

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005927.D
 Acq On : 01 Sep 2021 13:54
 Operator : SY/MD
 Sample : M3597-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-PSC124042

Quant Time: Sep 02 07:48:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

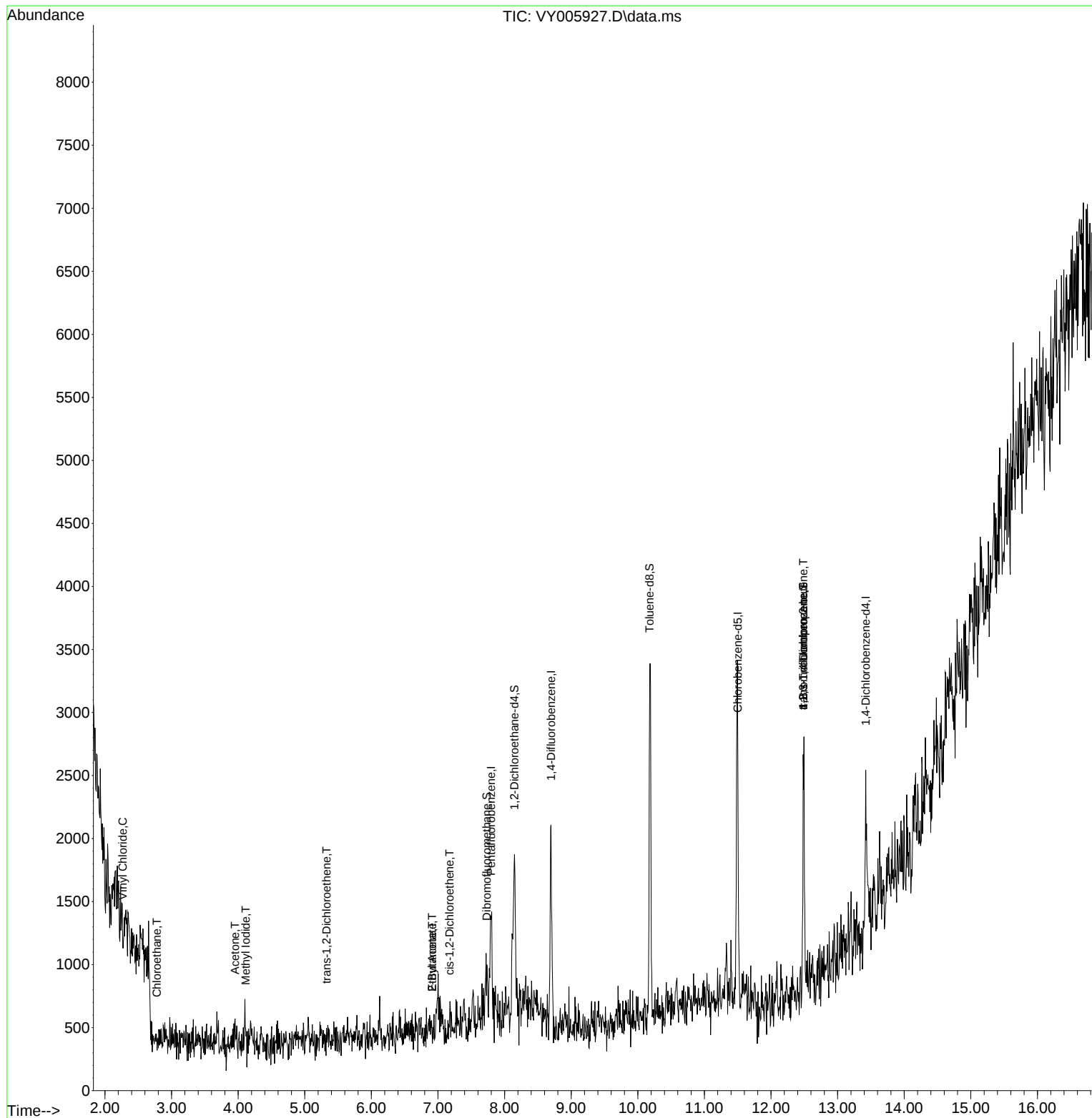
Internal Standards						
1) Pentafluorobenzene	7.795	168	1072	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	1710	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	971	89.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.76%#
35) Dibromofluoromethane	7.734	113	383	38.71	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.42%
50) Toluene-d8	10.179	98	2215	53.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.68%
62) 4-Bromofluorobenzene	12.483	95	378	27.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.22%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.265	62	20	1.52	ug/l	# 43
6) Chloroethane	2.778	64	25	3.17	ug/l	# 43
10) Methyl Iodide	4.113	142	290	25.46	ug/l	# 48
16) Acetone	3.954	43	116	42.11	ug/l	# 43
20) Methylene Chloride	4.716	84	22	Below	Cal	# 59
21) trans-1,2-Dichloroethene	5.326	96	27	2.63	ug/l	# 1
25) 2-Butanone	6.911	43	18	4.63	ug/l	# 47
27) cis-1,2-Dichloroethene	7.173	96	23	1.99	ug/l	# 1
37) Ethyl Acetate	6.911	43	18	1.81	ug/l	# 68
76) 1,2,3-Trichloropropane	12.483	75	220	83.95	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	220	159.65	ug/l	# 13

