

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011330.D
 Acq On : 07 Nov 2022 12:56
 Operator : KP/MD
 Sample : N5459-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-110322

Quant Time: Nov 08 03:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

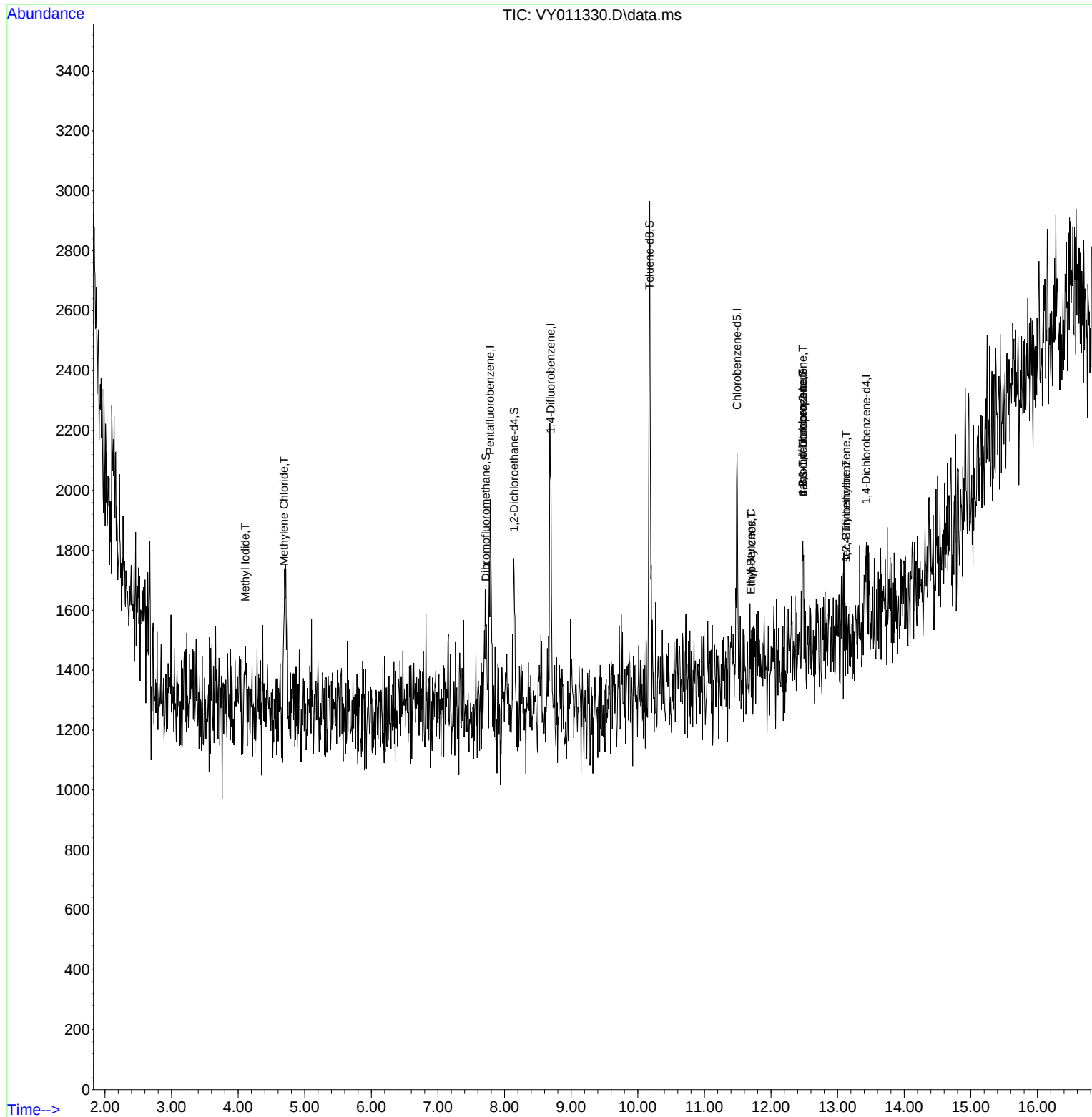
Internal Standards						
1) Pentafluorobenzene	7.783	168	821	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	615	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	477	54.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.716	113	331	41.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.020%	
50) Toluene-d8	10.179	98	1334	43.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.180%	
62) 4-Bromofluorobenzene	12.477	95	146	13.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 27.160%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	126	10.837	ug/l #	35
20) Methylene Chloride	4.692	84	149	9.692	ug/l #	56
67) Ethyl Benzene	11.697	91	54	2.244	ug/l #	44
68) m/p-Xylenes	11.709	106	19	2.034	ug/l #	51
76) 1,2,3-Trichloropropane	12.477	75	63	41.733	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63	89.314	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.130	105	99	12.759	ug/l #	31
85) sec-Butylbenzene	13.130	105	99	9.878	ug/l #	56

