

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010471.D
 Acq On : 13 Sep 2022 20:03
 Operator : KP/MD
 Sample : N4572-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124037

Quant Time: Sep 14 05:28:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

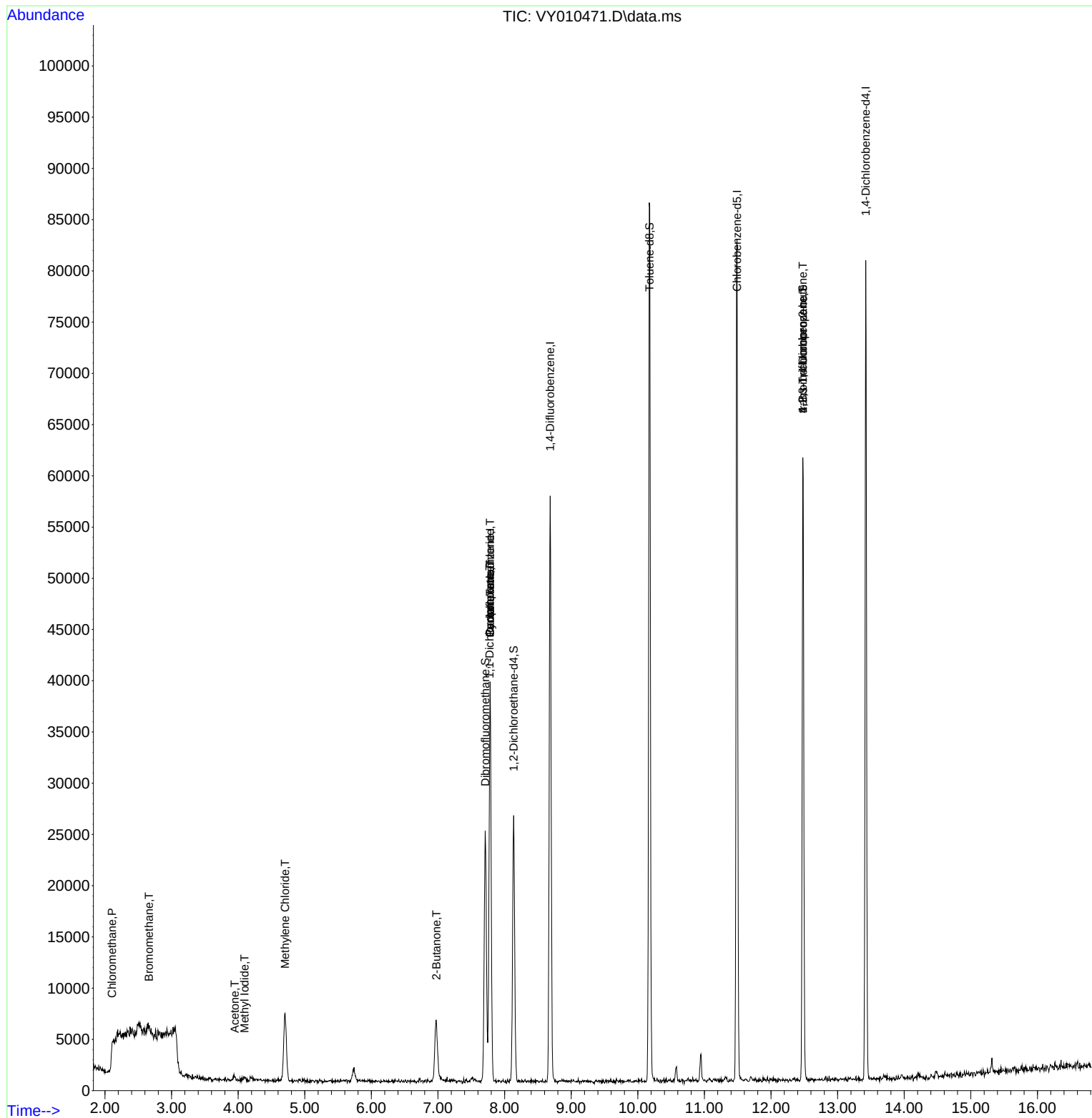
Internal Standards						
1) Pentafluorobenzene	7.783	168	29433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	50219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19711	66.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.980%			
35) Dibromofluoromethane	7.710	113	17606	49.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.720%			
50) Toluene-d8	10.179	98	58937	50.988	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.477	95	19617	41.807	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.620%			
Target Compounds						Qvalue
3) Chloromethane	2.107	50	377	1.140	ug/l #	51
5) Bromomethane	2.662	94	462	1.616	ug/l #	78
10) Methyl Iodide	4.094	142	400	1.068	ug/l #	85
11) Tert butyl alcohol	4.930	59	175	Below Cal	#	77
16) Acetone	3.948	43	517	7.600	ug/l #	47
20) Methylene Chloride	4.704	84	5052	9.815	ug/l #	80
25) 2-Butanone	6.978	43	338	3.126	ug/l #	54
31) Cyclohexane	7.783	56	569	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	2211	4.528	ug/l #	48
38) Carbon Tetrachloride	7.783	117	3017	5.554	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	9868	43.075	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9868	95.642	ug/l #	7

