

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074148.D
 Acq On : 19 Aug 2022 15:01
 Operator : VA/SY
 Sample : VD0819SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

Quant Time: Aug 20 01:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

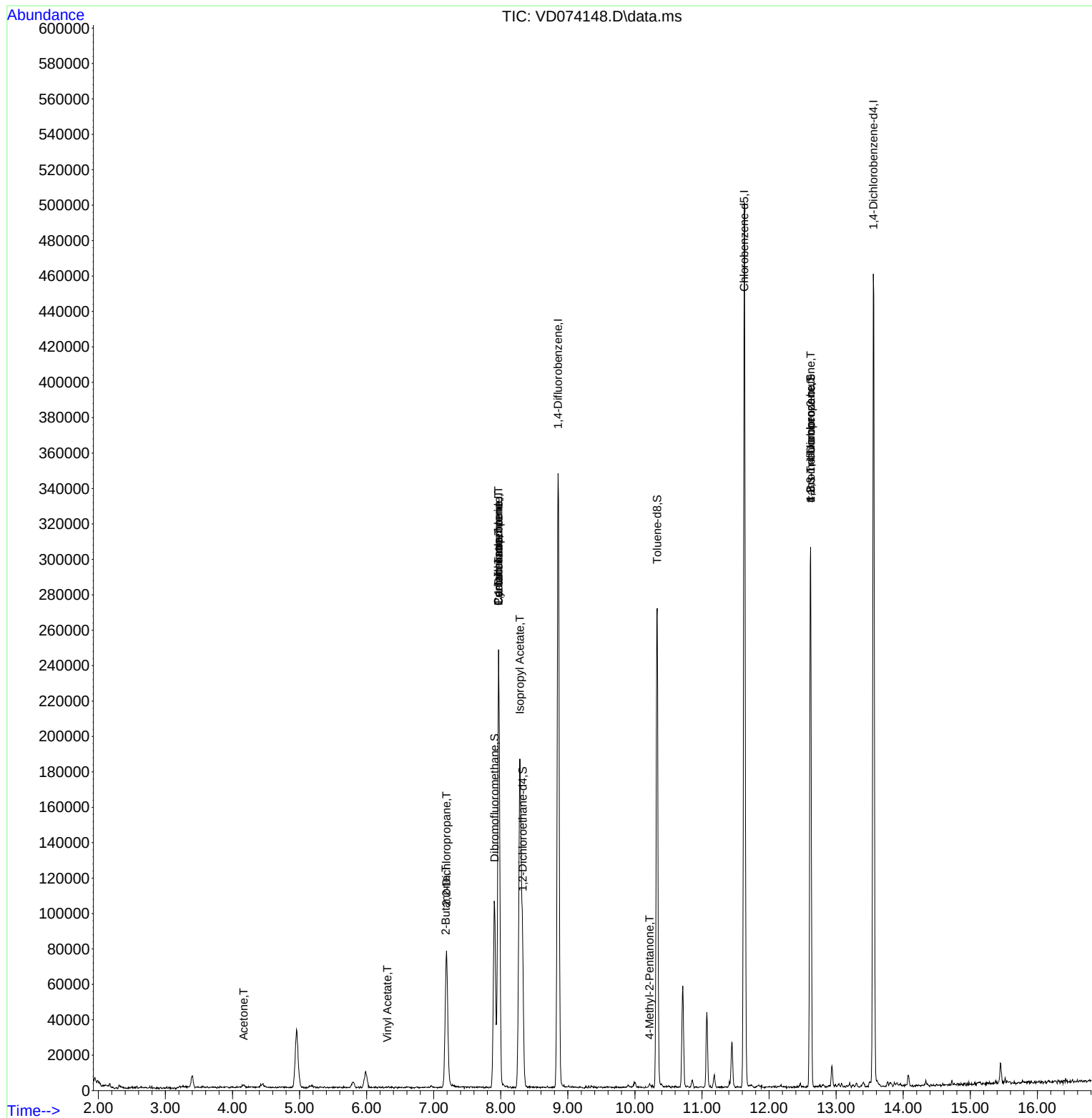
Internal Standards						
1) Pentafluorobenzene	7.967	168	172458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	297634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	275991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	64382	50.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.908	113	78629	54.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.500%	
50) Toluene-d8	10.332	98	187700	45.554	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.100%	
62) 4-Bromofluorobenzene	12.620	95	96672	43.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1741	Below Cal		81
11) Tert butyl alcohol	5.238	59	596	Below Cal	#	74
16) Acetone	4.167	43	2271	6.112	ug/l #	47
20) Methylene Chloride	4.950	84	23318	Below Cal	#	86
23) Vinyl Acetate	6.308	43	110	7.610	ug/l #	75
25) 2-Butanone	7.179	43	4732	7.805	ug/l #	87
26) 2,2-Dichloropropane	7.191	77	5189	1.577	ug/l #	54
31) Cyclohexane	7.967	56	4511	1.235	ug/l #	30
36) 1,1-Dichloropropene	7.967	75	14594	4.790	ug/l #	52
38) Carbon Tetrachloride	7.967	117	19408	6.442	ug/l #	18
43) Isopropyl Acetate	8.285	43	4425	1.750	ug/l #	33
51) 4-Methyl-2-Pentanone	10.220	43	1466	1.127	ug/l #	86
76) 1,2,3-Trichloropropane	12.620	75	50227	40.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	50227	107.280	ug/l #	7

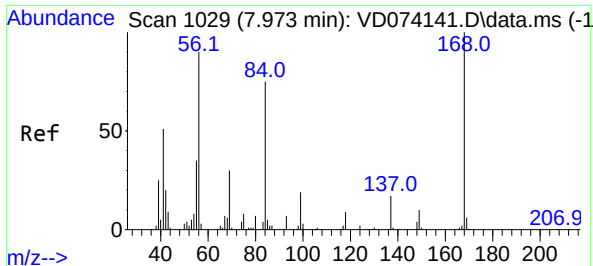
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 19 09:25:06 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD074148.D

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Instrument :

MSVOA_D

ClientSampleId :

