

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071822.D
 Acq On : 28 Jan 2022 14:22
 Operator : VA/SY
 Sample : N1315-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-012722

Quant Time: Jan 29 04:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

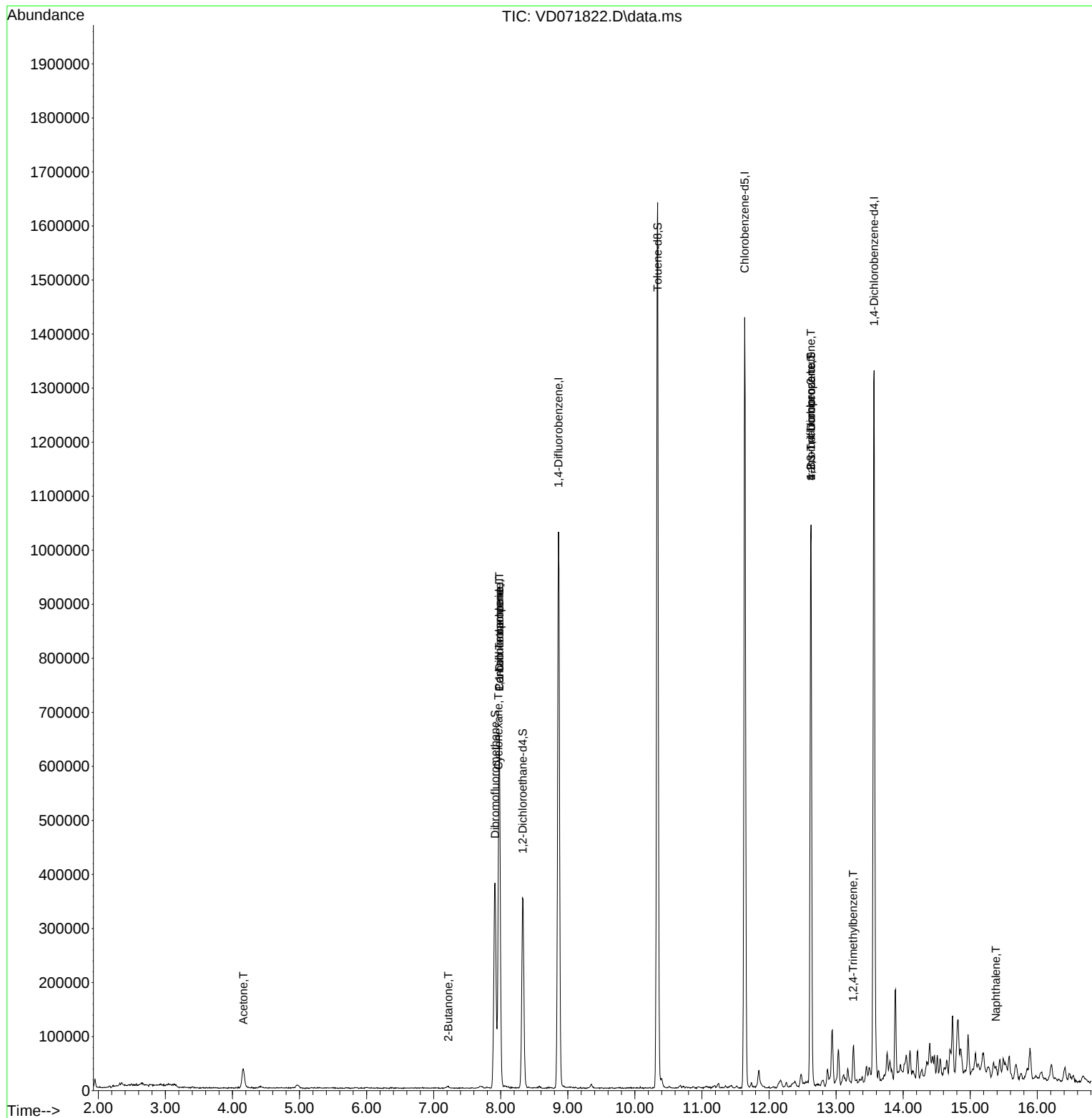
Internal Standards						
1) Pentafluorobenzene	7.979	168	436027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	833716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	330098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	280167	50.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.914	113	273266	49.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.338	98	1061830	51.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.626	95	336070	47.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.040%
Target Compounds						
11) Tert butyl alcohol	5.215	59	70	Below Cal	#	74
16) Acetone	4.162	43	64559	42.793	ug/l	100
20) Methylene Chloride	4.956	84	4344	Below Cal	#	65
25) 2-Butanone	7.220	43	3516	1.999	ug/l	100
31) Cyclohexane	7.967	56	13926	1.324	ug/l	# 45
36) 1,1-Dichloropropene	7.979	75	42069	4.473	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	48569	5.221	ug/l	# 18
76) 1,2,3-Trichloropropane	12.626	75	185046	53.192	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	185046	130.787	ug/l	# 7
84) 1,2,4-Trimethylbenzene	13.255	105	37027	1.775	ug/l	99
95) Naphthalene	15.385	128	9382	2.248	ug/l	# 81

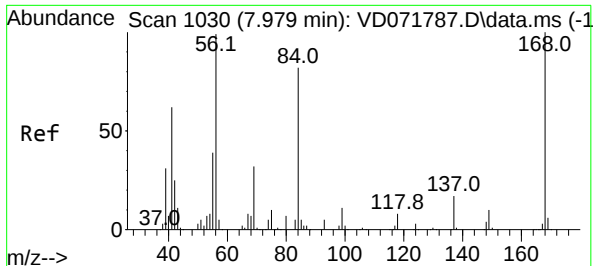
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
Data File : VD071822.D
Acq On : 28 Jan 2022 14:22
Operator : VA/SY
Sample : N1315-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