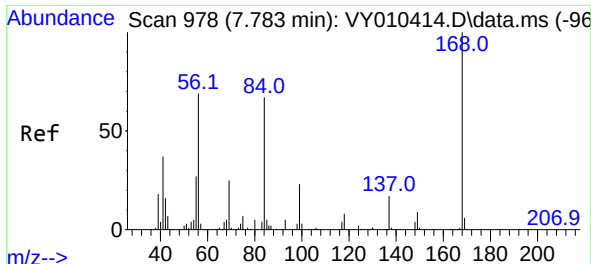
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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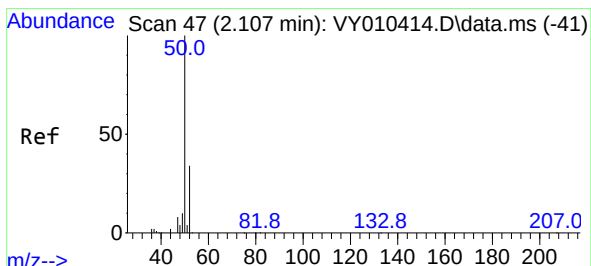
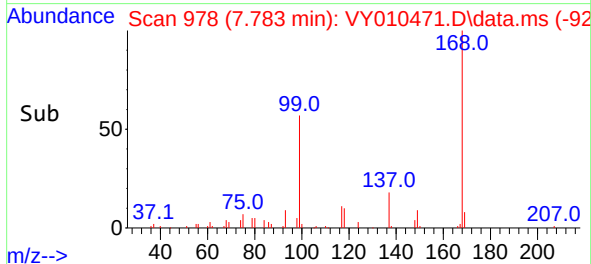
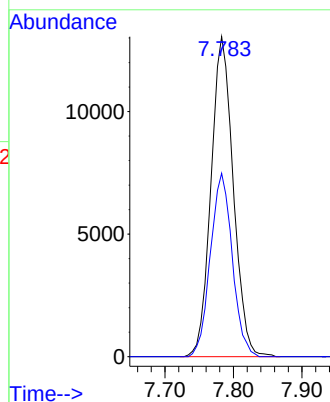
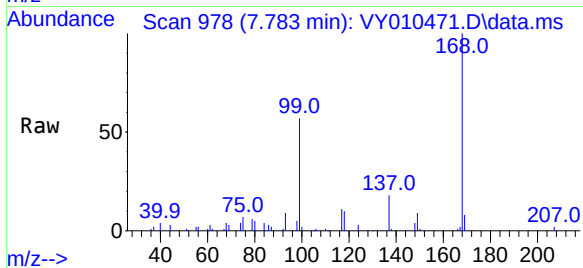




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

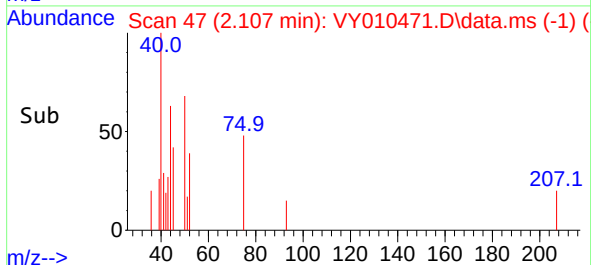
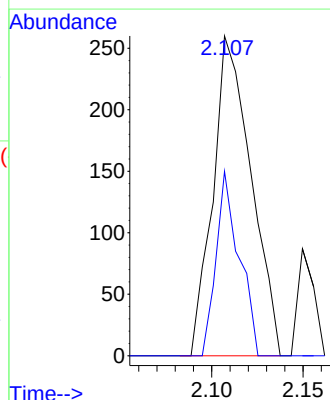
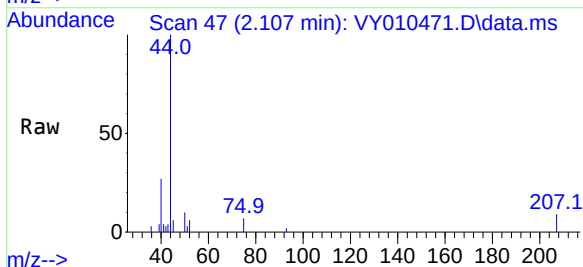
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

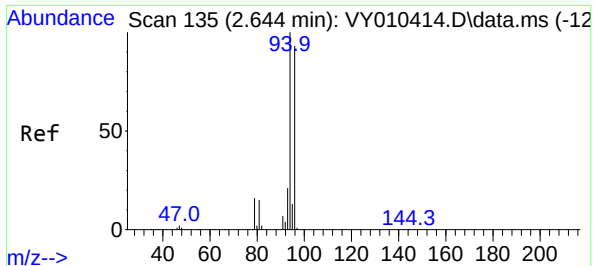
Tgt Ion:168 Resp: 29433
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#3
Chloromethane
Concen: 1.140 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 50 Resp: 377
Ion Ratio Lower Upper
50 100
52 57.7 24.6 37.0#

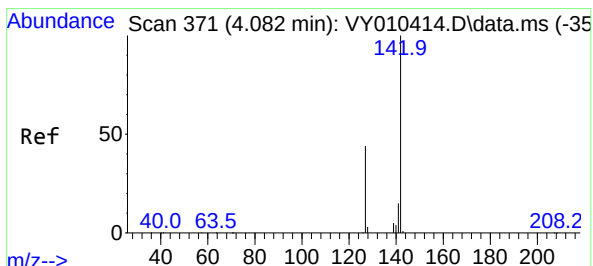
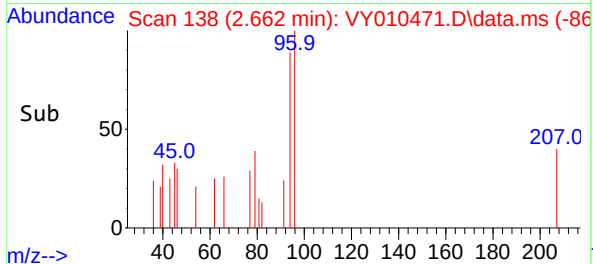
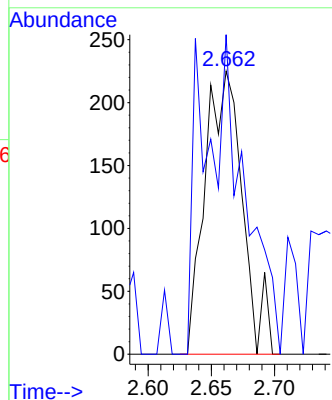
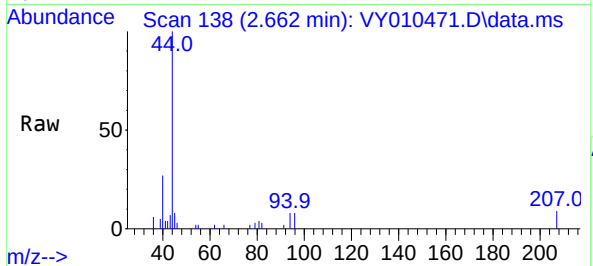




