

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074113.D
 Acq On : 16 Aug 2022 20:45
 Operator : VA/SY
 Sample : N4152-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-081022

Quant Time: Aug 16 20:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

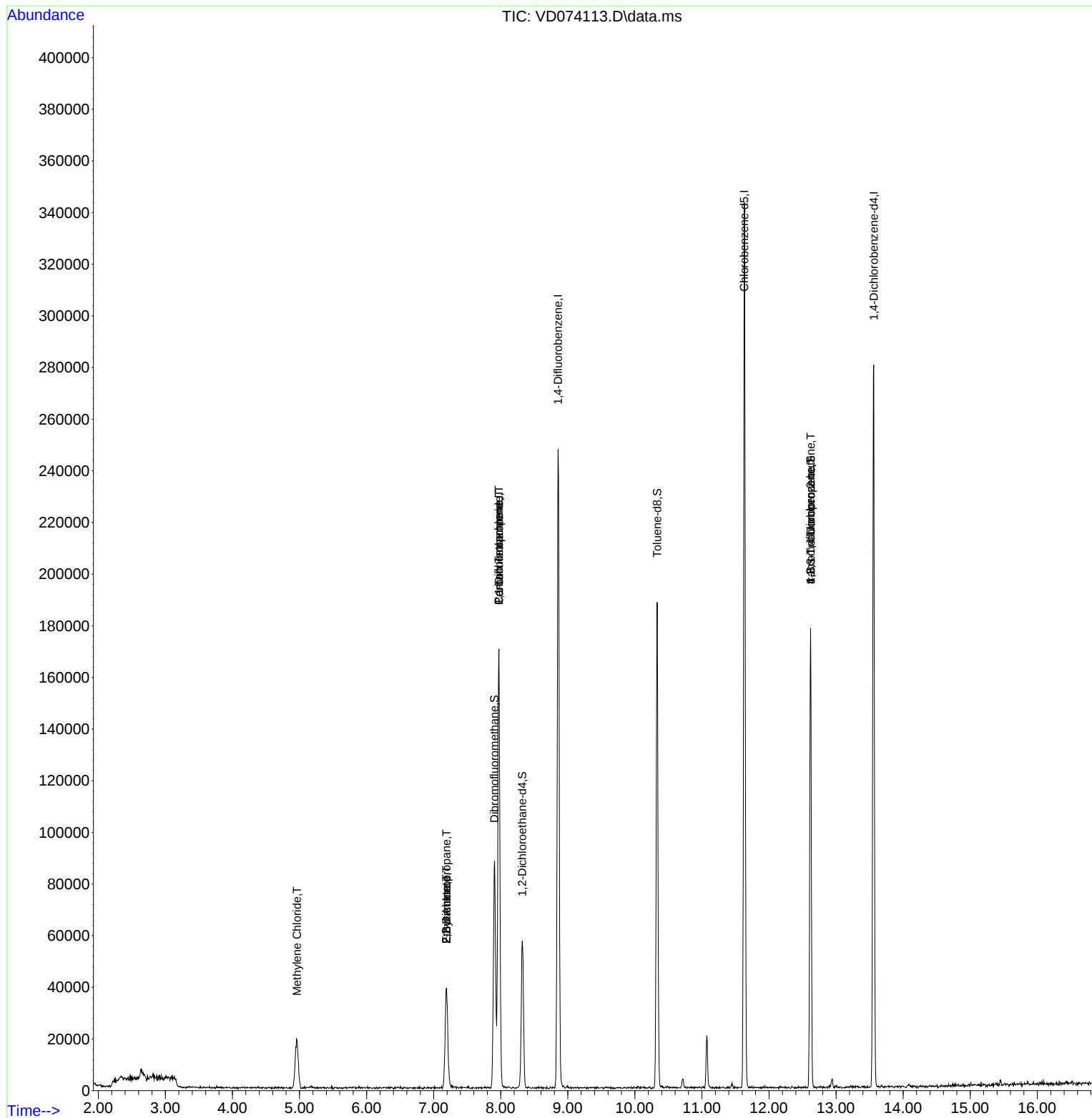
Internal Standards						
1) Pentafluorobenzene	7.973	168	117673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	210948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	189894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	72683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	46584	53.736	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.480%			
35) Dibromofluoromethane	7.903	113	60572	44.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.860%			
50) Toluene-d8	10.332	98	125596	30.687	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 61.380%			
62) 4-Bromofluorobenzene	12.620	95	56390	33.365	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 66.740%			
Target Compounds						Qvalue
3) Chloromethane	2.209	50	186	Below Cal	#	40
6) Chloroethane	2.732	64	63	Below Cal	#	42
11) Tert butyl alcohol	5.232	59	61	Below Cal	#	74
16) Acetone	4.156	43	433	Below Cal	#	47
18) Methyl Acetate	4.715	43	72	Below Cal	#	55
20) Methylene Chloride	4.962	84	15097	1.083	ug/l #	81
25) 2-Butanone	7.191	43	2456	8.166	ug/l #	86
26) 2,2-Dichloropropane	7.191	77	2534	1.194	ug/l #	54
31) Cyclohexane	7.973	56	2839	Below Cal	#	34
36) 1,1-Dichloropropene	7.973	75	10462	5.691	ug/l #	47
37) Ethyl Acetate	7.191	43	2456	3.369	ug/l #	33
38) Carbon Tetrachloride	7.973	117	12892	6.076	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	30274	46.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	30274	130.362	ug/l #	7

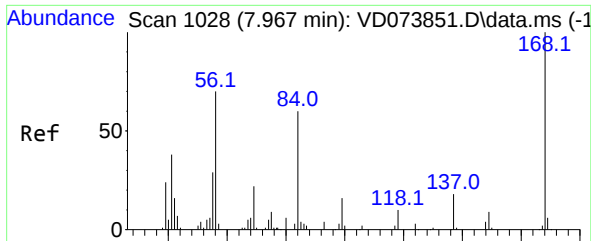
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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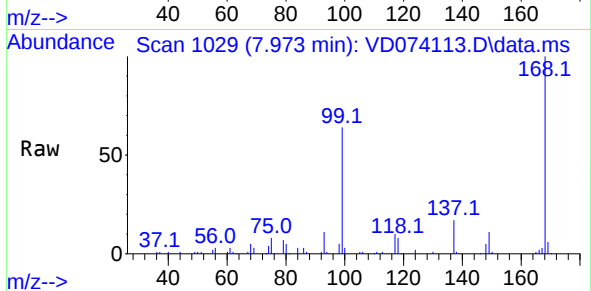
Quant Time: Aug 16 20:55:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 2022
Response via : Initial Calibration