Quant Time: Jan 29 04:51:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

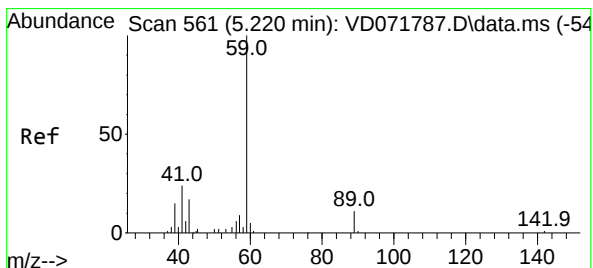
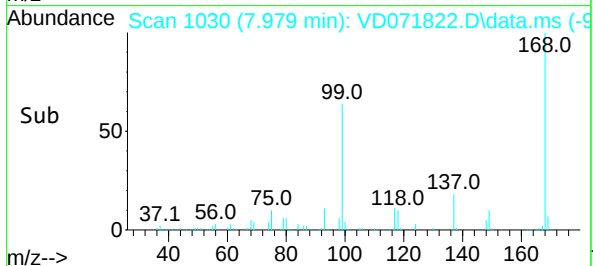
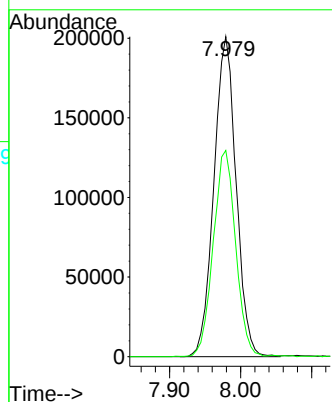
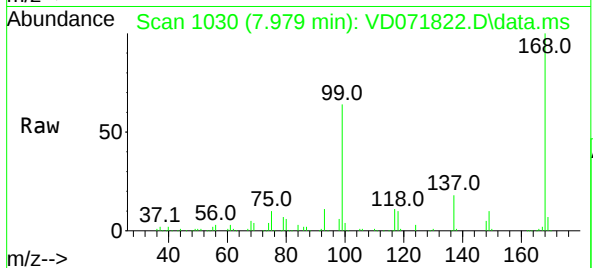




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

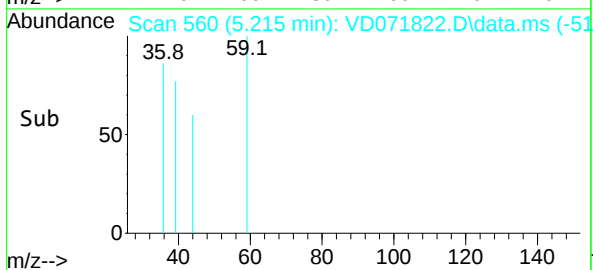
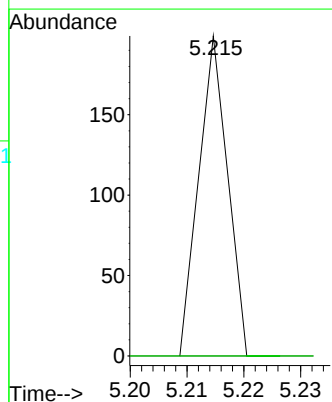
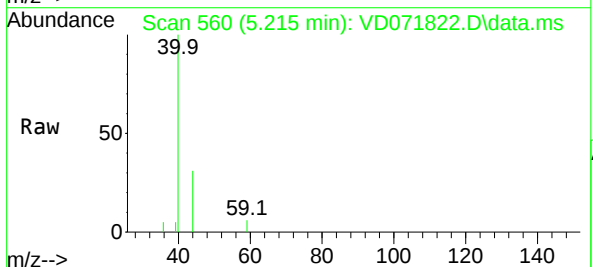
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

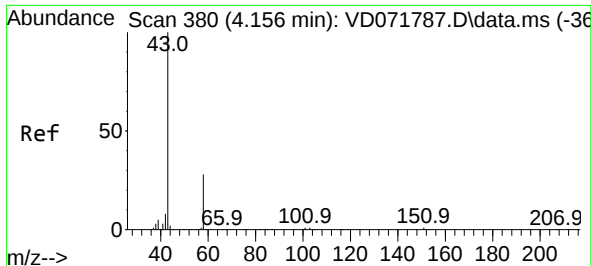
Tgt Ion:168 Resp: 436027
Ion Ratio Lower Upper
168 100
99 64.3 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

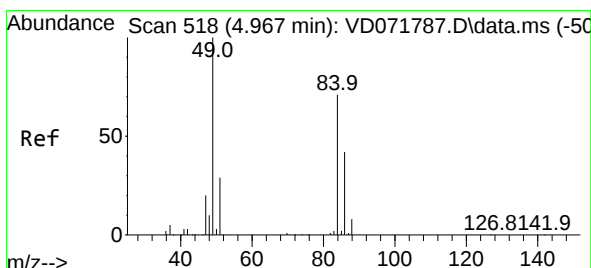
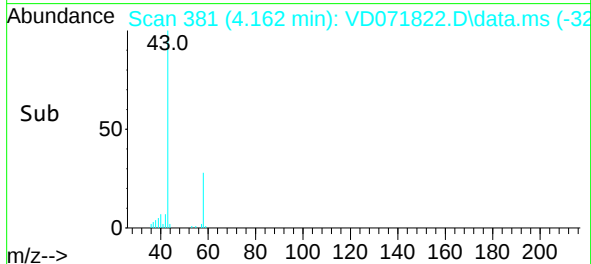
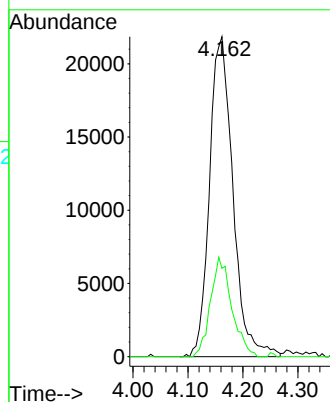
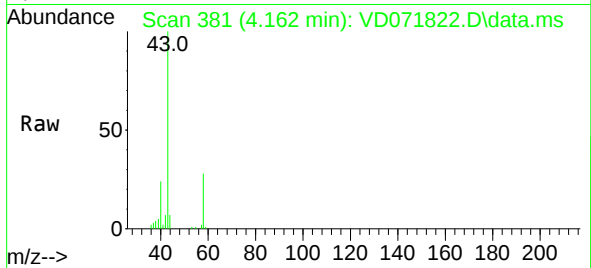




