

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071951.D
 Acq On : 14 Feb 2022 12:30
 Operator : VA/SY
 Sample : N1494-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ASTORIA-YARD-PIT-10

Quant Time: Feb 15 00:34:33 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)

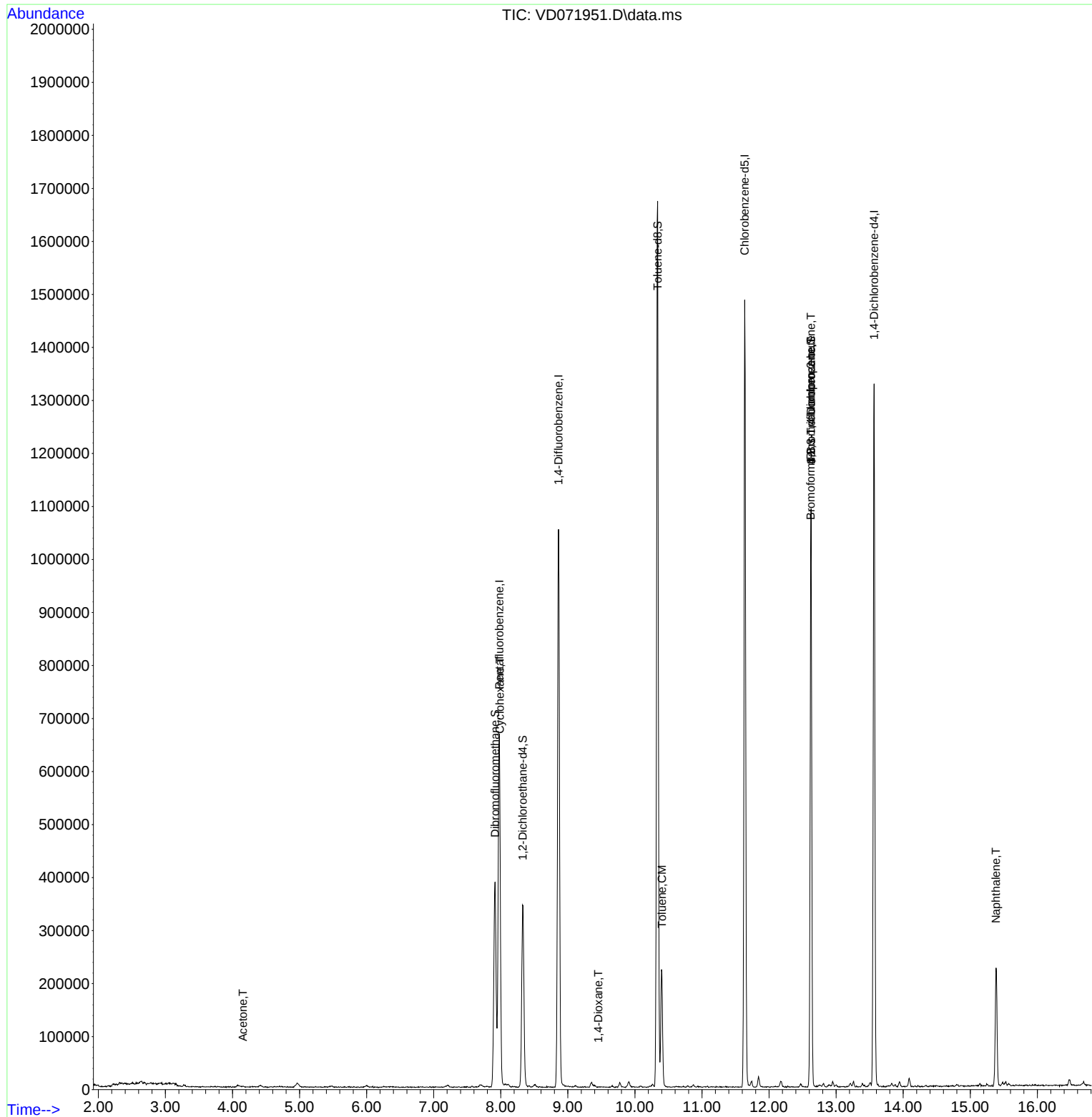
Internal Standards						
1) Pentafluorobenzene	7.979	168	457676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	862507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	785513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	328577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	277136	47.908	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.820%		
35) Dibromofluoromethane	7.914	113	268924	47.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.860%		
50) Toluene-d8	10.338	98	1089306	51.446	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.900%		
62) 4-Bromofluorobenzene	12.626	95	341257	46.152	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.300%		
Target Compounds						
11) Tert butyl alcohol	5.214	59	167	Below Cal	#	74
16) Acetone	4.156	43	2297	1.451	ug/l #	73
20) Methylene Chloride	4.961	84	5635	Below Cal		84
31) Cyclohexane	7.985	56	15449	1.399	ug/l #	17
49) 1,4-Dioxane	9.455	88	56	1.383	ug/l #	21
52) Toluene	10.402	92	90670	5.551	ug/l	99
71) Bromoform	12.620	173	3725	1.154	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	189002	54.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	189002	134.202	ug/l #	7
95) Naphthalene	15.384	128	187340	17.390	ug/l	98