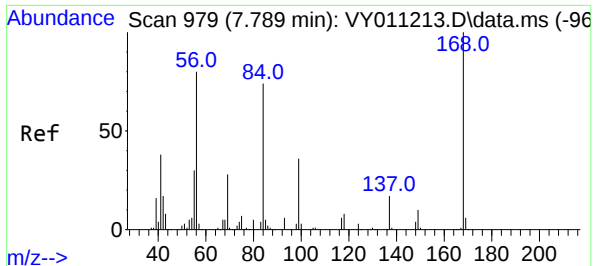
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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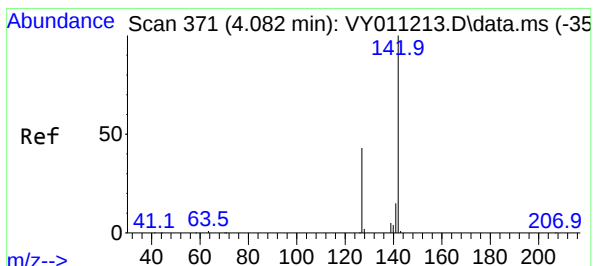
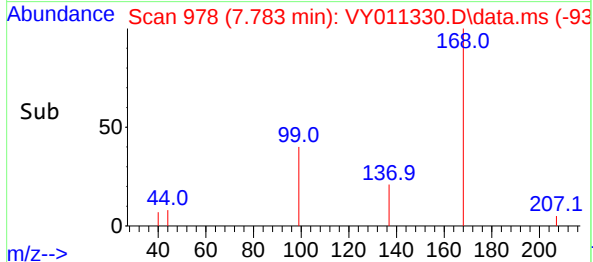
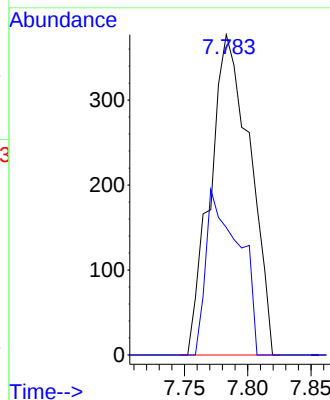
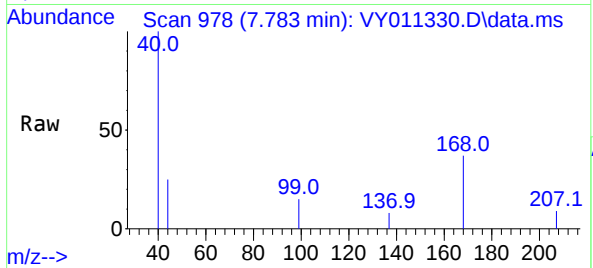




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

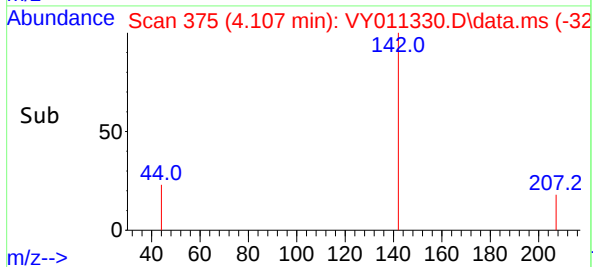
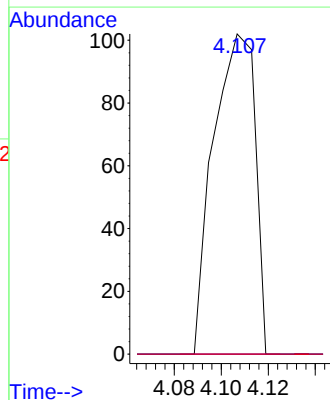
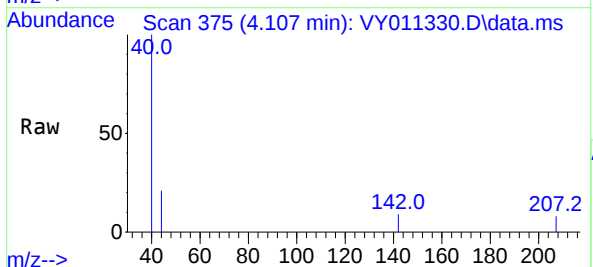
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-110322

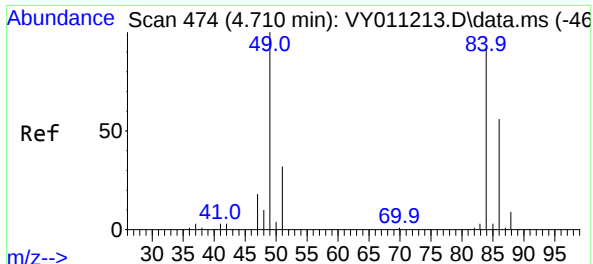
Tgt Ion:168 Resp: 821
Ion Ratio Lower Upper
168 100
99 39.8 46.9 70.3#



#10
Methyl Iodide
Concen: 10.837 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