#5
Bromomethane
Concen: 1.616 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

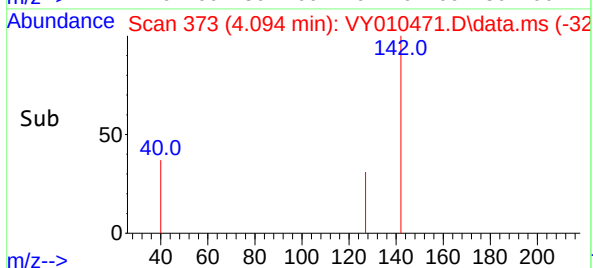
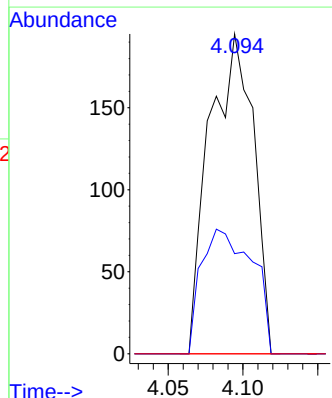
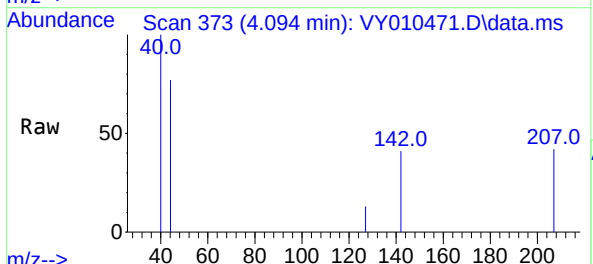
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

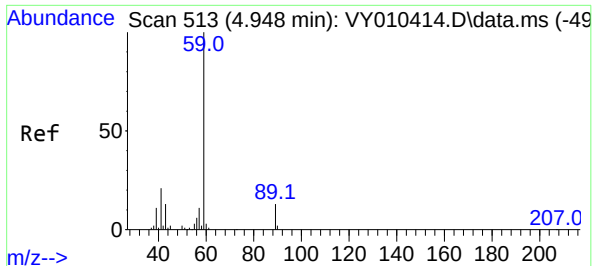
Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 112.9 73.5 110.3#



#10
Methyl Iodide
Concen: 1.068 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion:142 Resp: 400
Ion Ratio Lower Upper
142 100
127 45.3 41.5 62.3
141 0.0 11.9 17.9#

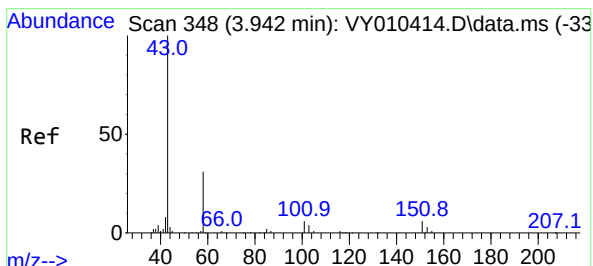
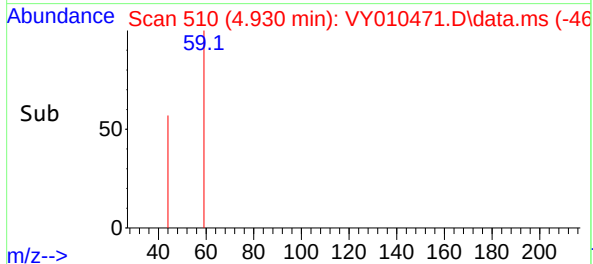
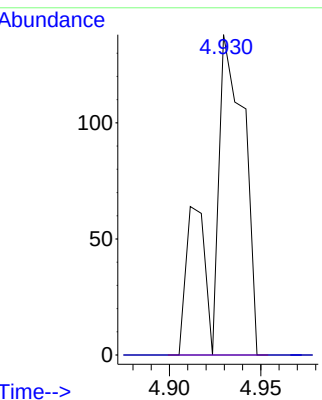
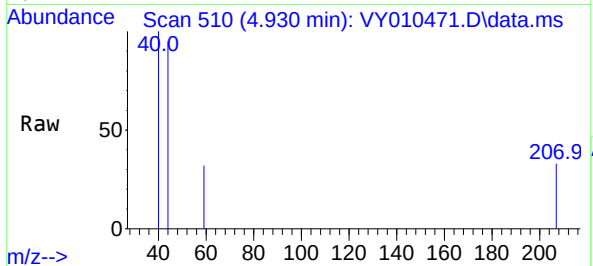




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

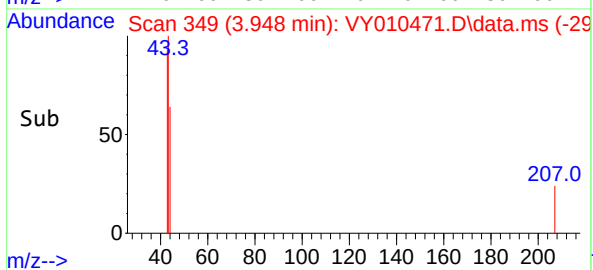
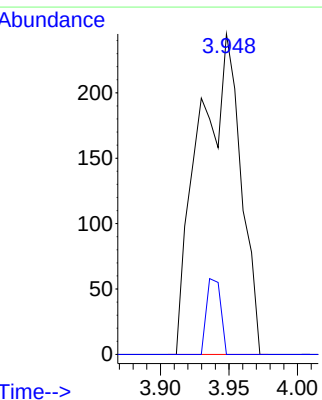
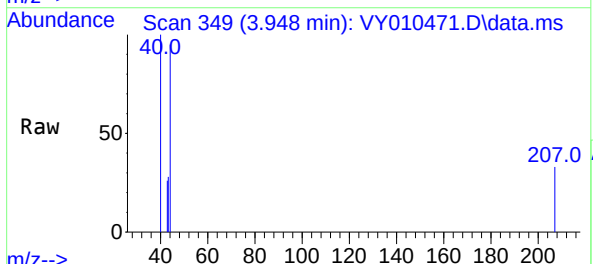
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