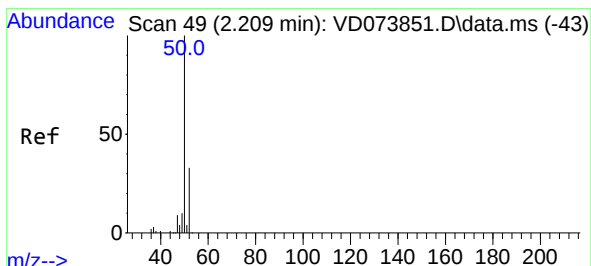
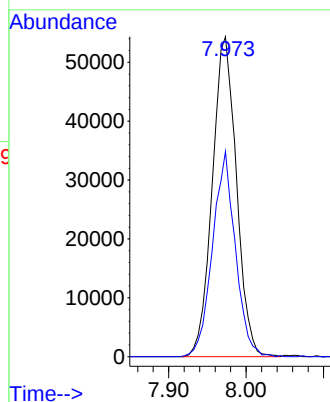
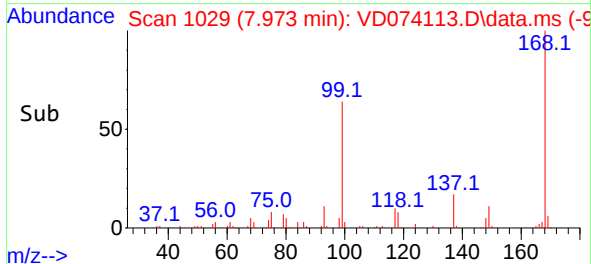


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

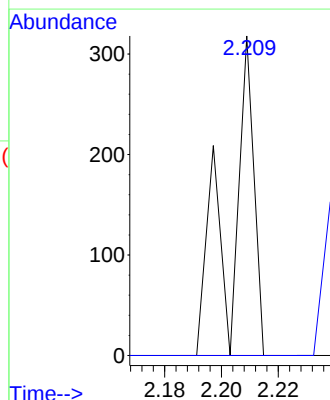
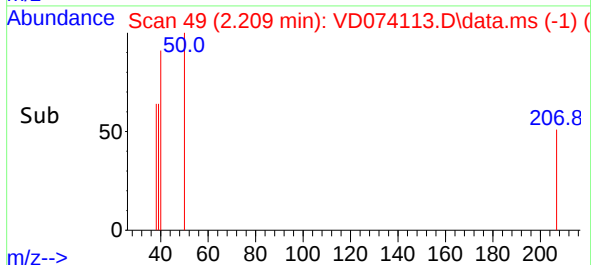
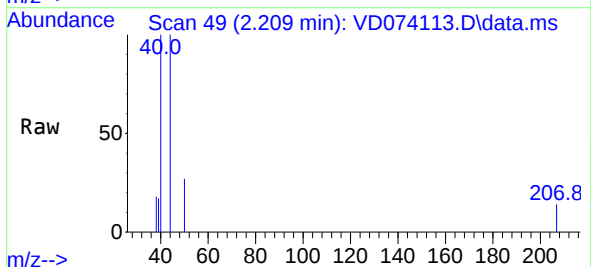


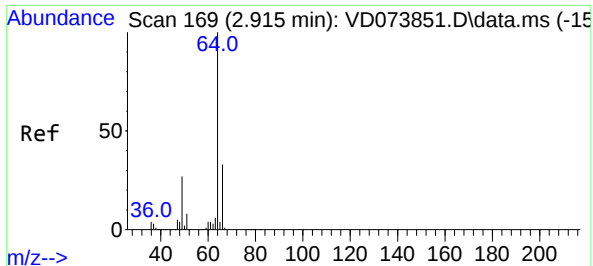
Tgt Ion:168 Resp: 117673
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 50 Resp: 186
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

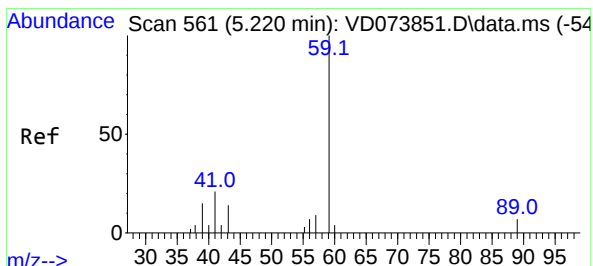
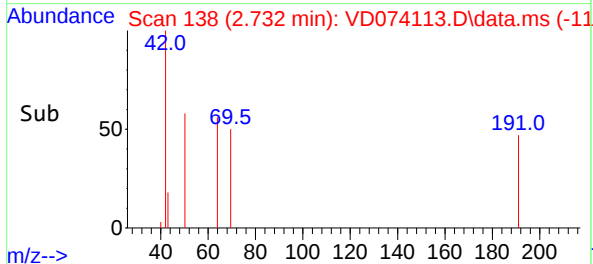
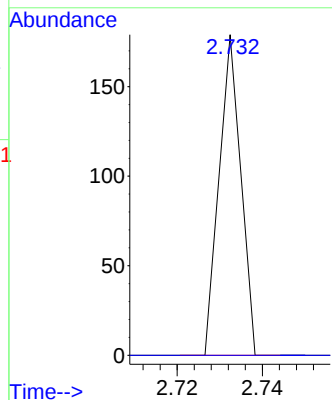
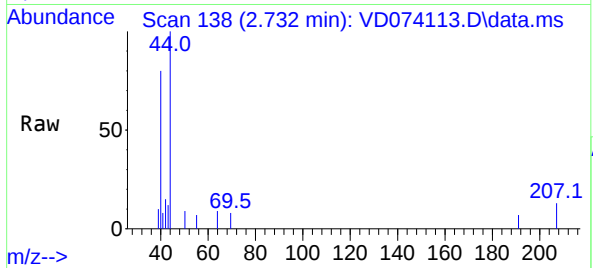




#6
Chloroethane
Concen: Below Cal
RT: 2.732 min Scan# 11
Delta R.T. -0.183 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