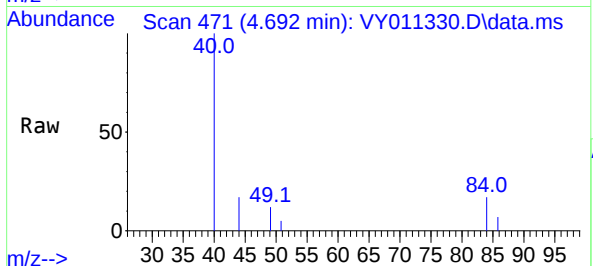
Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



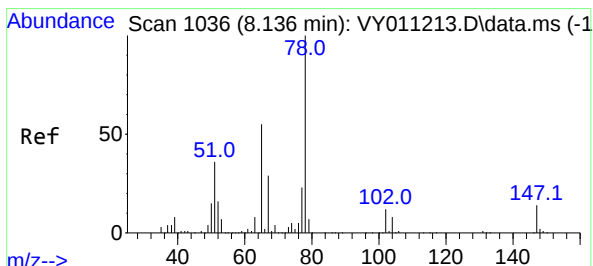
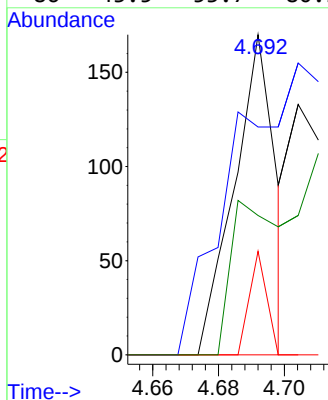
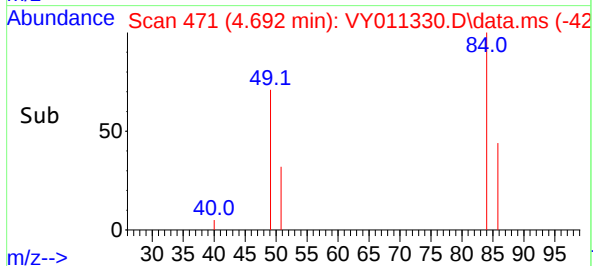


#20
Methylene Chloride
Concen: 9.692 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

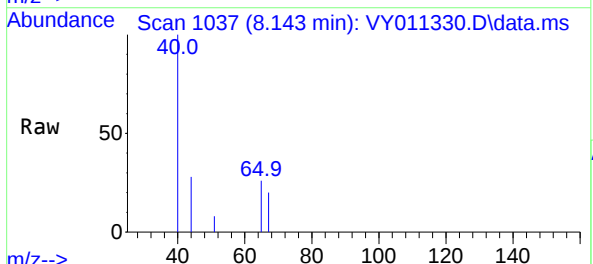
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-110322



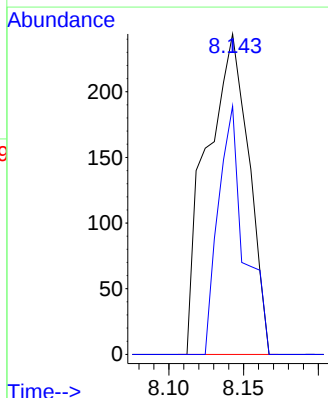
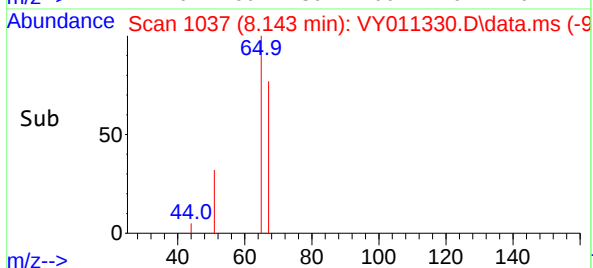
Tgt Ion:	84	Resp:	149
Ion	Ratio	Lower	Upper
84	100		
49	71.2	114.4	171.6#
51	32.4	35.3	52.9#
86	43.5	53.7	80.5#

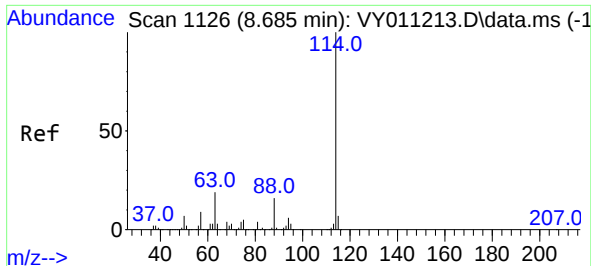


#33
1,2-Dichloroethane-d4
Concen: 54.324 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56



Tgt Ion:	65	Resp:	477
Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011330.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-110322

