

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072405.D
 Acq On : 24 Mar 2022 14:00
 Operator : VA/SY
 Sample : N2094-03
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-(Q1)

Quant Time: Mar 25 02:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	379405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	646752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	684666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	267597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200475	47.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.820%
35) Dibromofluoromethane	7.908	113	204936	45.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.338	98	794126	47.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.626	95	338574	52.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.720%

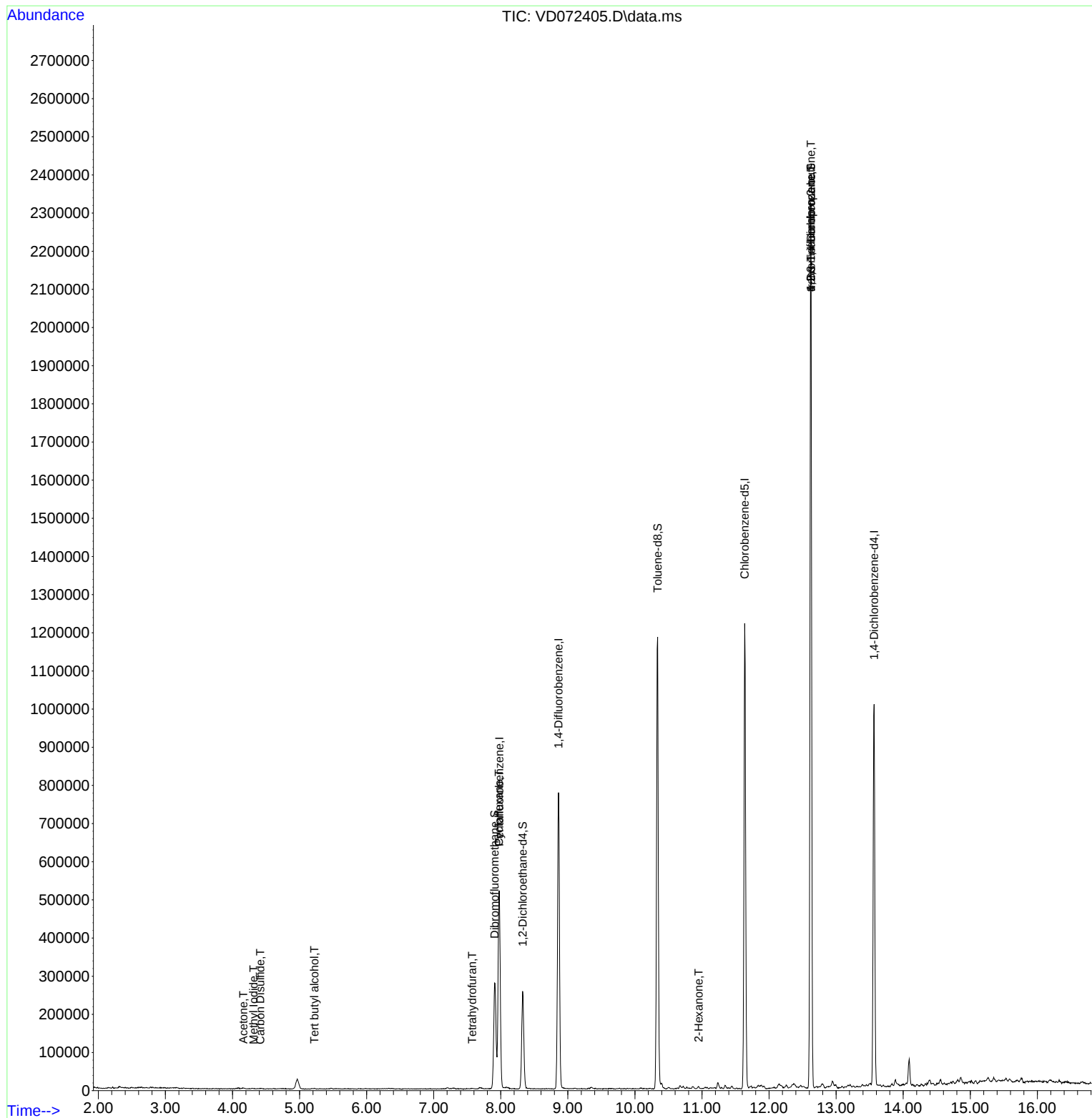
Target Compounds					Qvalue	
10) Methyl Iodide	4.314	142	1573	2.614	ug/l #	84
11) Tert butyl alcohol	5.220	59	1684	6.869	ug/l #	74
16) Acetone	4.161	43	3356	3.656	ug/l	96
17) Carbon Disulfide	4.414	76	1919	1.729	ug/l #	74
20) Methylene Chloride	4.961	84	18717	Below Cal		88
29) Tetrahydrofuran	7.573	42	1190	1.653	ug/l #	57
31) Cyclohexane	7.973	56	10002	1.514	ug/l #	1
59) 2-Hexanone	10.949	43	3133	1.591	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	190470	64.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	190470	160.096	ug/l #	8

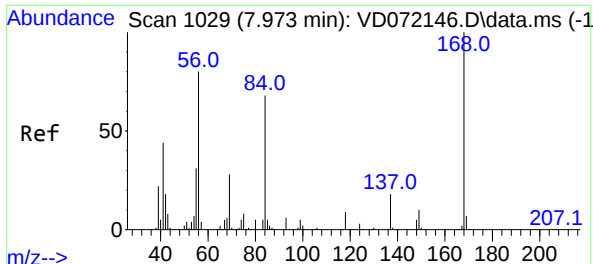
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 25 02:54:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