#16
Acetone
Concen: 42.793 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

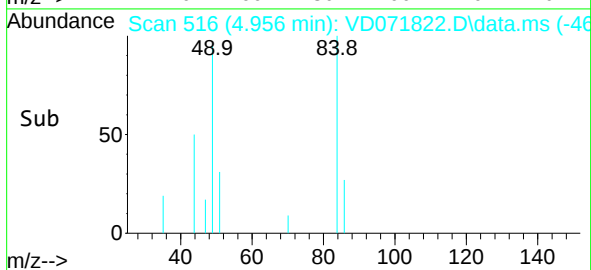
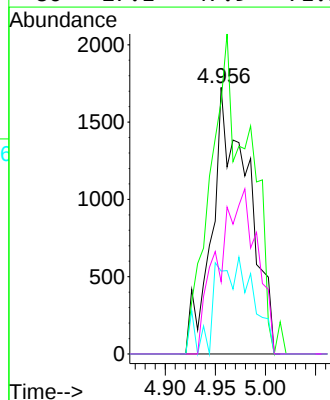
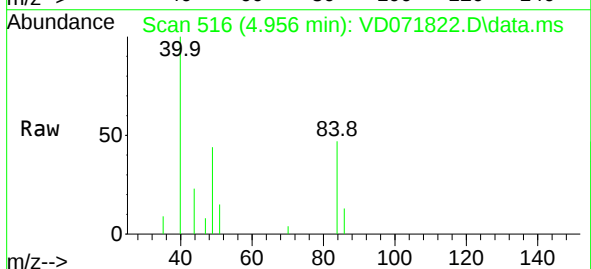
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

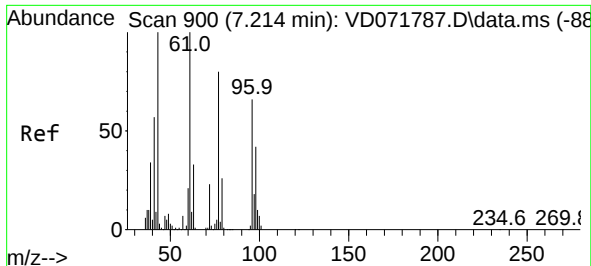
Tgt Ion: 43 Resp: 64559
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 84 Resp: 4344
Ion Ratio Lower Upper
84 100
49 94.8 112.8 169.2#
51 31.1 32.6 48.8#
86 27.1 47.9 71.9#

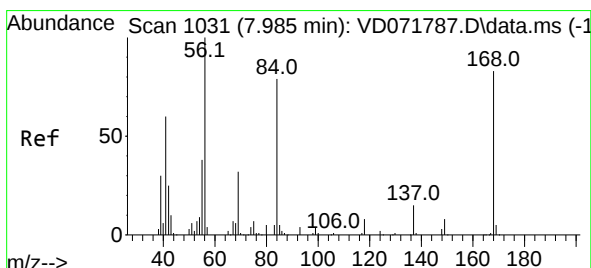
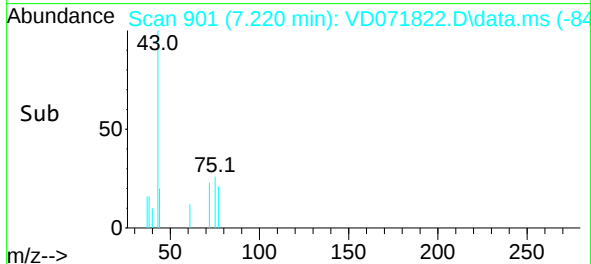
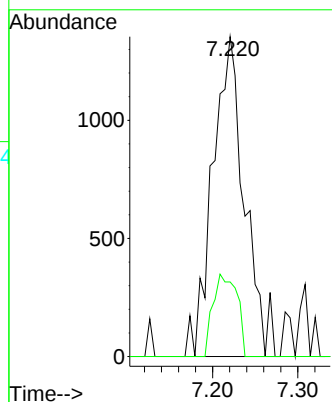
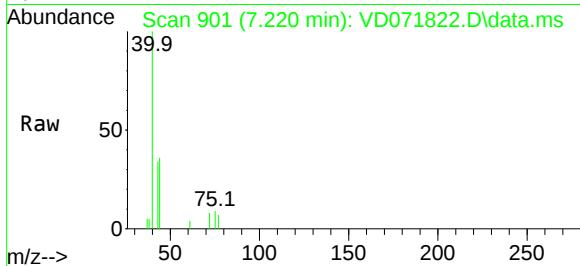




#25
2-Butanone
Concen: 1.999 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