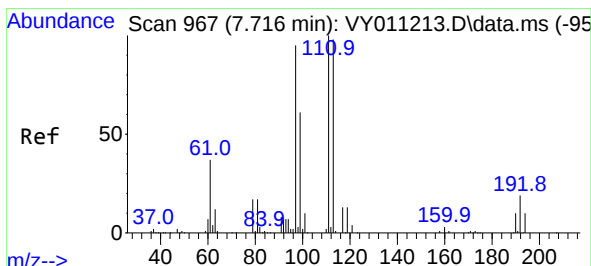
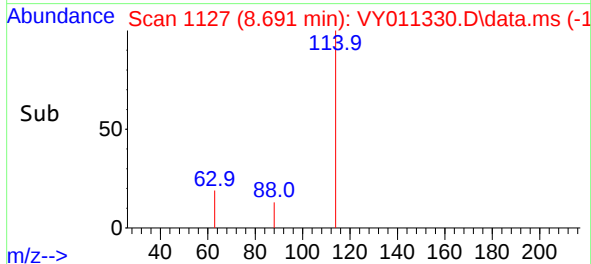
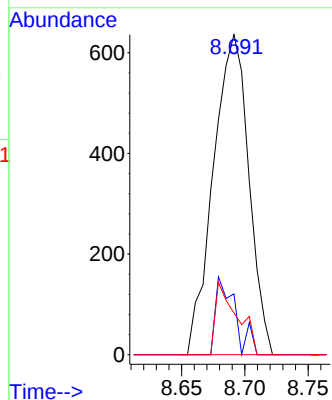
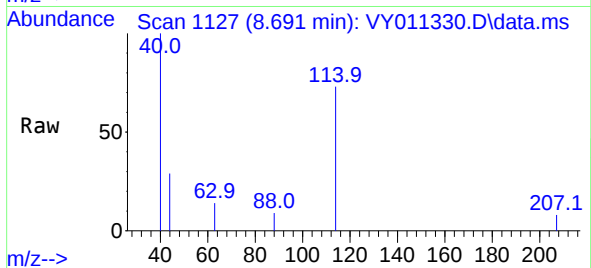
Tgt Ion:114 Resp: 1241

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.513 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011330.D

Acq: 07 Nov 2022 12:56

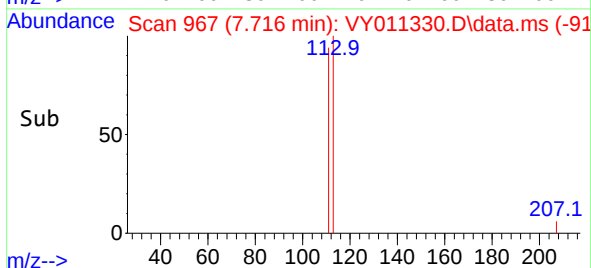
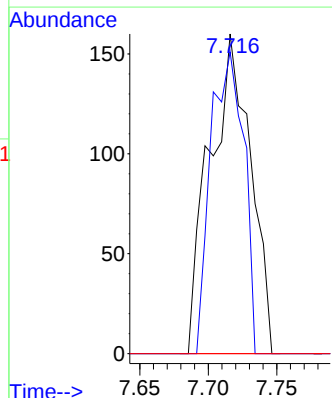
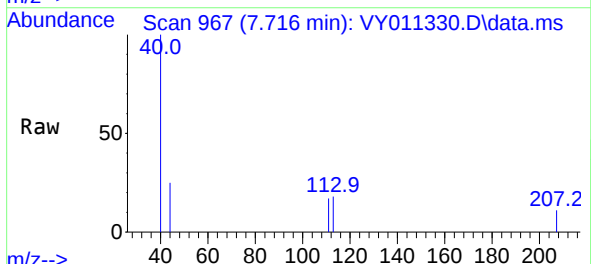
Tgt Ion:113 Resp: 331