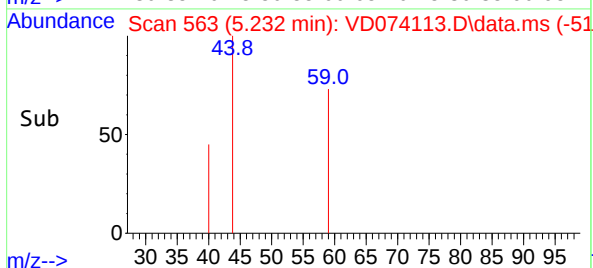
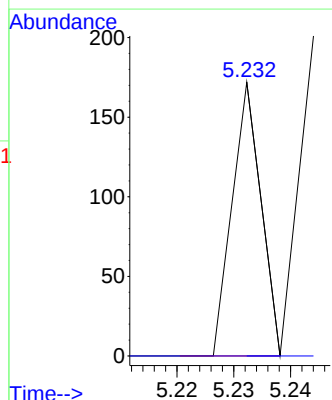
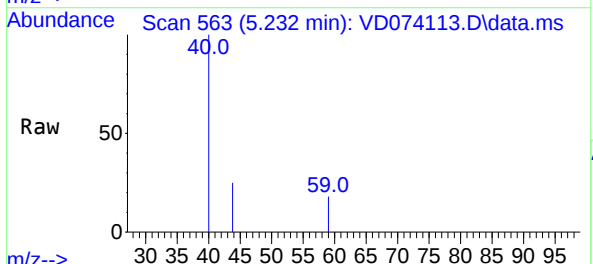
Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

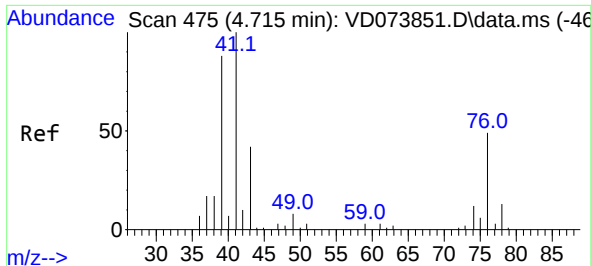
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

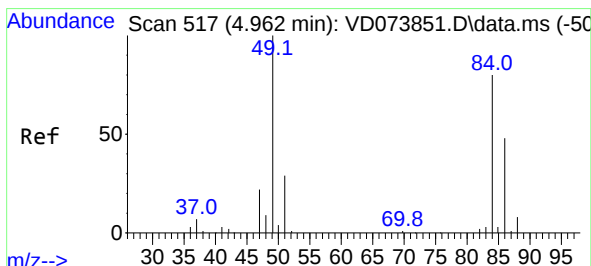
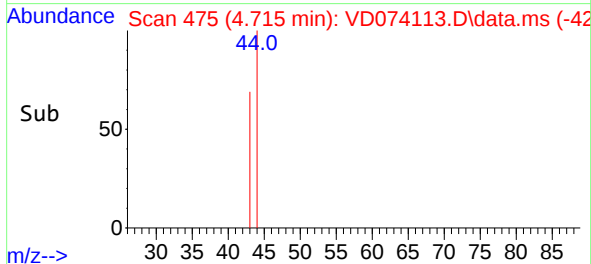
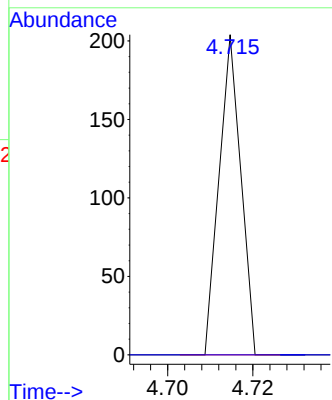
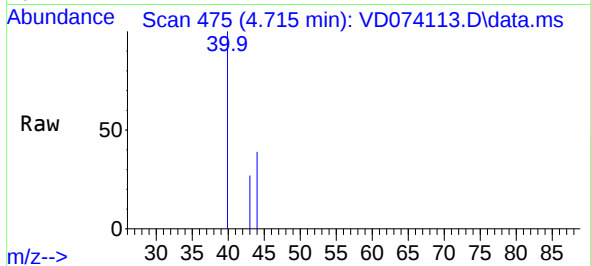




#18
Methyl Acetate
Concen: Below Cal
RT: 4.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

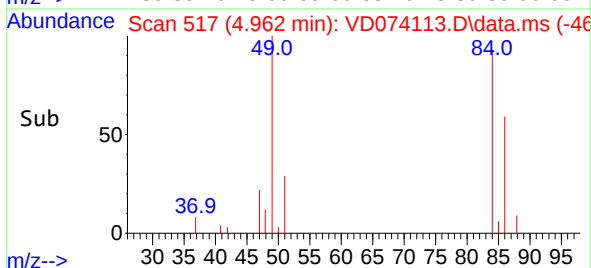
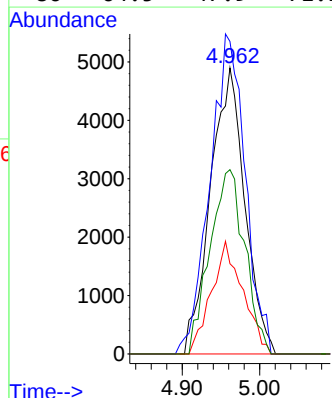
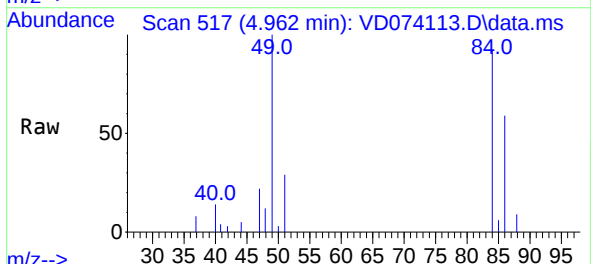
Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

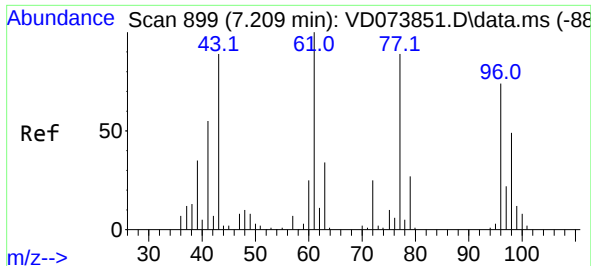
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.083 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 84 Resp: 15097
Ion Ratio Lower Upper
84 100
49 109.2 112.8 169.2#
51 31.5 32.6 48.8#
86 64.5 47.9 71.9