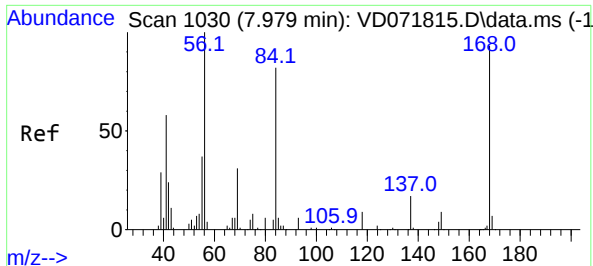
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071951.D
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Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

Quant Time: Feb 15 00:34:33 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

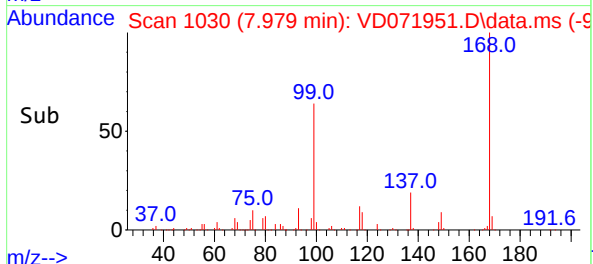
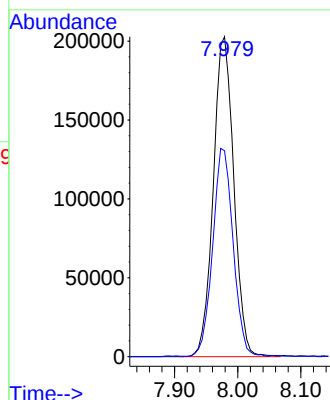
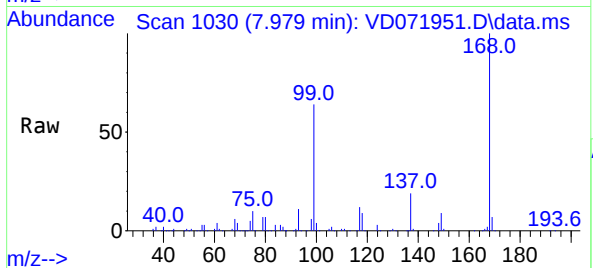




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

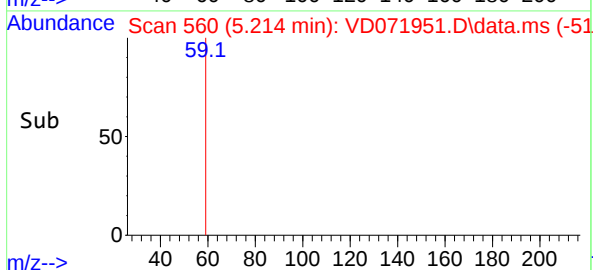
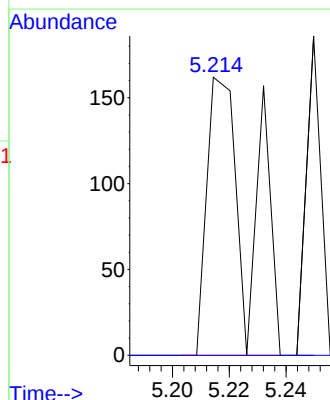
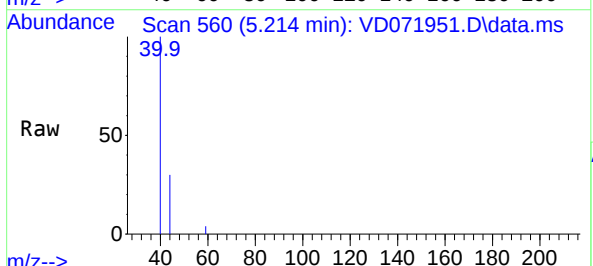
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

Tgt Ion:168 Resp: 457676
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 59 Resp: 167
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

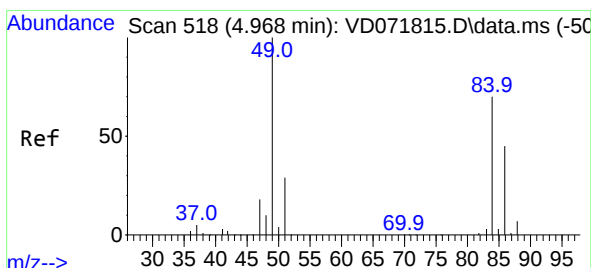
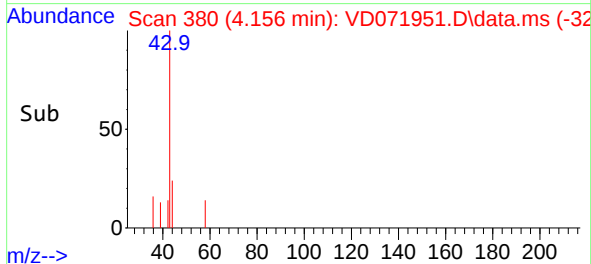
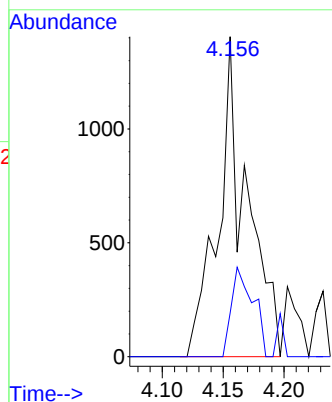
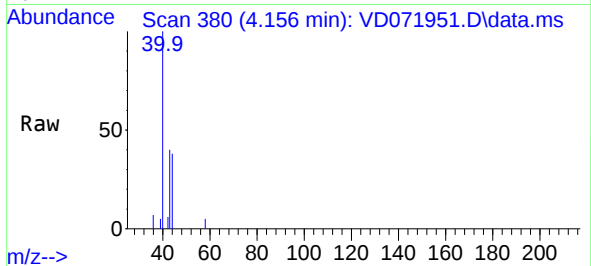