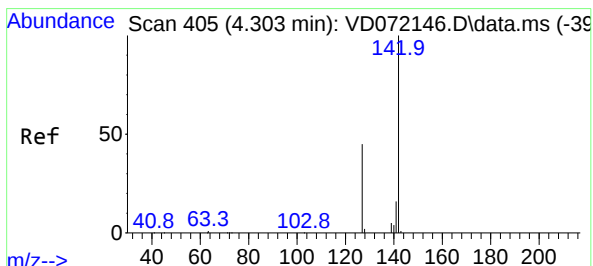
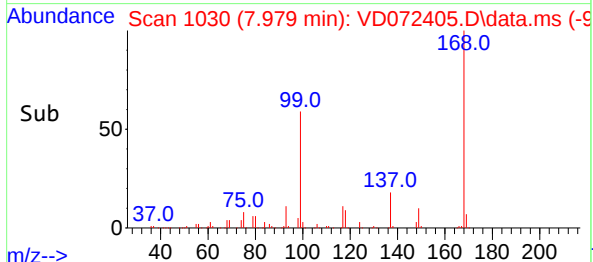
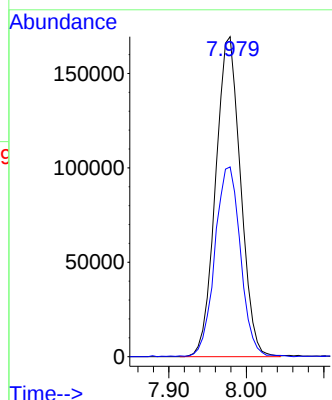
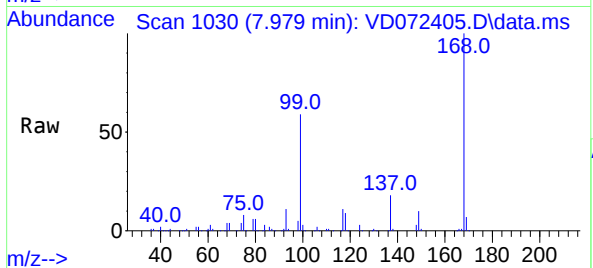




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

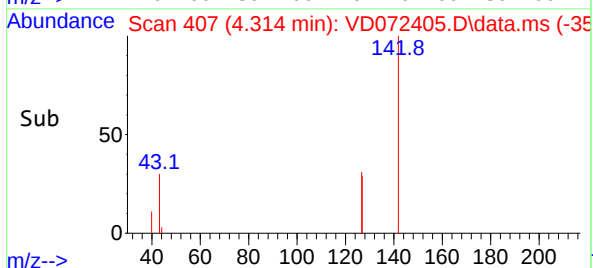
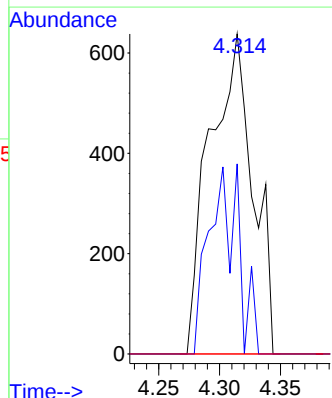
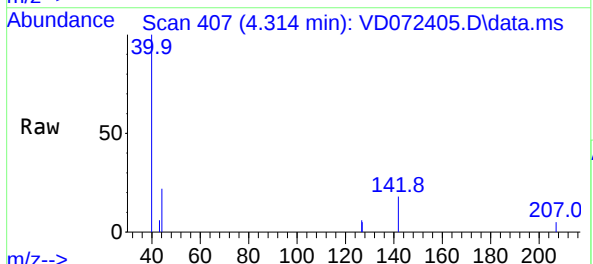
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

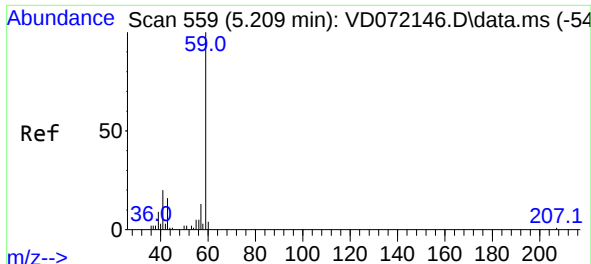
Tgt Ion:168 Resp: 379405
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#10
Methyl Iodide
Concen: 2.614 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion:142 Resp: 1573
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 0.0 11.7 17.5#