#25

2-Butanone

Concen: 8.166 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.018 min

Lab File: VD074113.D

Acq: 16 Aug 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

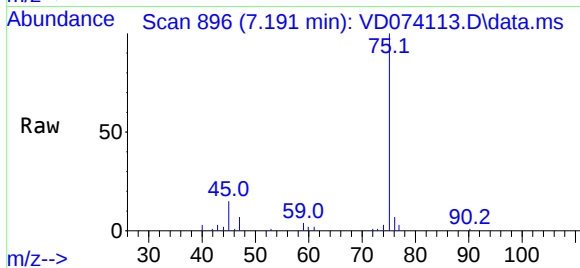
EO-02-081022

Tgt Ion: 43 Resp: 2456

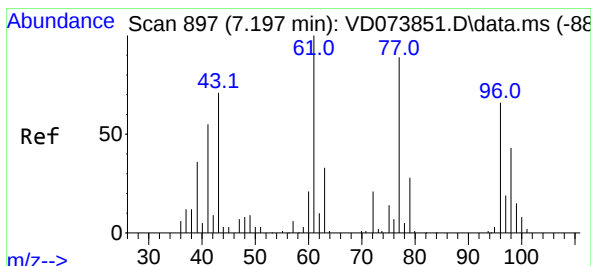
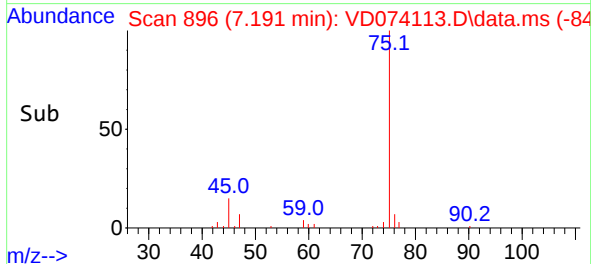
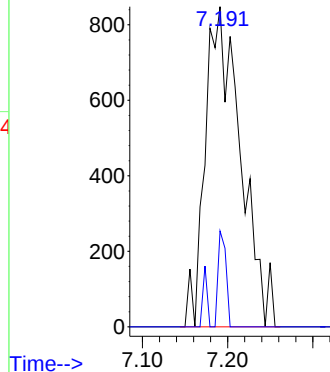
Ion Ratio Lower Upper

43 100

72 30.0 18.6 27.8#



Abundance



#26

2,2-Dichloropropane

Concen: 1.194 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.006 min

Lab File: VD074113.D

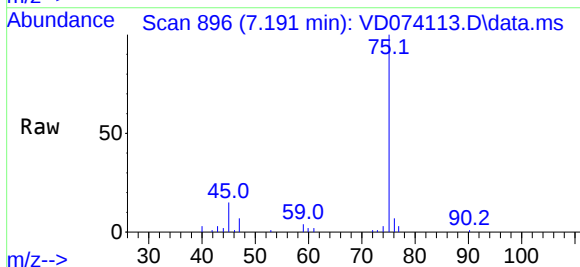
Acq: 16 Aug 2022 20:45

Tgt Ion: 77 Resp: 2534

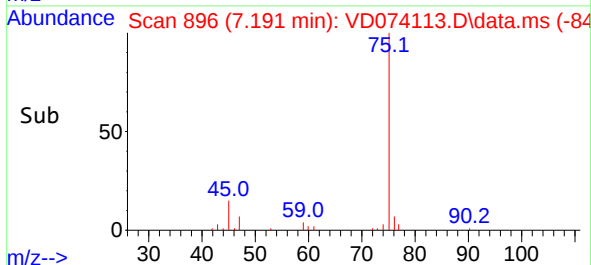
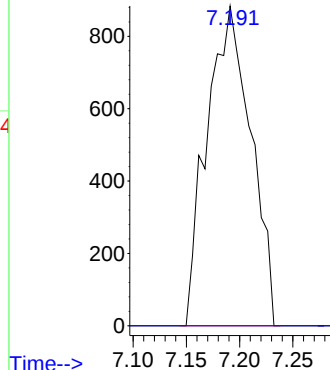
Ion Ratio Lower Upper

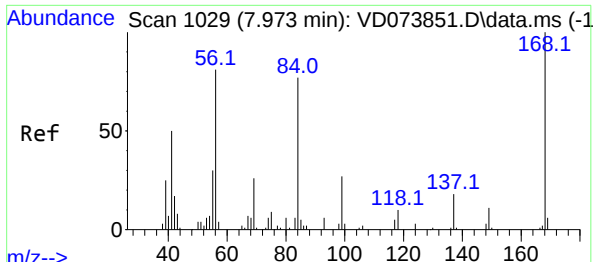
77 100

97 0.0 10.8 32.4#



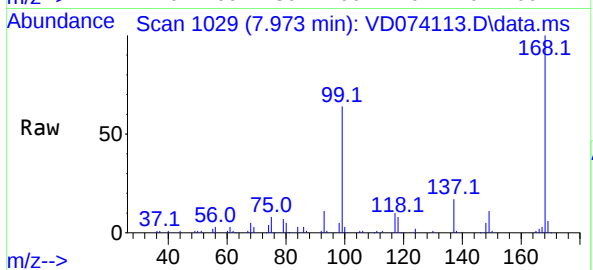
Abundance



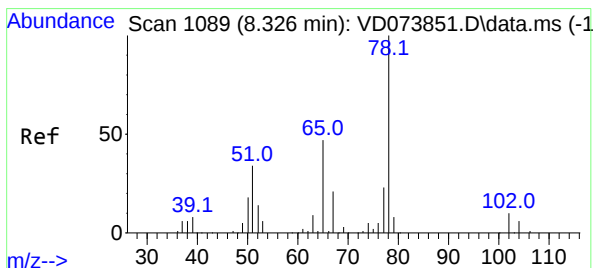
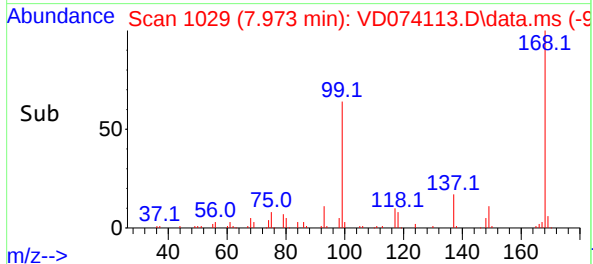
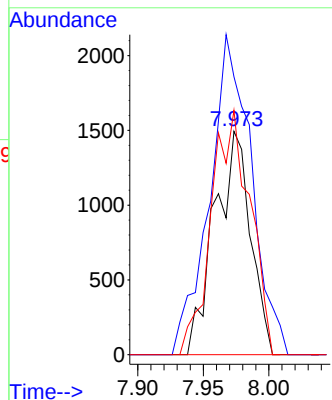


