

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005742.D
 Acq On : 18 Aug 2021 16:08
 Operator : SY/MD
 Sample : M3428-07
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-24.5-25.0

Quant Time: Aug 19 05:18:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

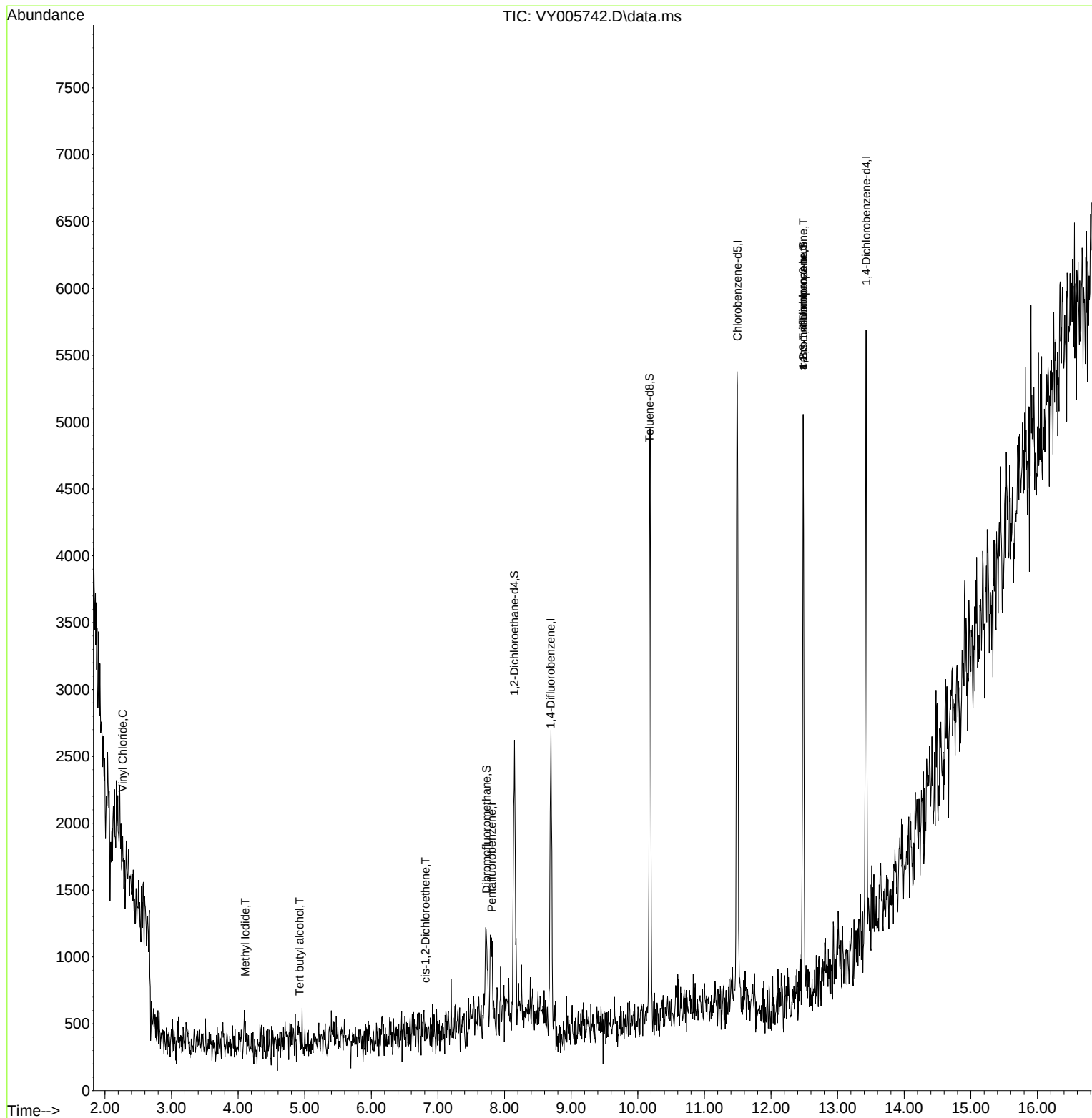
Internal Standards						
1) Pentafluorobenzene	7.807	168	874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1809	204.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	408.940%#
35) Dibromofluoromethane	7.728	113	558	39.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.540%
50) Toluene-d8	10.179	98	3139	53.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.483	95	1253	64.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.600%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.266	62	20	1.947	ug/l	# 42
10) Methyl Iodide	4.107	142	248	26.687	ug/l	# 39
11) Tert butyl alcohol	4.924	59	22	25.155	ug/l	# 73
20) Methylene Chloride	4.710	84	38	Below Cal	#	4
27) cis-1,2-Dichloroethene	6.814	96	25	2.610	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	756	61.824	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	756	124.630	ug/l	# 11