#16
Acetone
Concen: 1.451 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

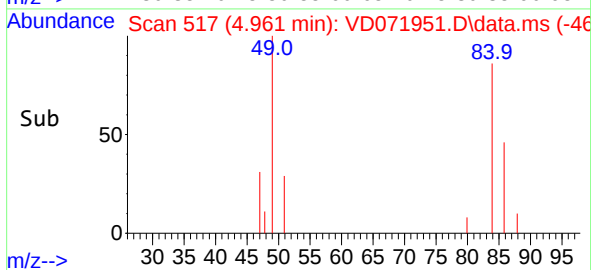
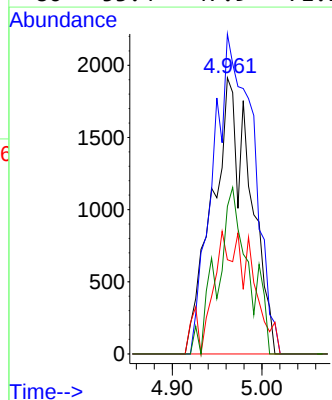
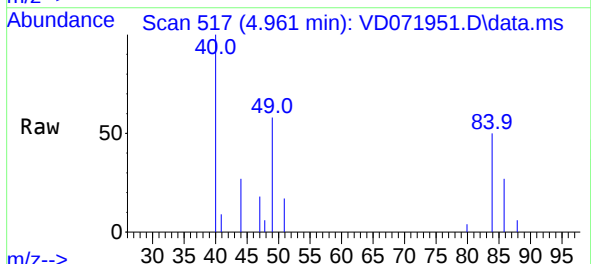
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

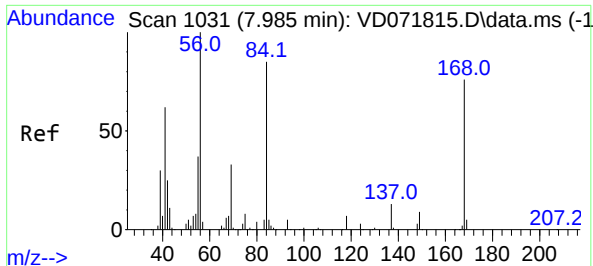
Tgt Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
58 13.6 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 84 Resp: 5635
Ion Ratio Lower Upper
84 100
49 115.9 112.8 169.2
51 34.1 32.6 48.8
86 53.4 47.9 71.9

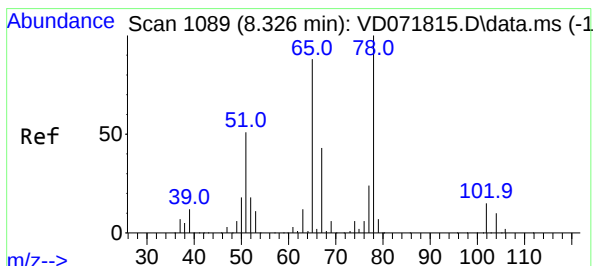
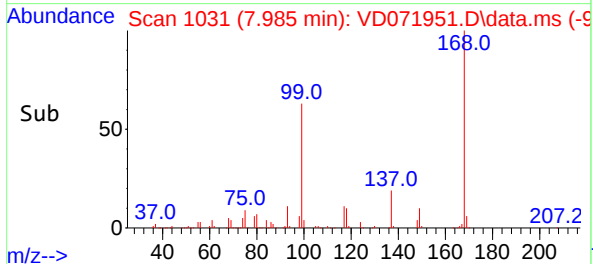
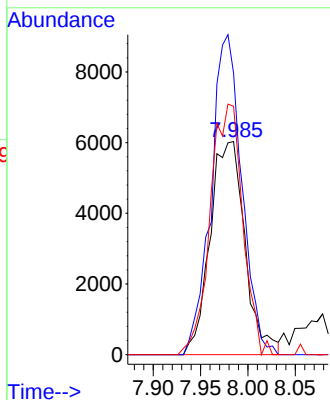
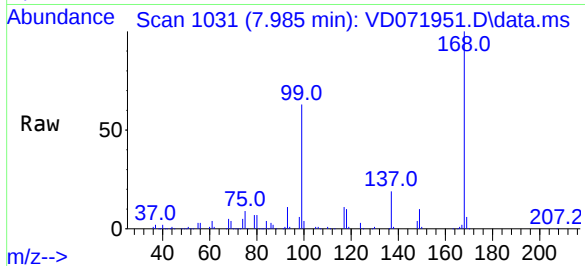