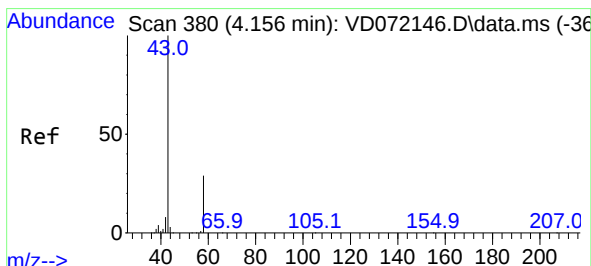
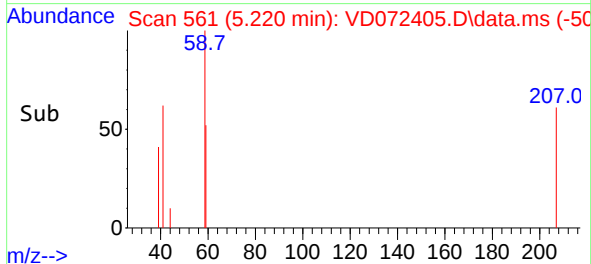
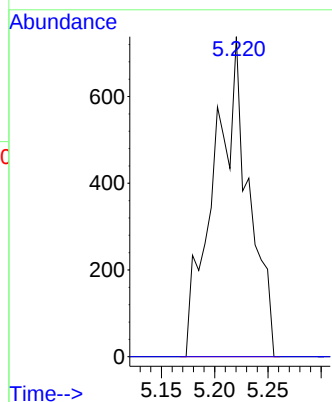
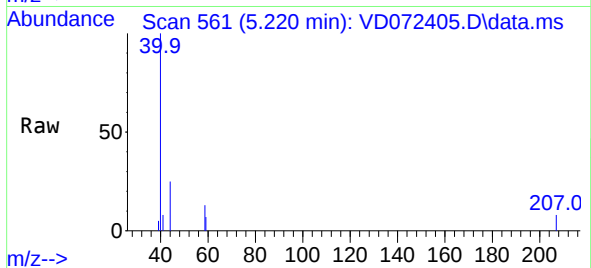




#11
Tert butyl alcohol
Concen: 6.869 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

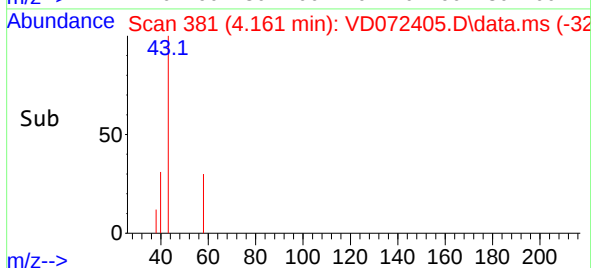
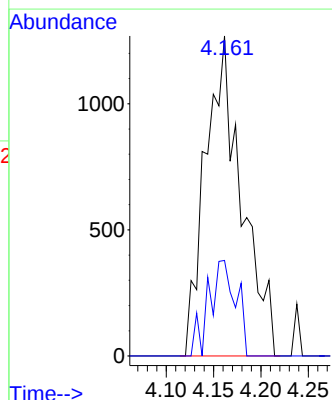
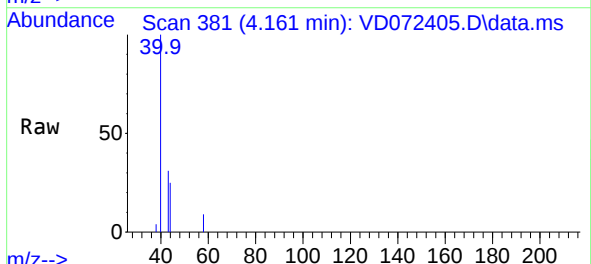
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

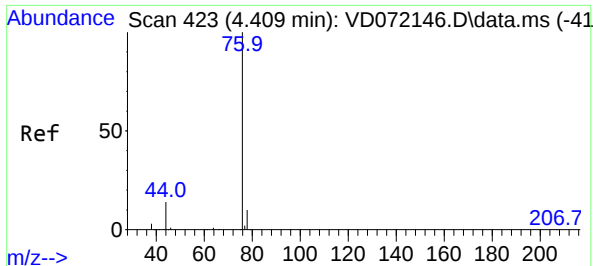
Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.656 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 43 Resp: 3356
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1

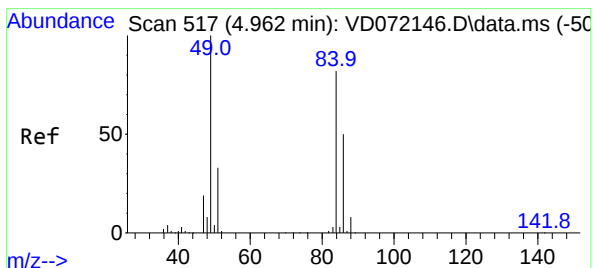
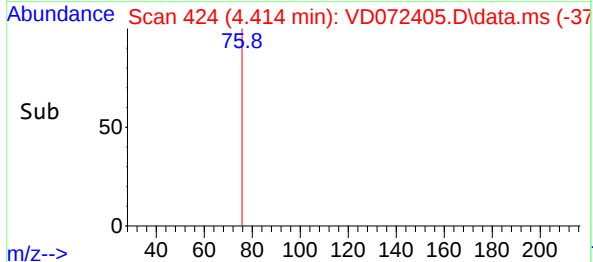
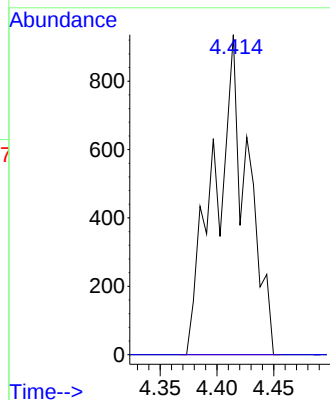
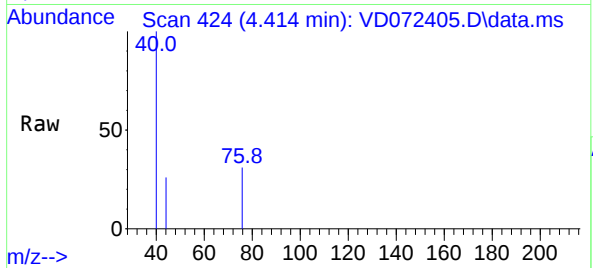