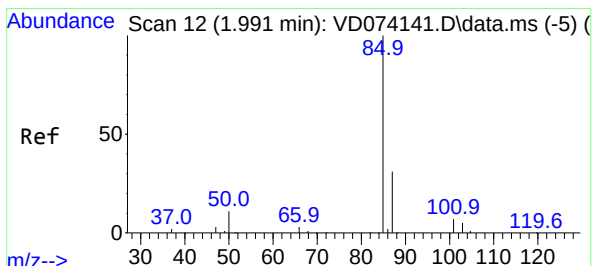
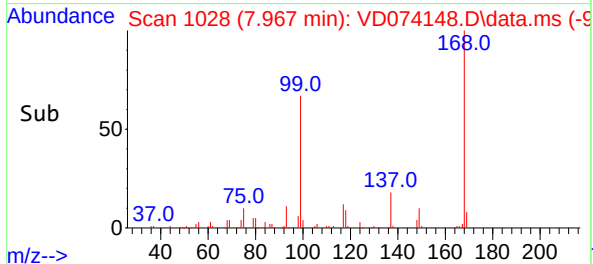
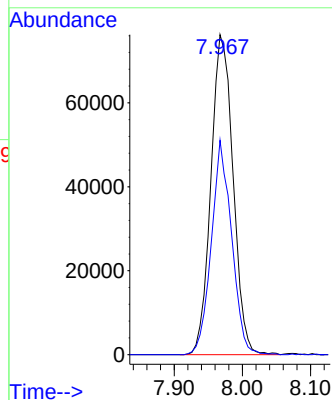
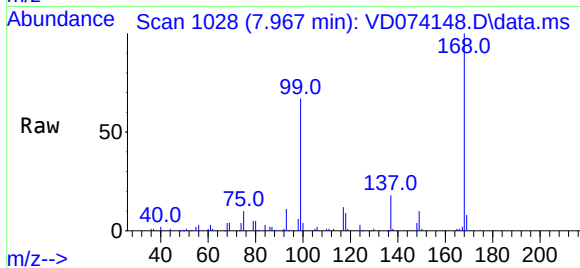
VD0819SBL01

Tgt Ion:168 Resp: 172458

Ion Ratio Lower Upper

168 100

99 67.0 49.8 74.6



Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD074148.D

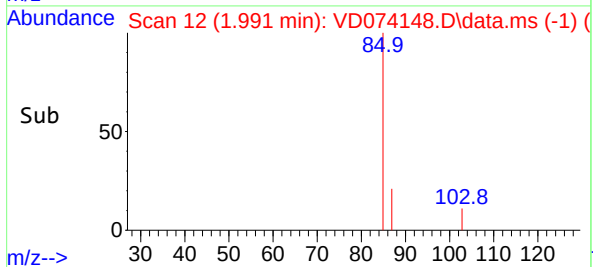
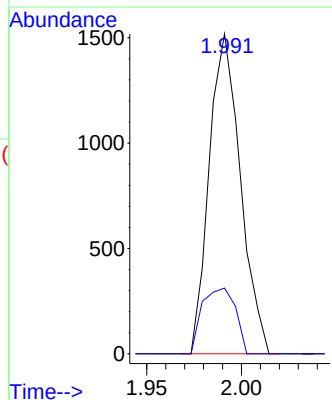
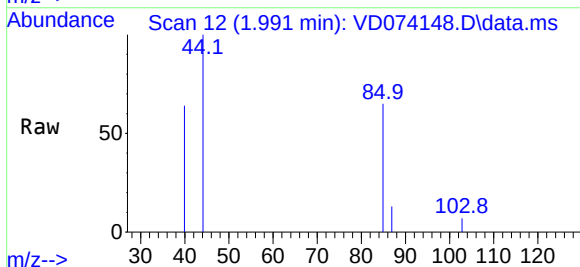
Acq: 19 Aug 2022 15:01

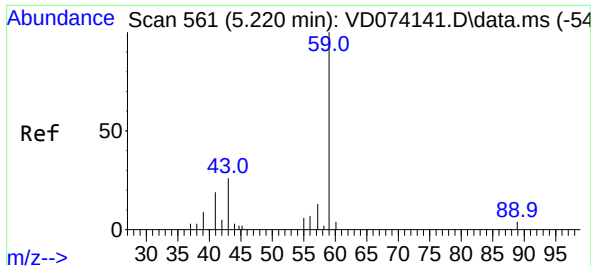
Tgt Ion: 85 Resp: 1741

Ion Ratio Lower Upper

85 100

87 20.6 15.7 47.0

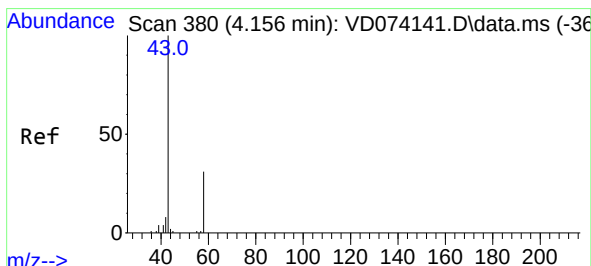
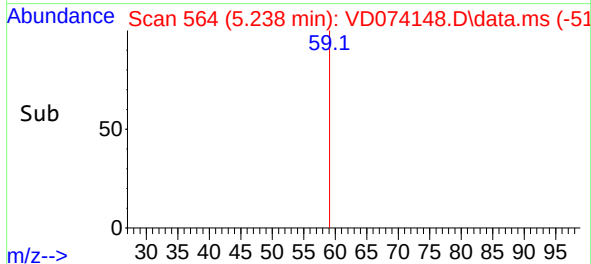
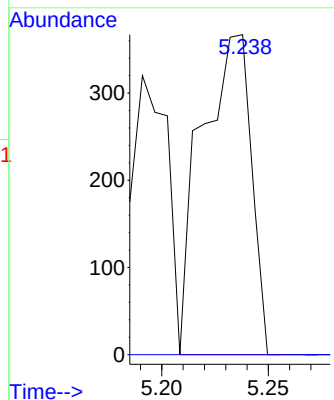
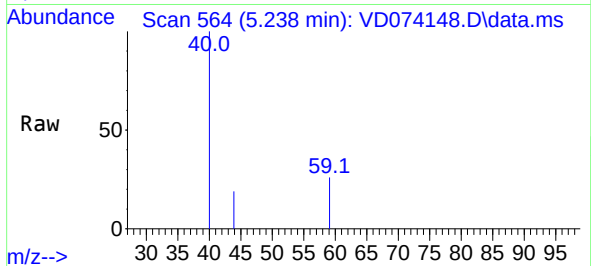




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 50
Delta R.T. 0.018 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