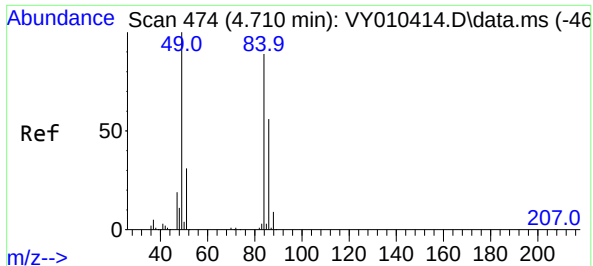
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 7.600 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

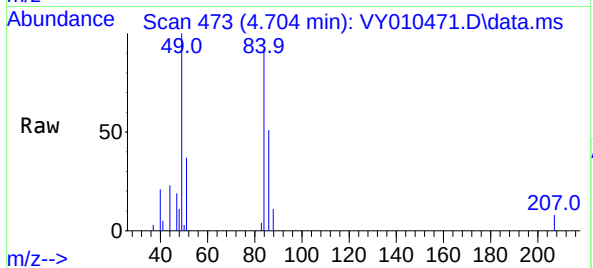
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





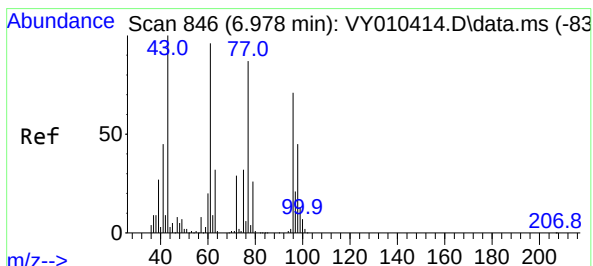
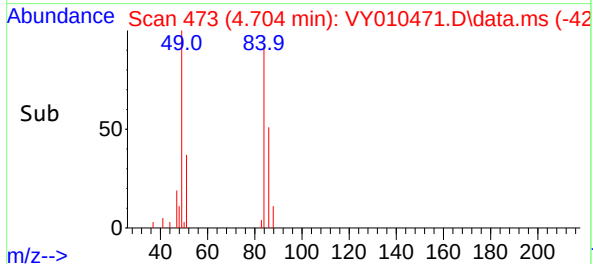
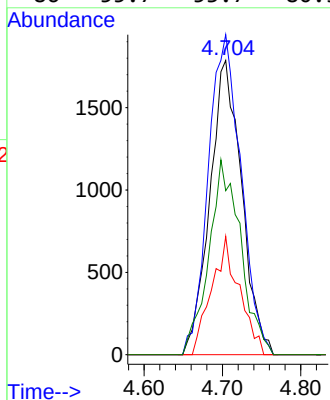
#20
Methylene Chloride
Concen: 9.815 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037



Tgt Ion: 84 Resp: 5052

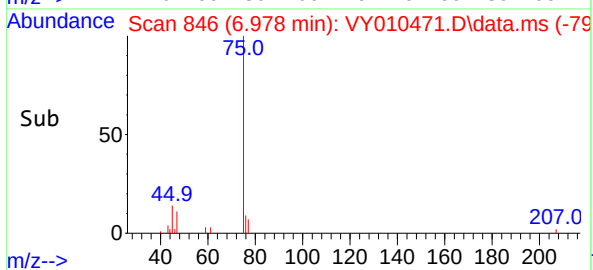
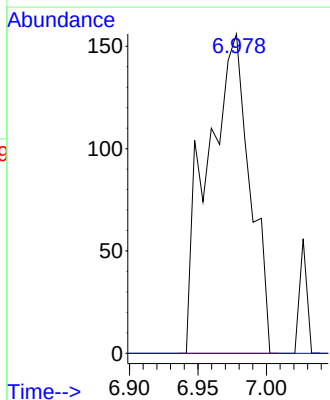
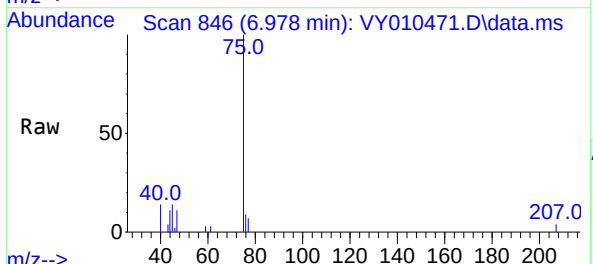
Ion	Ratio	Lower	Upper
84	100		
49	108.7	114.4	171.6#
51	40.2	35.3	52.9
86	55.7	53.7	80.5

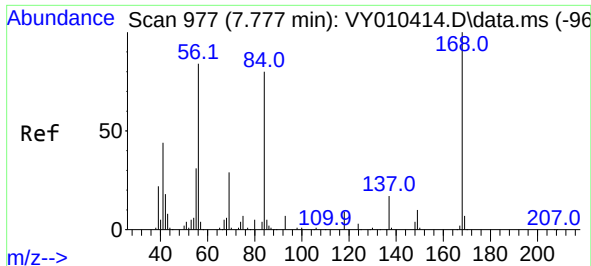


#25
2-Butanone
Concen: 3.126 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 43 Resp: 338