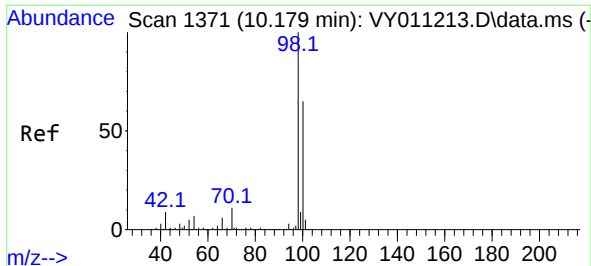
Ion Ratio Lower Upper

113 100

111 76.1 82.6 124.0#

192 0.0 17.6 26.4#

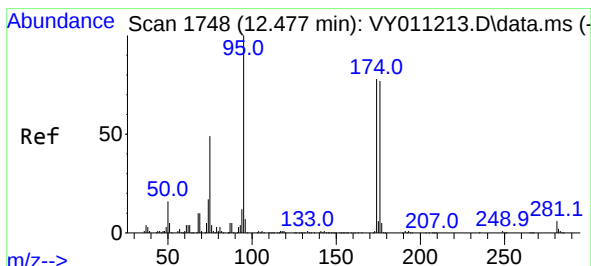
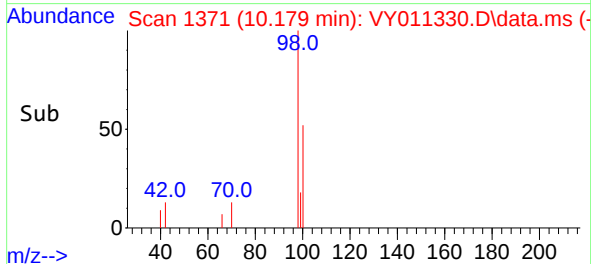
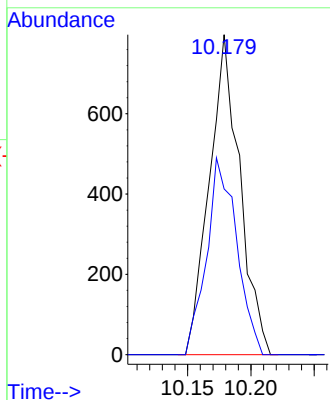
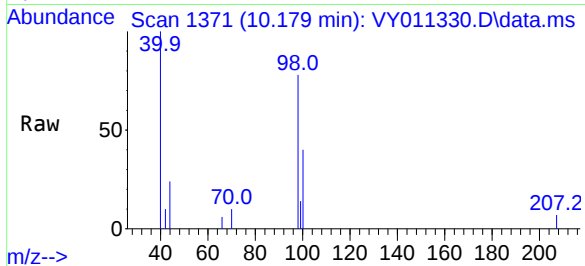




#50
Toluene-d8
Concen: 43.092 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

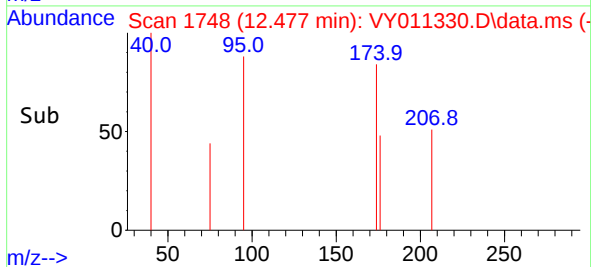
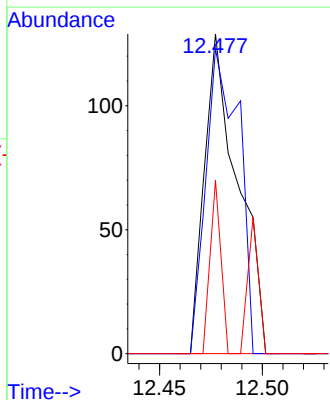
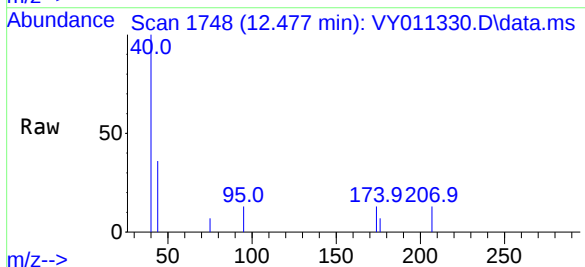
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-110322

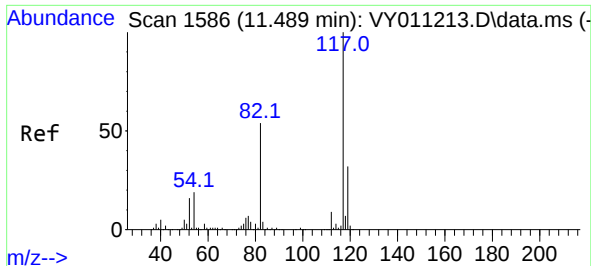
Tgt Ion: 98 Resp: 1334
Ion Ratio Lower Upper
98 100
100 60.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 13.585 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 95 Resp: 146
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 17.8 0.0 175.8

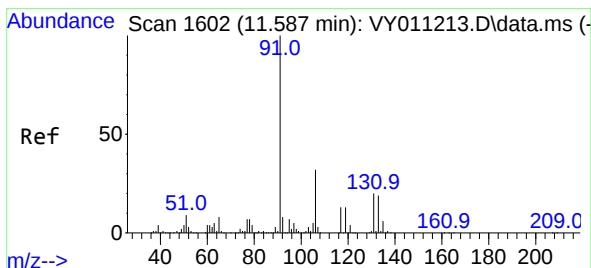
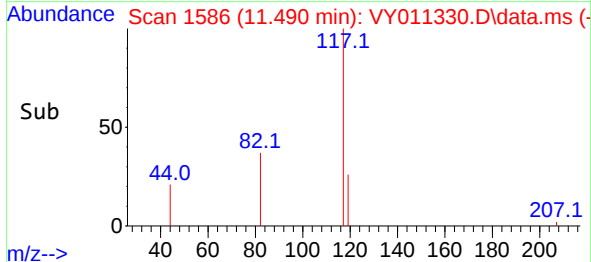
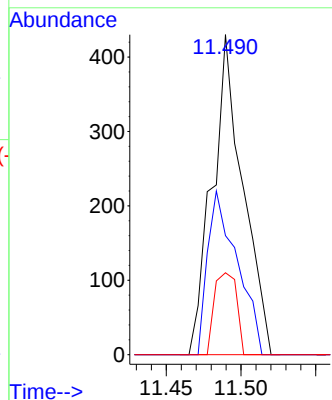
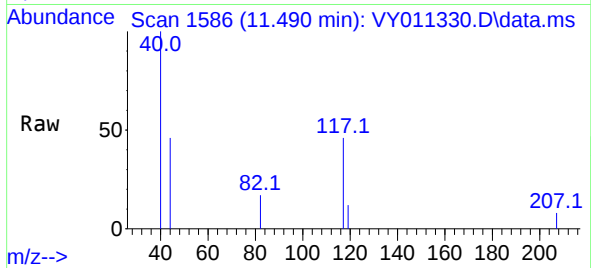