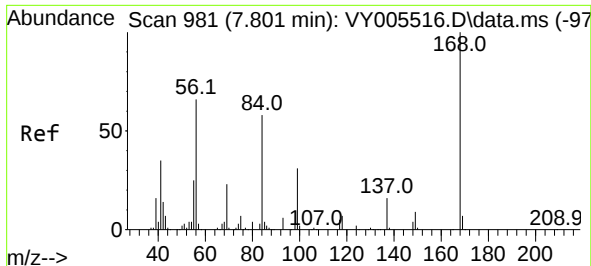
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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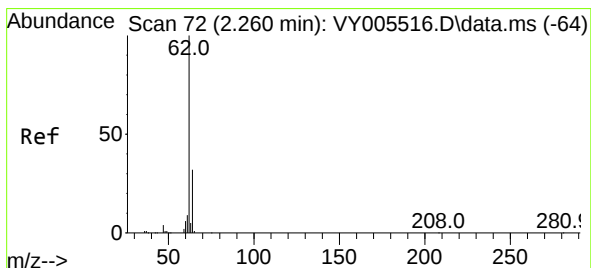
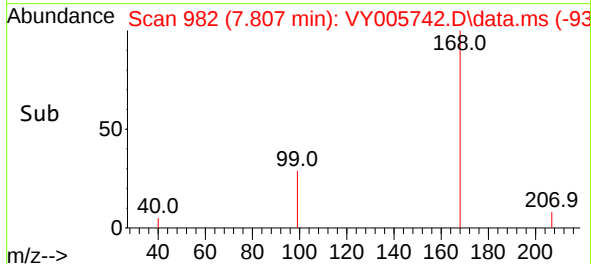
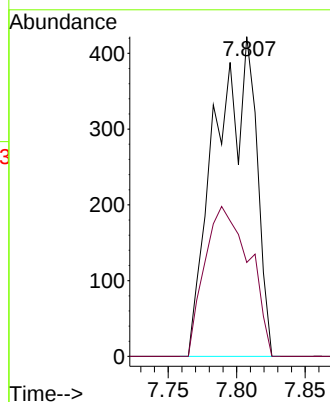
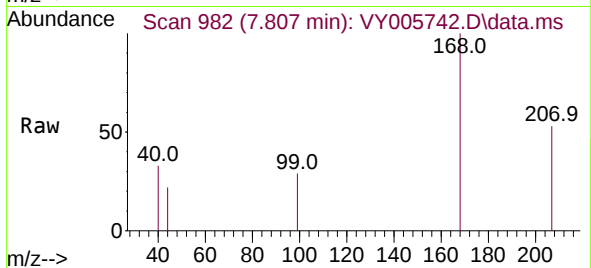




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

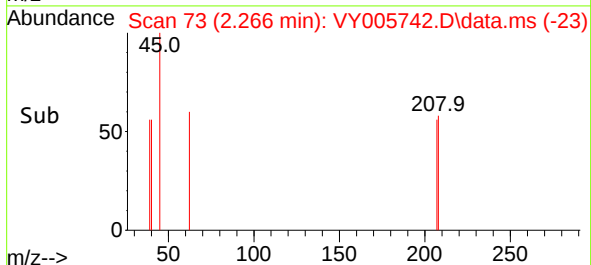
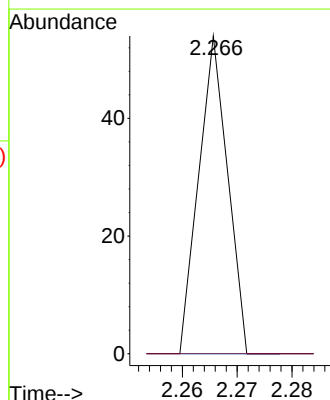
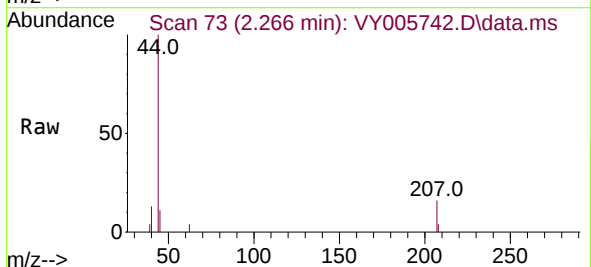
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-24.5-25.0

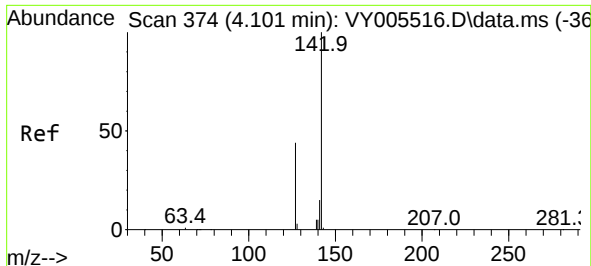
Tgt Ion:168 Resp: 874
Ion Ratio Lower Upper
168 100
99 29.4 38.9 58.3#



