

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007826.D
 Acq On : 10 Mar 2022 15:35
 Operator : SY/MD
 Sample : N1806-11RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-27RE

Quant Time: Mar 10 23:57:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

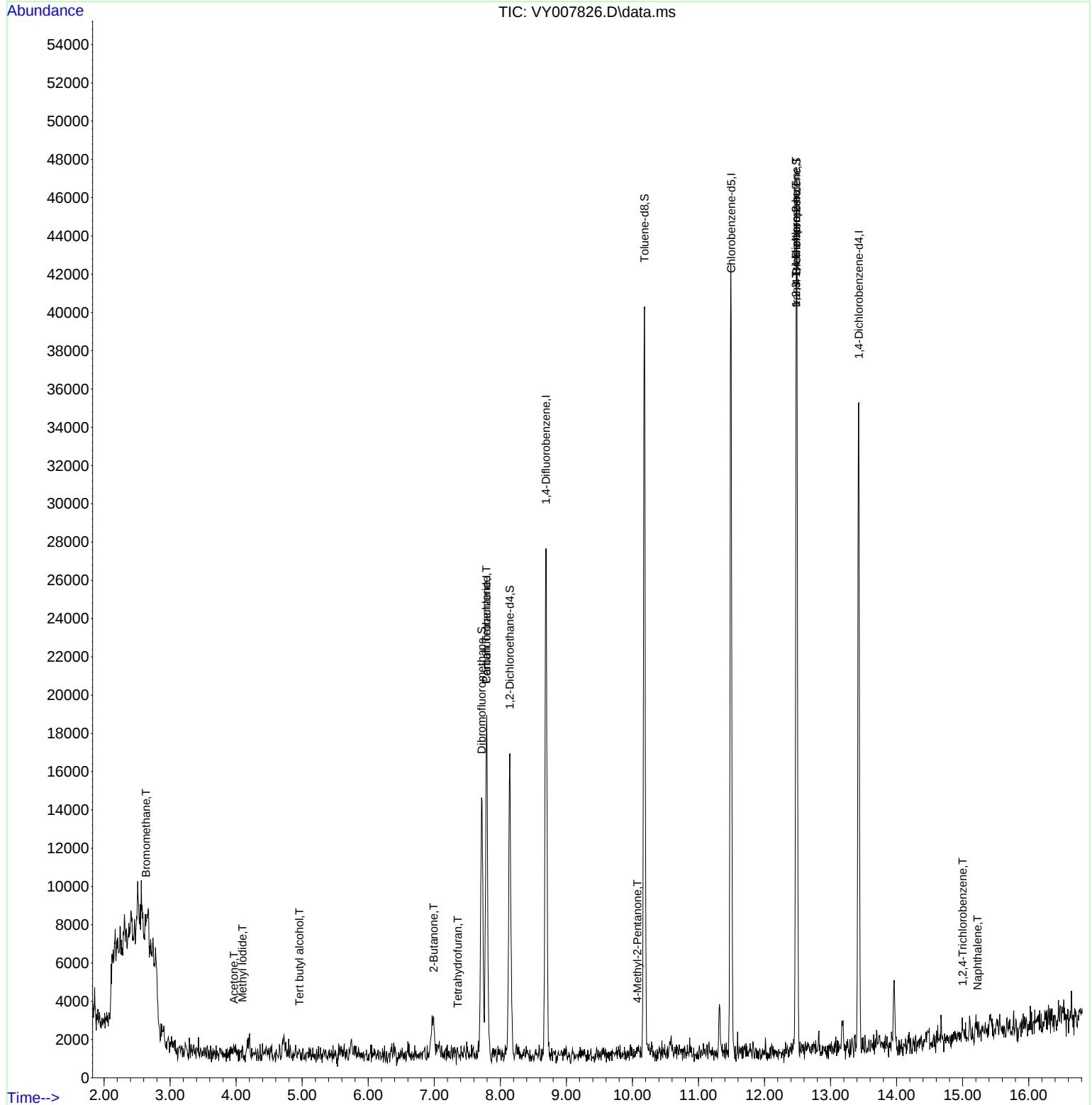
Internal Standards						
1) Pentafluorobenzene	7.789	168	13152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	21563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	22136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11131	80.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.680%	
35) Dibromofluoromethane	7.716	113	8812	63.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.840%	
50) Toluene-d8	10.185	98	25828	50.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.483	95	7715	47.164	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	424	Below Cal	#	83
5) Bromomethane	2.637	94	283	1.775	ug/l #	4
10) Methyl Iodide	4.094	142	226	1.350	ug/l #	35
11) Tert butyl alcohol	4.960	59	102	8.556	ug/l #	77
13) Acrolein	3.930	56	25	Below Cal	#	14
16) Acetone	3.966	43	567	20.243	ug/l #	47
18) Methyl Acetate	4.466	43	63	Below Cal	#	56
20) Methylene Chloride	4.722	84	442	Below Cal	#	46
25) 2-Butanone	6.990	43	216	4.597	ug/l #	54
29) Tetrahydrofuran	7.356	42	84	2.613	ug/l #	38
31) Cyclohexane	7.783	56	157	Below Cal	#	17
38) Carbon Tetrachloride	7.789	117	1540	6.657	ug/l #	11
51) 4-Methyl-2-Pentanone	10.075	43	258	2.177	ug/l #	87
76) 1,2,3-Trichloropropane	12.477	75	4990	54.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4990	110.792	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.001	180	216	1.305	ug/l #	85
95) Naphthalene	15.227	128	350	1.040	ug/l #	69