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

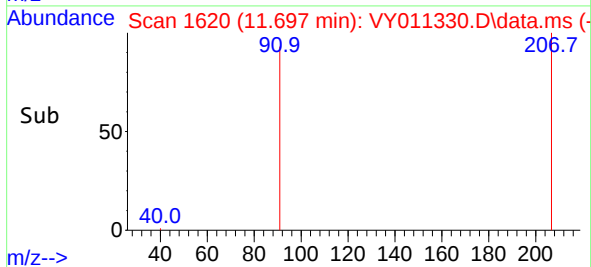
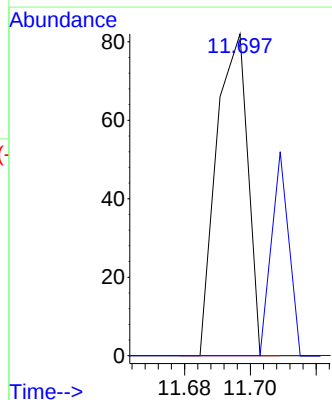
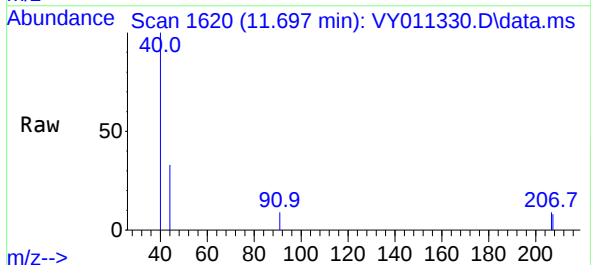
Instrument :
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ClientSampleId :
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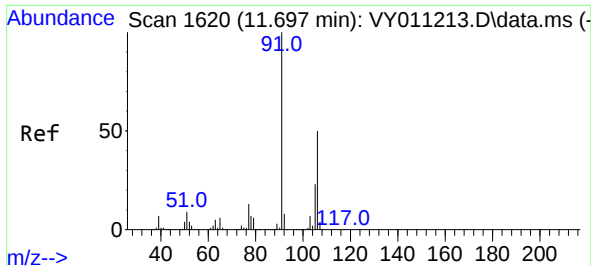
Tgt Ion:117	Resp:	615
Ion	Ratio	Lower Upper
117	100	
82	37.2	43.0 64.4#
119	25.6	25.4 38.0



#67
Ethyl Benzene
Concen: 2.244 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.104 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 91	Resp:	54
Ion	Ratio	Lower Upper
91	100	
106	0.0	24.5 36.7#

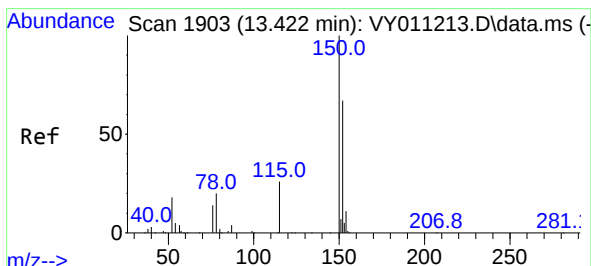
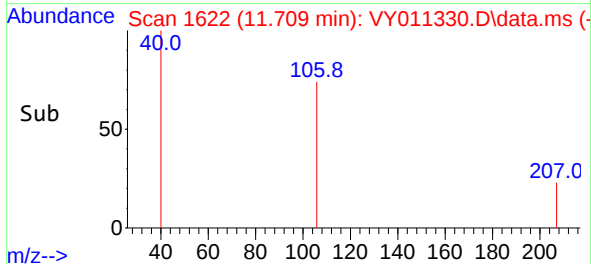
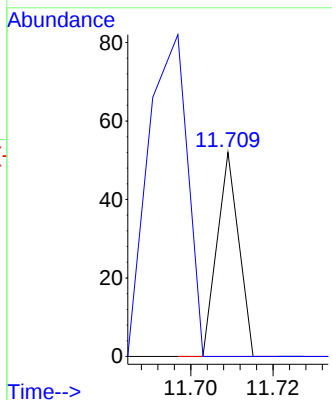
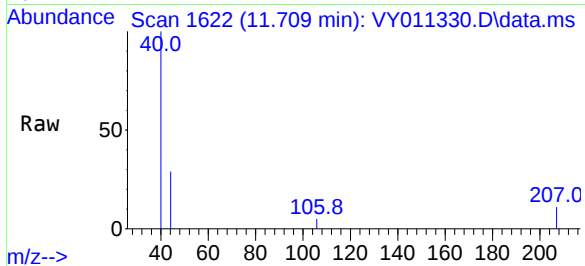