#17
Carbon Disulfide
Concen: 1.729 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

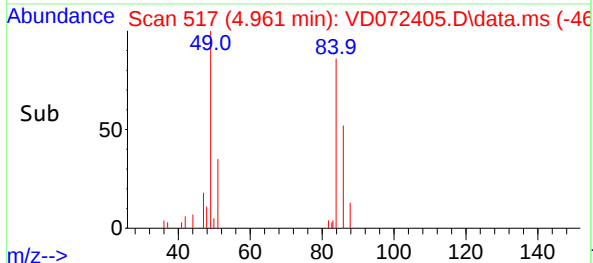
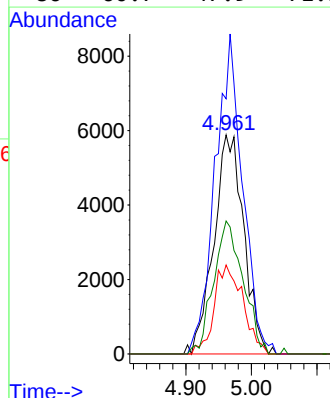
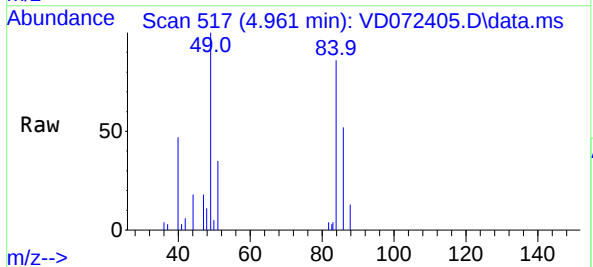
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

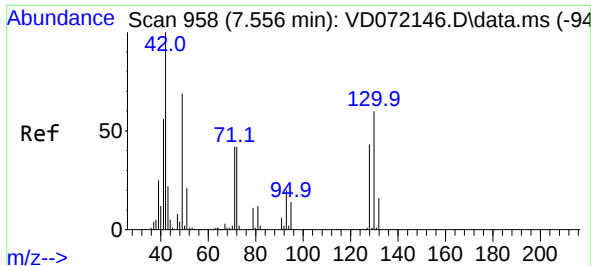
Tgt Ion: 76 Resp: 1919
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 84 Resp: 18717
Ion Ratio Lower Upper
84 100
49 116.6 112.8 169.2
51 40.6 32.6 48.8
86 60.7 47.9 71.9

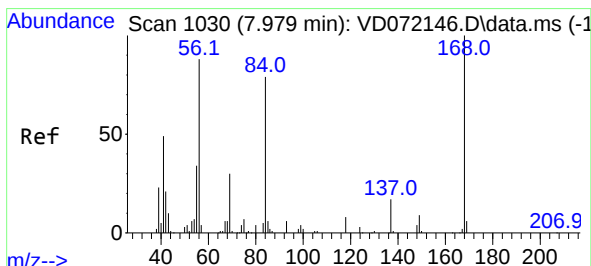
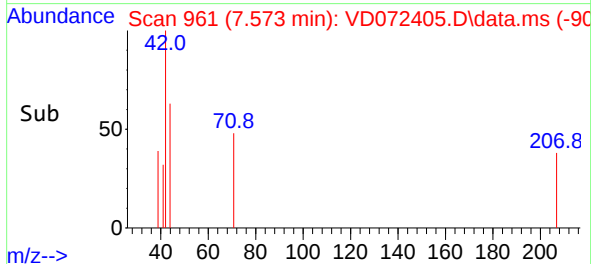
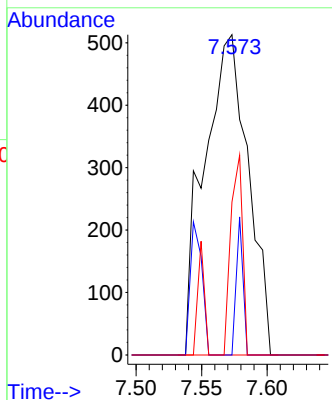
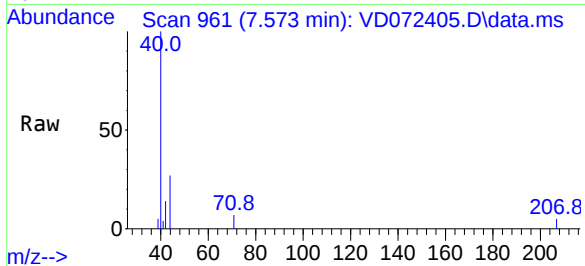




#29
Tetrahydrofuran
Concen: 1.653 ug/l
RT: 7.573 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

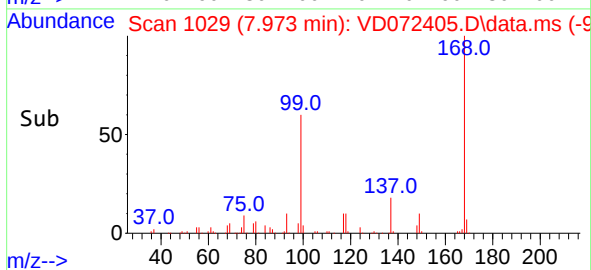
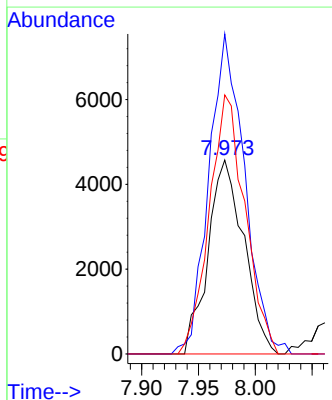
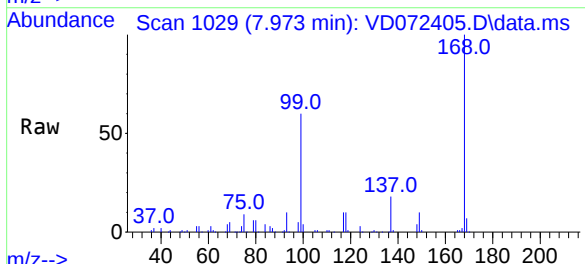
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