#4
Vinyl Chloride
Concen: 1.947 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion: 62 Resp: 20
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

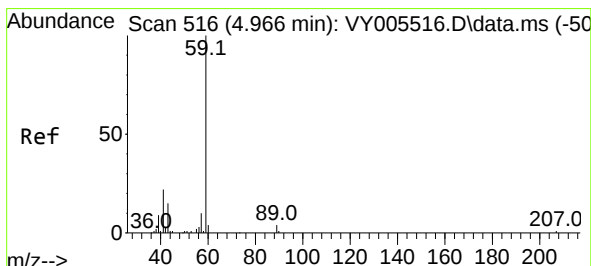
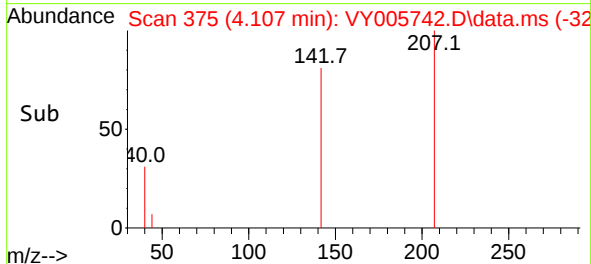
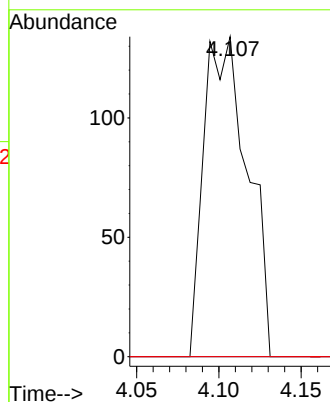
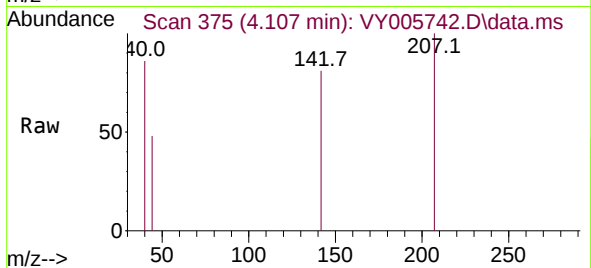




#10
Methyl Iodide
Concen: 26.687 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

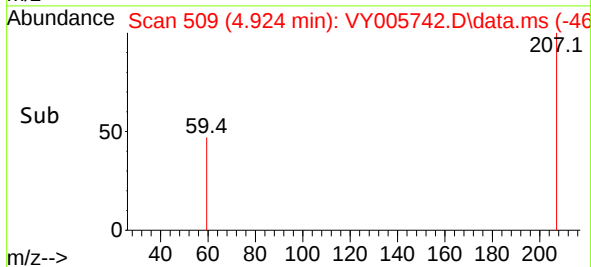
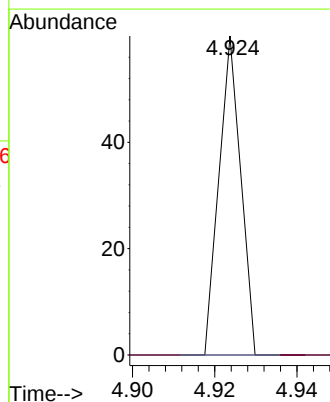
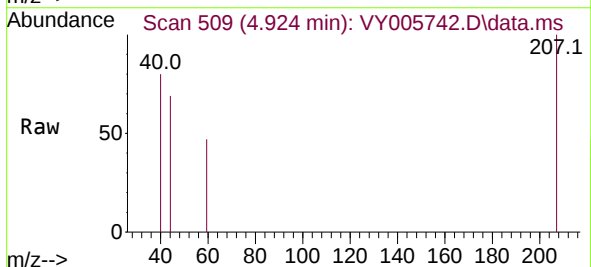
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-24.5-25.0

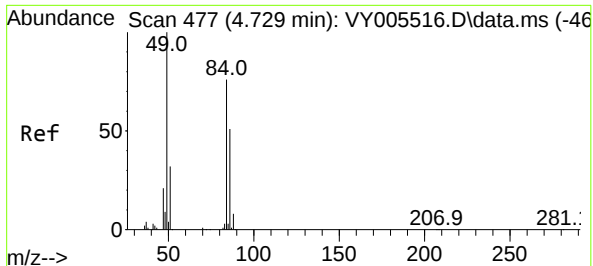
Tgt Ion:142 Resp: 248
Ion Ratio Lower Upper
142 100
127 0.0 36.6 54.8#
141 0.0 12.2 18.4#