#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

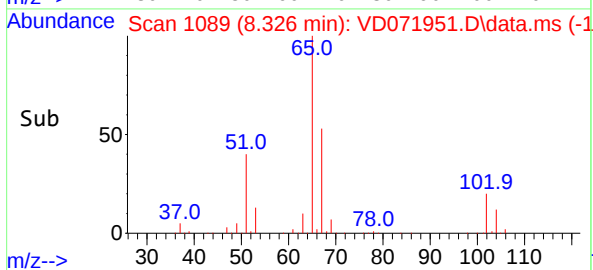
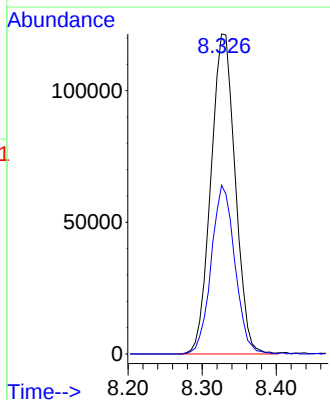
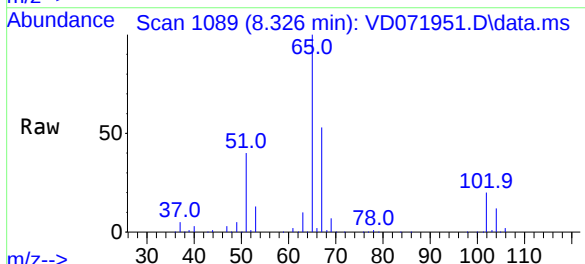
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

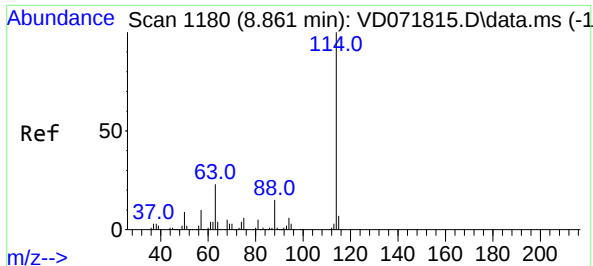
Tgt Ion: 56 Resp: 15449
Ion Ratio Lower Upper
56 100
69 132.2 25.4 38.2#
84 116.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.908 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 65 Resp: 277136
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

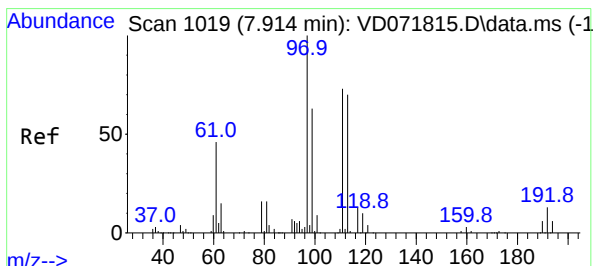
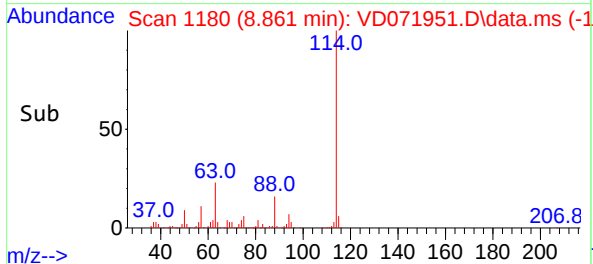
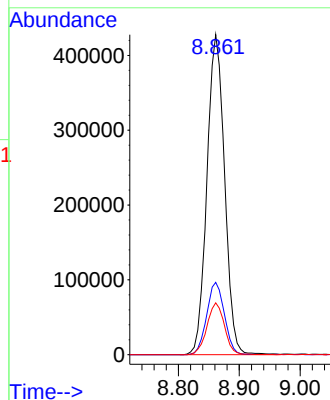
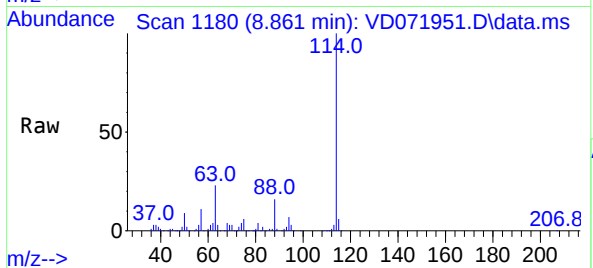




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

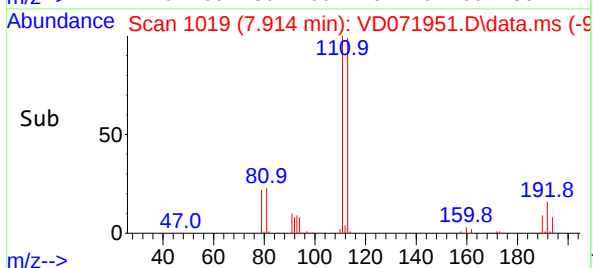
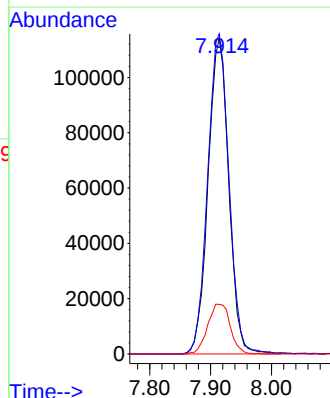
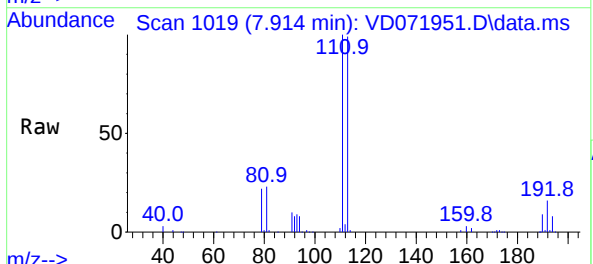
Instrument :
MSVOA_D
ClientSampleId :
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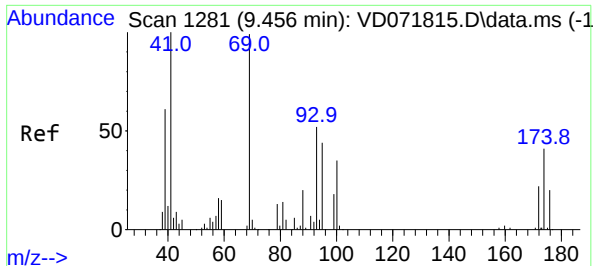
Tgt Ion:	114	Resp:	862507
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	46.6
88	16.2	0.0	33.2