#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

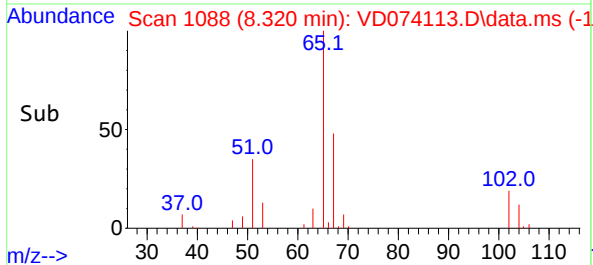
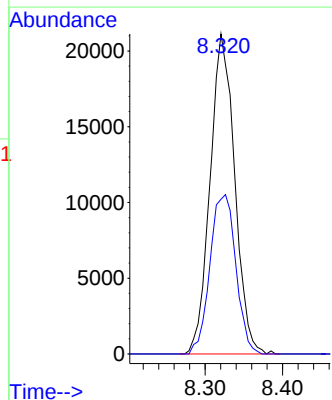
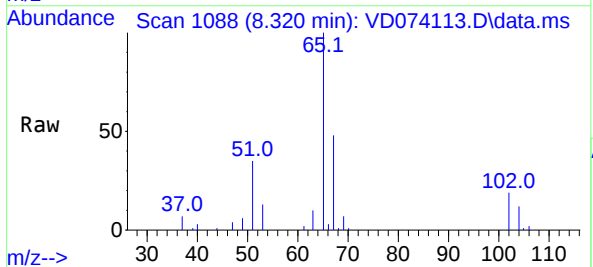


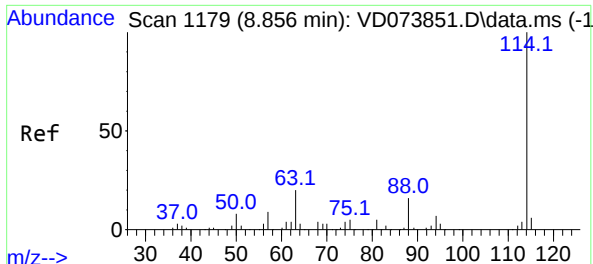
Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 111.3 25.4 38.2#
84 109.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.736 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 65 Resp: 46584
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



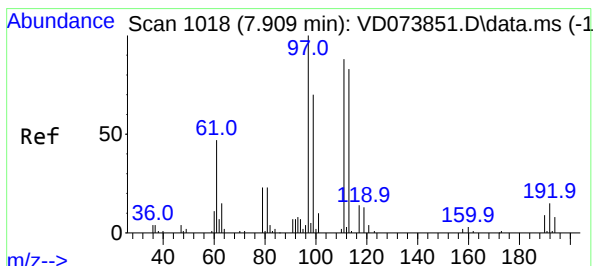
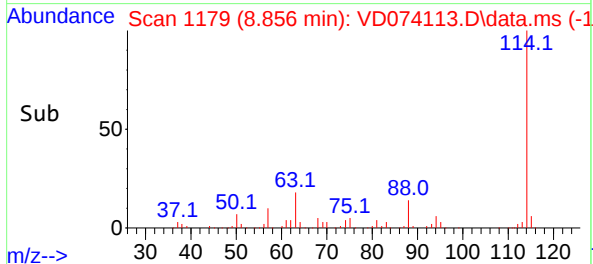
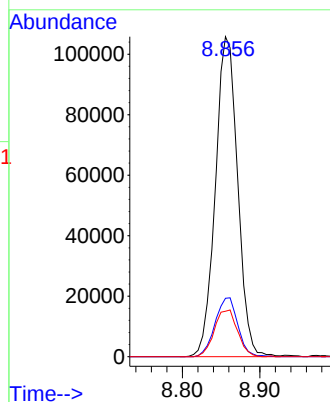
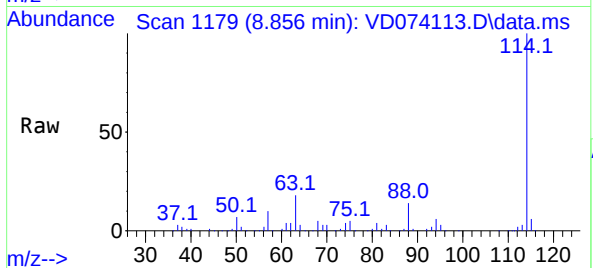


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

Tgt Ion:114 Resp: 210948

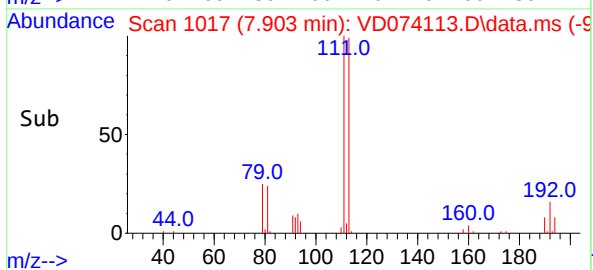
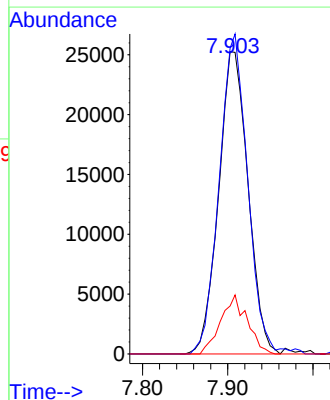
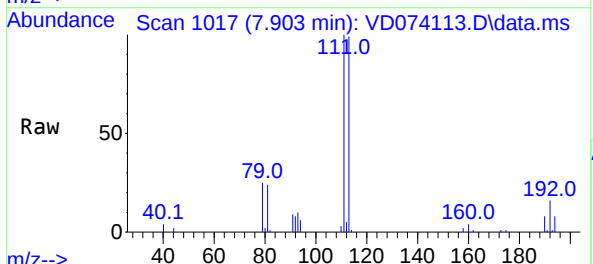
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	46.6
88	14.2	0.0	33.2