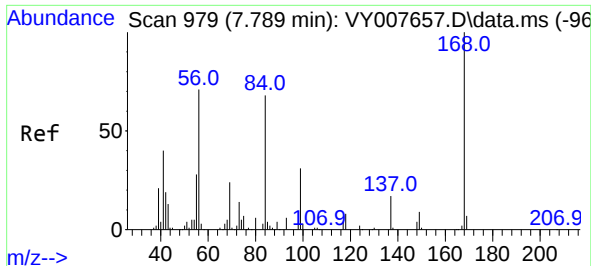
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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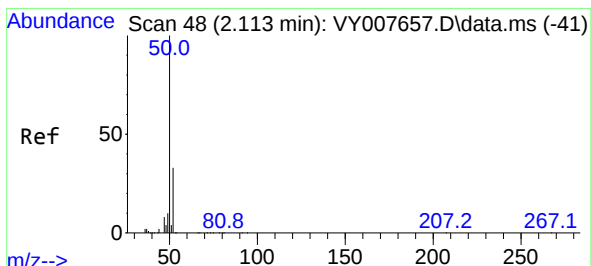
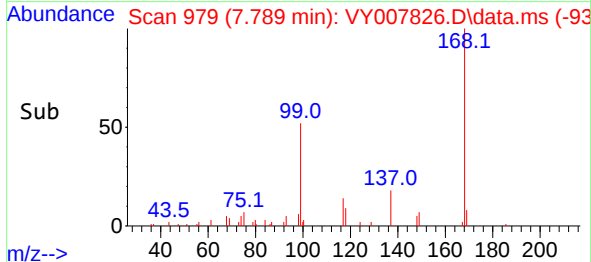
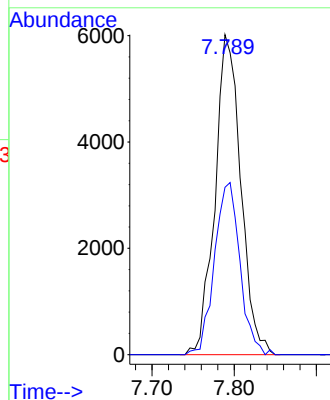
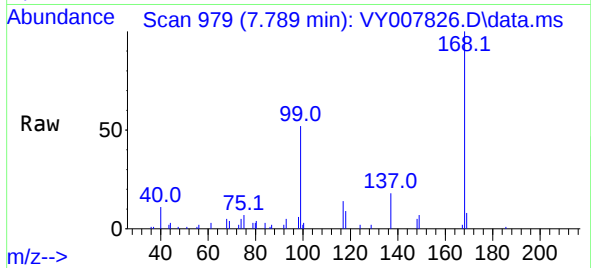




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

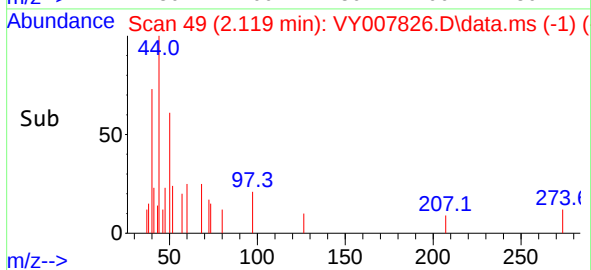
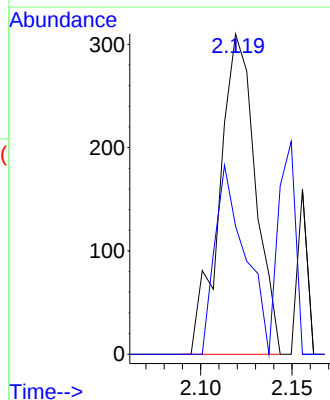
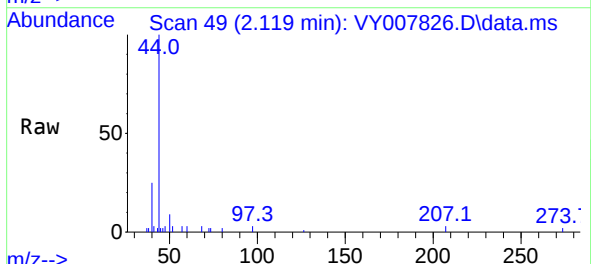
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