#68
m/p-Xylenes
Concen: 2.034 ug/l
RT: 11.709 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

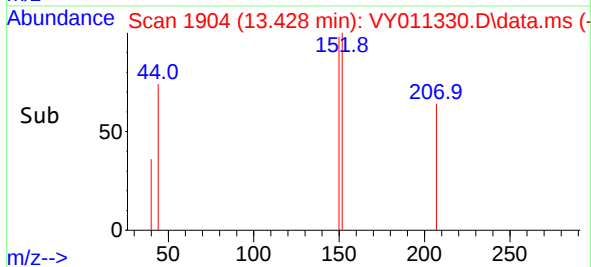
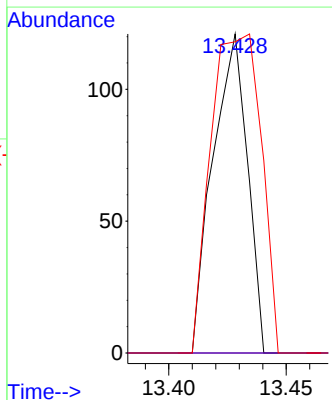
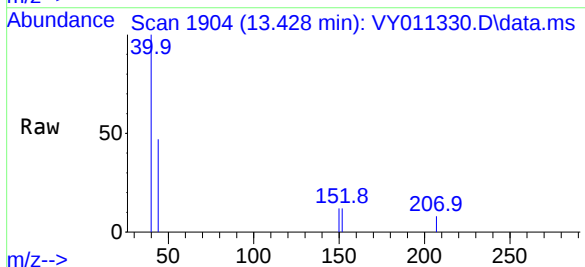
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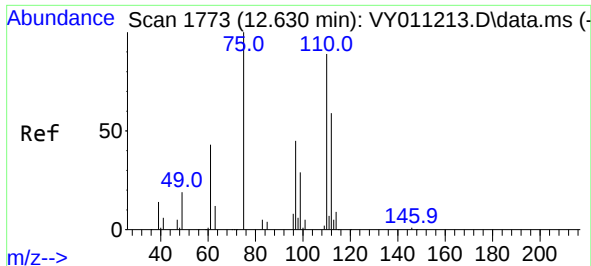
Tgt Ion:106 Resp: 19
Ion Ratio Lower Upper
106 100
91 284.2 166.6 249.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

Tgt Ion:152 Resp: 124
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 145.2 0.0 347.6

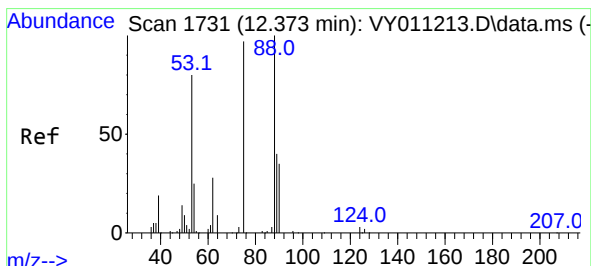
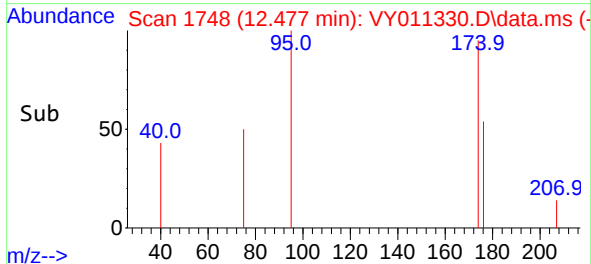
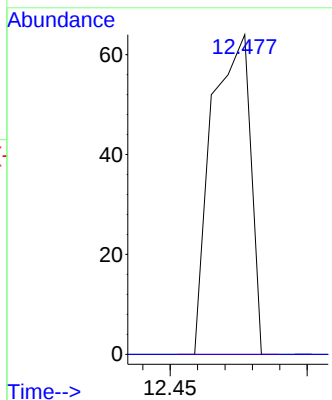
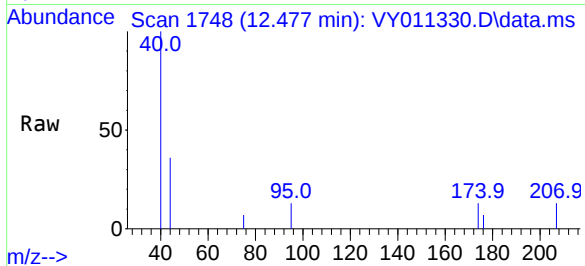




