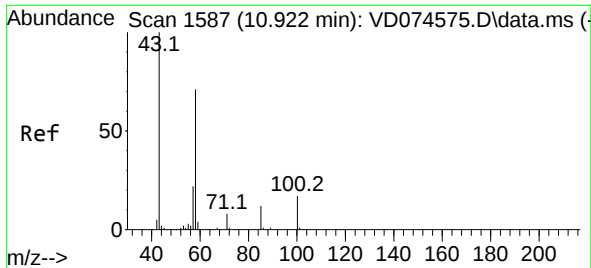
Tgt Ion:117 Resp: 8580
Ion Ratio Lower Upper
117 100
119 5.8 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.880 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion: 98 Resp: 141317
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

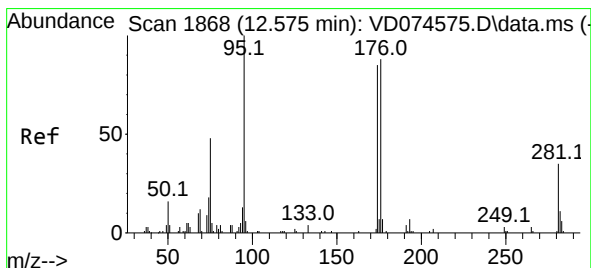
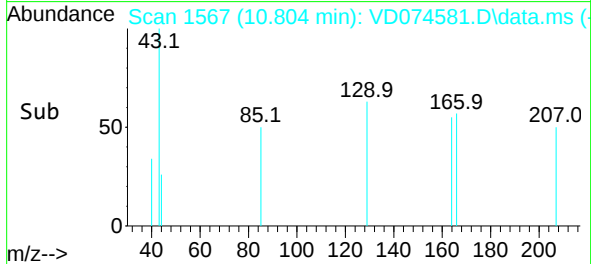
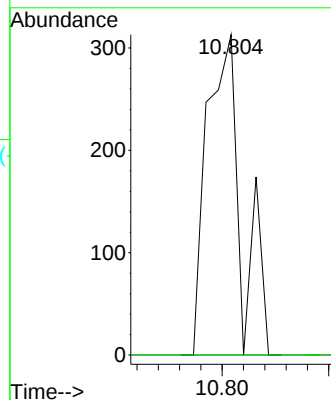
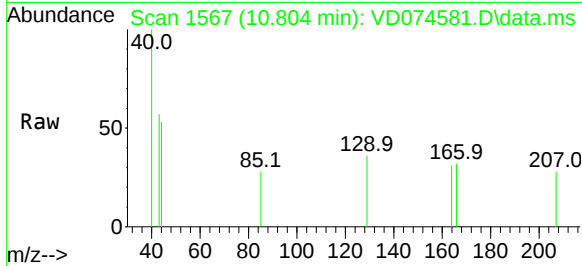




#59
2-Hexanone
Concen: 1.359 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.112 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

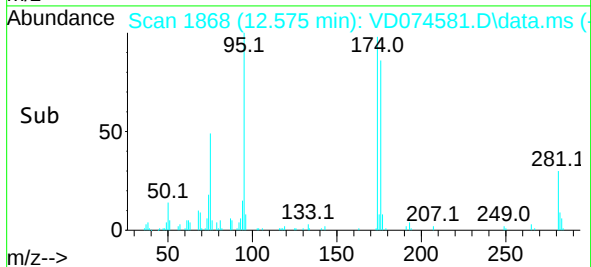
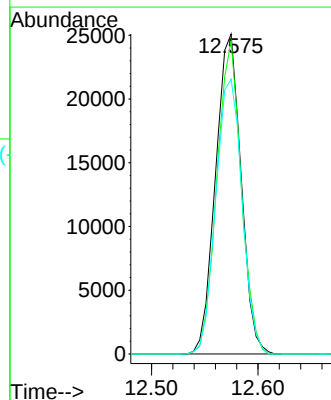
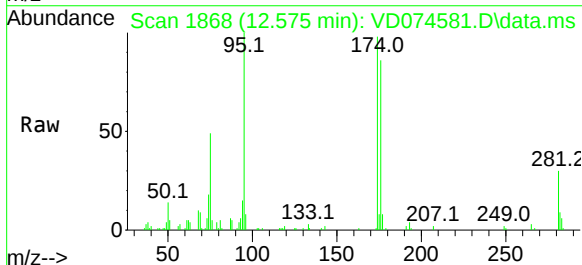
Instrument :
MSVOA_D
ClientSampleId :
VD1019