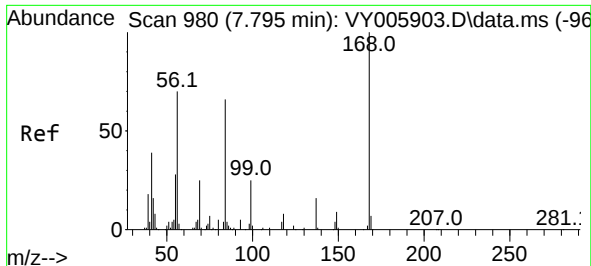
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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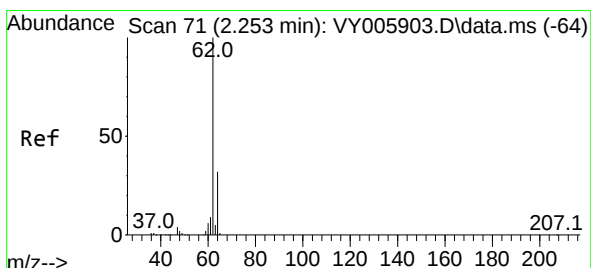
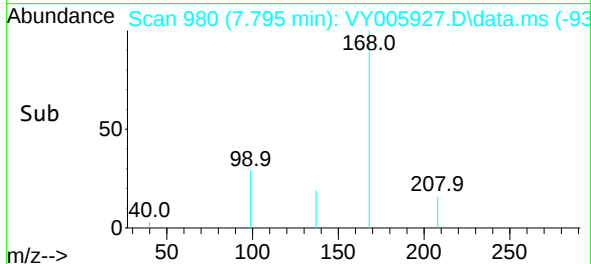
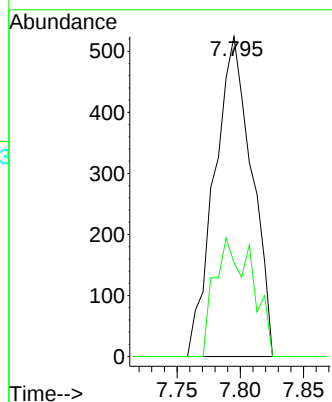
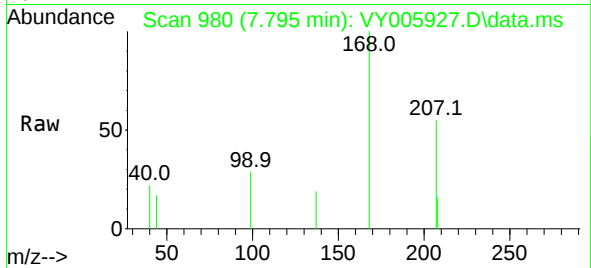




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

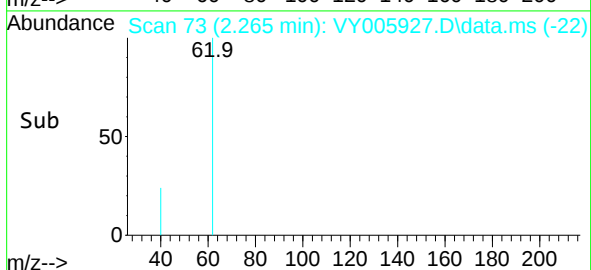
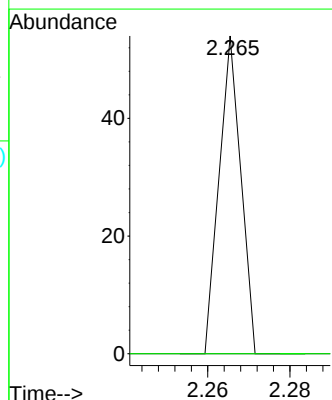
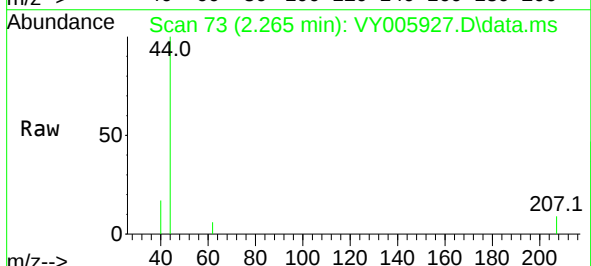
Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042

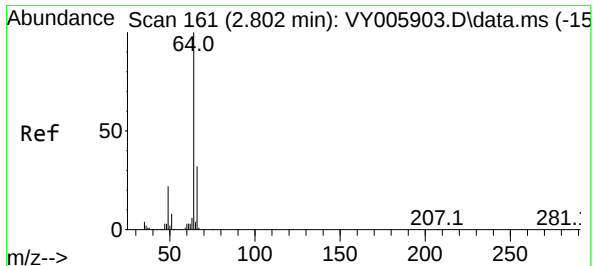
Tgt Ion:168 Resp: 1072
Ion Ratio Lower Upper
168 100
99 29.4 40.6 60.8#



#4
Vinyl Chloride
Concen: 1.52 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion: 62 Resp: 20
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

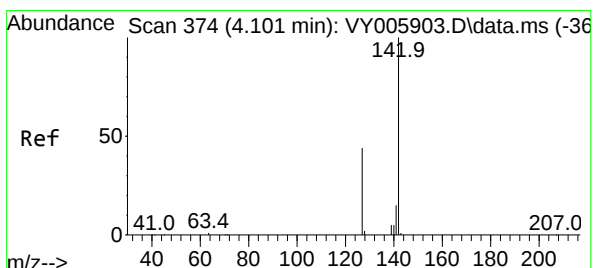
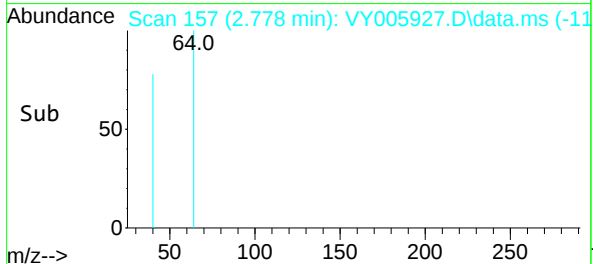
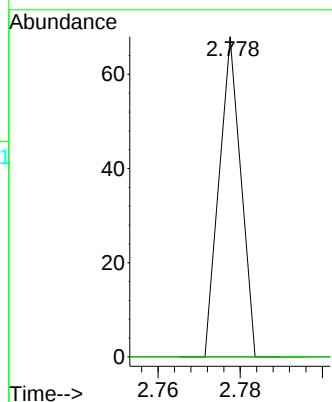
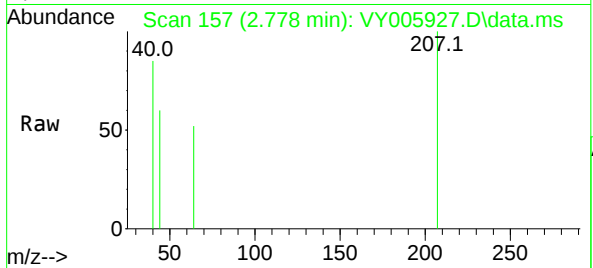