#11
Tert butyl alcohol
Concen: 25.155 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.043 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

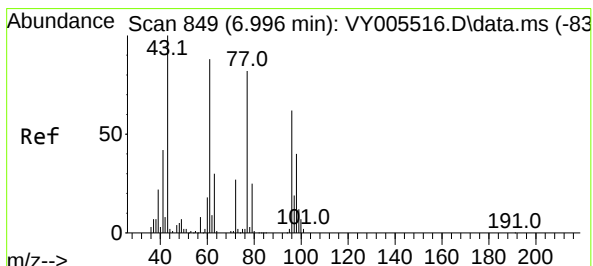
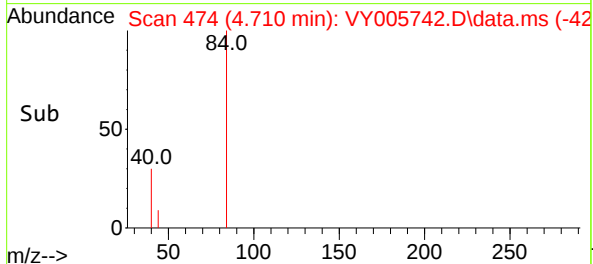
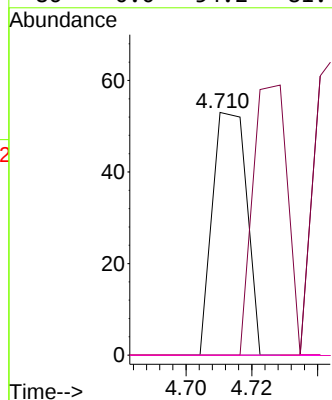
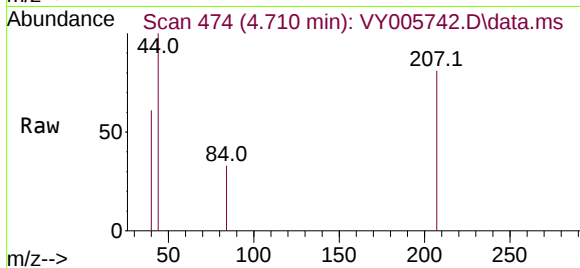




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

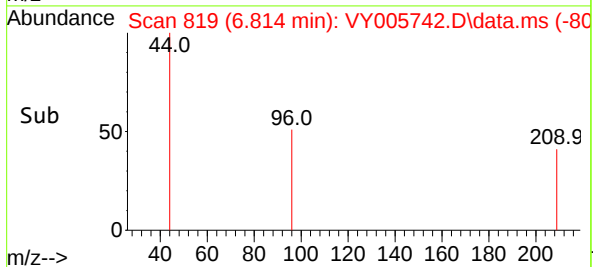
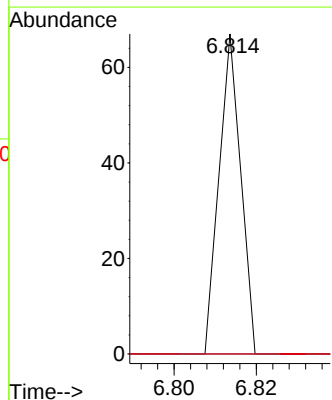
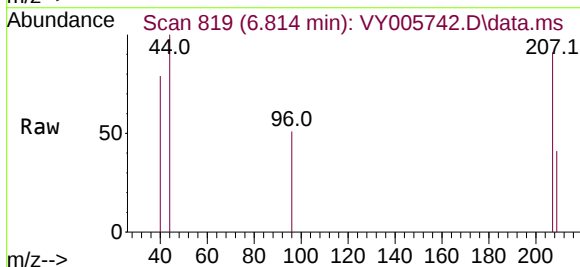
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-24.5-25.0

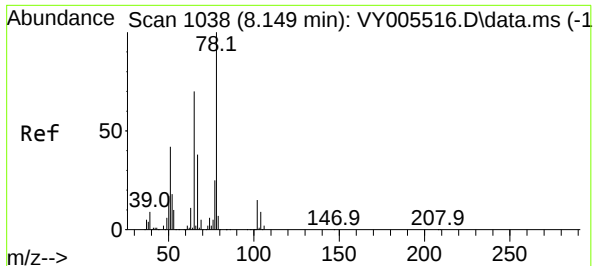
Tgt Ion:	84	Resp:	38
Ion	Ratio	Lower	Upper
84	100		
49	0.0	105.8	158.6#
51	0.0	33.4	50.2#
86	0.0	54.2	81.4#