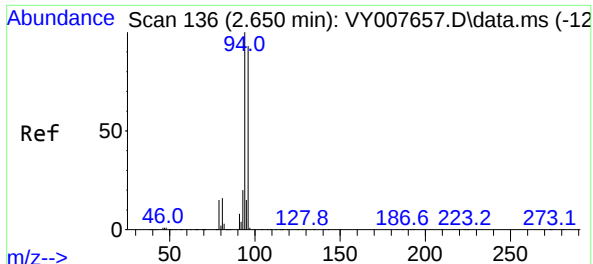
Tgt Ion:168 Resp: 13152
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 40.0 24.6 37.0#

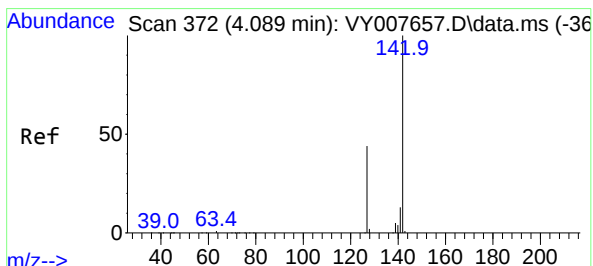
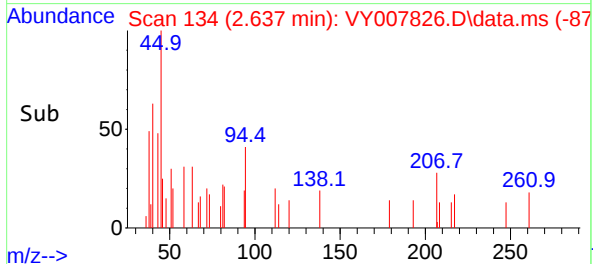
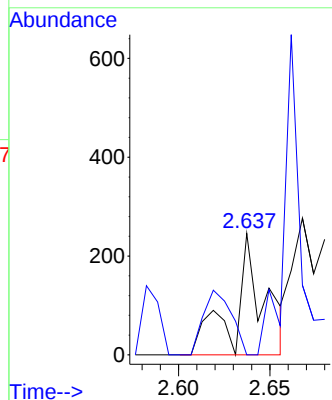
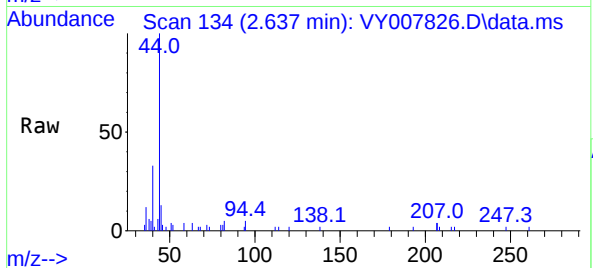




#5
Bromomethane
Concen: 1.775 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

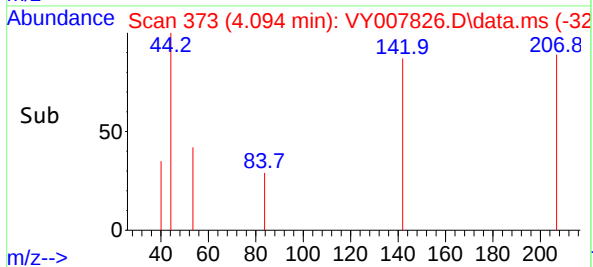
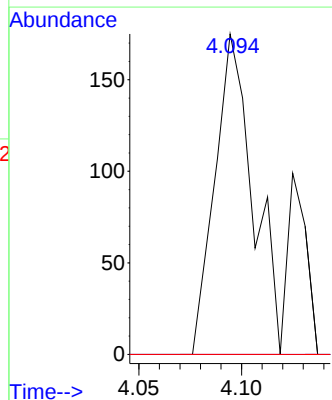
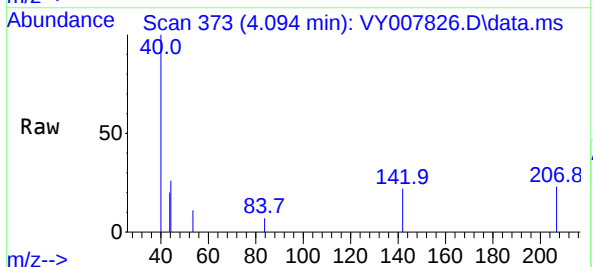
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