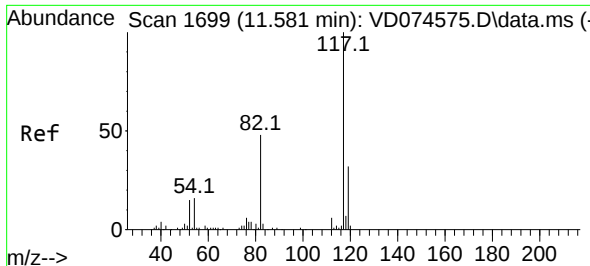
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#



#62
4-Bromofluorobenzene
Concen: 50.066 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion: 95 Resp: 41639
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 88.5 0.0 182.6

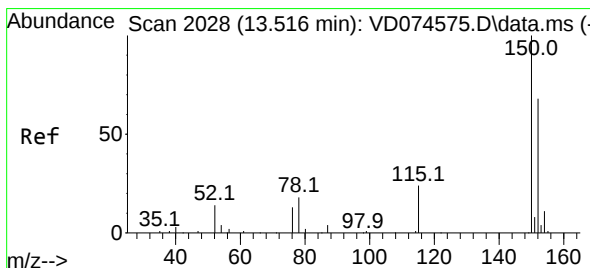
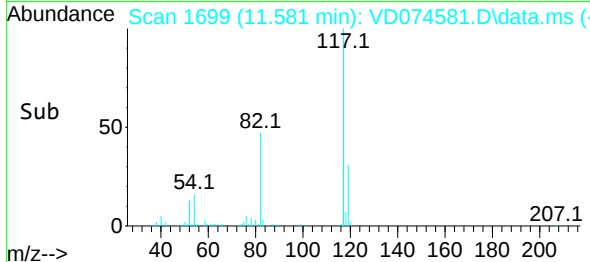
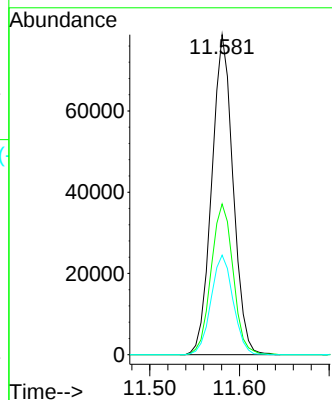
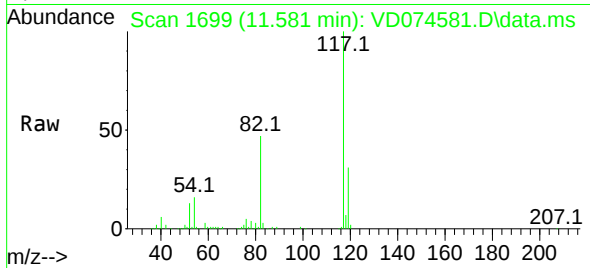




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

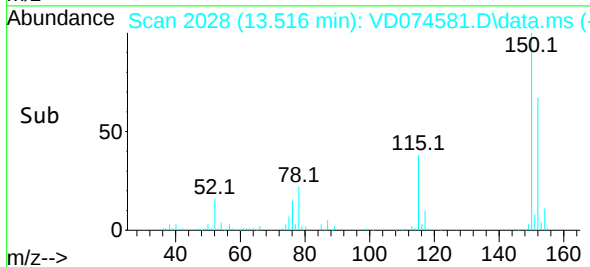
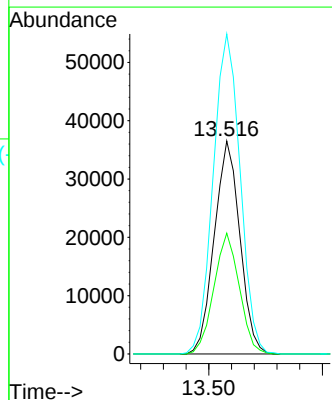
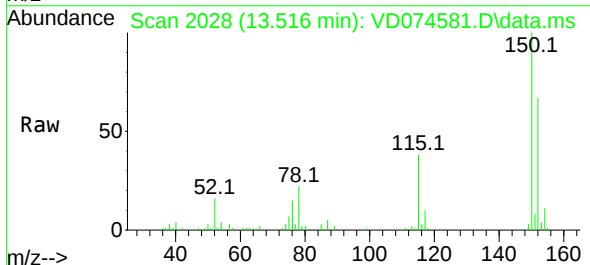
Instrument :
MSVOA_D
ClientSampleId :
VD1019