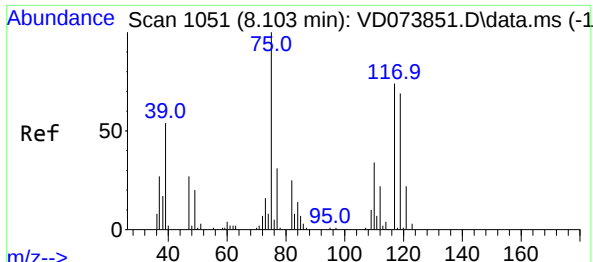


#35
Dibromofluoromethane
Concen: 44.935 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion:113 Resp: 60572

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	17.6	14.6	21.8

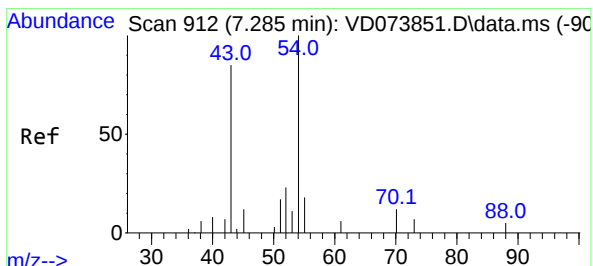
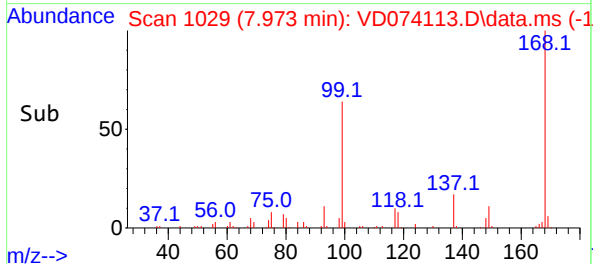
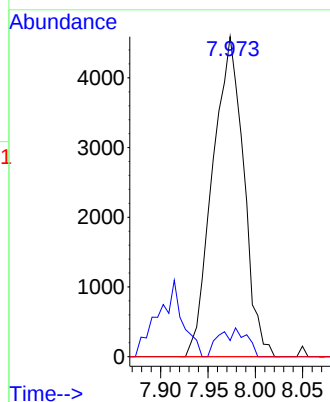
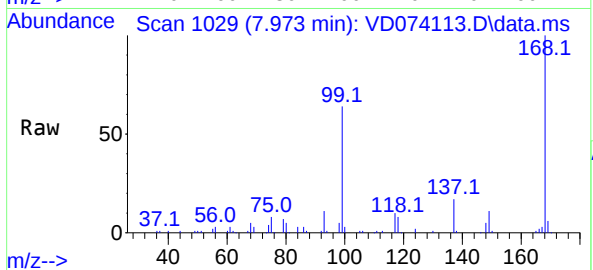




#36
1,1-Dichloropropene
Concen: 5.691 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.130 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

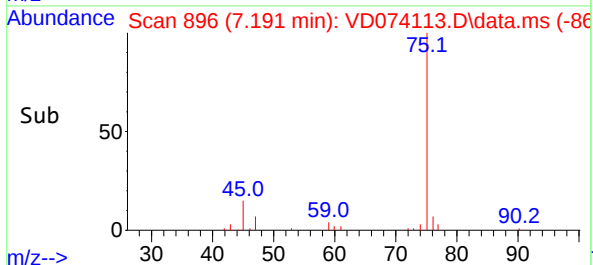
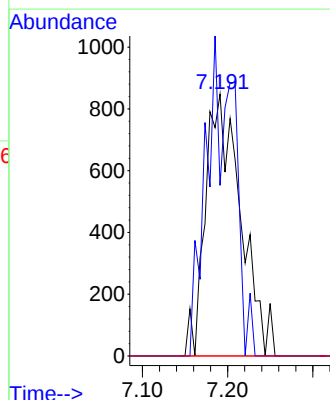
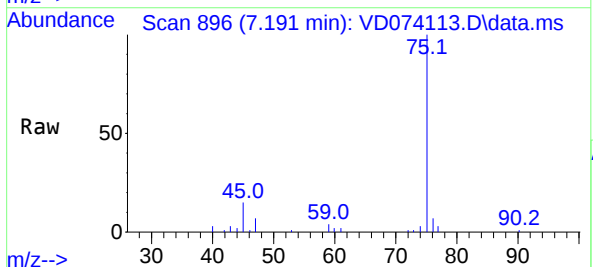
Instrument :
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EO-02-081022

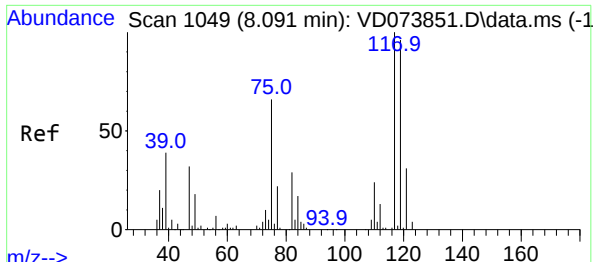
Tgt Ion: 75 Resp: 10462
Ion Ratio Lower Upper
75 100
110 3.8 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 3.369 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.094 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 43 Resp: 2456
Ion Ratio Lower Upper
43 100
61 50.5 9.8 14.8#
70 0.0 6.9 10.3#

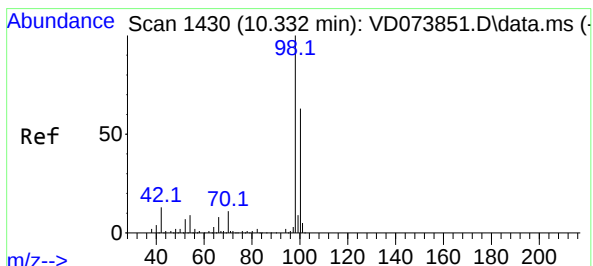
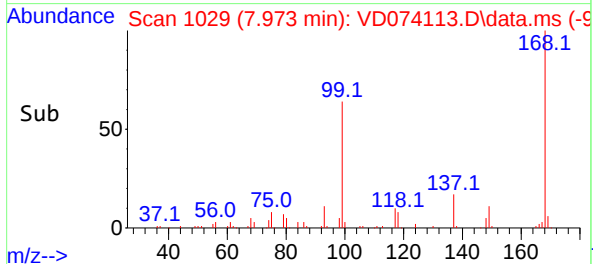
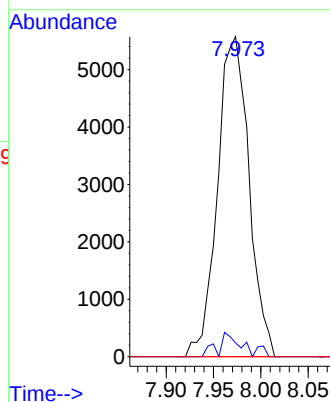
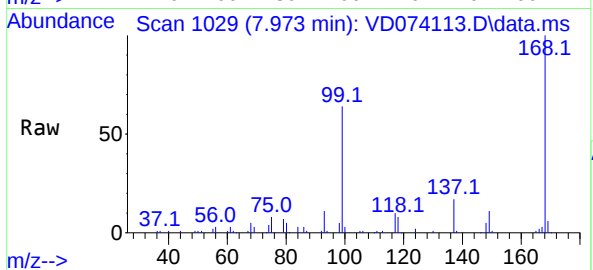