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

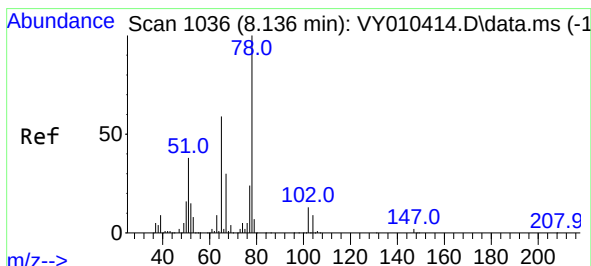
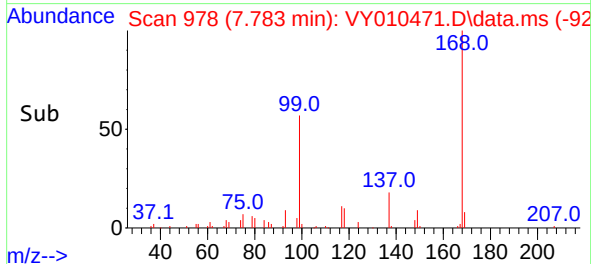
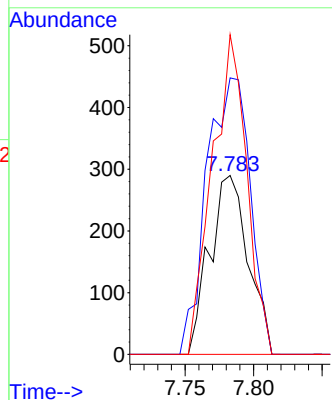
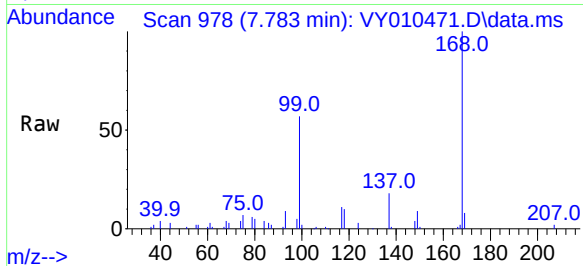




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

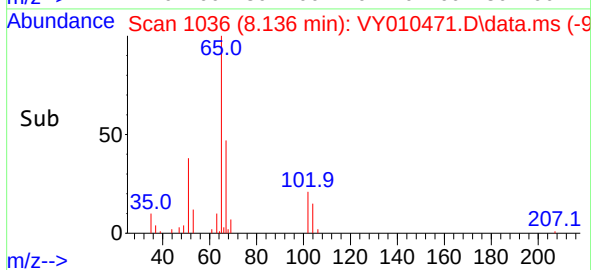
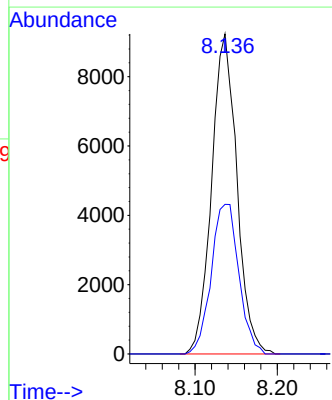
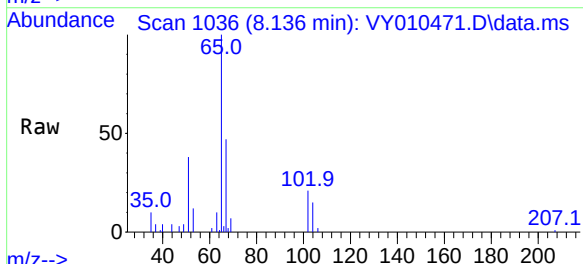
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

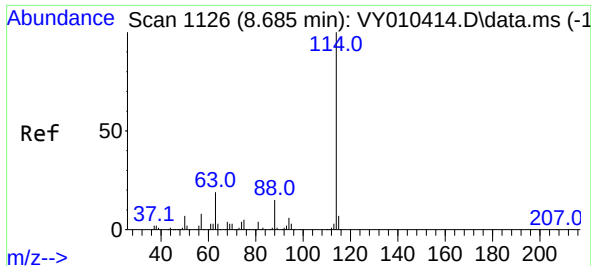
Tgt Ion: 56 Resp: 569
Ion Ratio Lower Upper
56 100
69 154.5 26.7 40.1#
84 178.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.493 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 65 Resp: 19711
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010471.D

Acq: 13 Sep 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124037

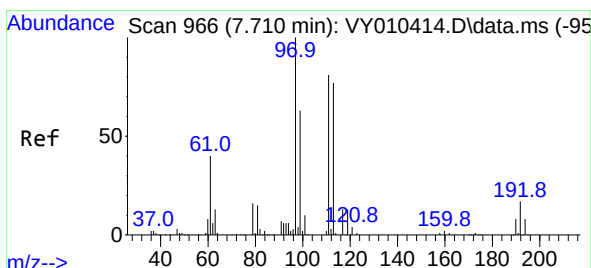
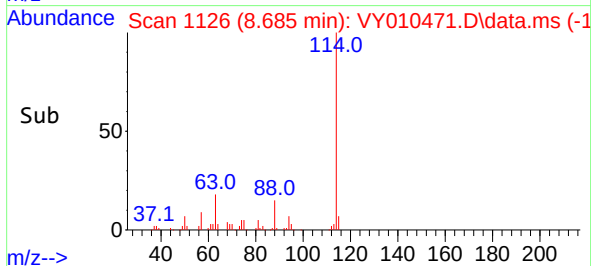
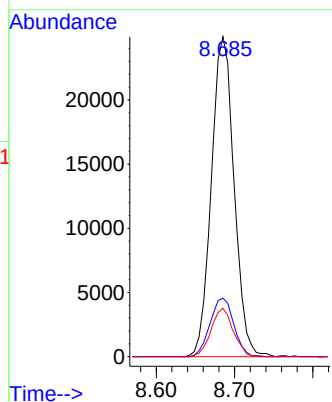
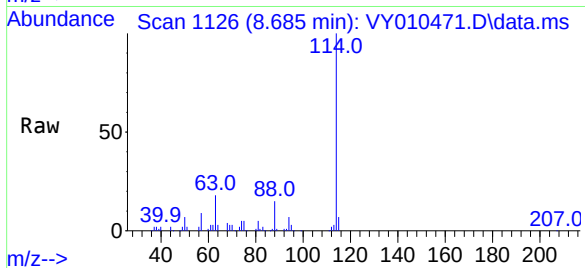
Tgt Ion:114 Resp: 50219