#76
1,2,3-Trichloropropane
Concen: 41.733 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

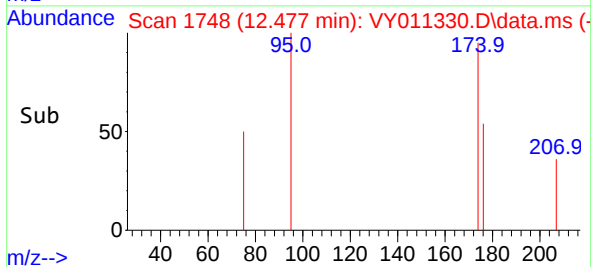
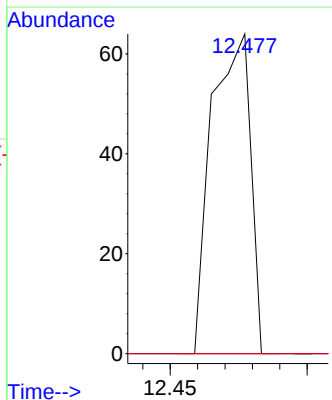
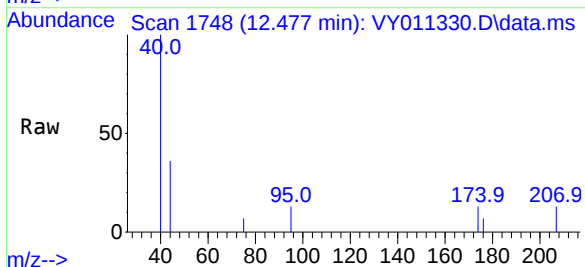
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-110322

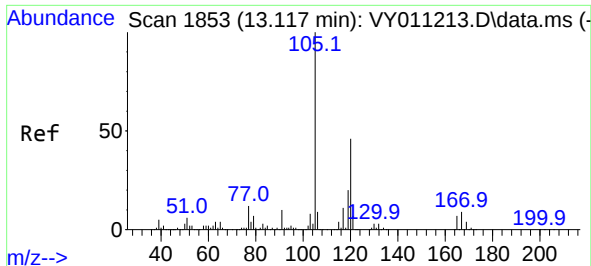
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 89.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

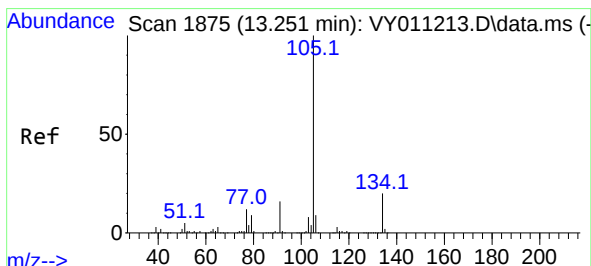
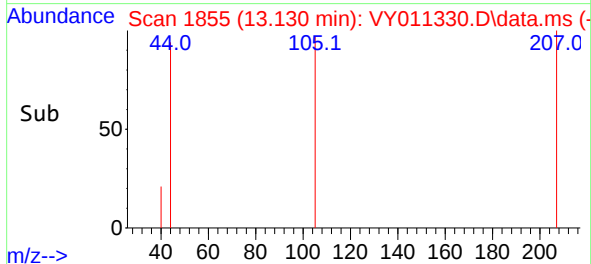
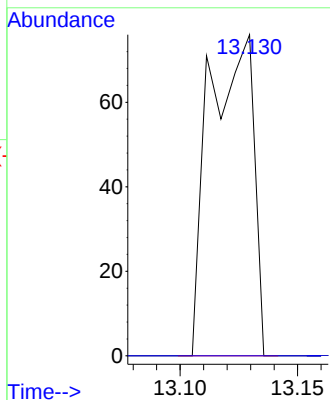
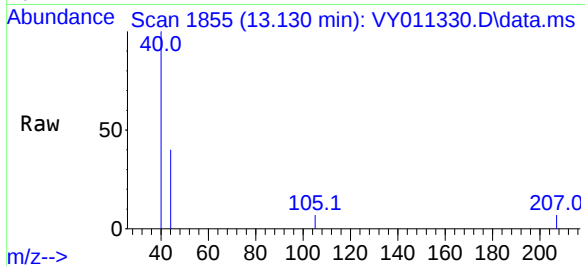




#84
1,2,4-Trimethylbenzene
Concen: 12.759 ug/l
RT: 13.130 min Scan# 1853
Delta R.T. 0.013 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-110322

Tgt Ion:105 Resp: 99
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#



#85
sec-Butylbenzene
Concen: 9.878 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. -0.121 min
Lab File: VY011330.D
Acq: 07 Nov 2022 12:56

Tgt Ion:105 Resp: 99
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