#38
Carbon Tetrachloride
Concen: 6.076 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

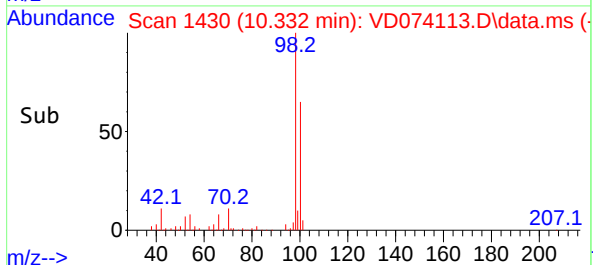
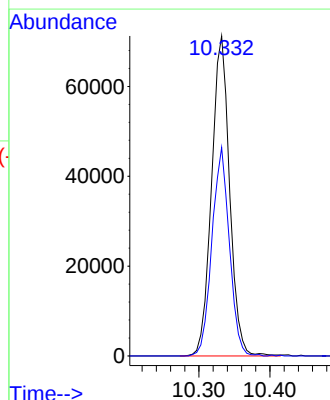
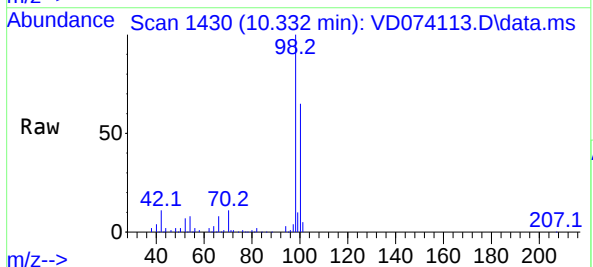
Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

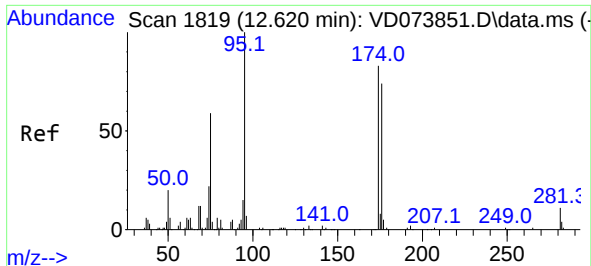
Tgt Ion:117 Resp: 12892
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 30.687 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 98 Resp: 125596
Ion Ratio Lower Upper
98 100
100 63.0 52.4 78.6

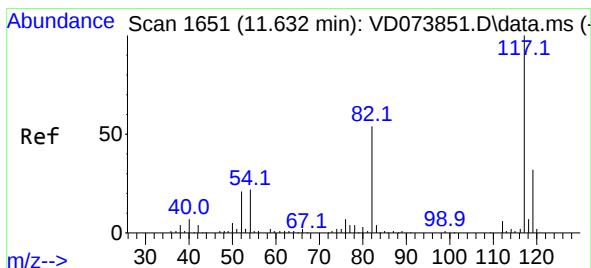
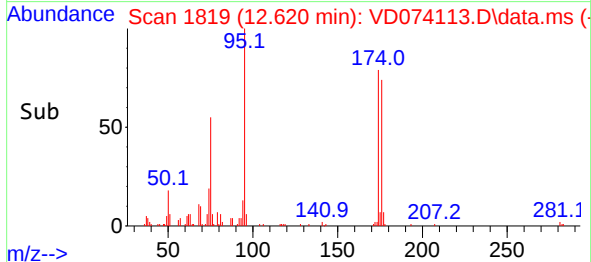
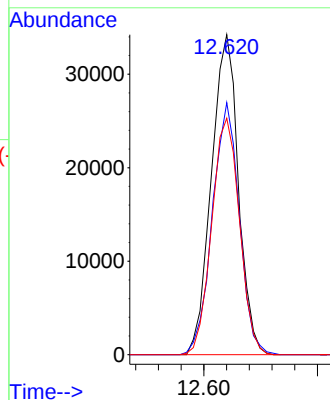
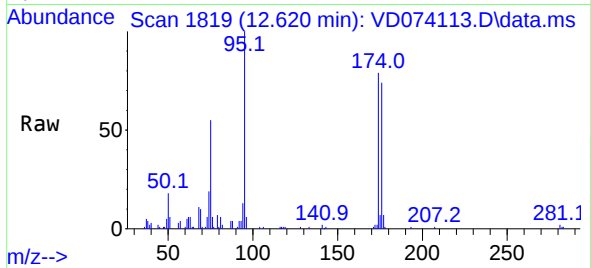




#62
4-Bromofluorobenzene
Concen: 33.365 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

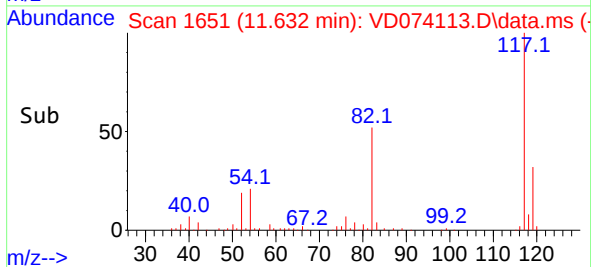
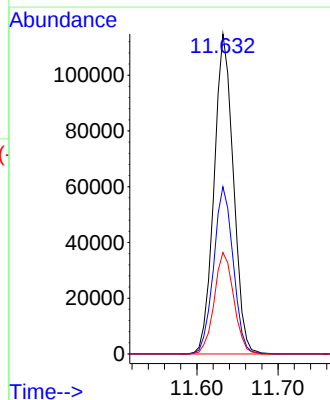
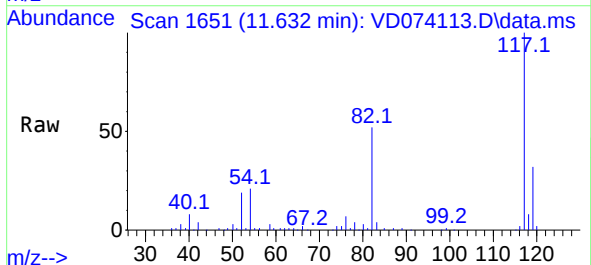
Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022