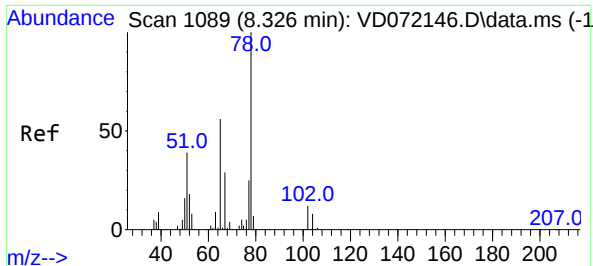
Tgt Ion: 42 Resp: 1190
Ion Ratio Lower Upper
42 100
72 6.6 30.7 46.1#
71 16.7 28.6 43.0#



#31
Cyclohexane
Concen: 1.514 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 56 Resp: 10002
Ion Ratio Lower Upper
56 100
69 161.3 25.4 38.2#
84 133.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.413 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072405.D

Acq: 24 Mar 2022 14:00

Instrument :

MSVOA_D

ClientSampleId :

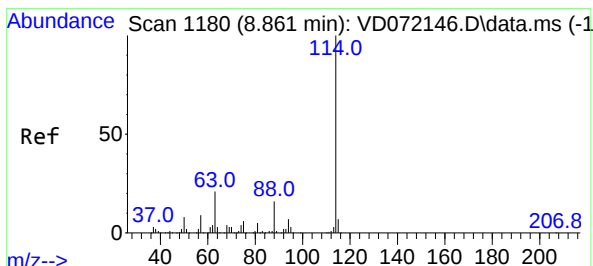
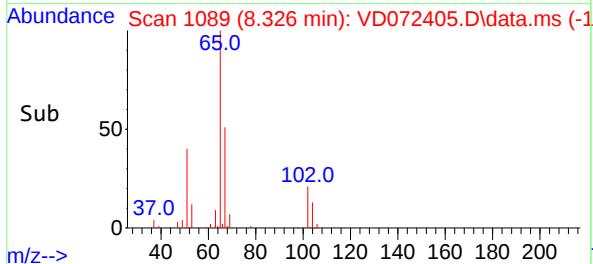
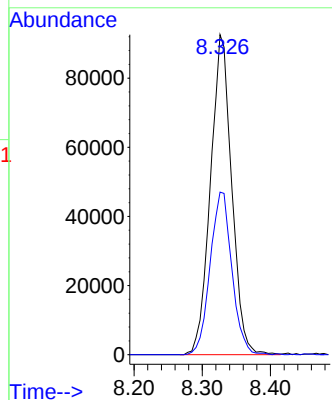
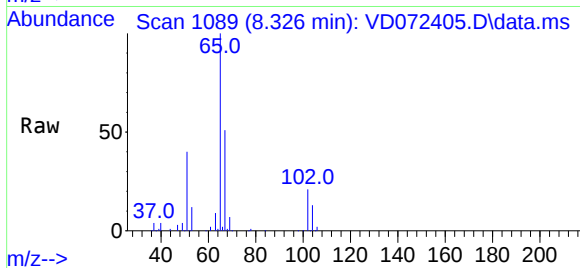
WC-2-(Q1)

Tgt Ion: 65 Resp: 200475

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072405.D

Acq: 24 Mar 2022 14:00

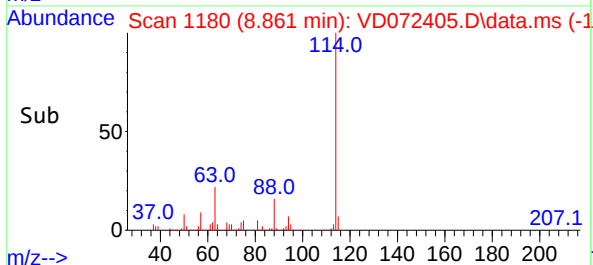
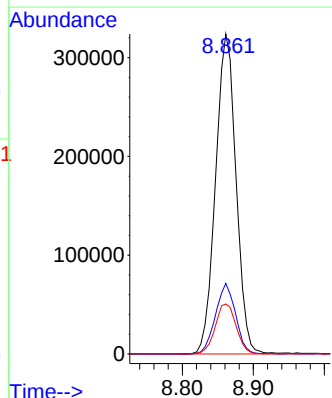
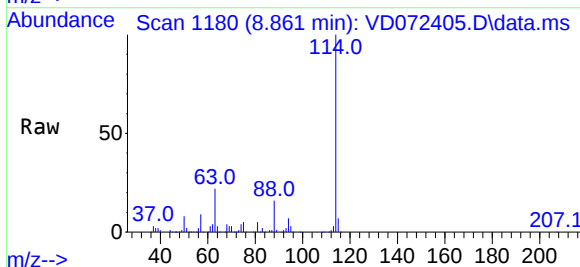
Tgt Ion: 114 Resp: 646752