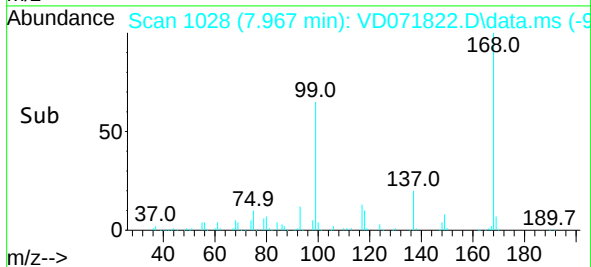
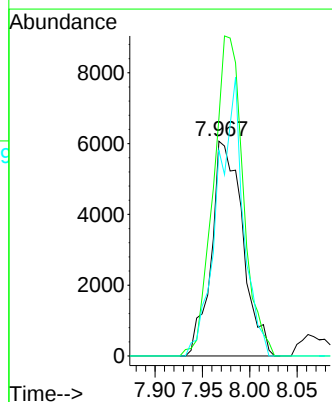
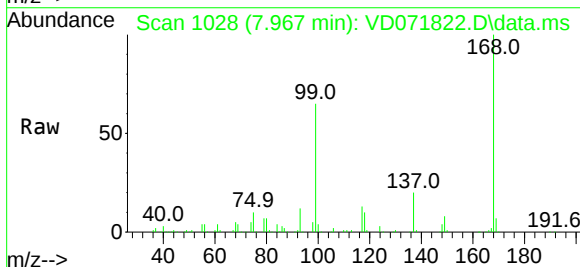
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

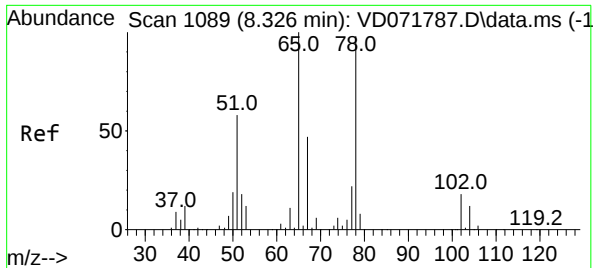
Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
72 23.3 18.6 27.8



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 56 Resp: 13926
Ion Ratio Lower Upper
56 100
69 110.7 25.4 38.2#
84 95.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.836 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD071822.D

Acq: 28 Jan 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

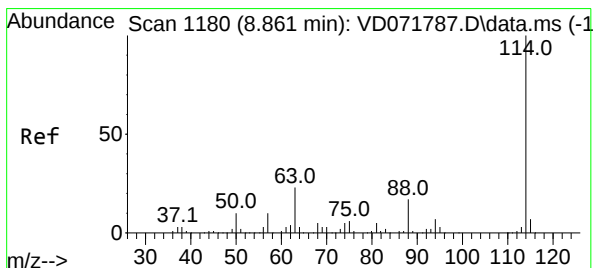
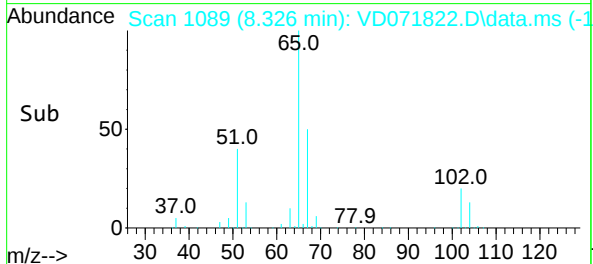
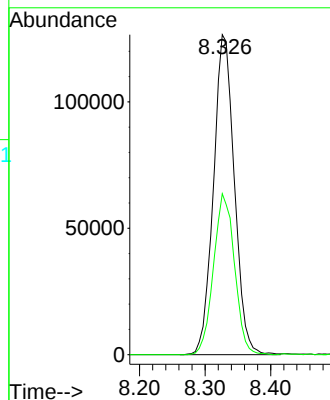
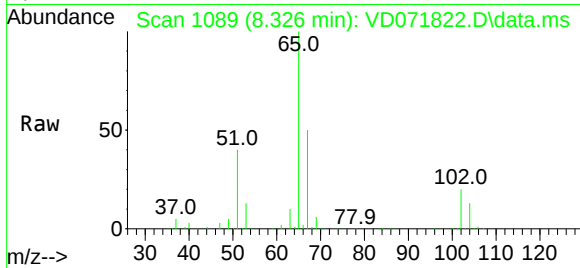
OK-02-012722

Tgt Ion: 65 Resp: 280167

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071822.D

Acq: 28 Jan 2022 14:22

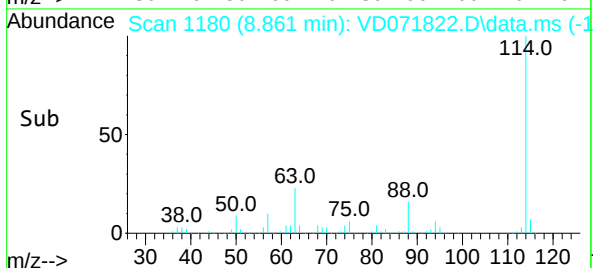
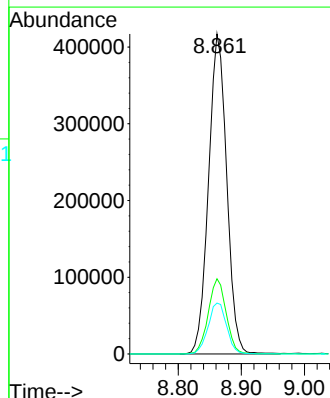
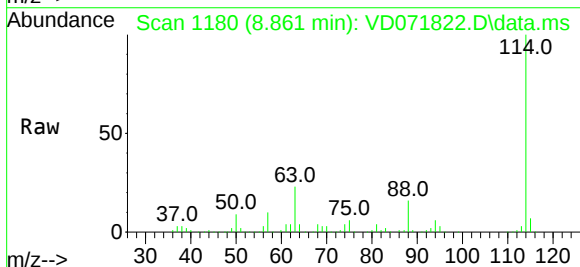
Tgt Ion: 114 Resp: 833716

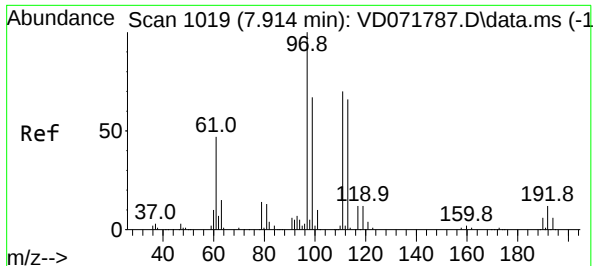
Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.864 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071822.D