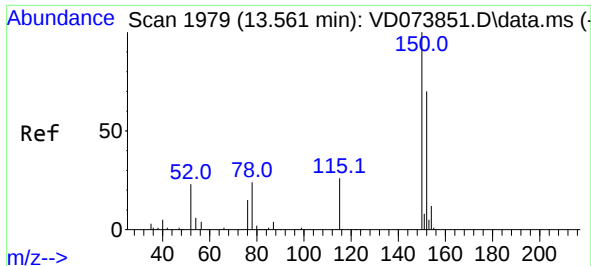
Tgt Ion: 95 Resp: 56390
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 76.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Tgt Ion: 117 Resp: 189894
Ion Ratio Lower Upper
117 100
82 52.3 45.3 67.9
119 31.7 26.6 40.0

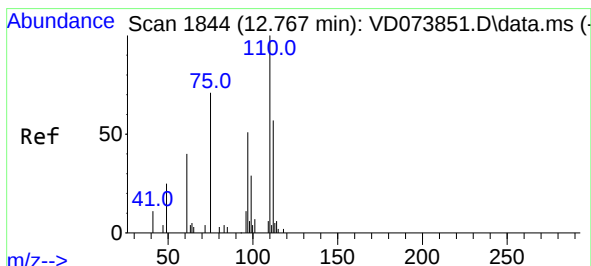
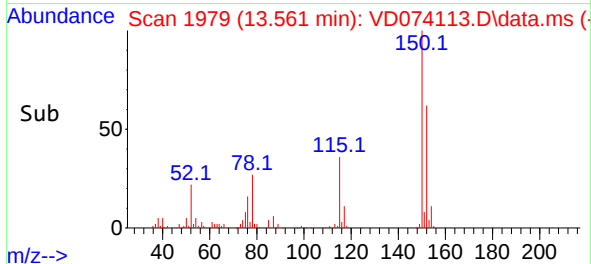
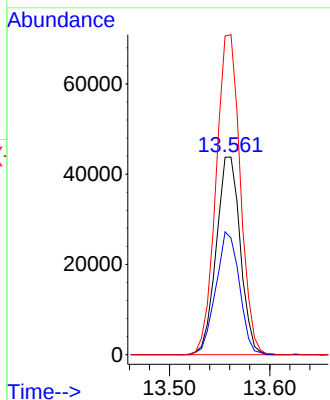
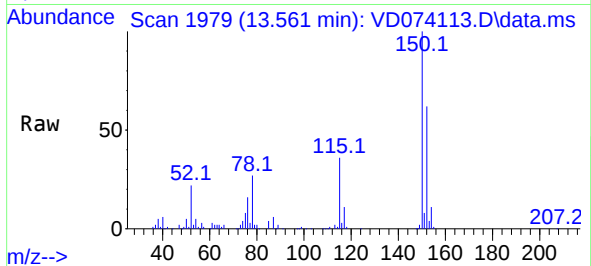




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD074113.D
 Acq: 16 Aug 2022 20:45

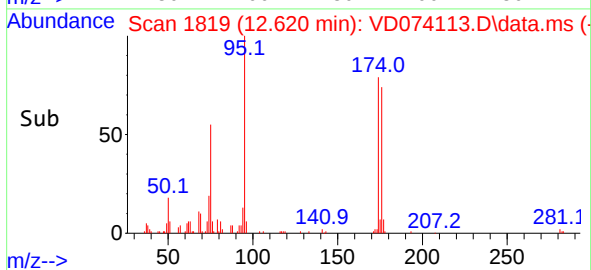
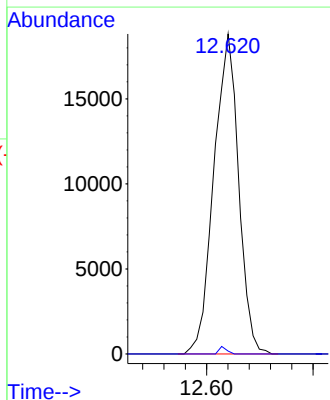
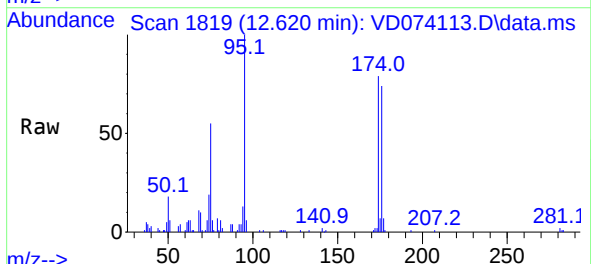
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-081022

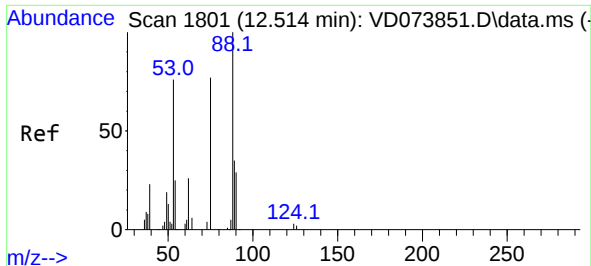
Tgt Ion:152 Resp: 72683
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.3 93.8
 150 163.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 46.743 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074113.D
 Acq: 16 Aug 2022 20:45

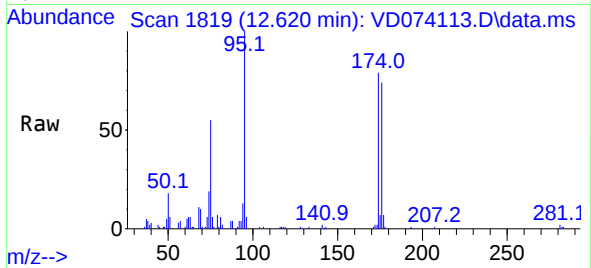
Tgt Ion: 75 Resp: 30274
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.362 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074113.D
Acq: 16 Aug 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
EO-02-081022



Tgt Ion: 75 Resp: 30274
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