#35
Dibromofluoromethane
Concen: 47.433 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion:	113	Resp:	268924
Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.8	125.6
192	17.3	14.6	21.8

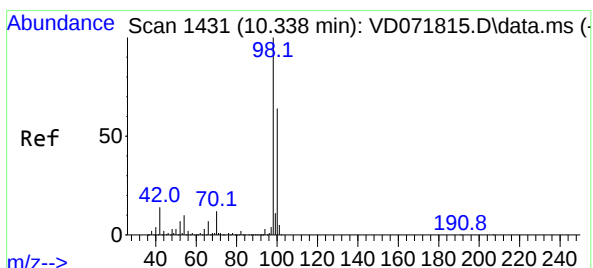
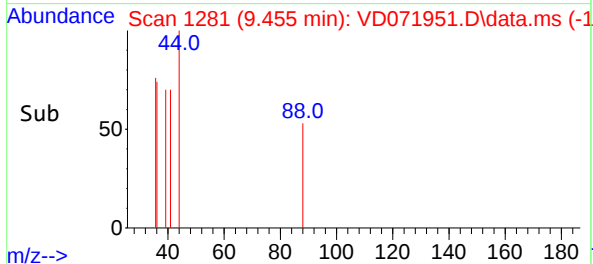
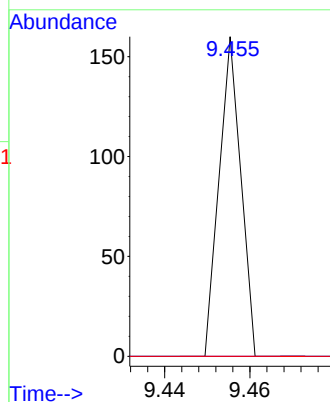
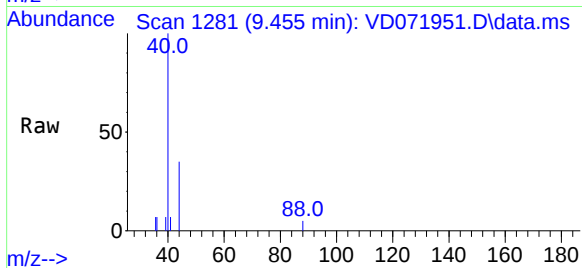




#49
1,4-Dioxane
Concen: 1.383 ug/l
RT: 9.455 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

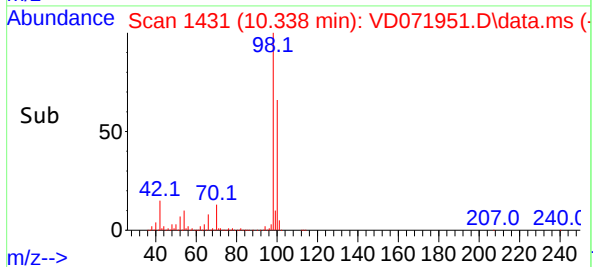
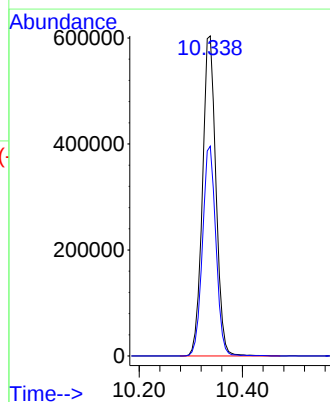
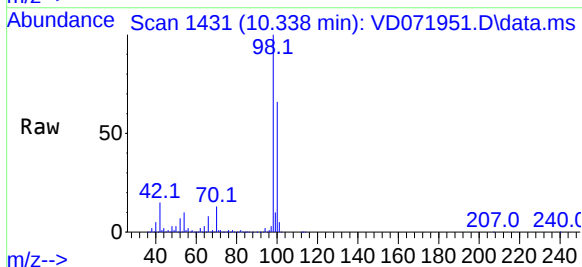
Instrument :
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ClientSampleId :
ASTORIA-YARD-PIT-10

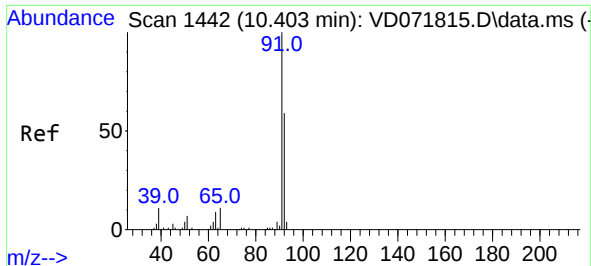
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 51.446 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 98 Resp: 1089306
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