#6
Chloroethane
Concen: 3.17 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.025 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

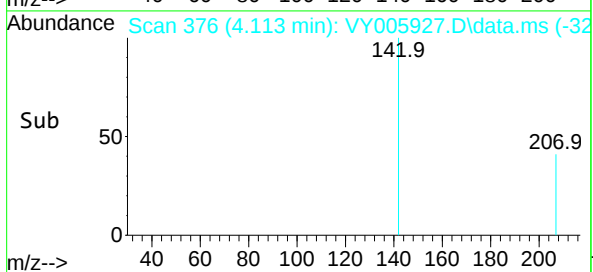
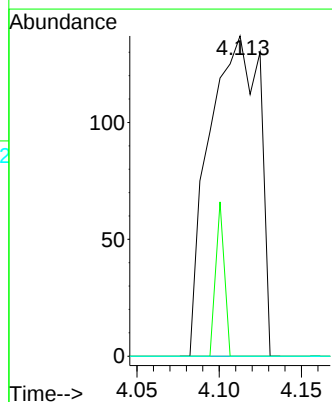
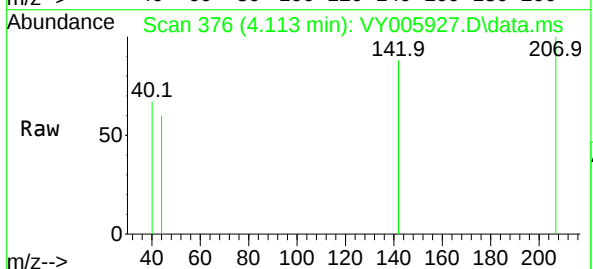
Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042

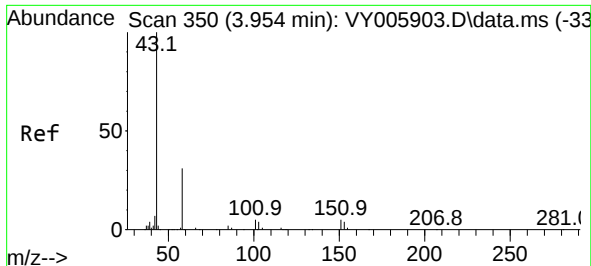
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 25.46 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

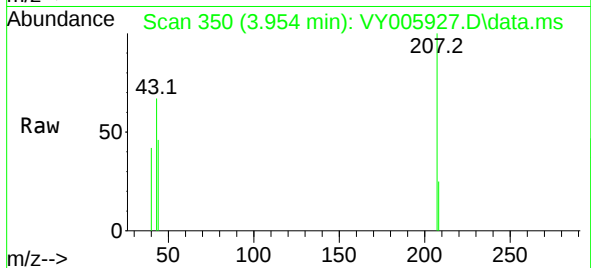
Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
127 8.3 36.7 55.1#
141 0.0 11.8 17.8#



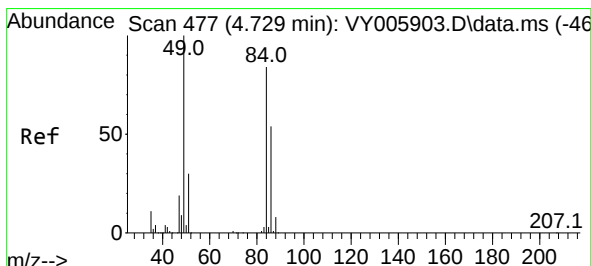
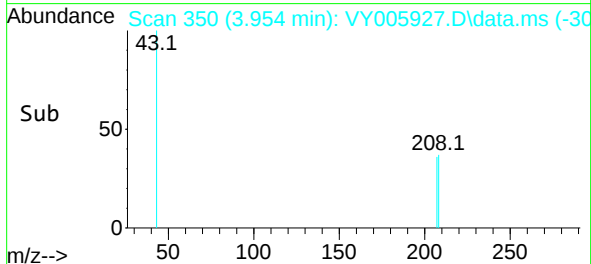
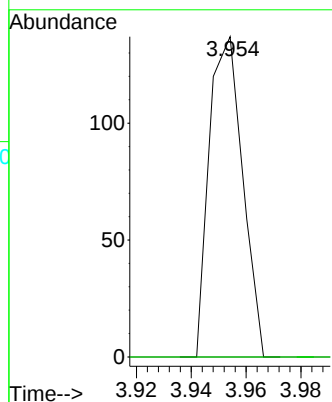


#16
Acetone
Concen: 42.11 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

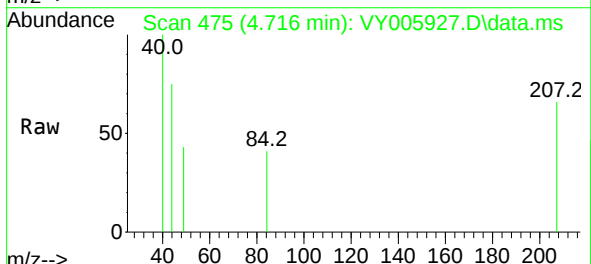
Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042



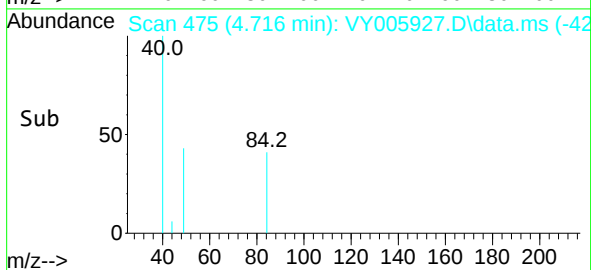
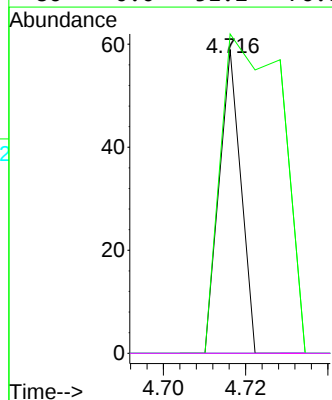
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#