Acq: 28 Jan 2022 14:22

Instrument :

MSVOA_D

ClientSampleId :

OK-02-012722

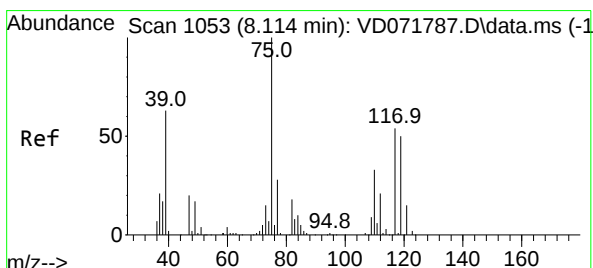
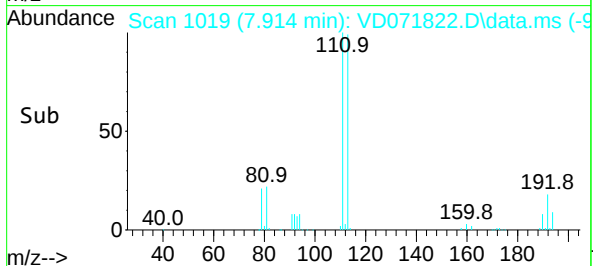
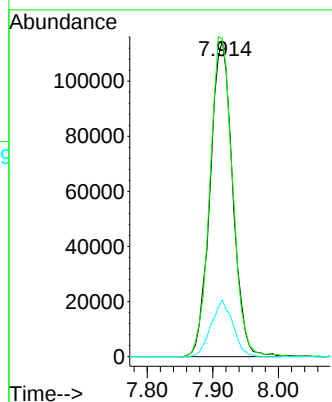
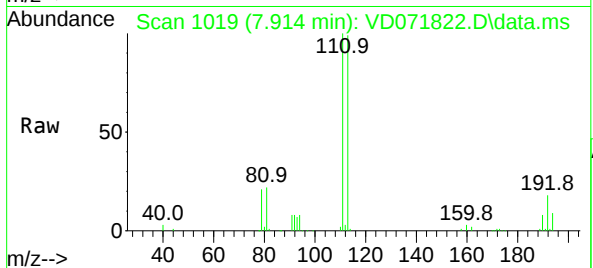
Tgt Ion:113 Resp: 273266

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.473 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071822.D

Acq: 28 Jan 2022 14:22

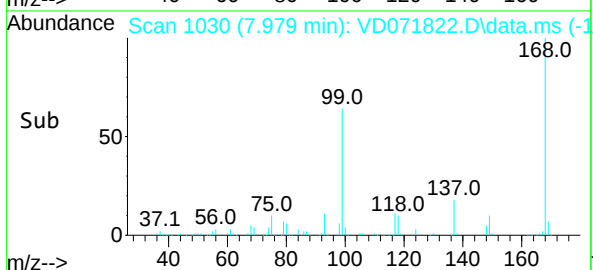
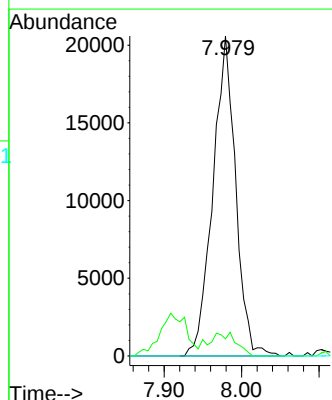
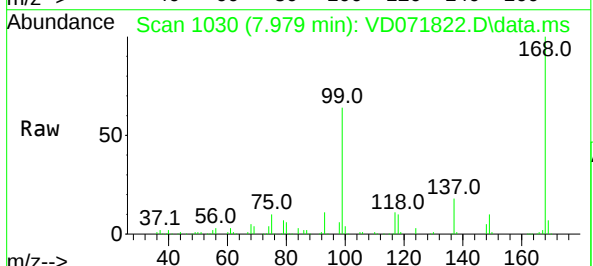
Tgt Ion: 75 Resp: 42069