#27
cis-1,2-Dichloroethene
Concen: 2.610 ug/l
RT: 6.814 min Scan# 819
Delta R.T. -0.183 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion:	96	Resp:	25
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	290.0
98	0.0	0.0	128.0

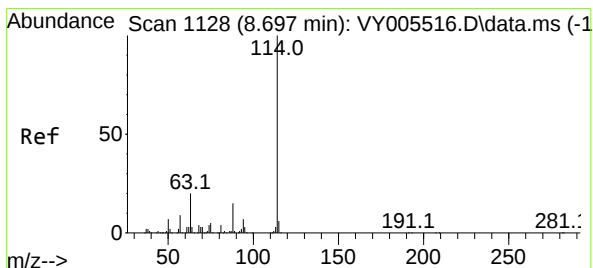
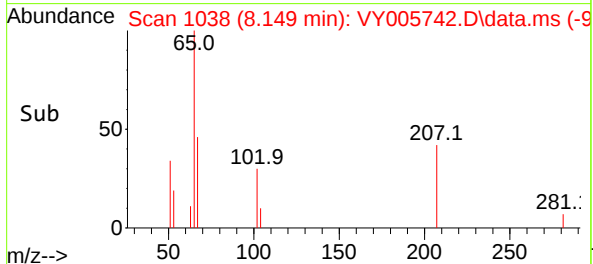
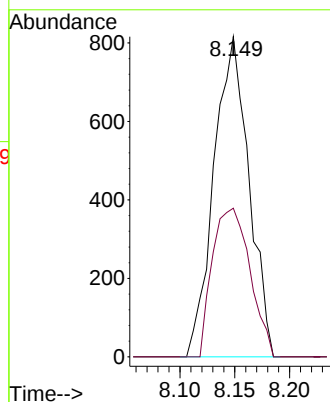
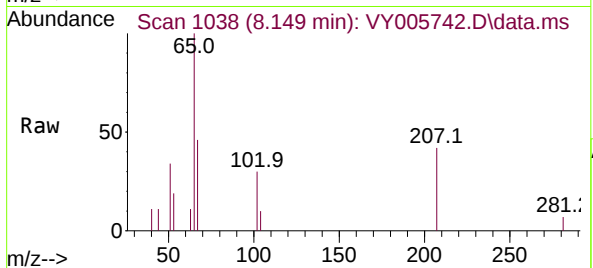




#33
 1,2-Dichloroethane-d4
 Concen: 204.475 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005742.D
 Acq: 18 Aug 2021 16:08

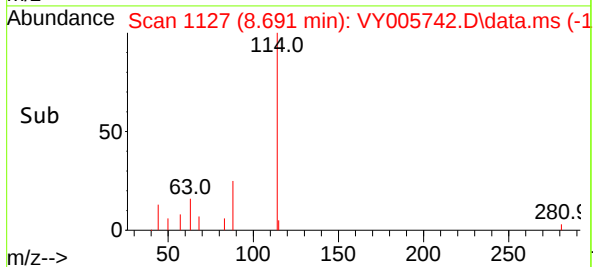
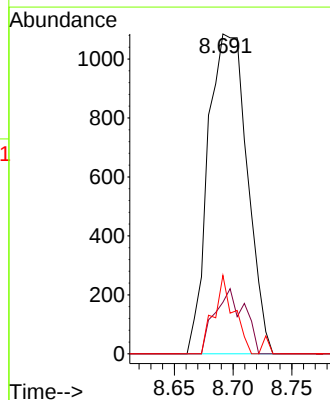
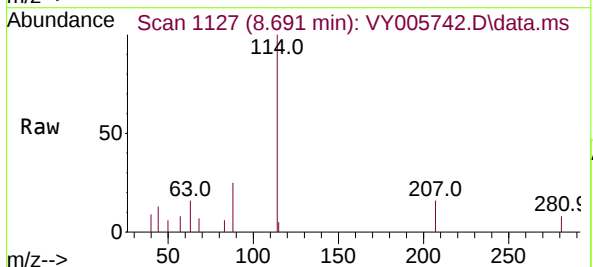
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-03-24.5-25.0

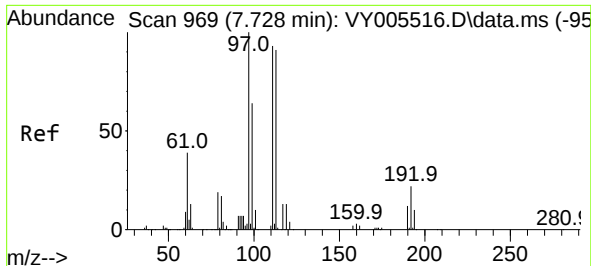
Tgt Ion: 65 Resp: 1809
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY005742.D
 Acq: 18 Aug 2021 16:08

Tgt Ion: 114 Resp: 2506
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 39.2
 88 24.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 39.771 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY005742.D