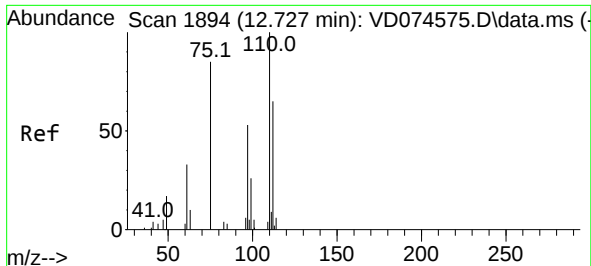
Tgt Ion:117 Resp: 130037
Ion Ratio Lower Upper
117 100
82 47.1 41.6 62.4
119 31.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion:152 Resp: 57125
Ion Ratio Lower Upper
152 100
115 56.3 26.8 80.4
150 158.3 0.0 348.2

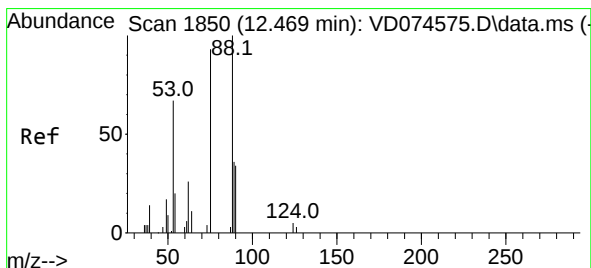
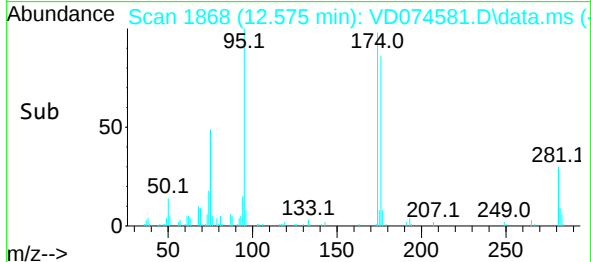
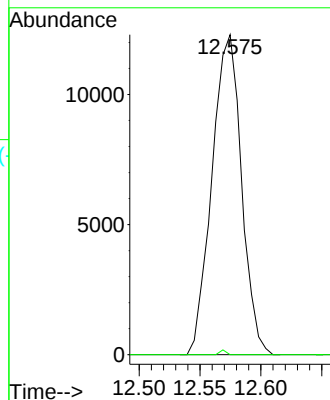
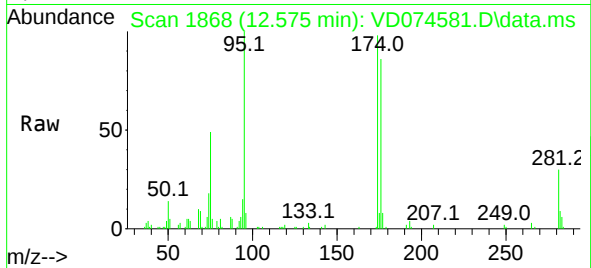




#76
1,2,3-Trichloropropane
Concen: 41.614 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Instrument :
MSVOA_D
ClientSampleId :
VD1019

Tgt Ion: 75 Resp: 20757
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.345 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074581.D
Acq: 19 Oct 2022 16:17

Tgt Ion: 75 Resp: 20757
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