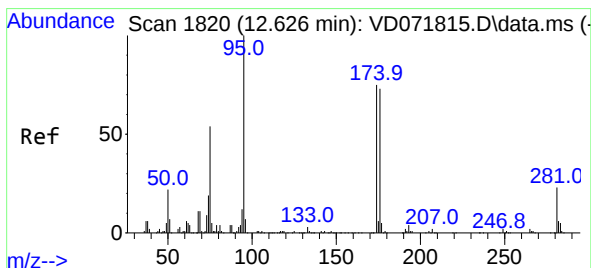
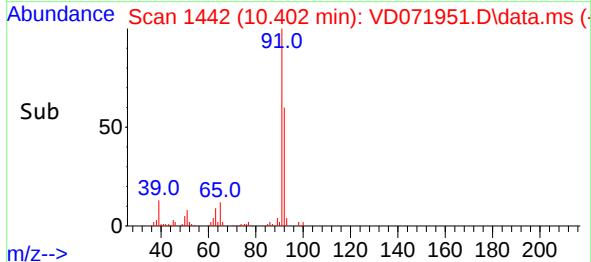
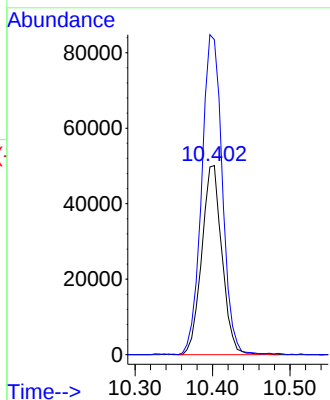
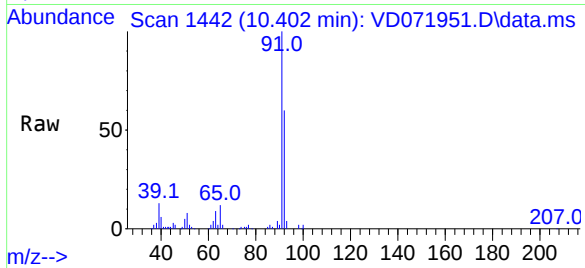




#52
Toluene
Concen: 5.551 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

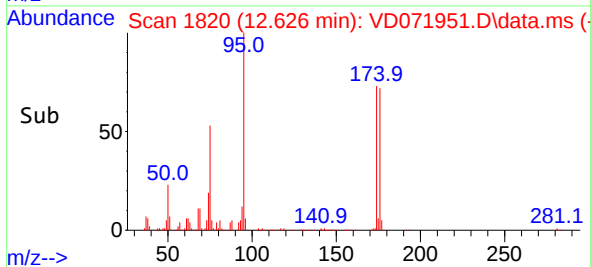
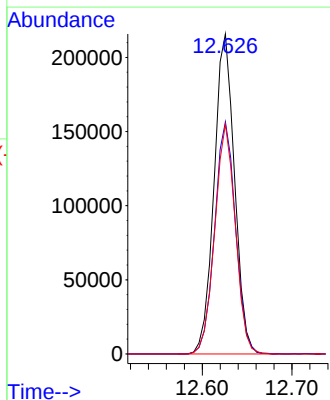
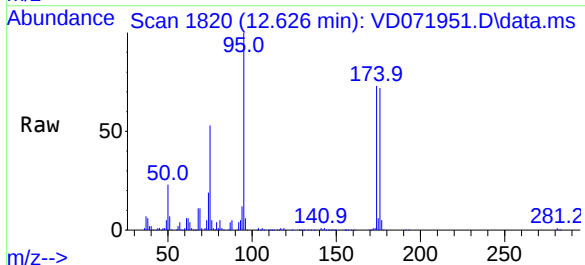
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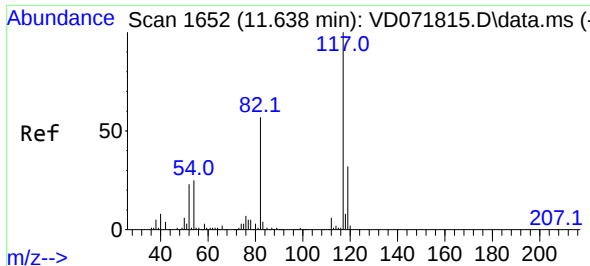
Tgt Ion: 92 Resp: 90670
Ion Ratio Lower Upper
92 100
91 172.9 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 46.152 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 95 Resp: 341257
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.8
176 72.1 0.0 145.4