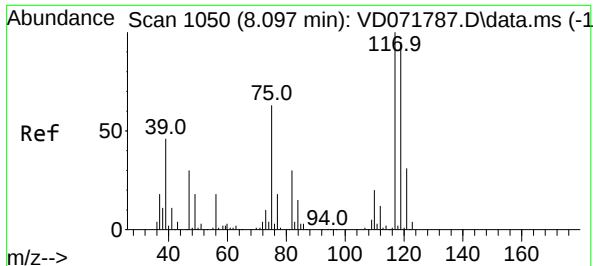
Ion Ratio Lower Upper

75 100

110 8.8 16.4 49.1#

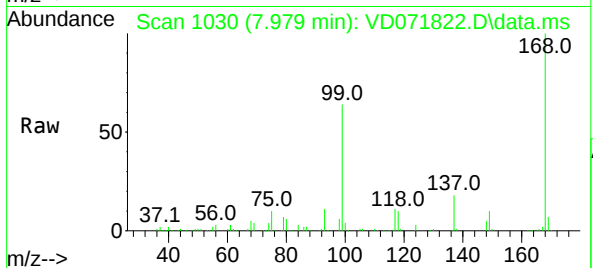
77 0.0 24.2 36.2#



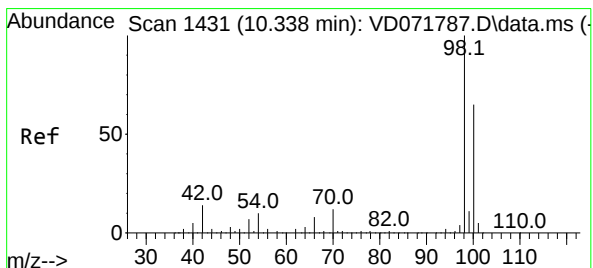
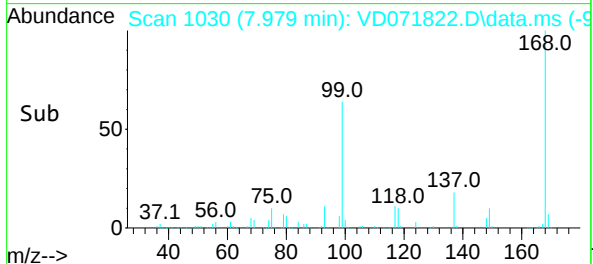
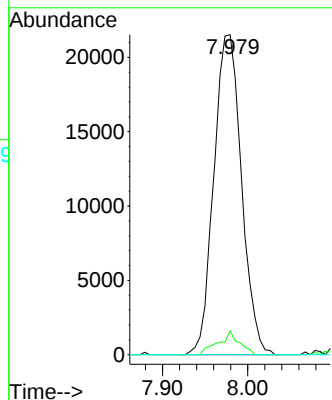


#38
Carbon Tetrachloride
Concen: 5.221 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

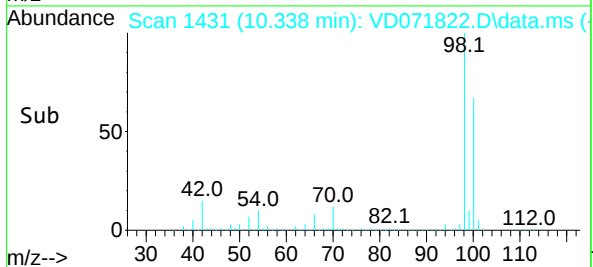
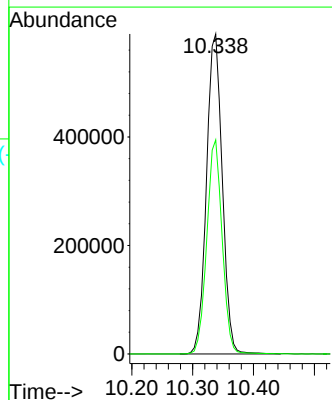
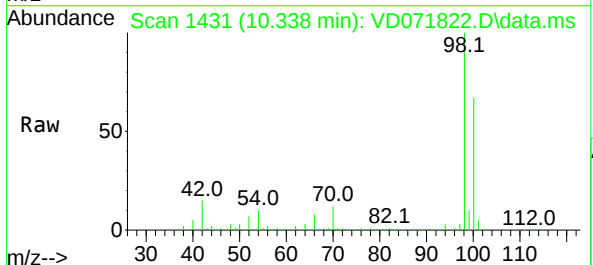


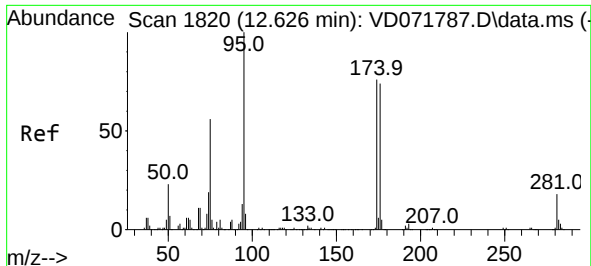
Tgt Ion:117 Resp: 48569
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.880 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 98 Resp: 1061830
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

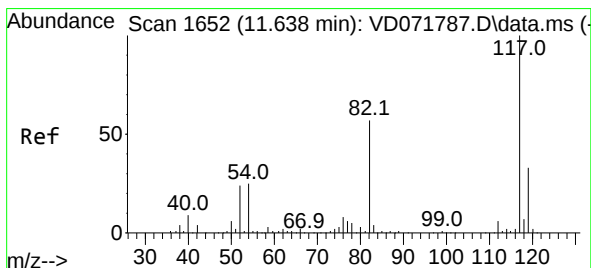
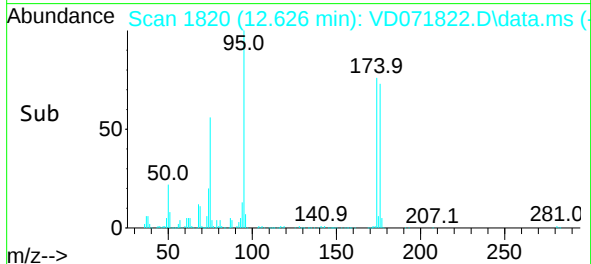
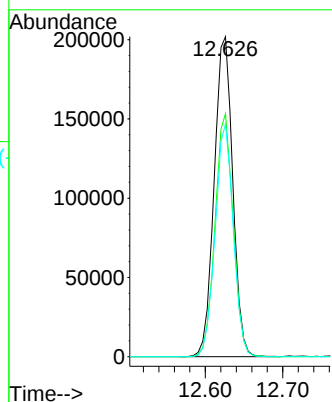
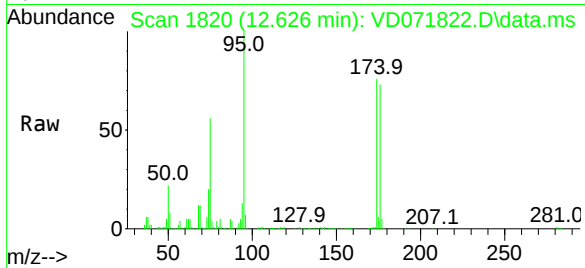




#62
4-Bromofluorobenzene
Concen: 47.020 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