Acq: 18 Aug 2021 16:08

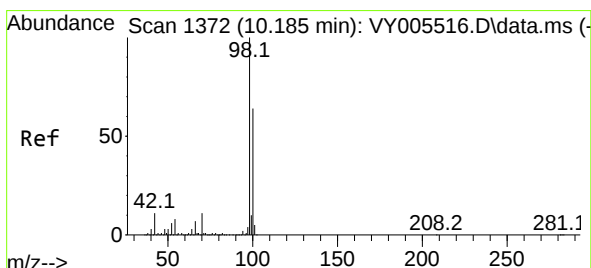
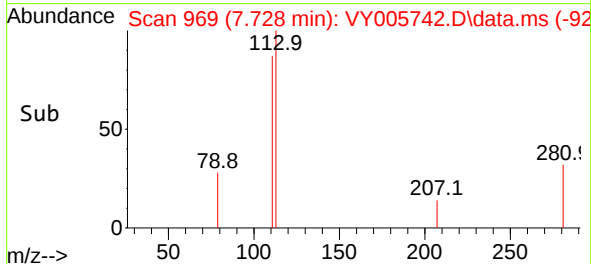
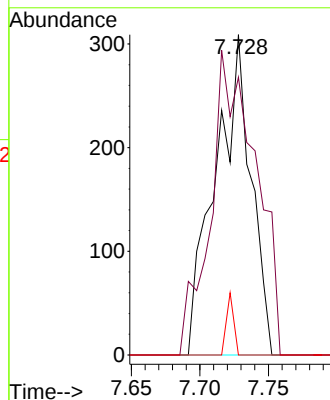
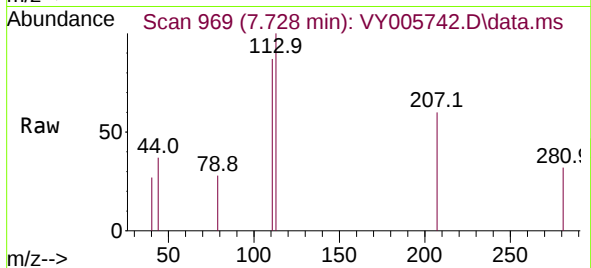
Instrument :

MSVOA_Y

ClientSampleId :

SB-03-24.5-25.0

Tgt Ion:	113	Resp:	558
Ion	Ratio	Lower	Upper
113	100		
111	120.3	81.9	122.9
192	3.9	19.2	28.8#



#50

Toluene-d8

Concen: 53.345 ug/l

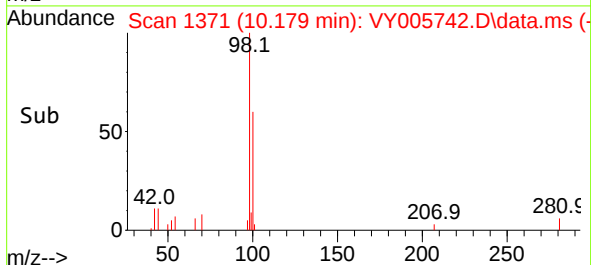
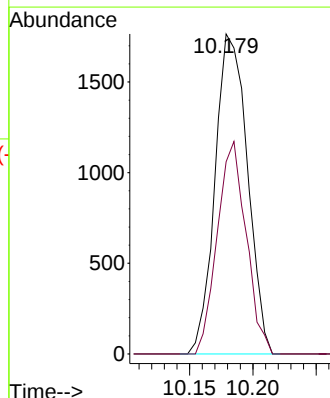
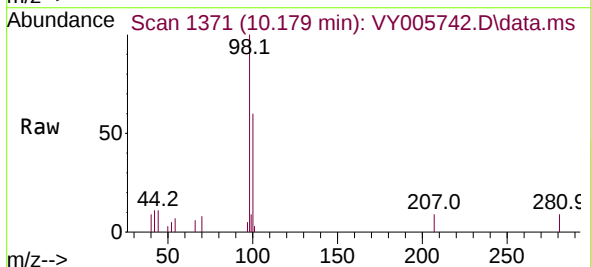
RT: 10.179 min Scan# 1371