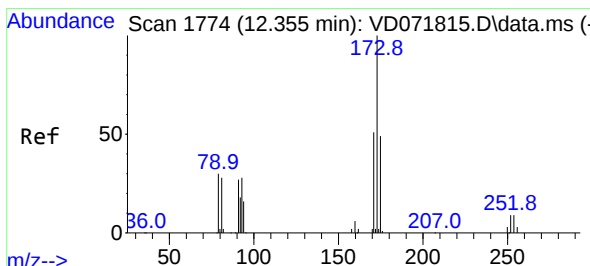
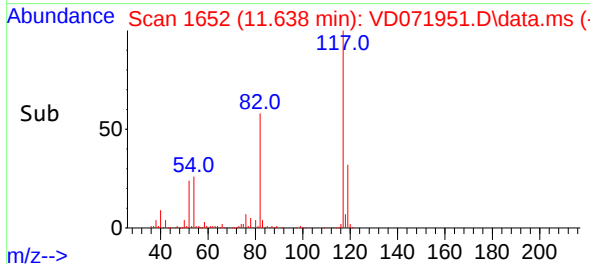
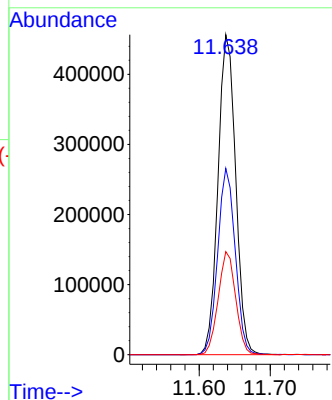
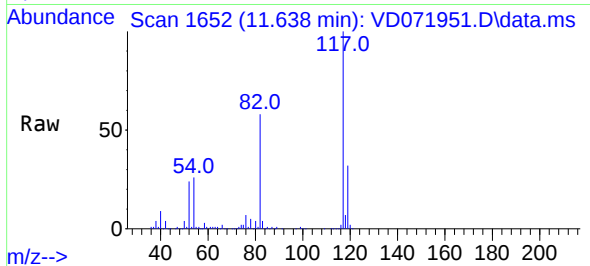




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

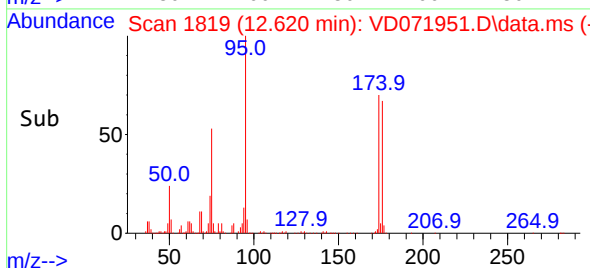
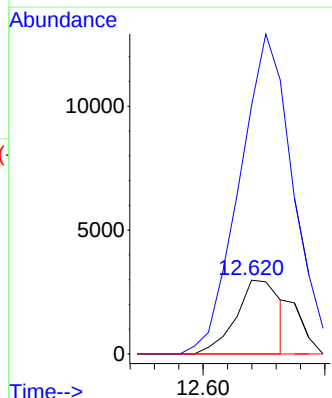
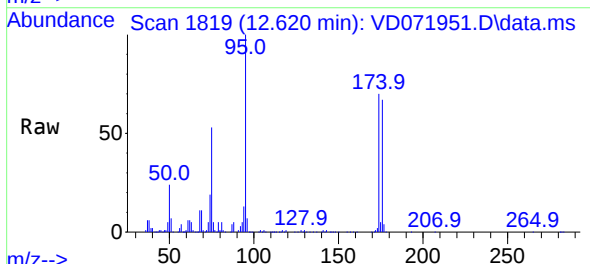
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

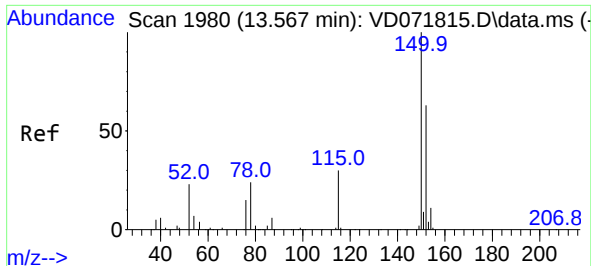
Tgt Ion:117 Resp: 785513
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 32.2 26.6 40.0



#71
Bromoform
Concen: 1.154 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion:173 Resp: 3725
Ion Ratio Lower Upper
173 100
175 426.0 23.9 71.8#
254 0.0 0.0 0.0

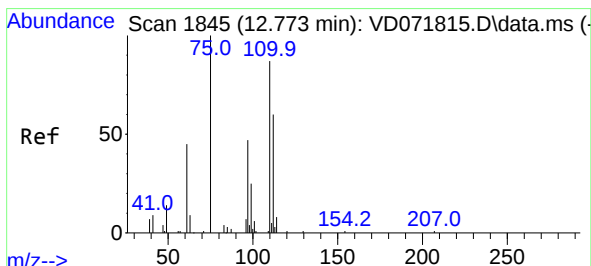
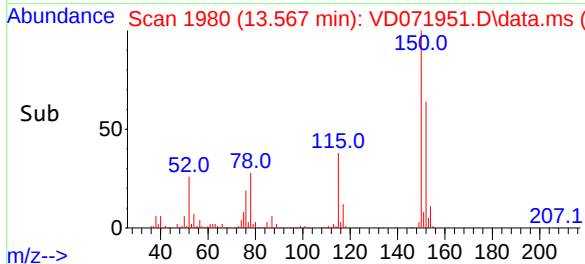
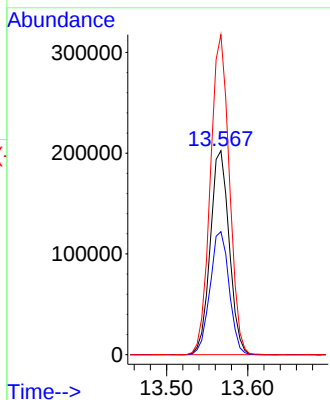
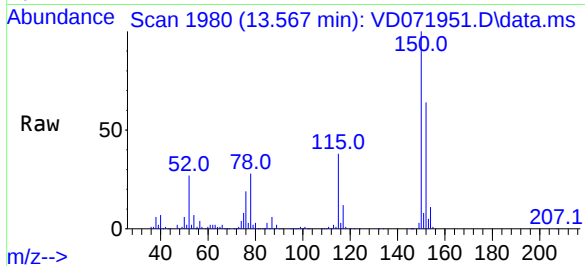