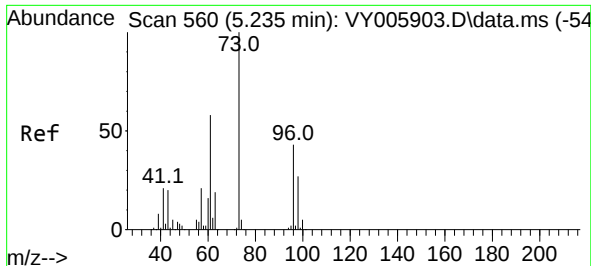


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54



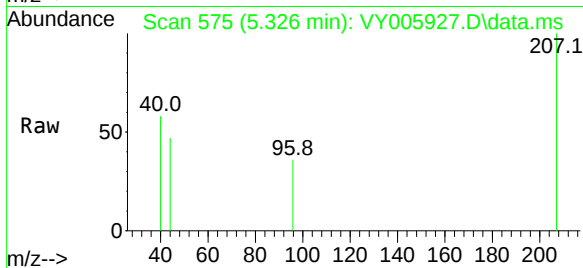
Tgt Ion: 84 Resp: 22
Ion Ratio Lower Upper
84 100
49 105.1 95.7 143.5
51 0.0 29.0 43.6#
86 0.0 51.2 76.8#



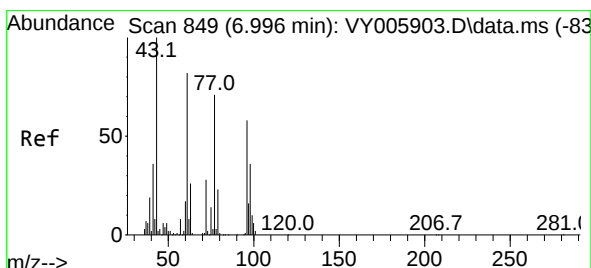
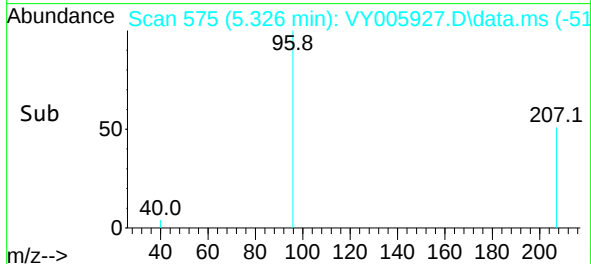
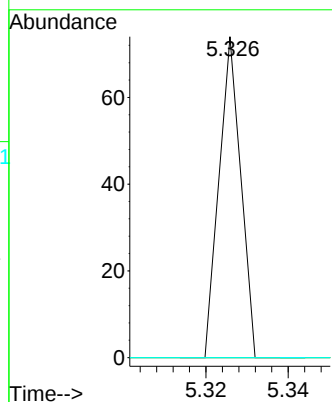


#21
trans-1,2-Dichloroethene
Concen: 2.63 ug/l
RT: 5.326 min Scan# 575
Delta R.T. 0.091 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

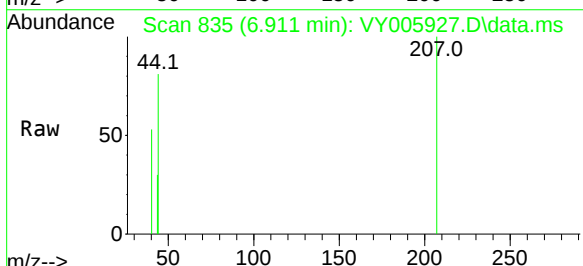
Instrument :
MSVOA_Y
ClientSampleId :
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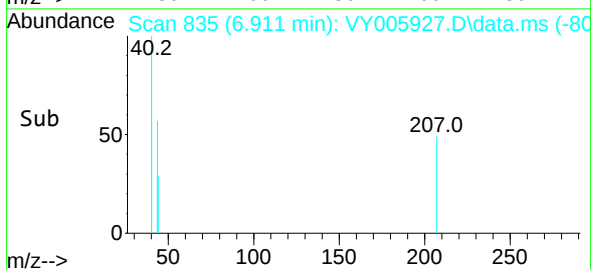
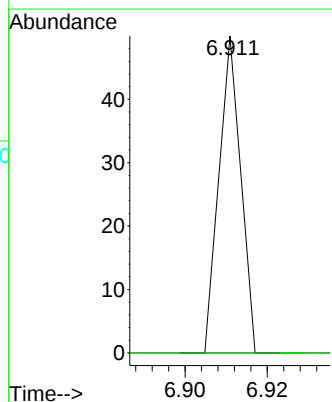
Tgt Ion: 96 Resp: 27
Ion Ratio Lower Upper
96 100
61 0.0 108.3 162.5#
98 0.0 50.3 75.5#

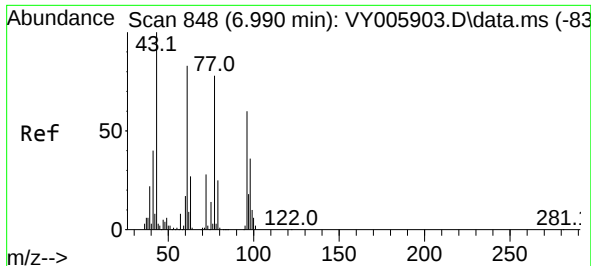


#25
2-Butanone
Concen: 4.63 ug/l
RT: 6.911 min Scan# 835
Delta R.T. -0.086 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54



Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#

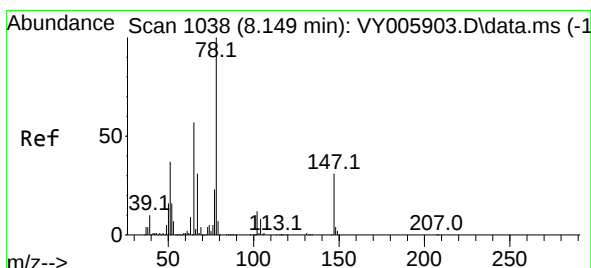
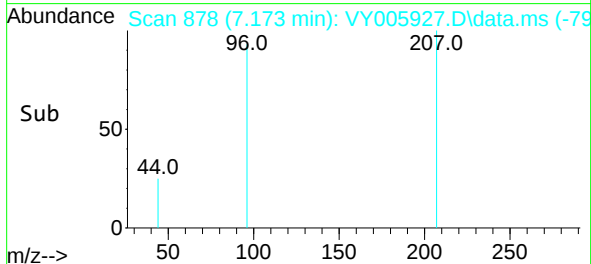
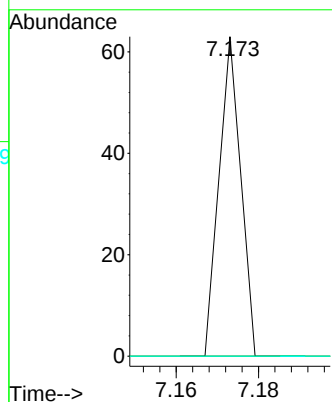
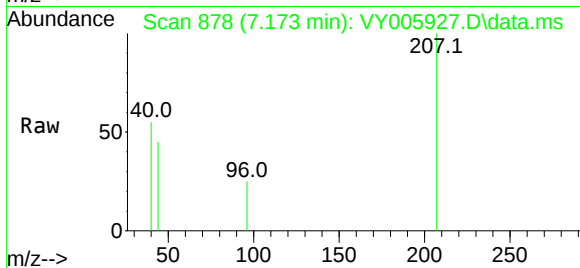




#27
 cis-1,2-Dichloroethene
 Concen: 1.99 ug/l
 RT: 7.173 min Scan# 878
 Delta R.T. 0.183 min
 Lab File: VY005927.D
 Acq: 01 Sep 2021 13:54

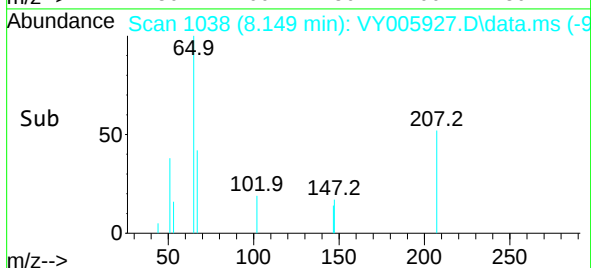
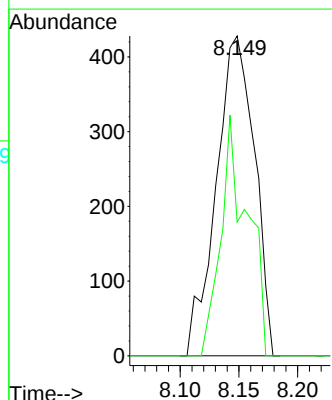
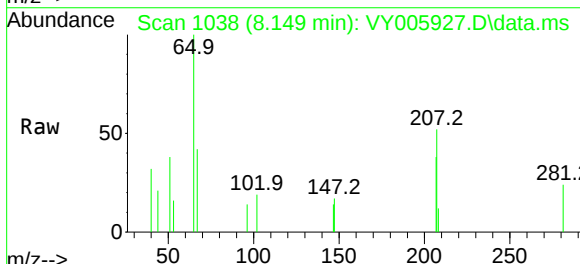
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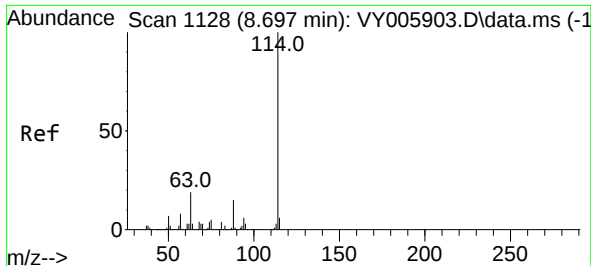
Tgt Ion: 96 Resp: 23
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 289.2
 98 0.0 0.0 126.8



#33
 1,2-Dichloroethane-d4
 Concen: 89.88 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005927.D
 Acq: 01 Sep 2021 13:54

Tgt Ion: 65 Resp: 971
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.4

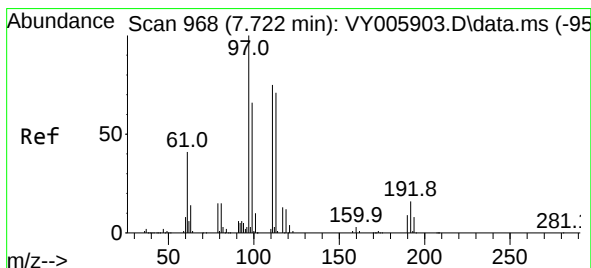
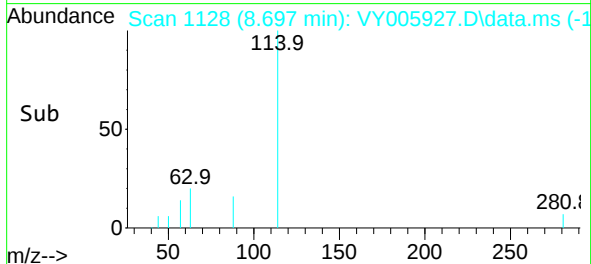
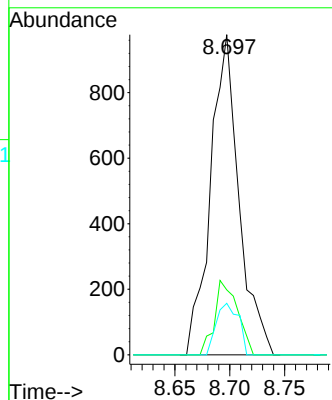
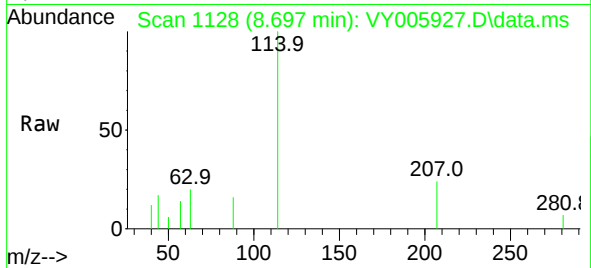