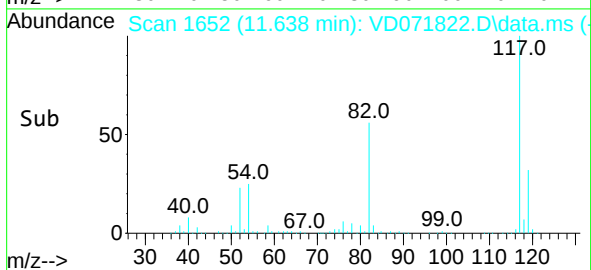
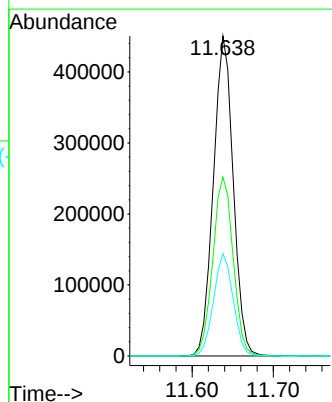
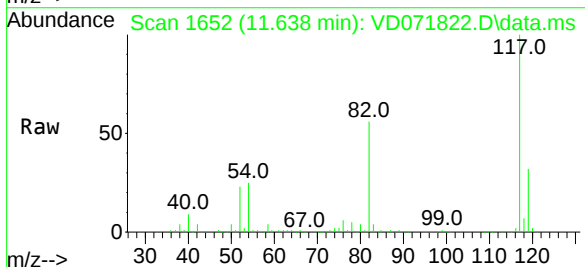
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

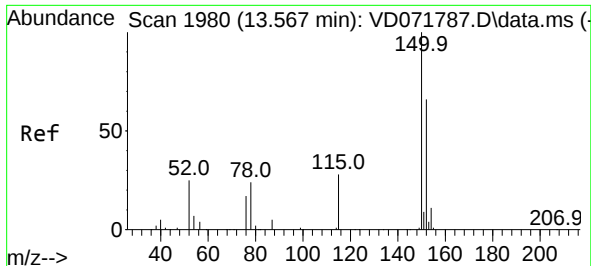
Tgt Ion: 95 Resp: 336070
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 71.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 117 Resp: 766132
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.9 26.6 40.0

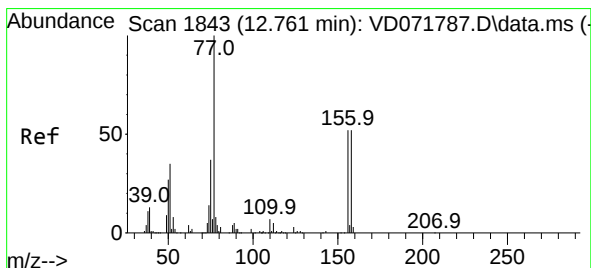
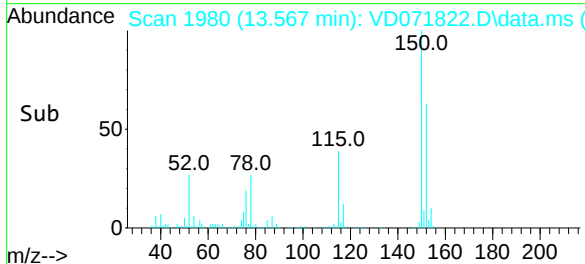
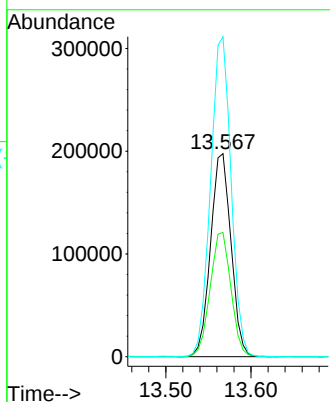
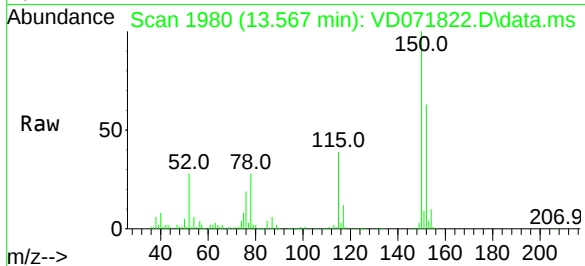




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

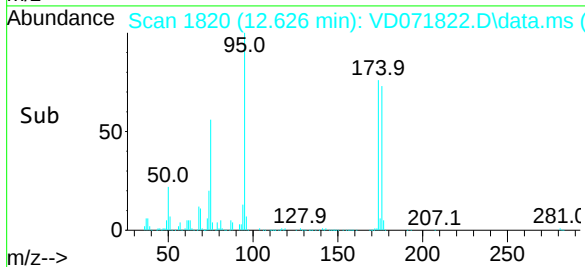
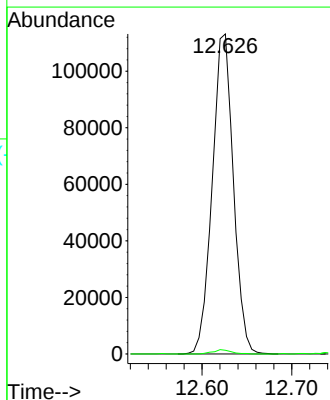
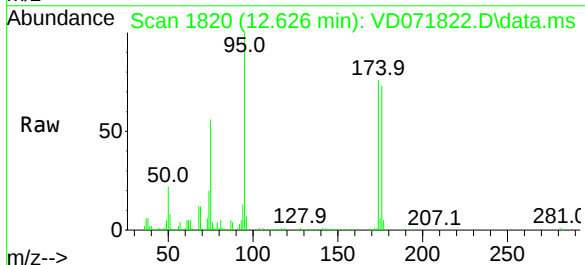
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