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

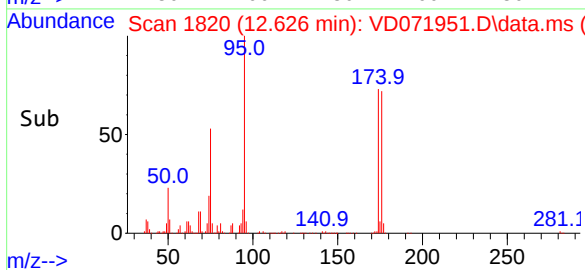
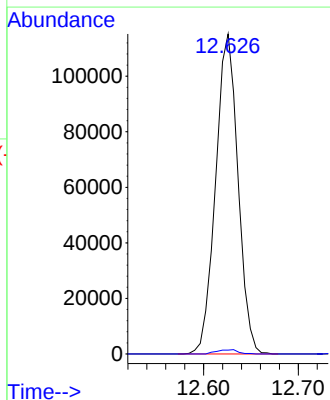
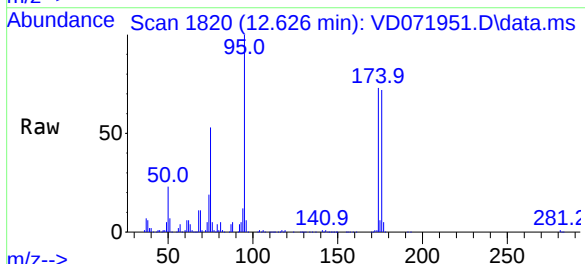
Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

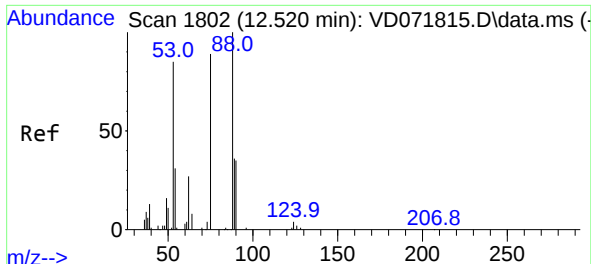
Tgt Ion:152 Resp: 328577
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 54.581 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion: 75 Resp: 189002
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

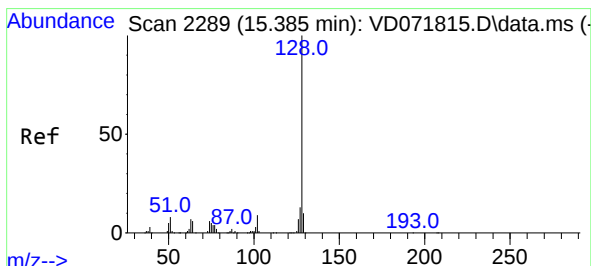
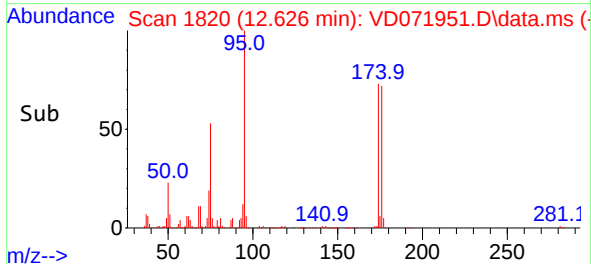
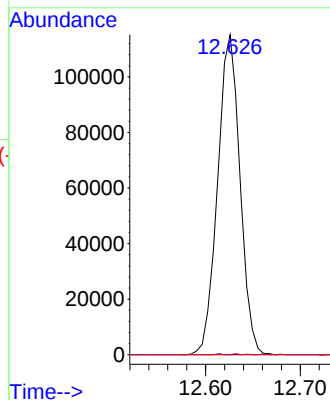
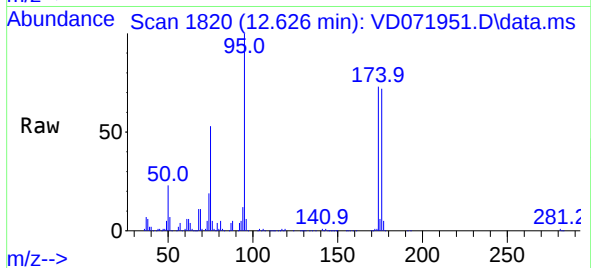




#81
trans-1,4-Dichloro-2-butene
Concen: 134.202 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Instrument :
MSVOA_D
ClientSampleId :
ASTORIA-YARD-PIT-10

Tgt Ion: 75 Resp: 189002
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 17.390 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071951.D
Acq: 14 Feb 2022 12:30

Tgt Ion:128 Resp: 187340
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 10.8 8.4 12.6