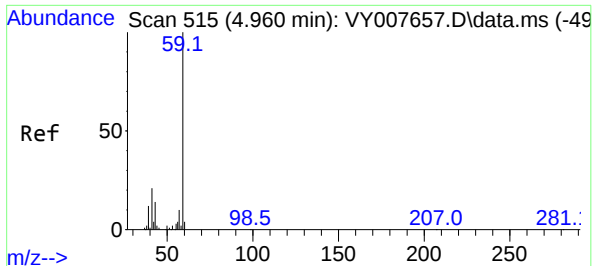
Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#10
Methyl Iodide
Concen: 1.350 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.005 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion:142 Resp: 226
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

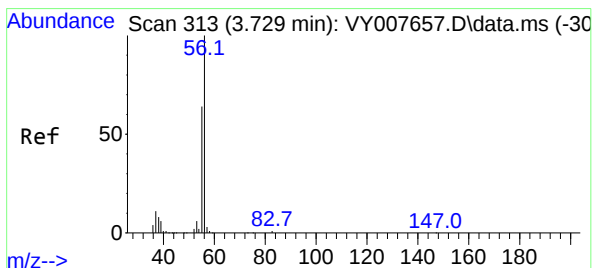
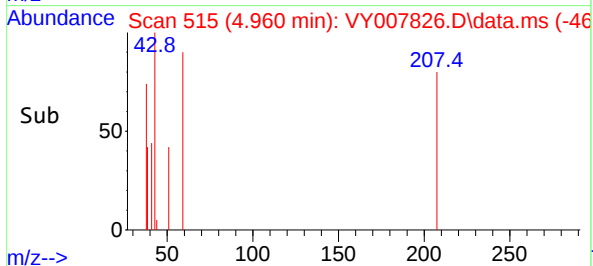
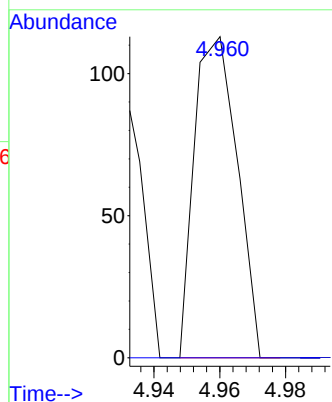
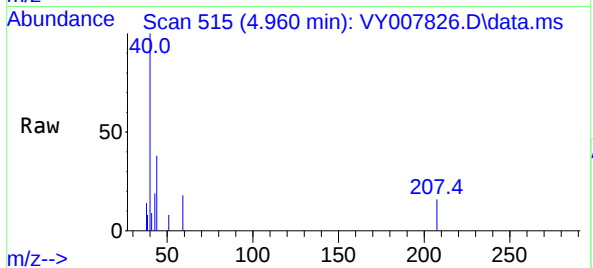




#11
Tert butyl alcohol
Concen: 8.556 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

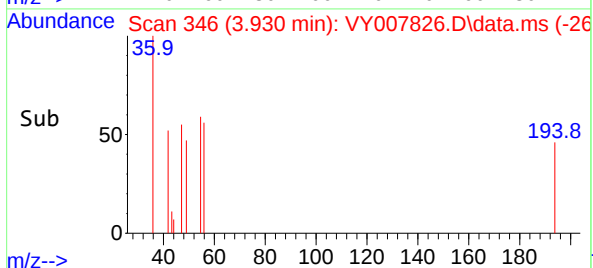
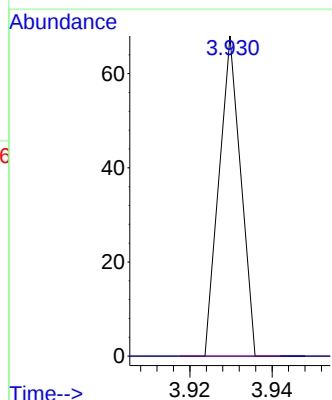
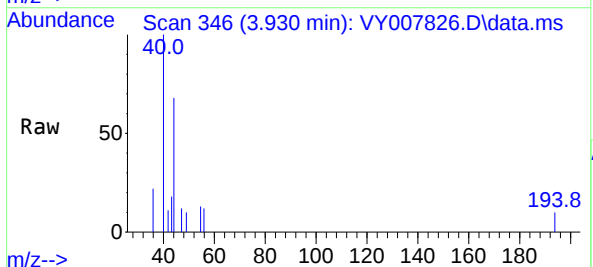
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