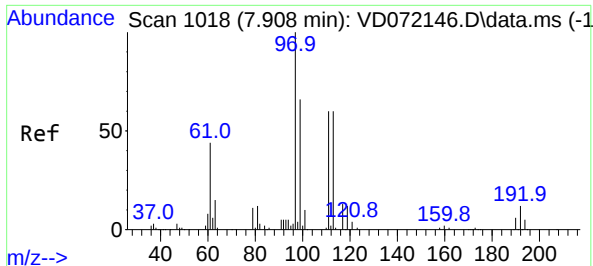
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 15.6 0.0 33.2

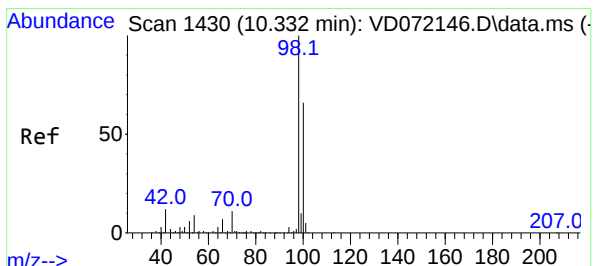
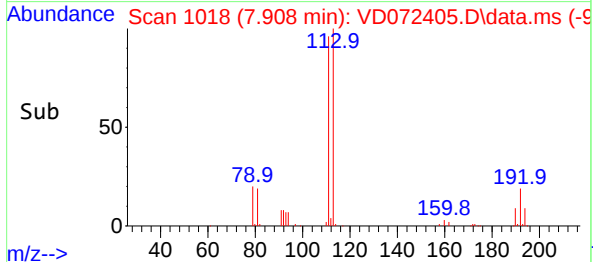
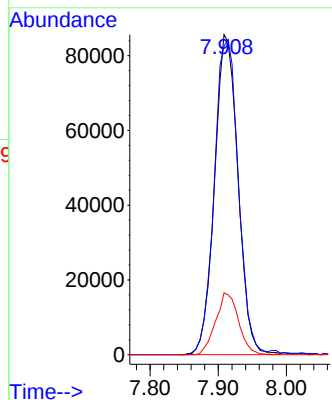
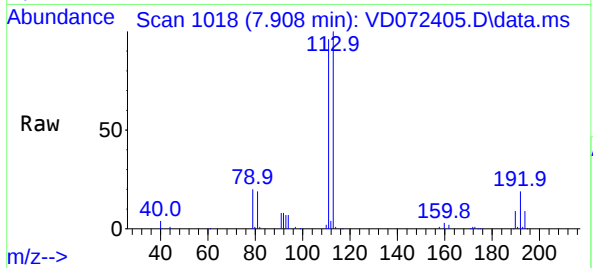




#35
Dibromofluoromethane
Concen: 45.029 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

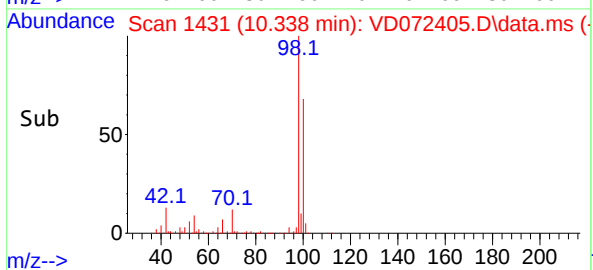
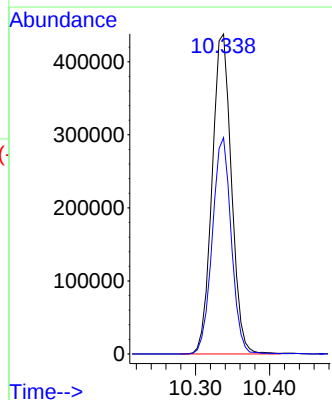
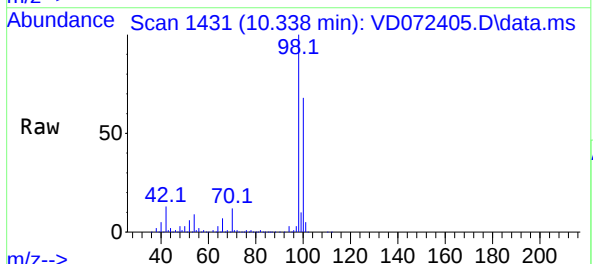
Instrument :
MSVOA_D
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WC-2-(Q1)

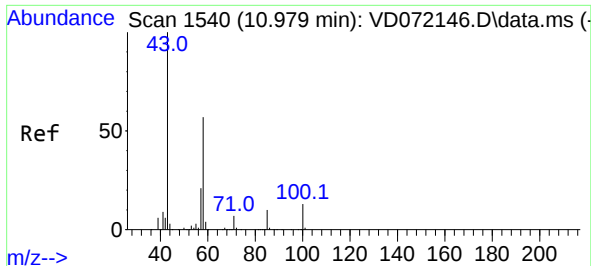
Tgt Ion:113 Resp: 204936
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.6
192 18.8 14.6 21.8



#50
Toluene-d8
Concen: 47.719 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 98 Resp: 794126
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