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.364 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010471.D

Acq: 13 Sep 2022 20:03

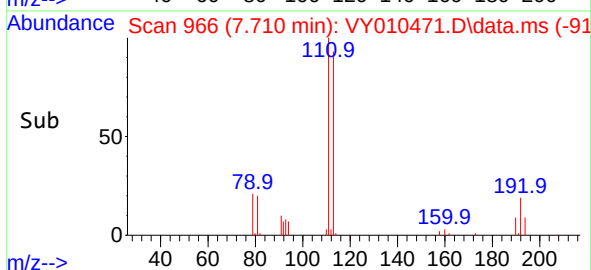
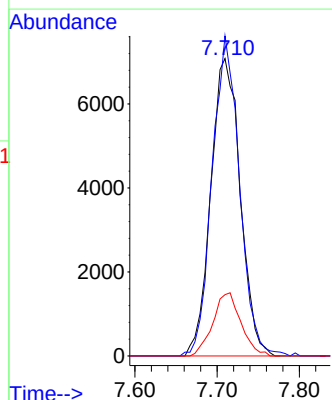
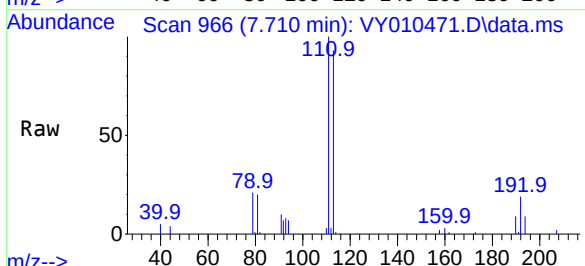
Tgt Ion:113 Resp: 17606

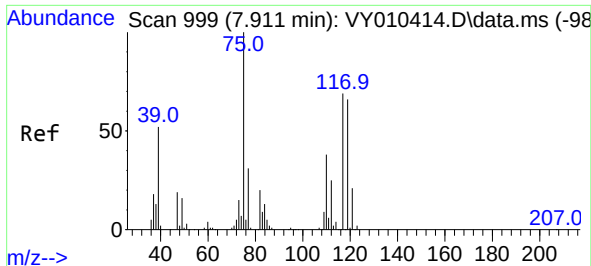
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 20.2 17.6 26.4

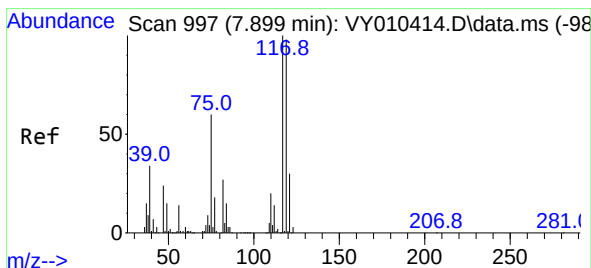
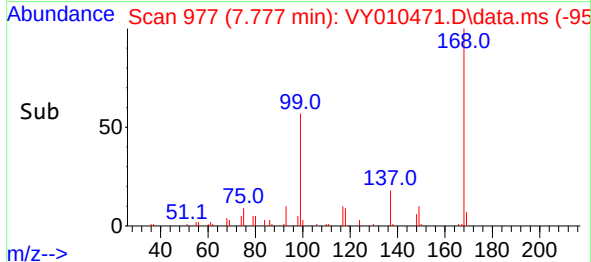
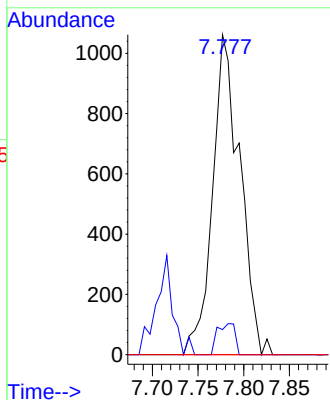
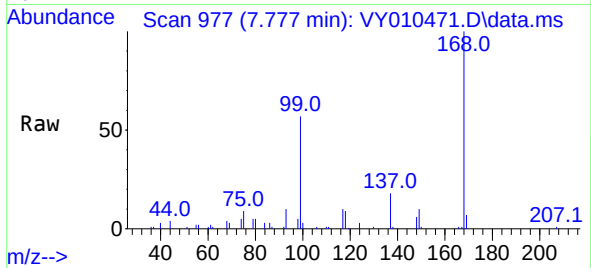




#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

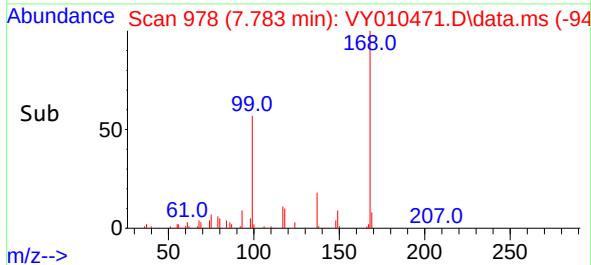
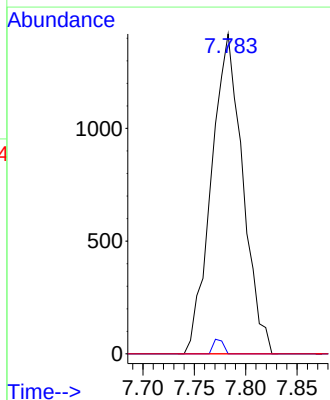
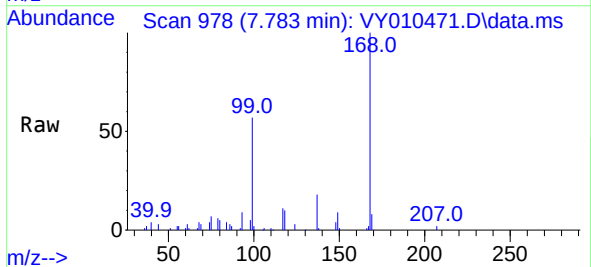
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