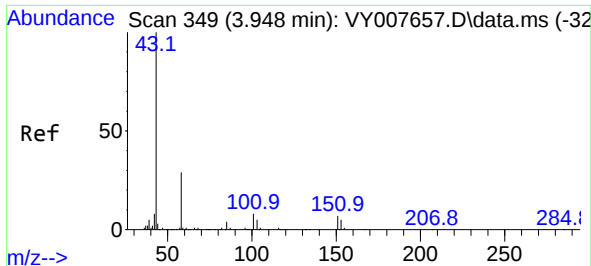
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.930 min Scan# 346
Delta R.T. 0.201 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

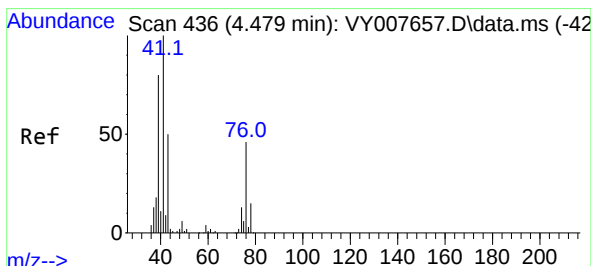
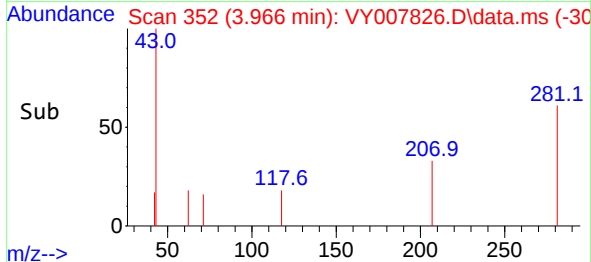
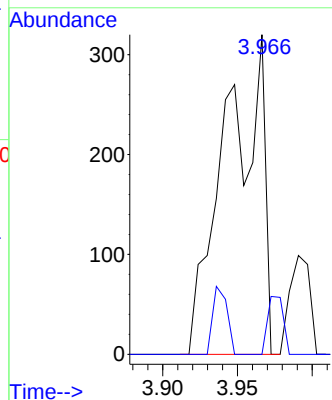
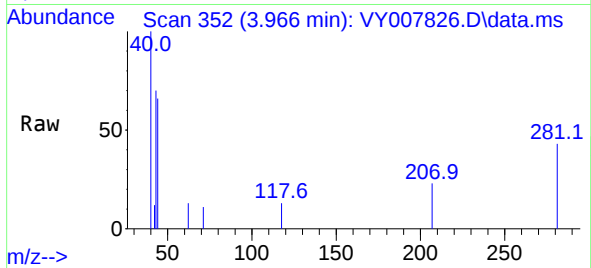




#16
Acetone
Concen: 20.243 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

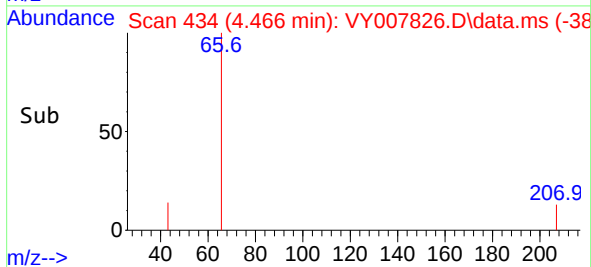
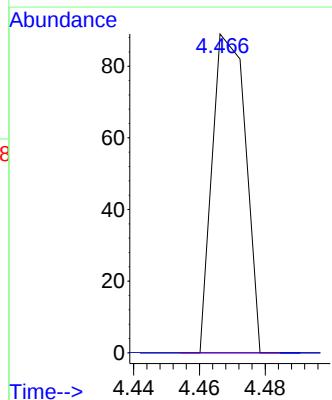
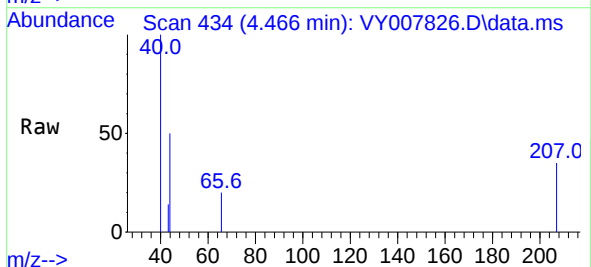
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