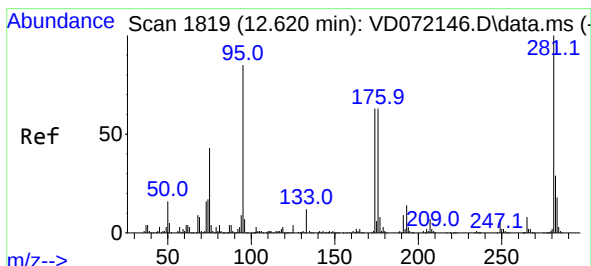
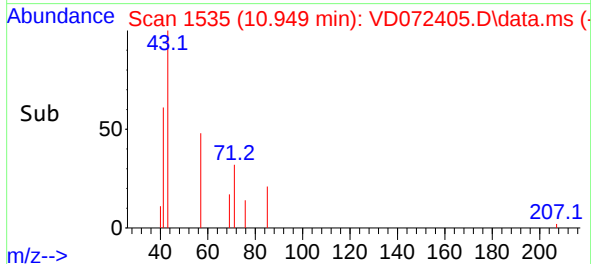
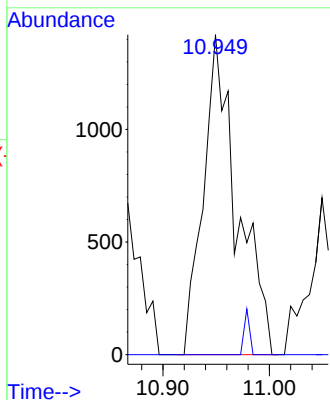
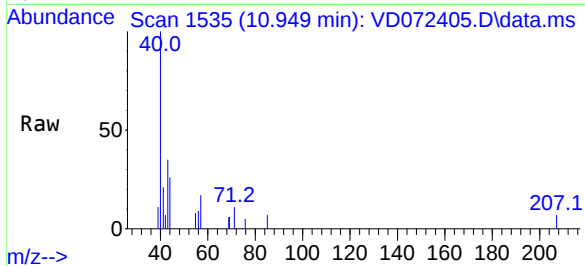




#59
2-Hexanone
Concen: 1.591 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

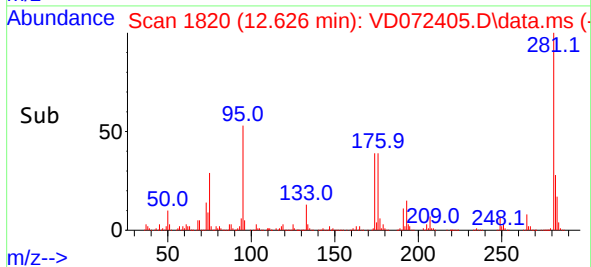
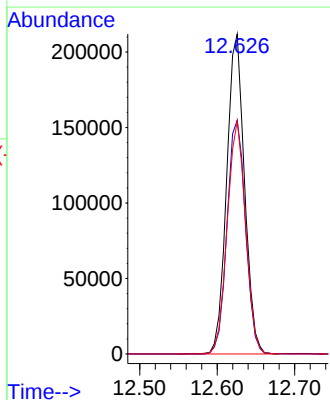
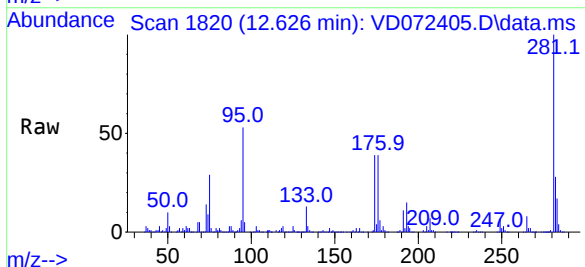
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

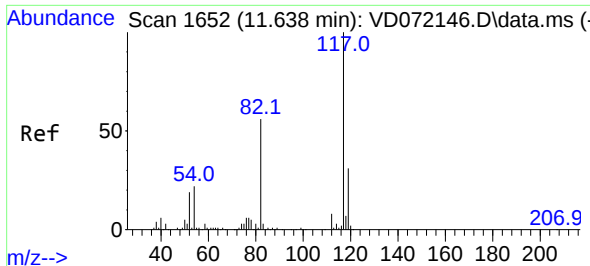
Tgt Ion: 43 Resp: 3133
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 52.361 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 95 Resp: 338574
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 74.7 0.0 145.4

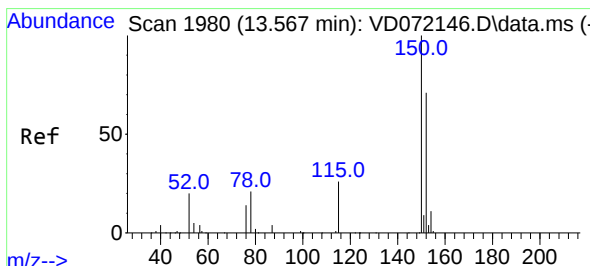
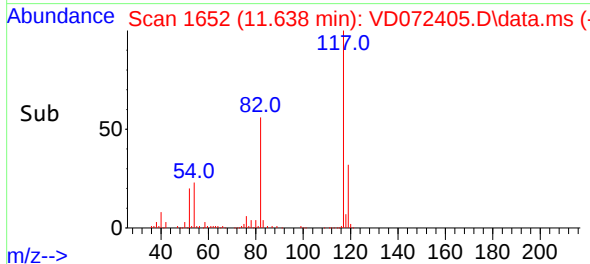
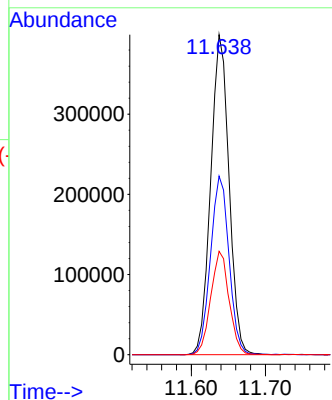
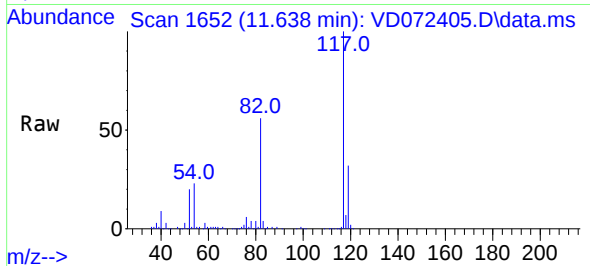