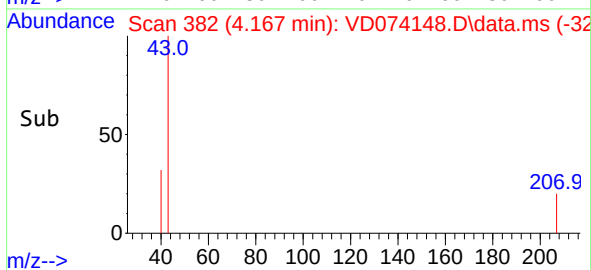
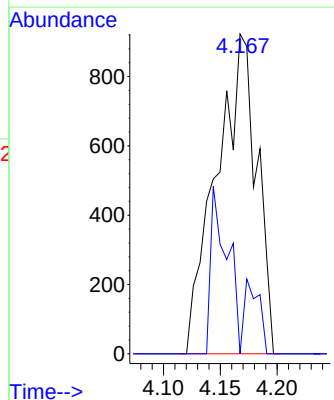
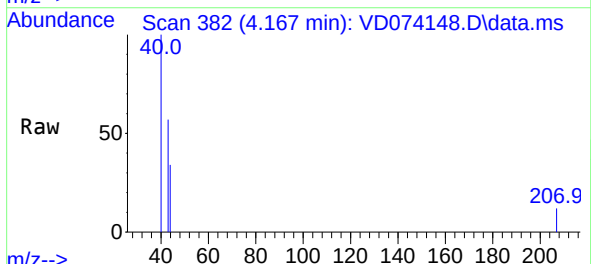
Instrument :
MSVOA_D
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VD0819SBL01

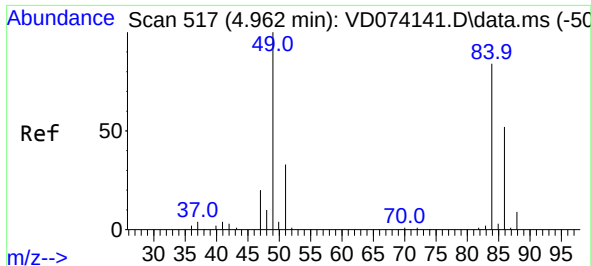
Tgt Ion: 59 Resp: 596
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.112 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

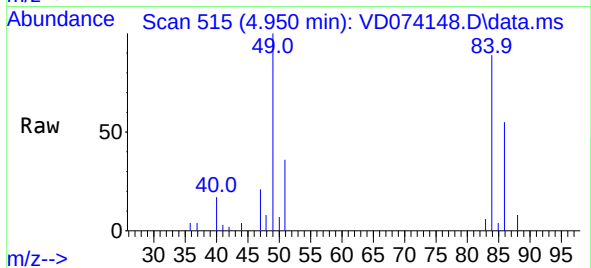
Tgt Ion: 43 Resp: 2271
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





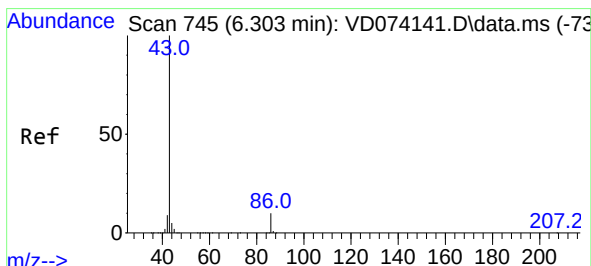
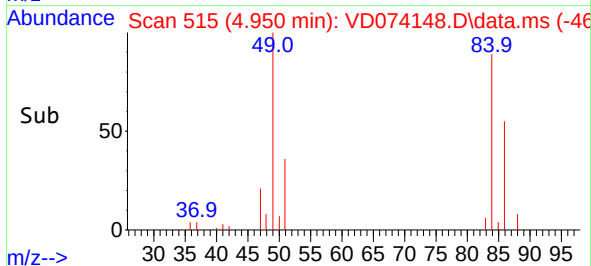
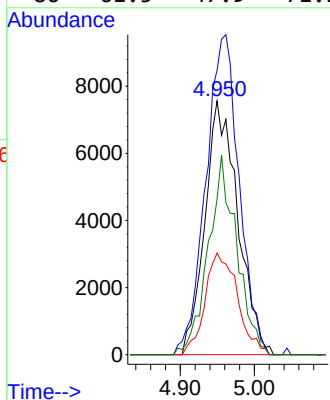
#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01



Tgt Ion: 84 Resp: 23318

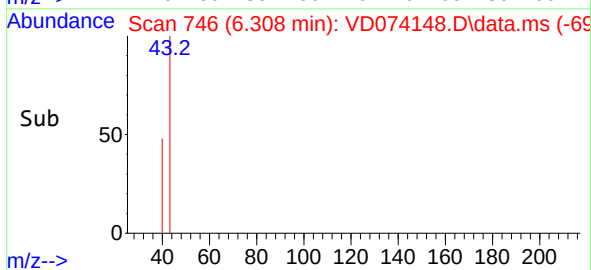
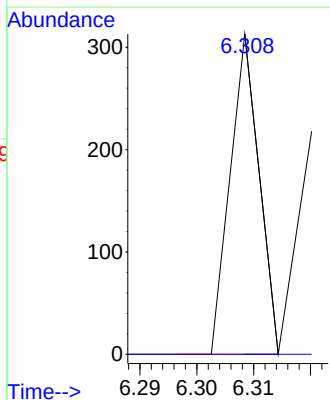
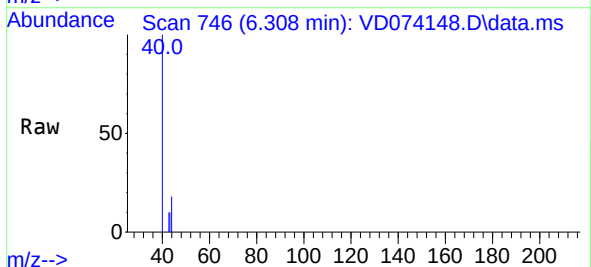
Ion	Ratio	Lower	Upper
84	100		
49	112.1	112.8	169.2#
51	40.1	32.6	48.8
86	61.5	47.9	71.9

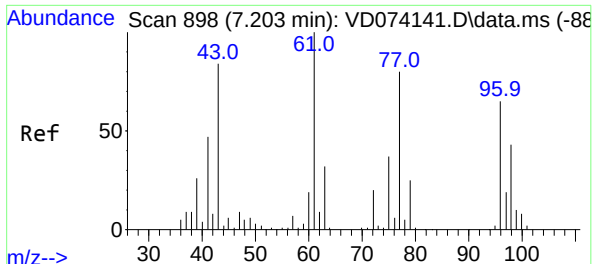


#23
Vinyl Acetate
Concen: 7.610 ug/l
RT: 6.308 min Scan# 746
Delta R.T. 0.005 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion: 43 Resp: 110