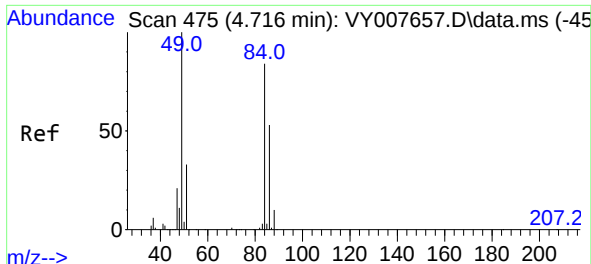
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



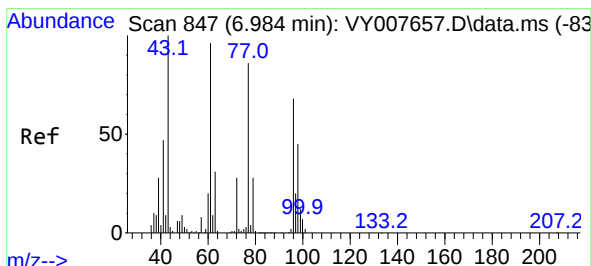
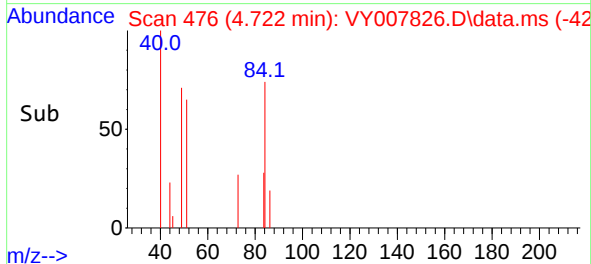
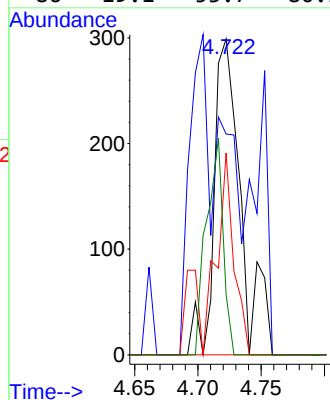
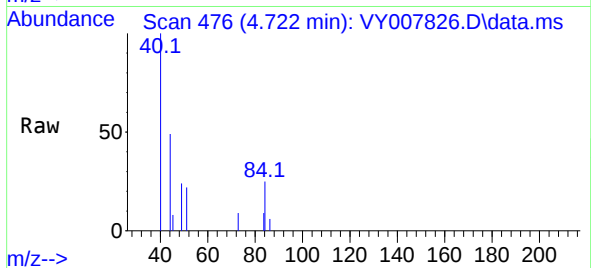


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

Tgt Ion: 84 Resp: 442

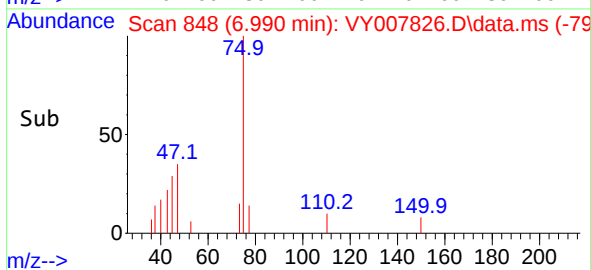
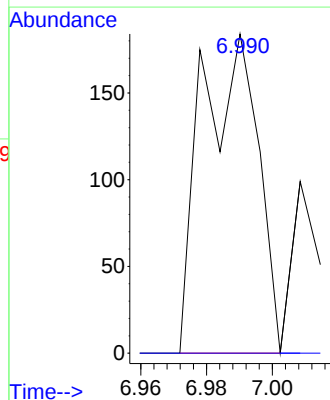
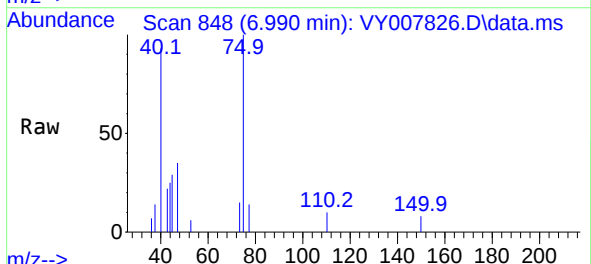
Ion	Ratio	Lower	Upper
84	100		
49	69.9	114.4	171.6#
51	63.9	35.3	52.9#
86	19.1	53.7	80.5#

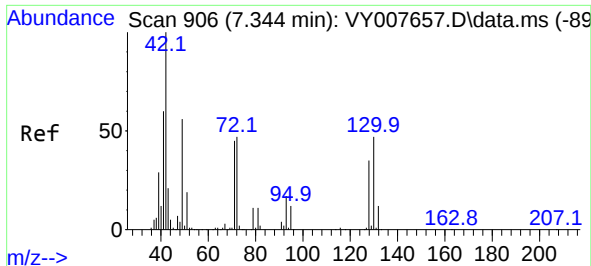


#25
2-Butanone
Concen: 4.597 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 43 Resp: 216