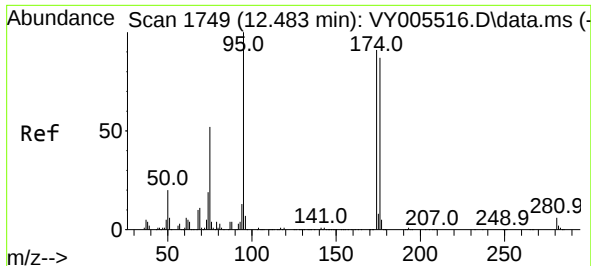
Delta R.T. -0.006 min

Lab File: VY005742.D

Acq: 18 Aug 2021 16:08

Tgt Ion:	98	Resp:	3139
Ion	Ratio	Lower	Upper
98	100		
100	59.3	51.3	76.9

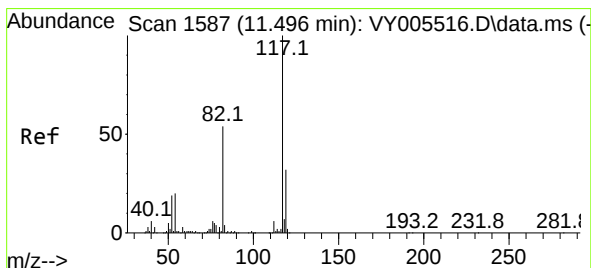
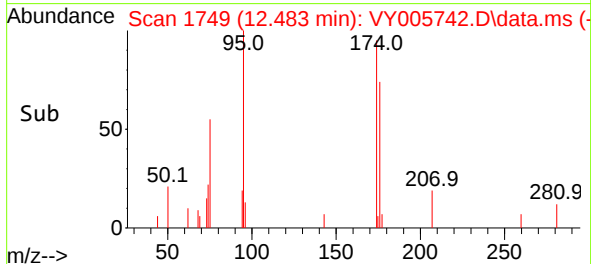
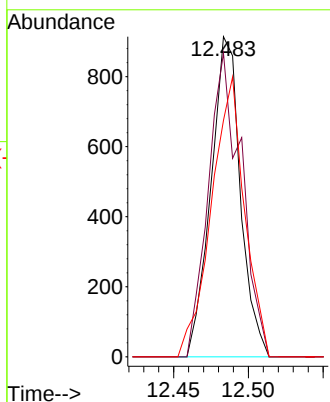
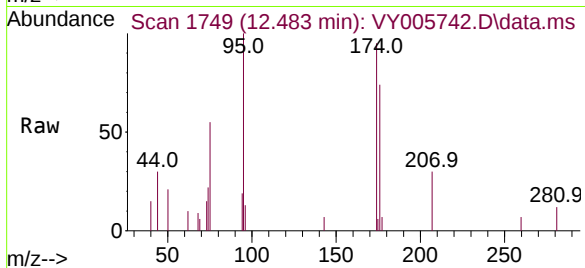




#62
4-Bromofluorobenzene
Concen: 64.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

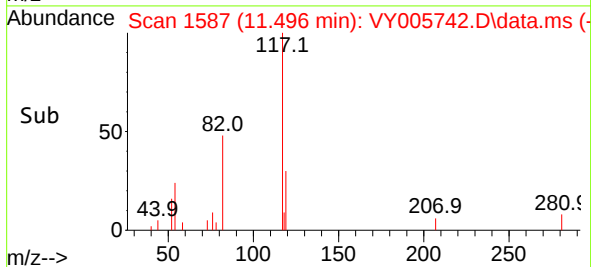
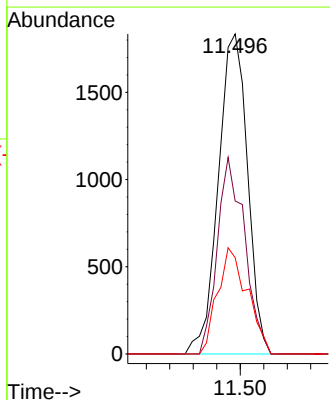
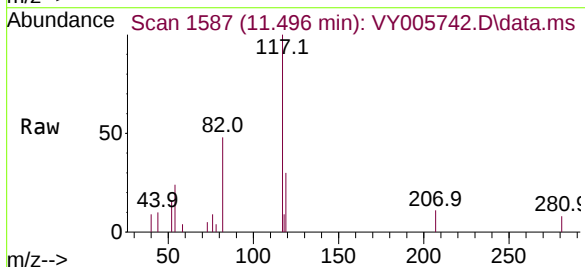
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-24.5-25.0

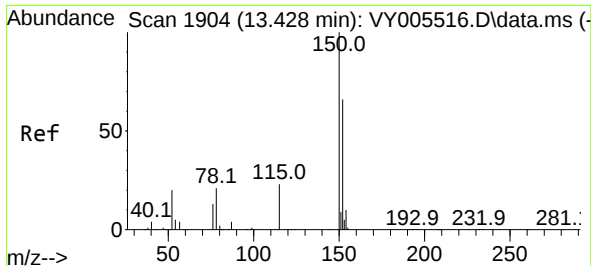
Tgt Ion:	95	Resp:	1253
Ion	Ratio	Lower	Upper
95	100		
174	106.5	0.0	191.4
176	98.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005742.D
Acq: 18 Aug 2021 16:08

Tgt Ion:	117	Resp:	3170
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.5	65.3
119	30.1	25.5	38.3