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#





#25

2-Butanone

Concen: 7.805 ug/l

RT: 7.179 min Scan# 894

Delta R.T. -0.024 min

Lab File: VD074148.D

Acq: 19 Aug 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

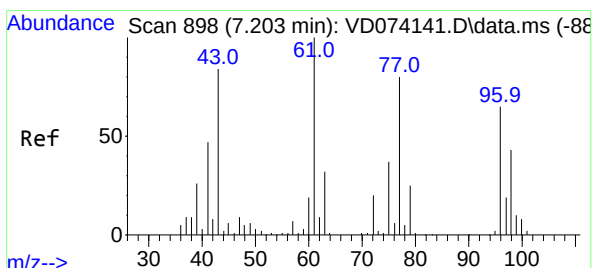
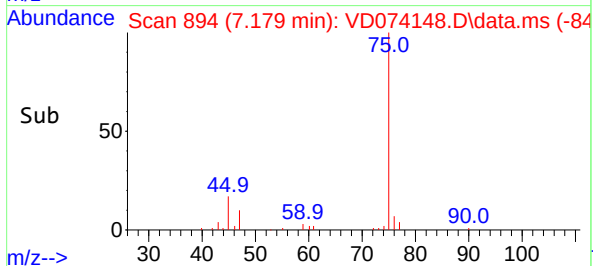
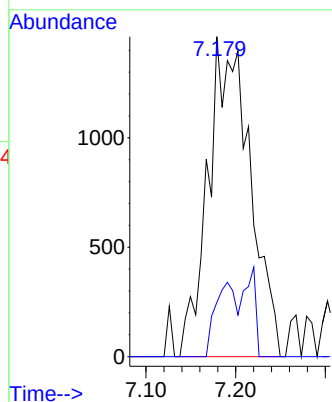
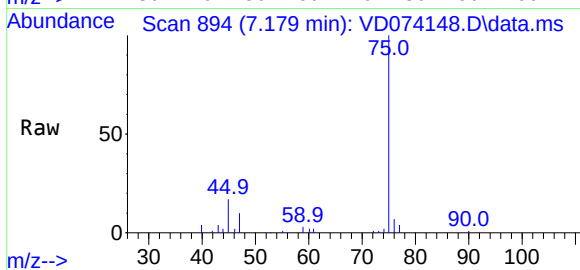
VD0819SBL01

Tgt Ion: 43 Resp: 4732

Ion Ratio Lower Upper

43 100

72 17.0 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 1.577 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.012 min

Lab File: VD074148.D

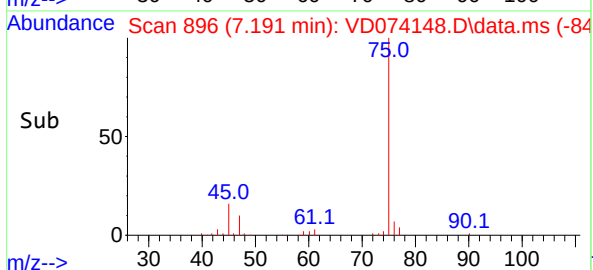
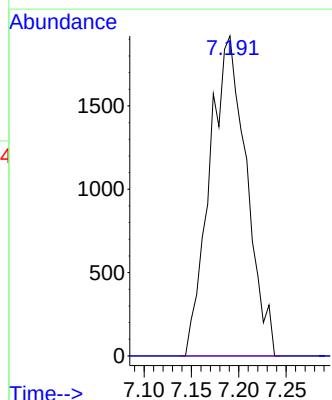
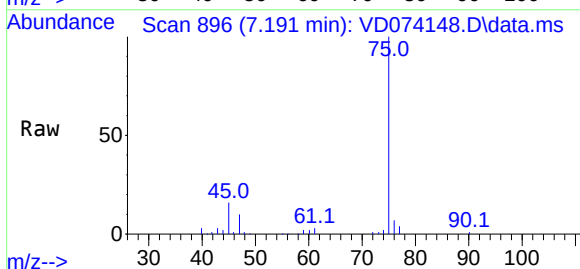
Acq: 19 Aug 2022 15:01

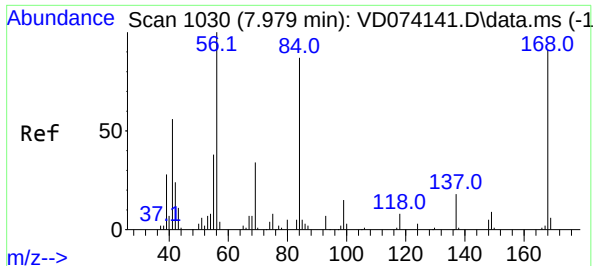
Tgt Ion: 77 Resp: 5189

Ion Ratio Lower Upper

77 100

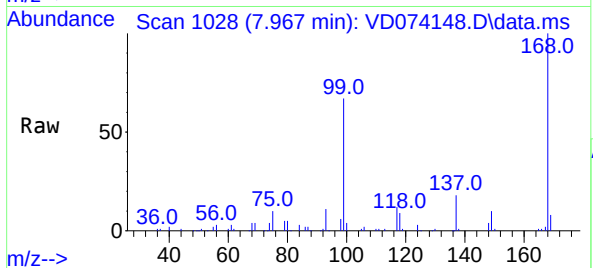
97 0.0 10.8 32.4#



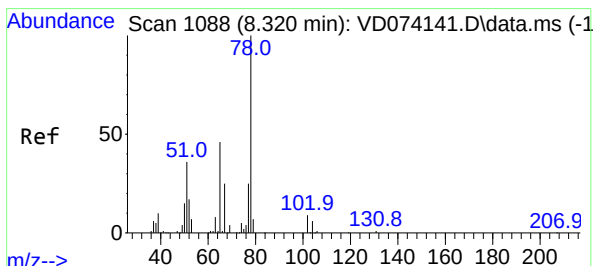
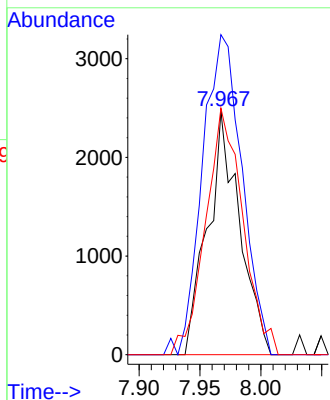
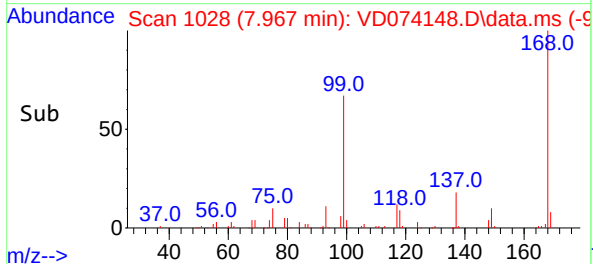


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

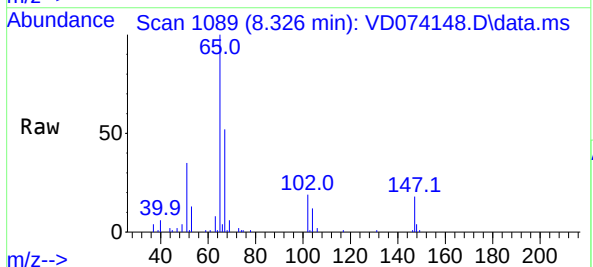
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01