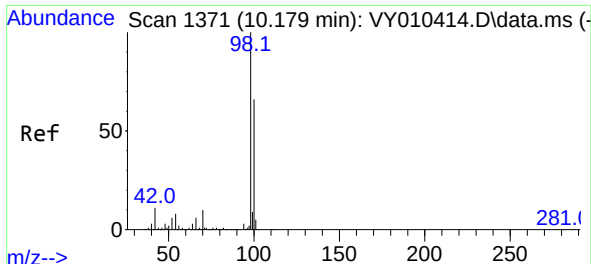
Tgt Ion: 75 Resp: 2211
Ion Ratio Lower Upper
75 100
110 6.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 117 Resp: 3017
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

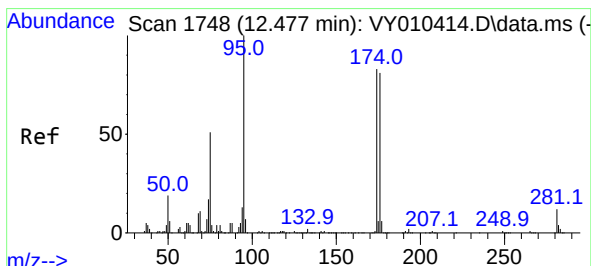
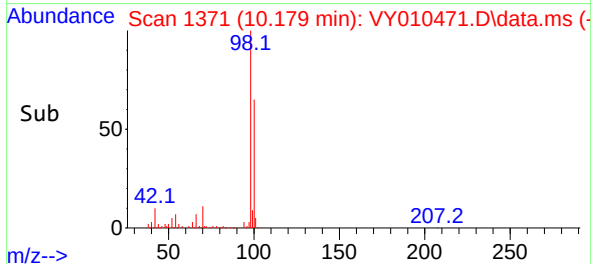
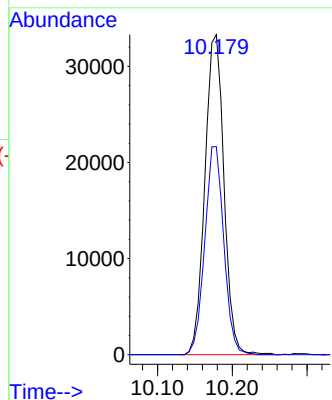
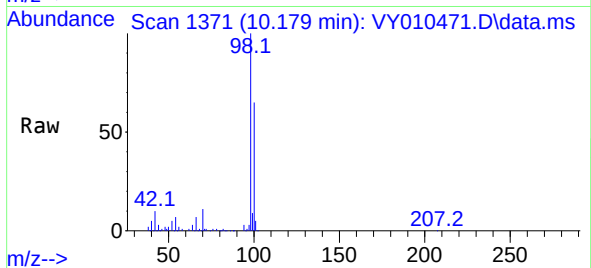




#50
Toluene-d8
Concen: 50.988 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

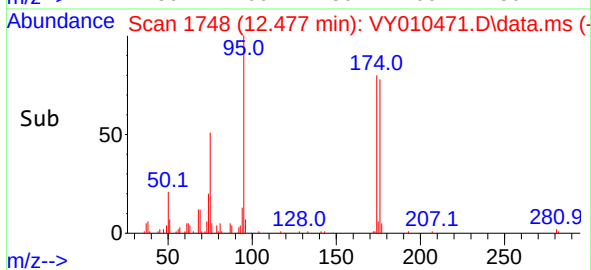
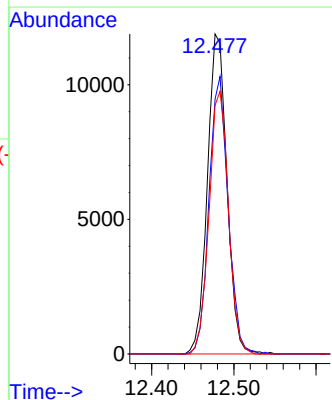
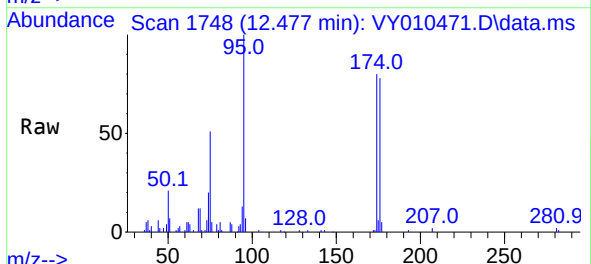
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

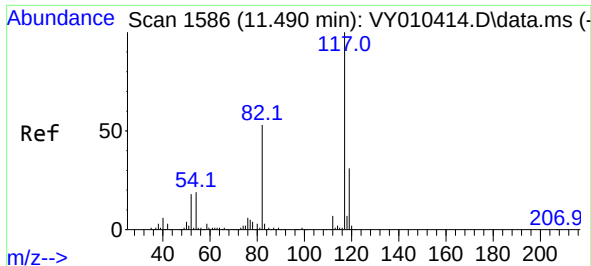
Tgt Ion: 98 Resp: 58937
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.807 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 95 Resp: 19617
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.3 0.0 175.8