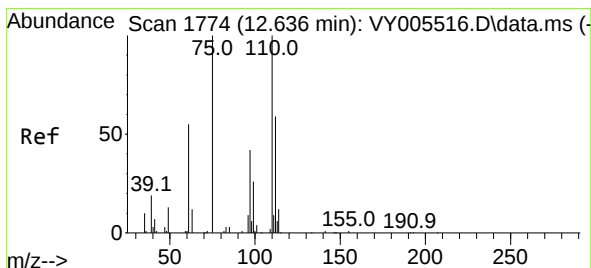
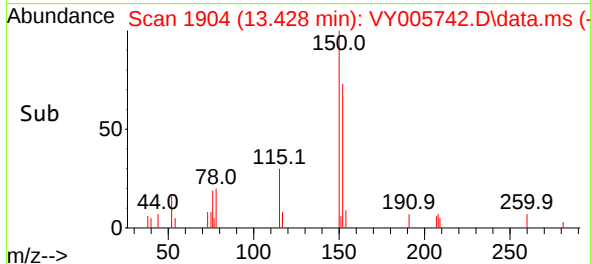
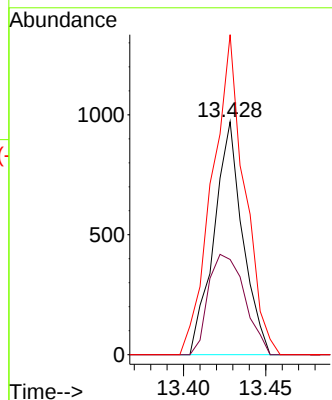
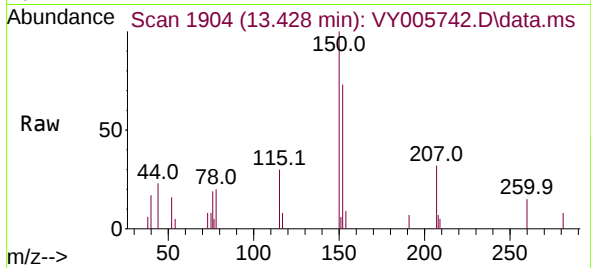




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005742.D
 Acq: 18 Aug 2021 16:08

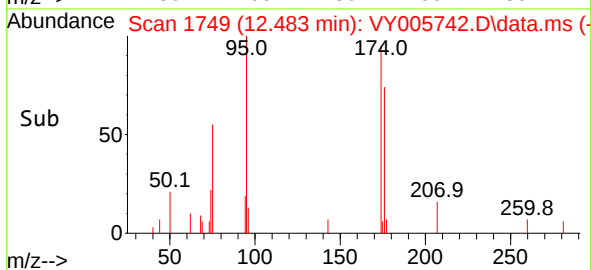
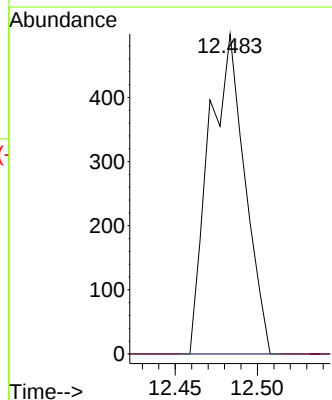
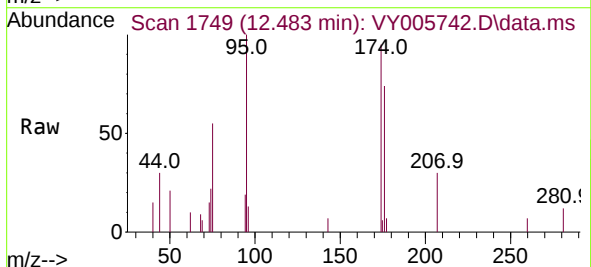
Instrument :
 MSVOA_Y
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 SB-03-24.5-25.0

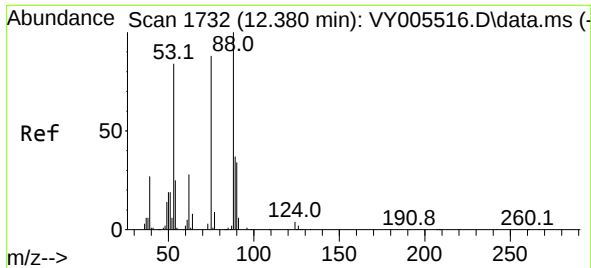
Tgt Ion:152 Resp: 1180
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 154.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 61.824 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005742.D
 Acq: 18 Aug 2021 16:08

Tgt Ion: 75 Resp: 756
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.630 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005742.D
 Acq: 18 Aug 2021 16:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-24.5-25.0

Tgt Ion: 75 Resp: 756
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