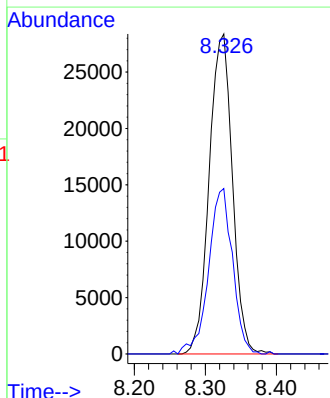
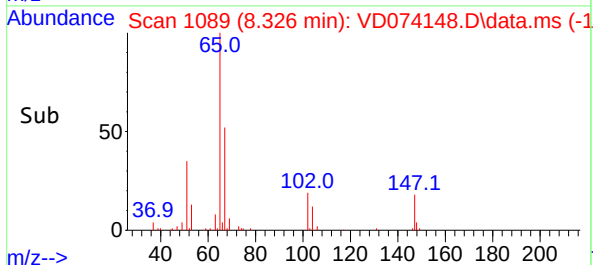
Tgt Ion: 56 Resp: 4511
Ion Ratio Lower Upper
56 100
69 131.3 25.4 38.2#
84 101.2 63.0 94.4#

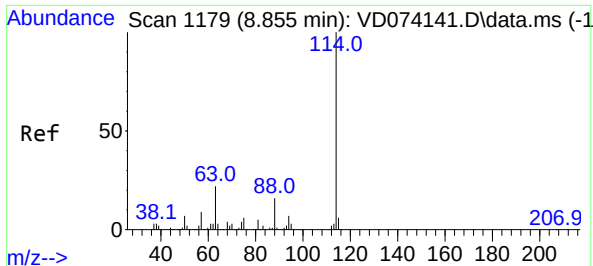


#33
1,2-Dichloroethane-d4
Concen: 50.230 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01



Tgt Ion: 65 Resp: 64382
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074148.D

Acq: 19 Aug 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBL01

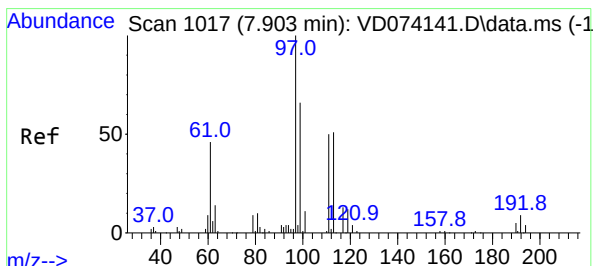
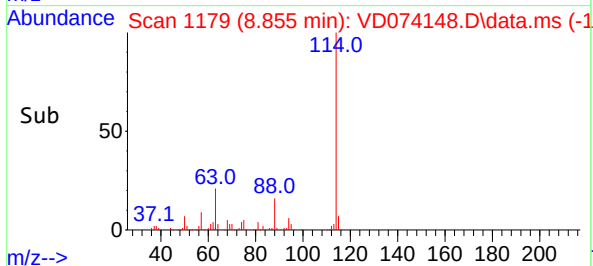
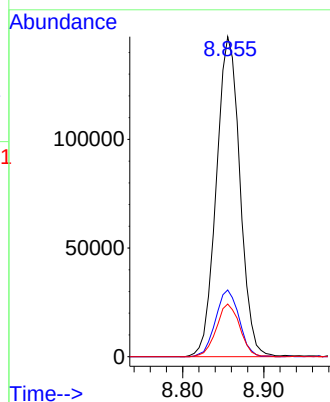
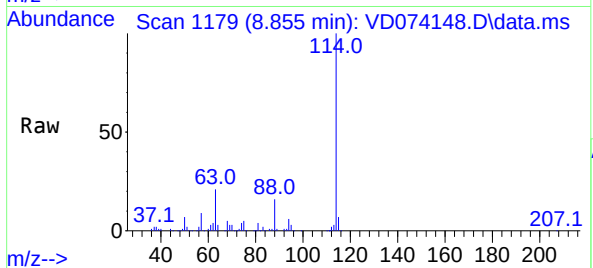
Tgt Ion:114 Resp: 297634

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.249 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074148.D

Acq: 19 Aug 2022 15:01

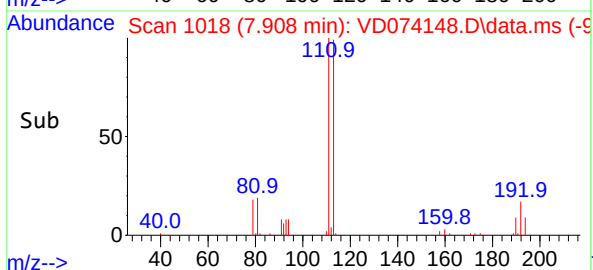
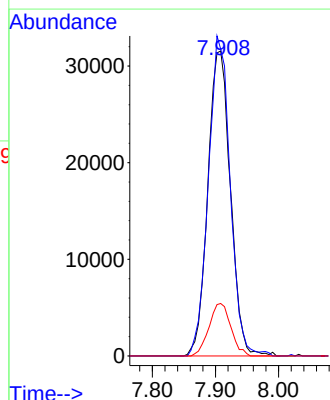
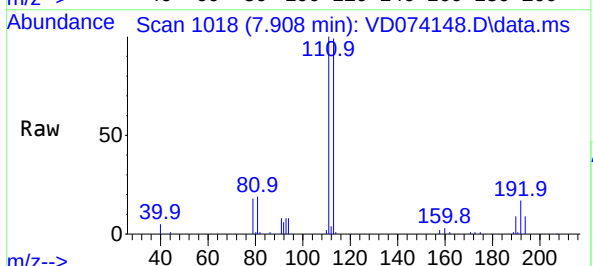
Tgt Ion:113 Resp: 78629

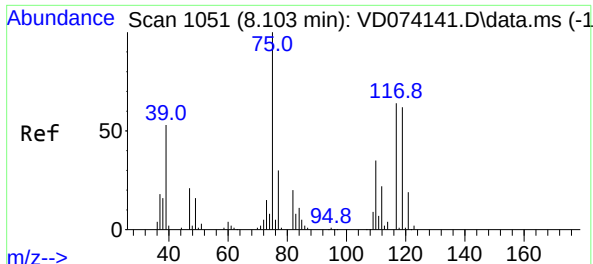
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 16.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.790 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD074148.D