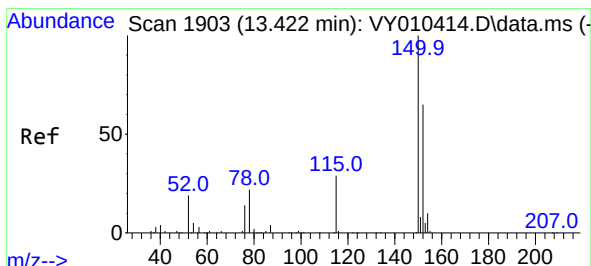
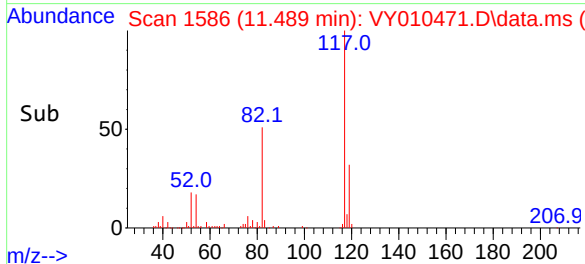
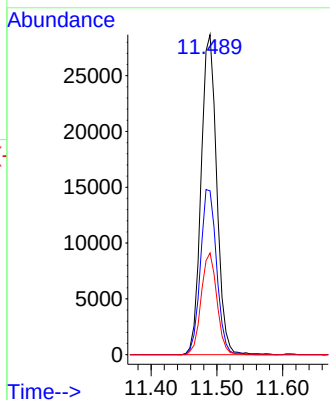
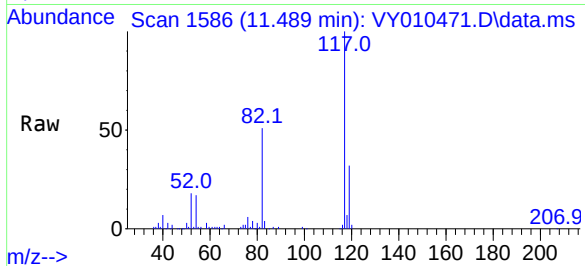




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

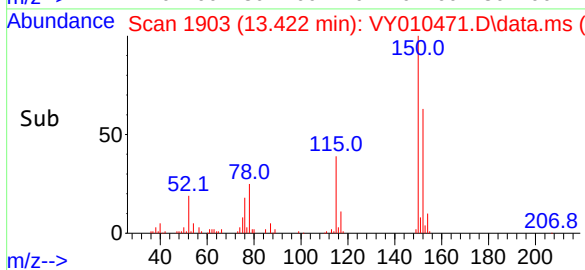
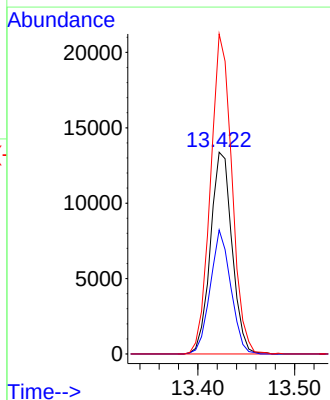
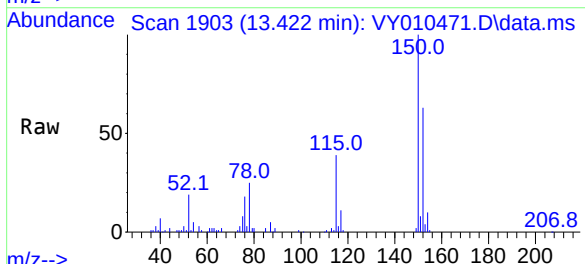
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

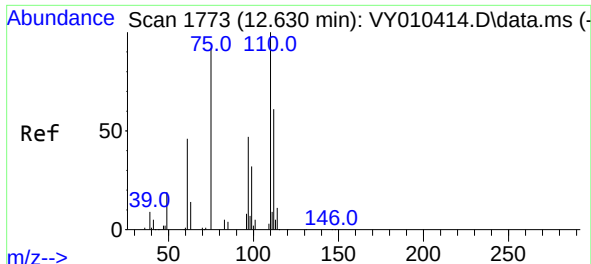
Tgt Ion:	117	Resp:	47440
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.0	64.4
119	31.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion:	152	Resp:	20757
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	157.1	0.0	347.6

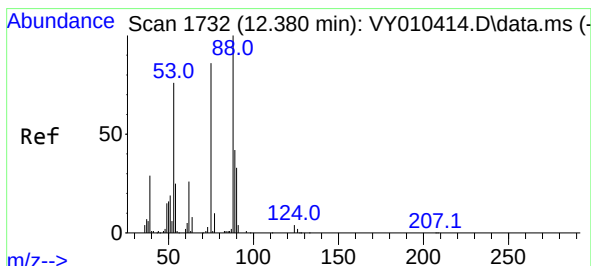
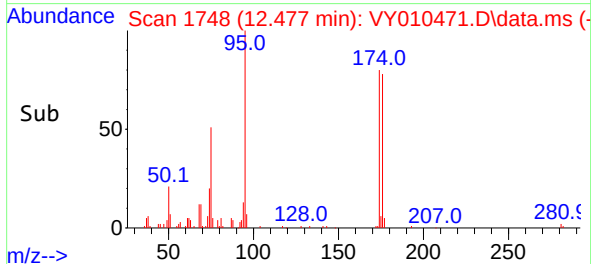
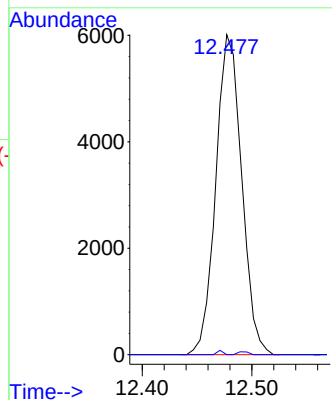
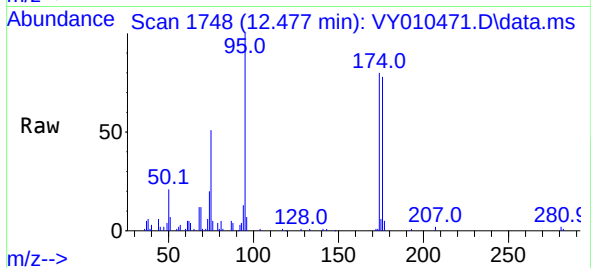




#76
1,2,3-Trichloropropane
Concen: 43.075 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124037

Tgt Ion: 75 Resp: 9868
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010471.D
Acq: 13 Sep 2022 20:03

Tgt Ion: 75 Resp: 9868
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