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

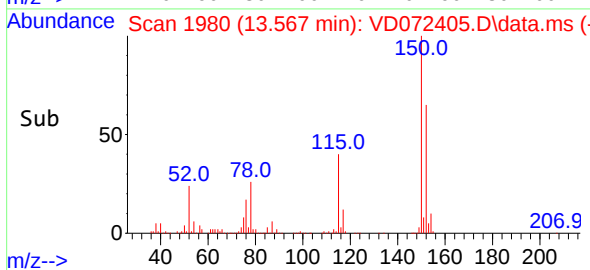
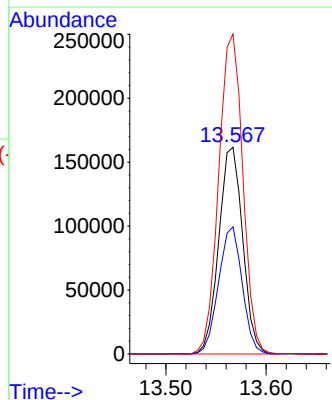
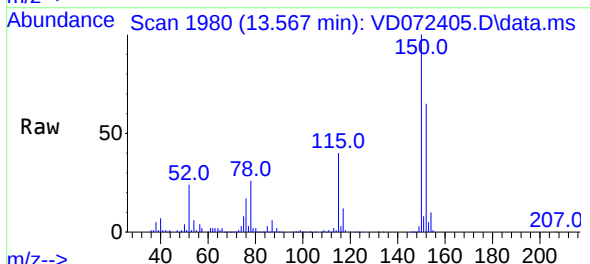
Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

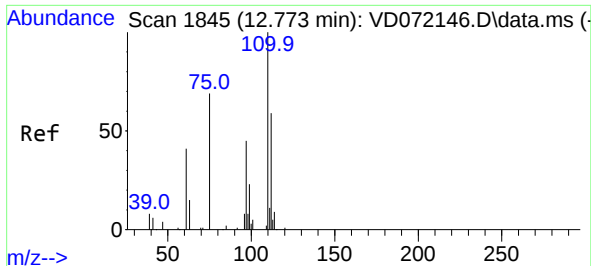
Tgt Ion:117 Resp: 684666
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion:152 Resp: 267597
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.6 0.0 348.6

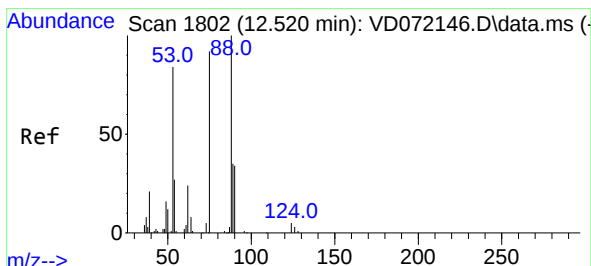
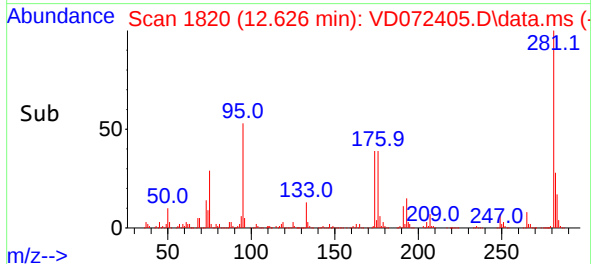
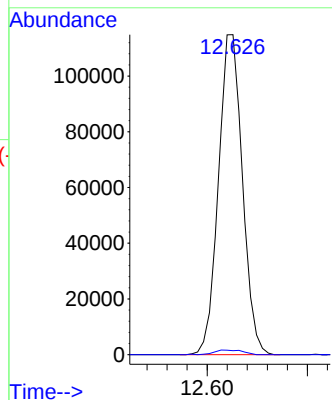
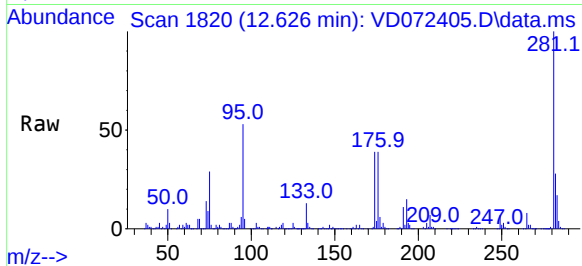




#76
1,2,3-Trichloropropane
Concen: 64.526 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :
WC-2-(Q1)

Tgt Ion: 75 Resp: 190470
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 160.096 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072405.D
Acq: 24 Mar 2022 14:00

Tgt Ion: 75 Resp: 190470
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.8 33.9 50.9#