Acq: 19 Aug 2022 15:01

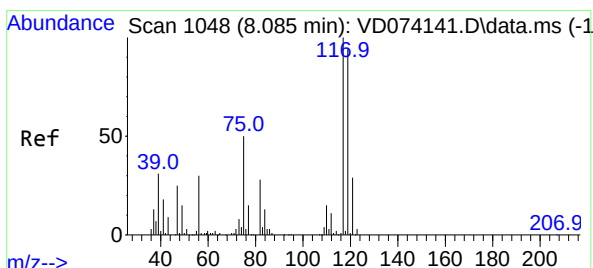
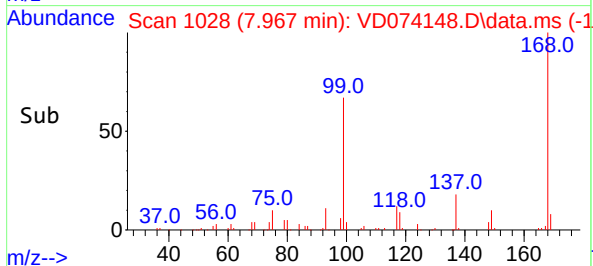
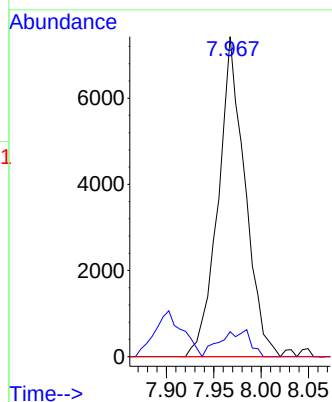
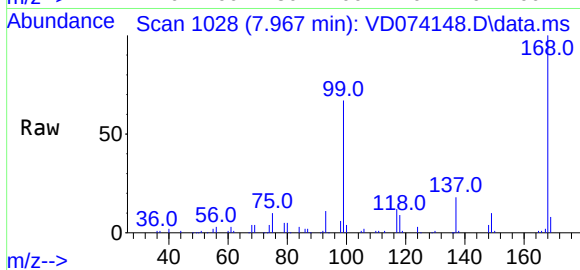
Instrument :

MSVOA_D

ClientSampleId :

VD0819SBL01

Tgt Ion:	75	Resp:	14594
Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 6.442 ug/l

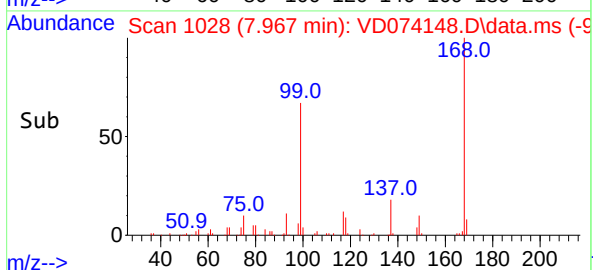
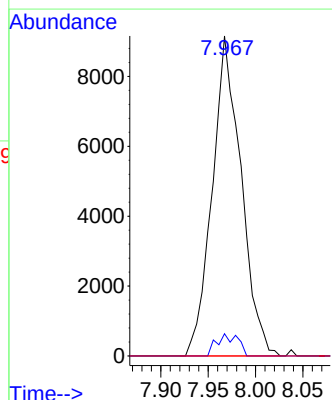
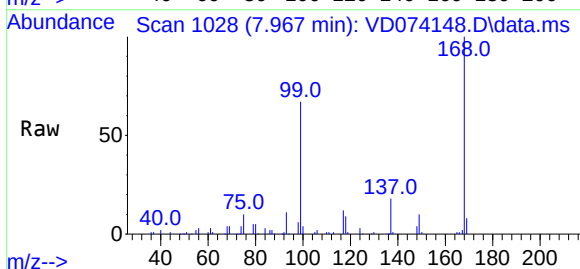
RT: 7.967 min Scan# 1028

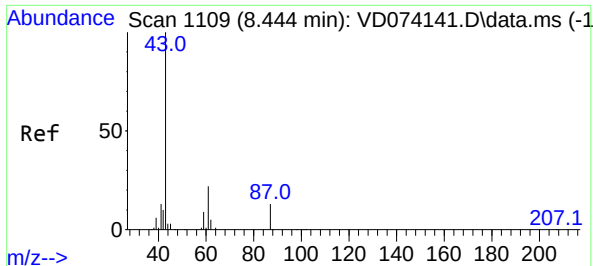
Delta R.T. -0.118 min

Lab File: VD074148.D

Acq: 19 Aug 2022 15:01

Tgt Ion:	117	Resp:	19408
Ion	Ratio	Lower	Upper
117	100		
119	7.0	75.8	113.6#
121	0.0	24.5	36.7#

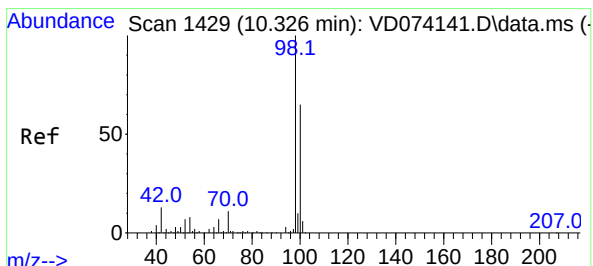
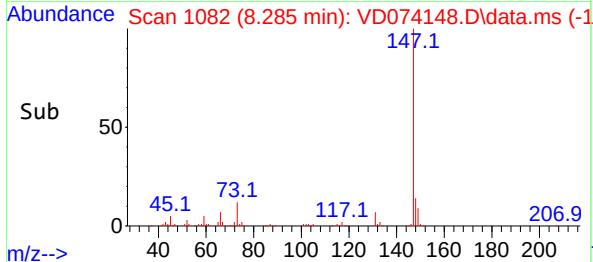
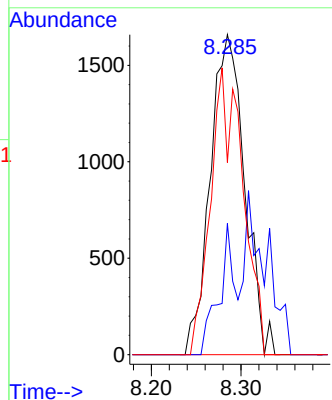
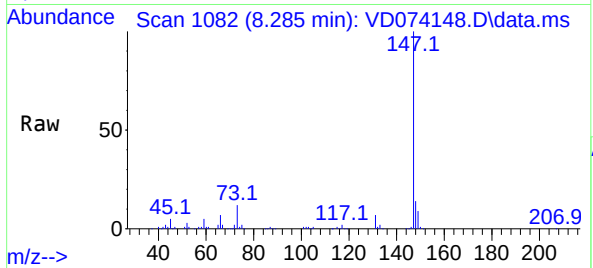




#43
Isopropyl Acetate
Concen: 1.750 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. -0.159 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