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

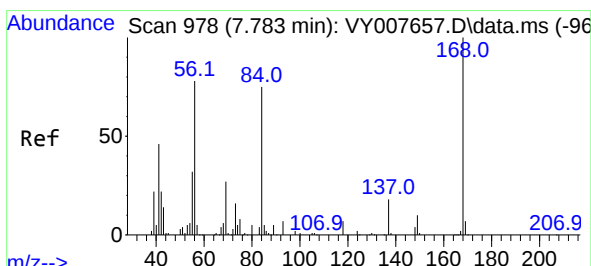
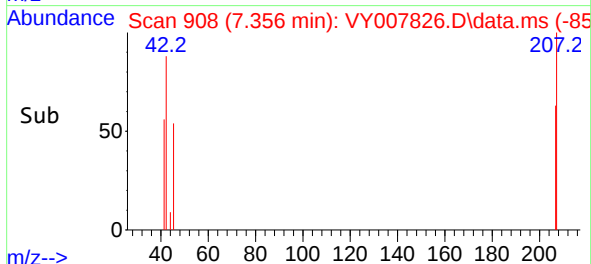
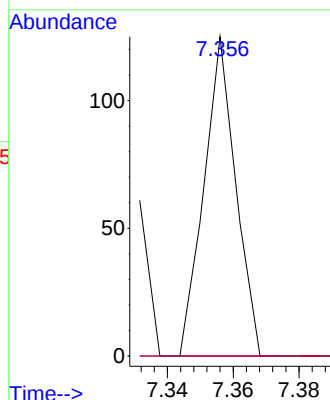
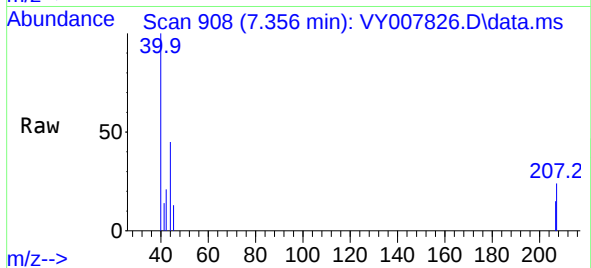




#29
Tetrahydrofuran
Concen: 2.613 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

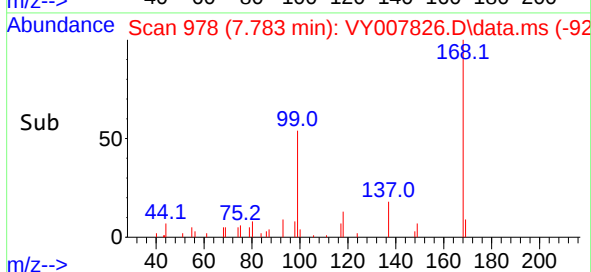
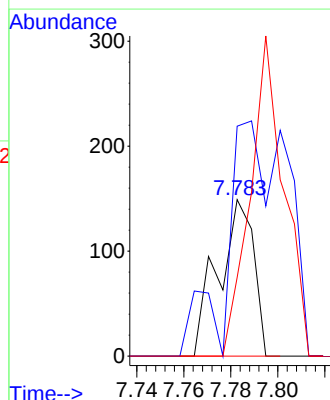
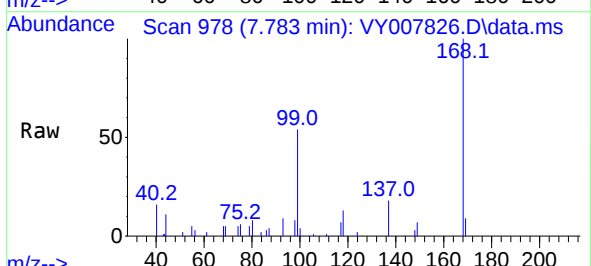
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

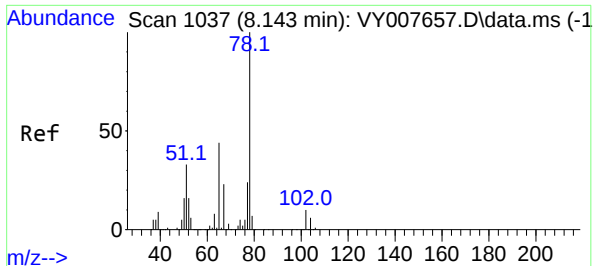
Tgt Ion:	42	Resp:	84
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion:	56	Resp:	157
Ion	Ratio	Lower	Upper
56	100		
69	147.0	26.7	40.1#
84	50.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 80.841 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY007826.D