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

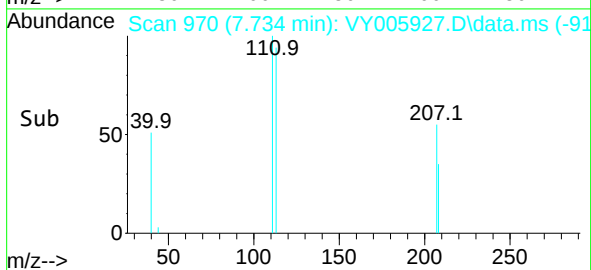
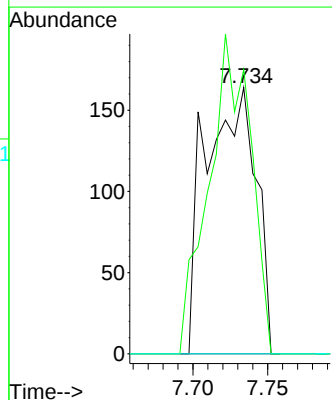
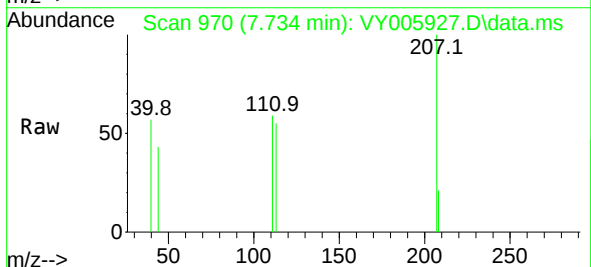
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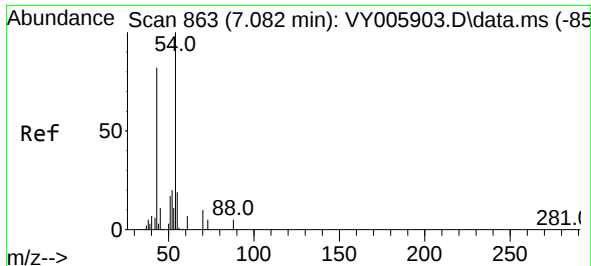
Tgt Ion:	114	Resp:	1762
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.4
88	16.1	0.0	30.0



#35
Dibromofluoromethane
Concen: 38.71 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion:	113	Resp:	383
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.9	122.9
192	0.0	19.4	29.0





#37

Ethyl Acetate

Concen: 1.81 ug/l

RT: 6.911 min Scan# 835

Delta R.T. -0.171 min

Lab File: VY005927.D

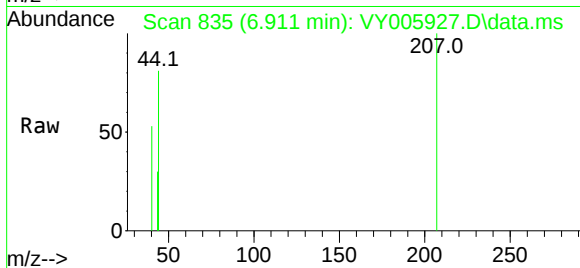
Acq: 01 Sep 2021 13:54

Instrument :

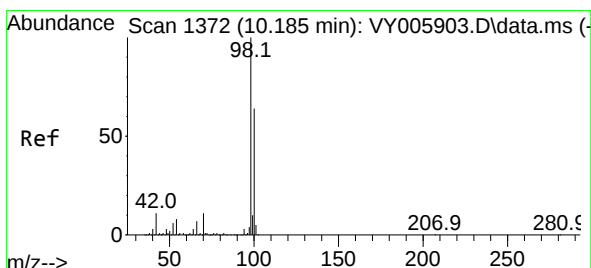
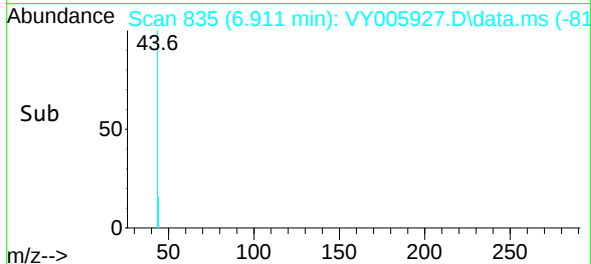
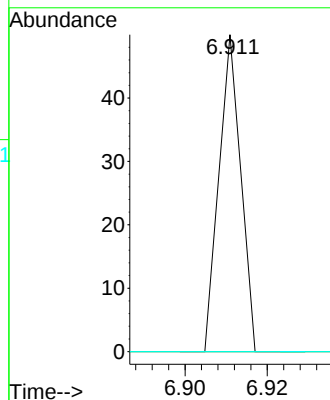
MSVOA_Y

ClientSampleId :

RO-PSC124042



Tgt Ion:	43	Resp:	18
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	8.3	12.5#