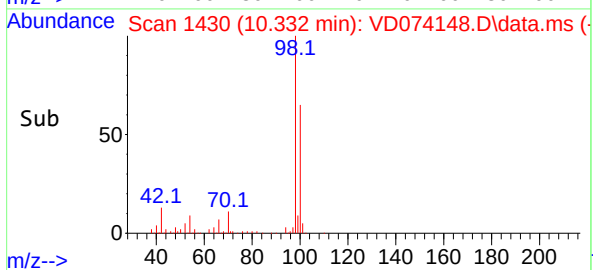
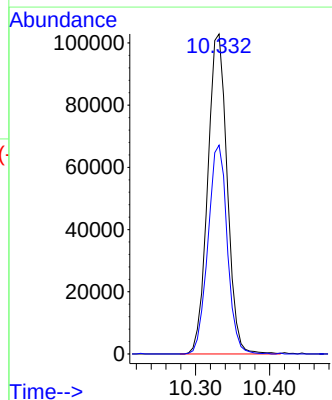
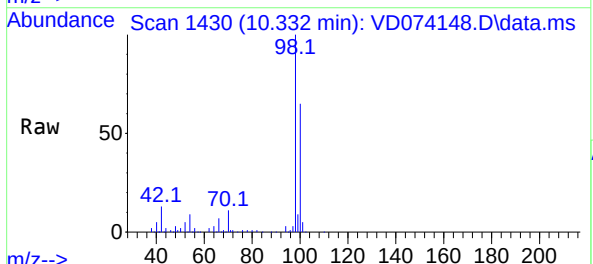
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

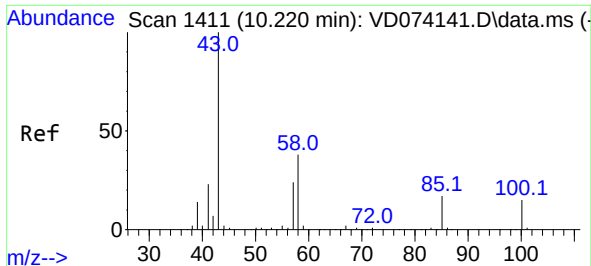
Tgt Ion: 43 Resp: 4425
Ion Ratio Lower Upper
43 100
61 18.4 22.4 33.6#
87 83.9 8.7 13.1#



#50
Toluene-d8
Concen: 45.554 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion: 98 Resp: 187700
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

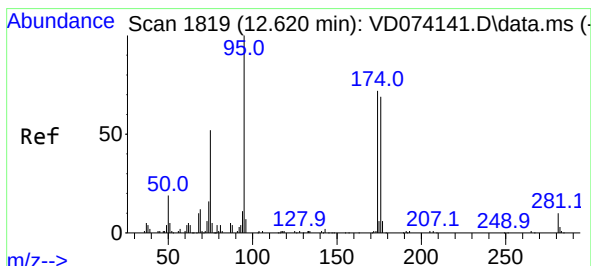
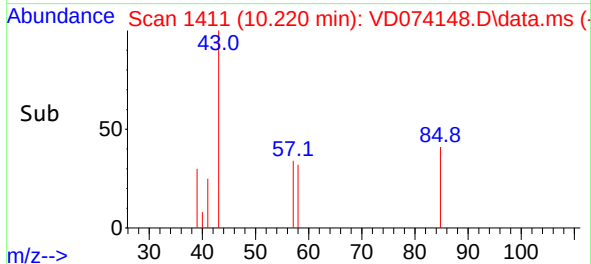
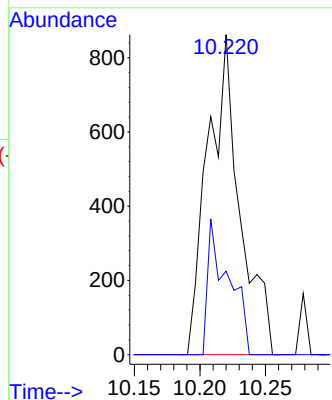
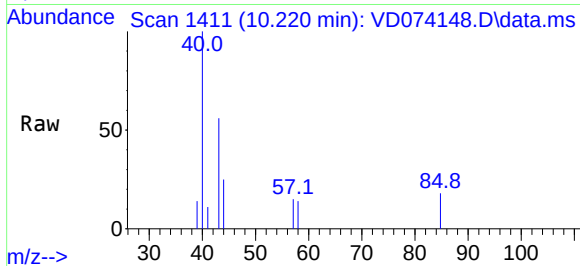




#51
4-Methyl-2-Pentanone
Concen: 1.127 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

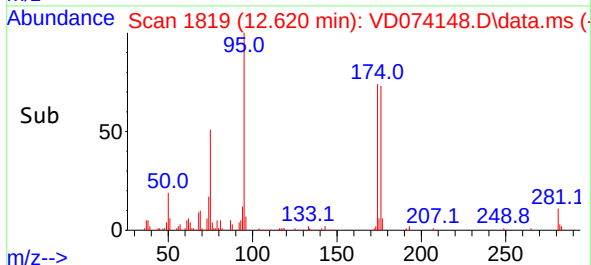
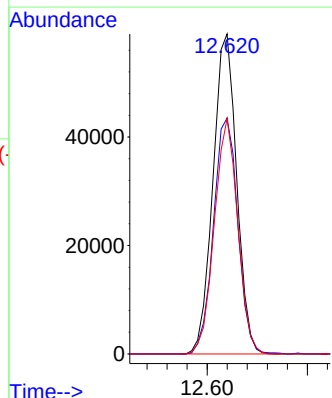
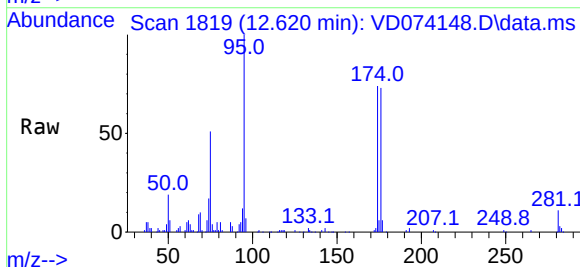
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

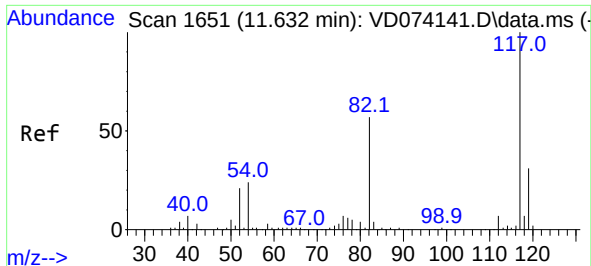
Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 27.6 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 43.407 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion: 95 Resp: 96672
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.6 0.0 145.4