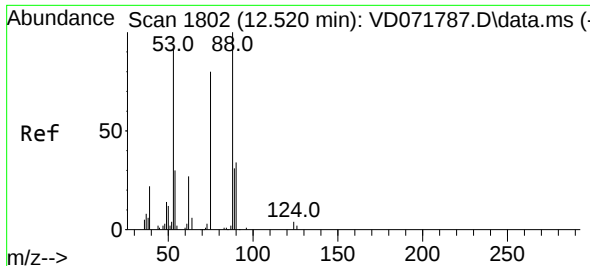
Tgt Ion:152 Resp: 330098
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 157.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 53.192 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Tgt Ion: 75 Resp: 185046
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

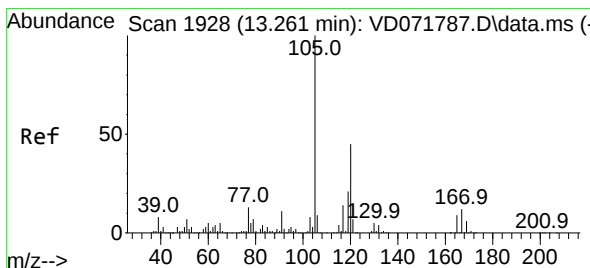
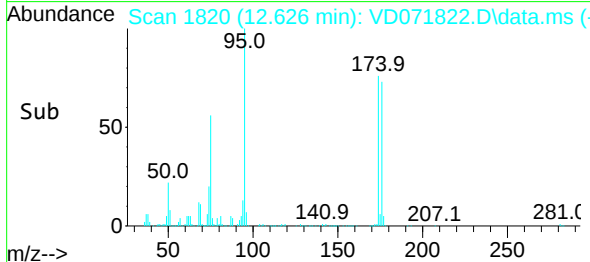
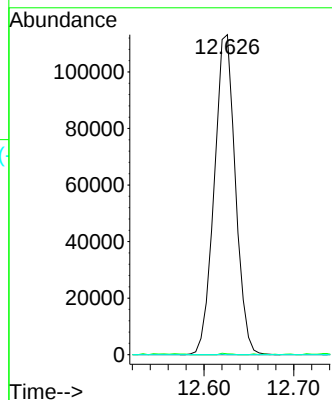
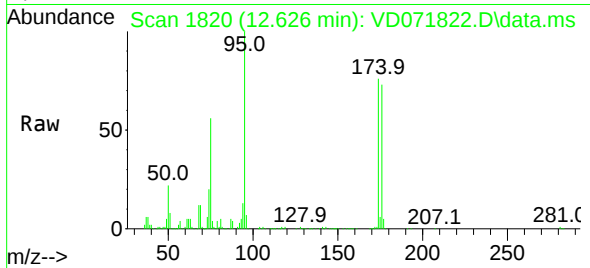




#81
trans-1,4-Dichloro-2-butene
Concen: 130.787 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

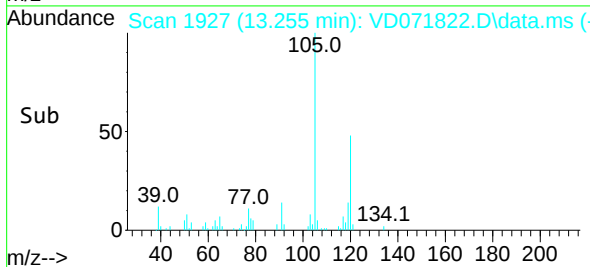
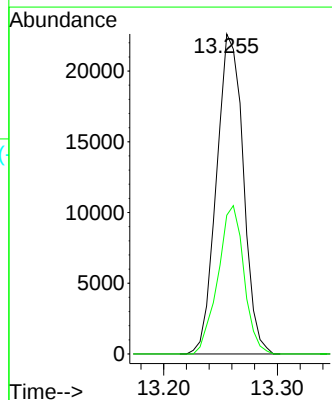
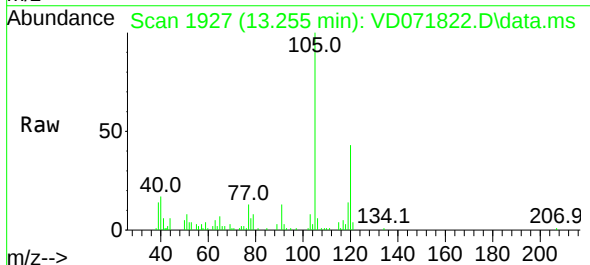
Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722

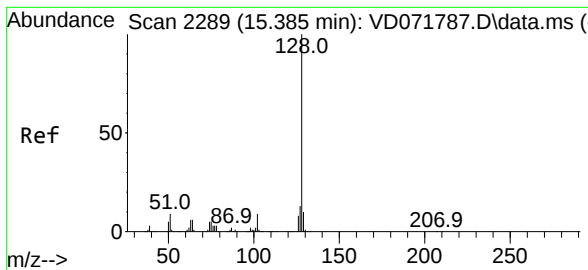
Tgt Ion: 75 Resp: 185046
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#84
1,2,4-Trimethylbenzene
Concen: 1.775 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

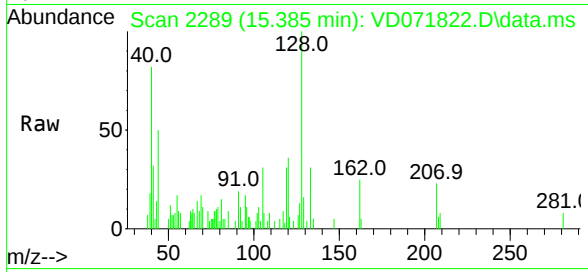
Tgt Ion: 105 Resp: 37027
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#95
Naphthalene
Concen: 2.248 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071822.D
Acq: 28 Jan 2022 14:22

Instrument :
MSVOA_D
ClientSampleId :
OK-02-012722



Tgt Ion:	128	Resp:	9382
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.3	15.5#
129	0.0	8.4	12.6#