#50

Toluene-d8

Concen: 53.34 ug/l

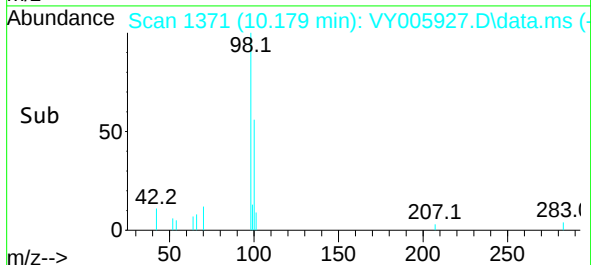
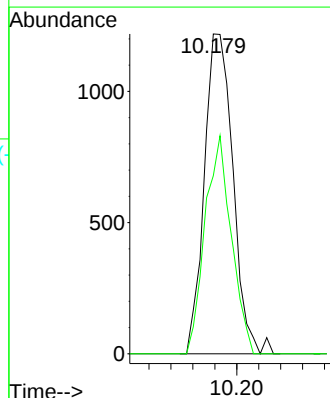
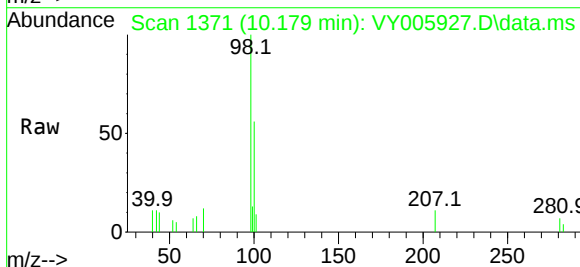
RT: 10.179 min Scan# 1371

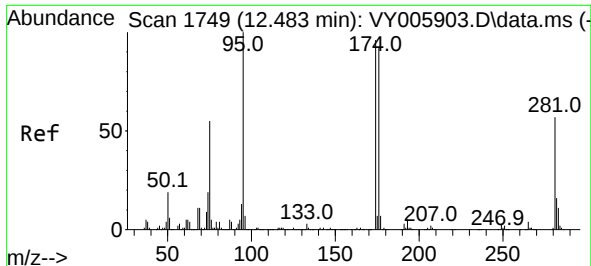
Delta R.T. -0.006 min

Lab File: VY005927.D

Acq: 01 Sep 2021 13:54

Tgt Ion:	98	Resp:	2215
Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.9	76.3

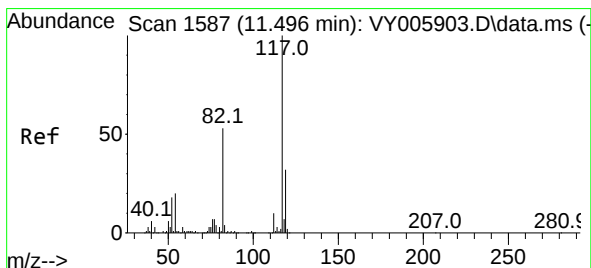
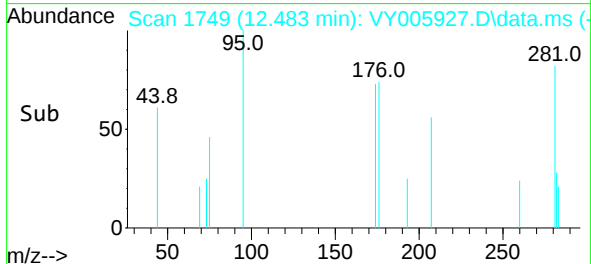
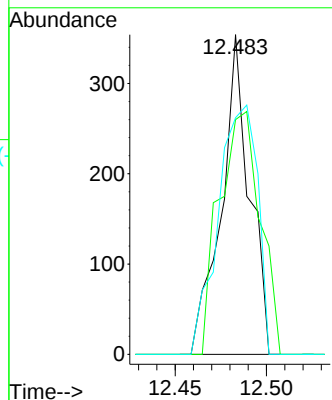
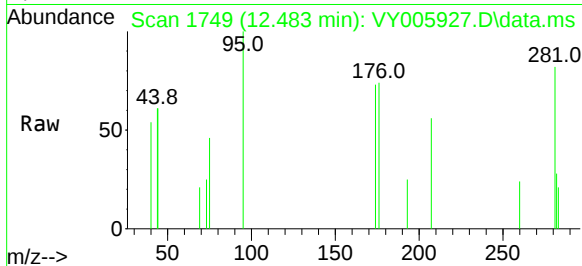




#62
4-Bromofluorobenzene
Concen: 27.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

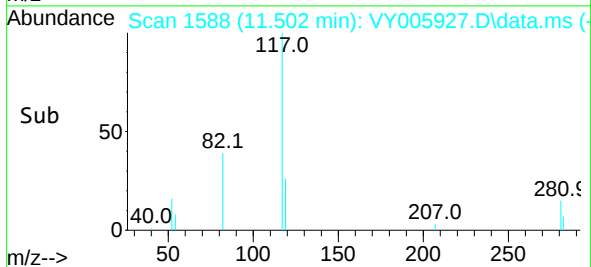
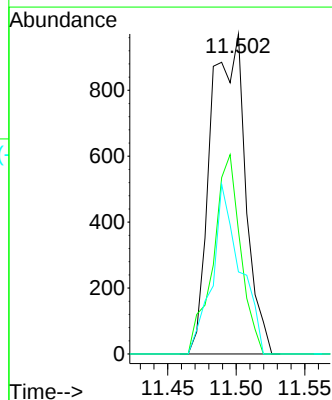
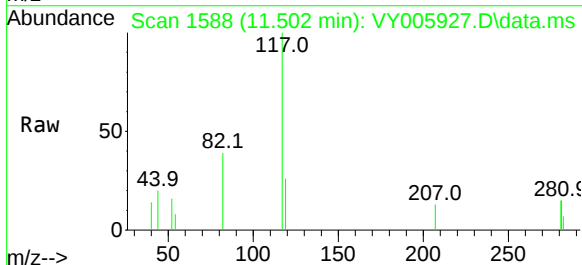
Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042