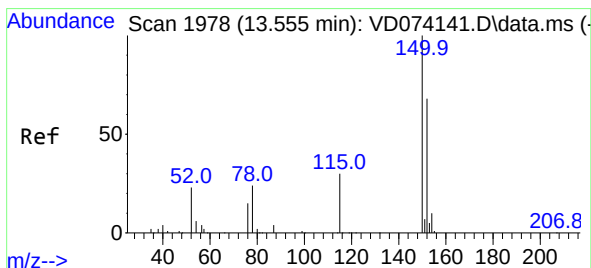
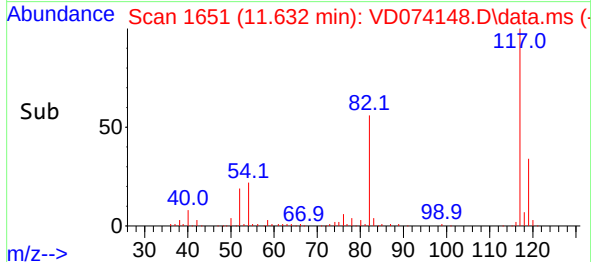
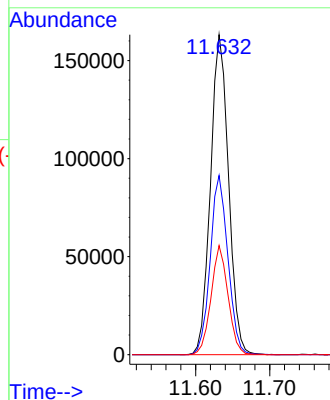
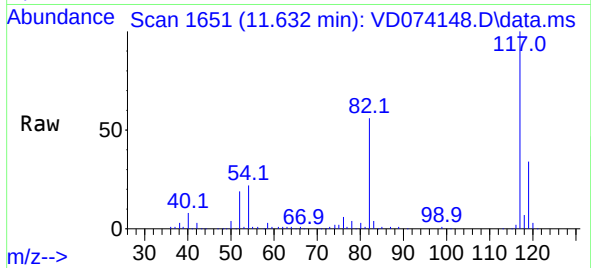




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

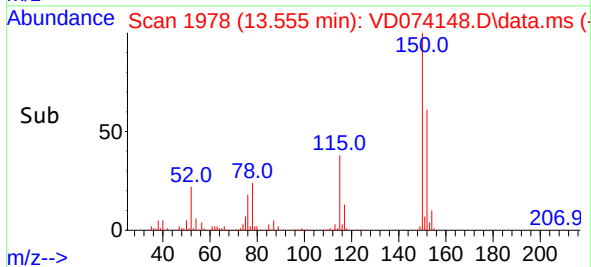
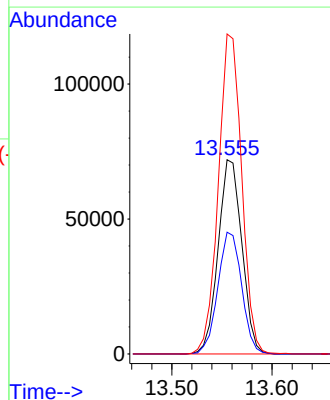
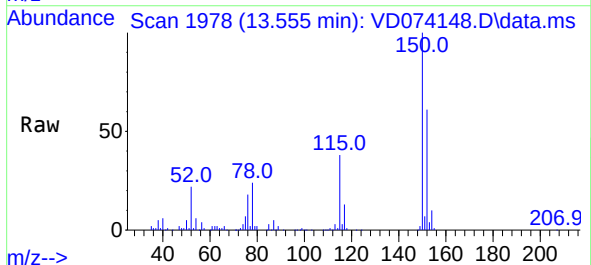
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

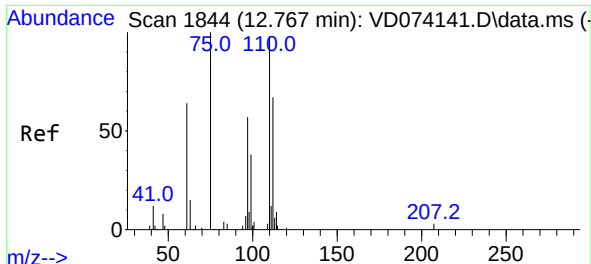
Tgt Ion:117 Resp: 275991
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 34.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion:152 Resp: 118302
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.8
150 162.2 0.0 348.6

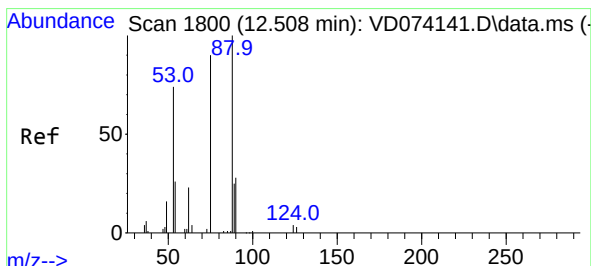
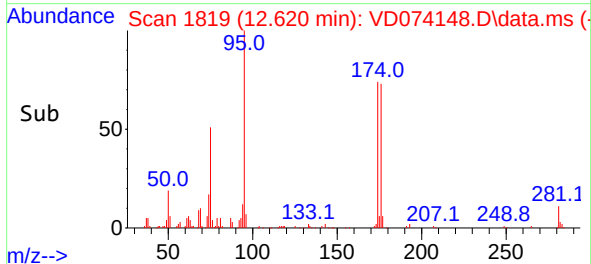
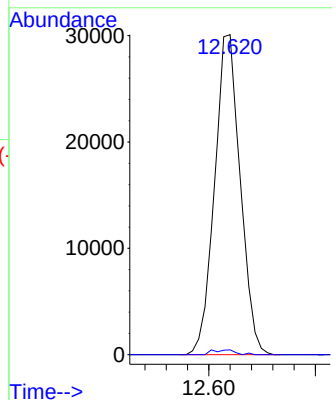
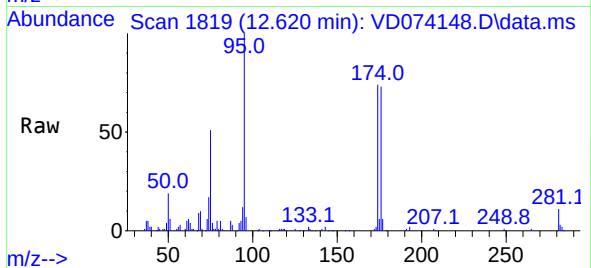




#76
1,2,3-Trichloropropane
Concen: 40.998 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

Tgt Ion: 75 Resp: 50227
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.280 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.112 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion: 75 Resp: 50227
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#