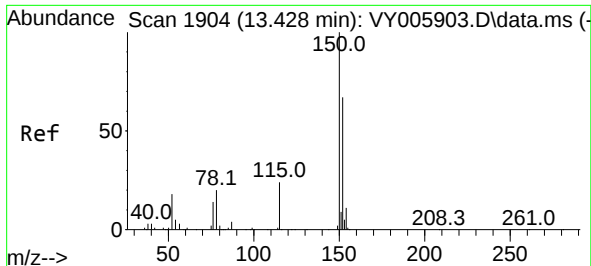
Tgt Ion:	95	Resp:	378
Ion	Ratio	Lower	Upper
95	100		
174	110.6	0.0	192.4
176	109.3	0.0	186.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

Tgt Ion:	117	Resp:	1710
Ion	Ratio	Lower	Upper
117	100		
82	38.5	42.4	63.6
119	25.6	25.4	38.0

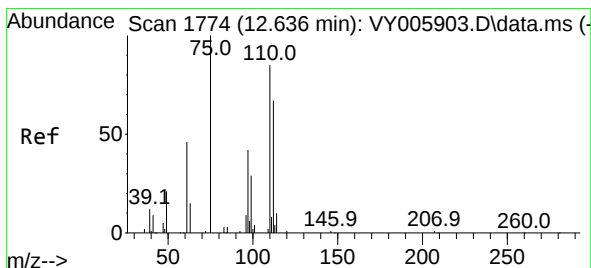
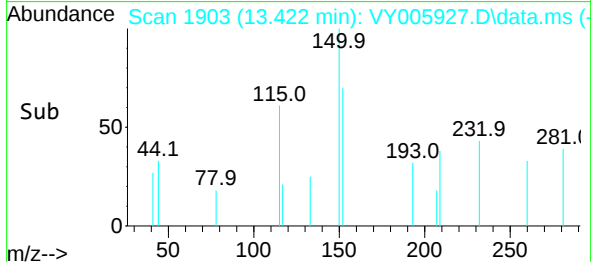
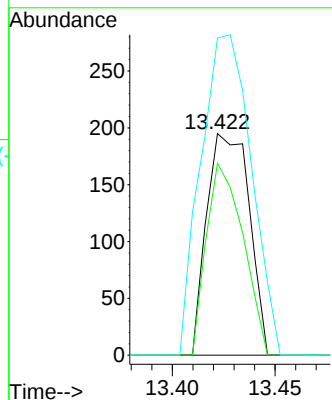
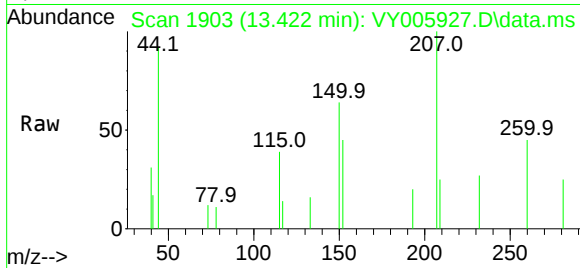




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

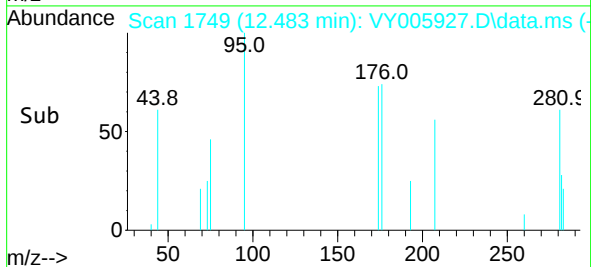
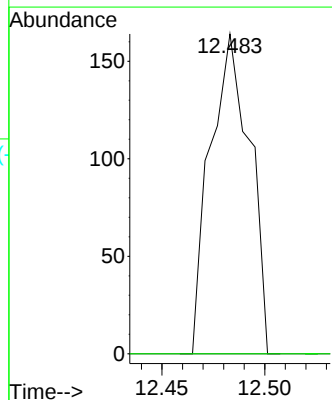
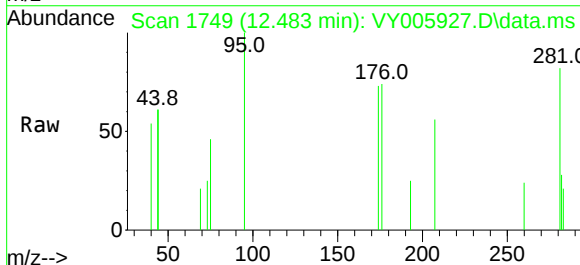
Instrument :
MSVOA_Y
ClientSampleId :
RO-PSC124042

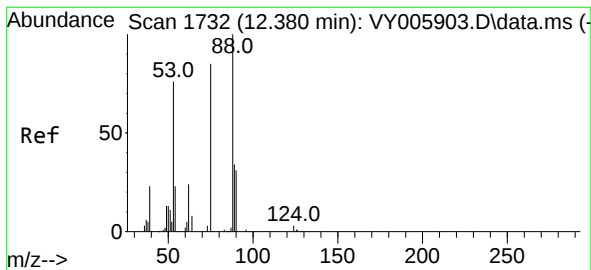
Tgt Ion:152 Resp: 280
Ion Ratio Lower Upper
152 100
115 75.0 26.8 80.4
150 172.1 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 83.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005927.D
Acq: 01 Sep 2021 13:54

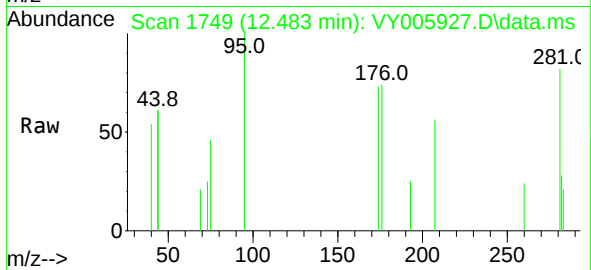
Tgt Ion: 75 Resp: 220
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.65 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005927.D
 Acq: 01 Sep 2021 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-PSC124042



Tgt Ion:	75	Resp:	220
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.8	107.8#
89	0.0	35.8	53.6#