Acq: 10 Mar 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

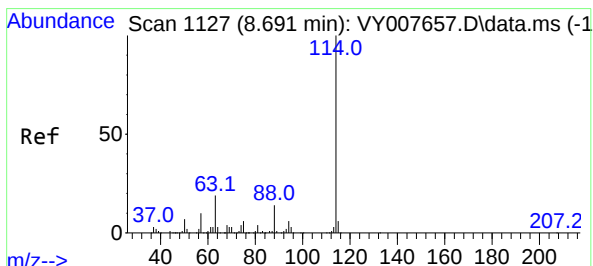
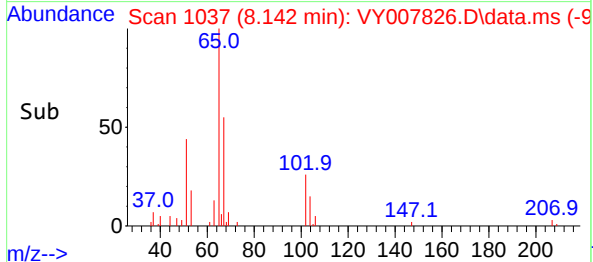
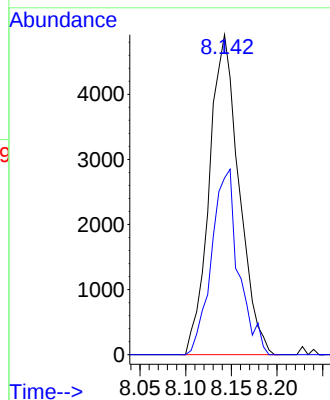
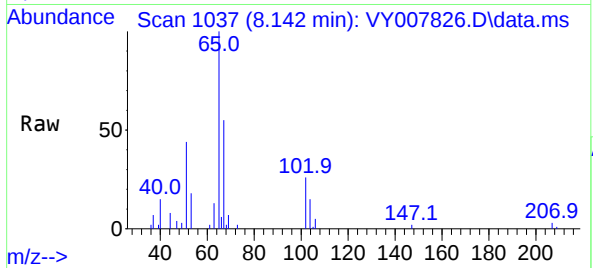
DUM-27RE

Tgt Ion: 65 Resp: 11131

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007826.D

Acq: 10 Mar 2022 15:35

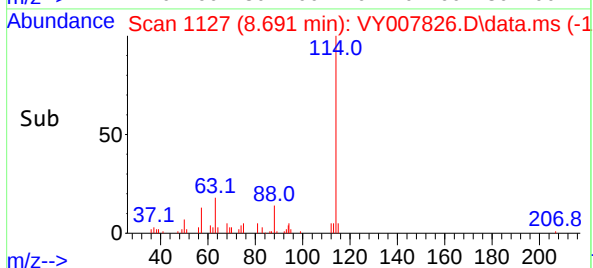
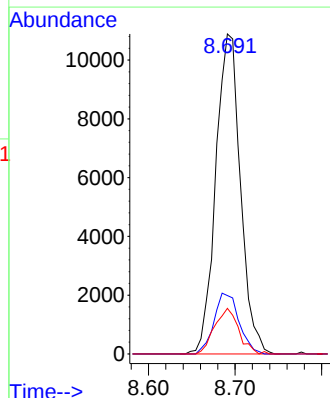
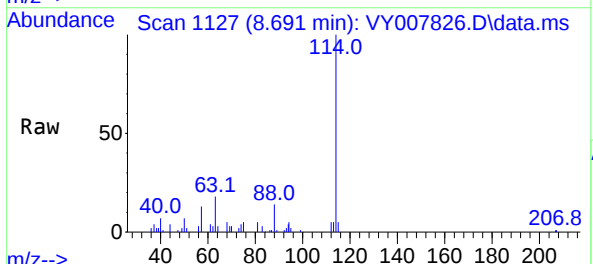
Tgt Ion: 114 Resp: 21563

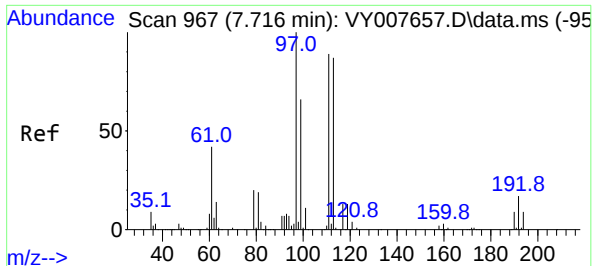
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.2 0.0 31.8

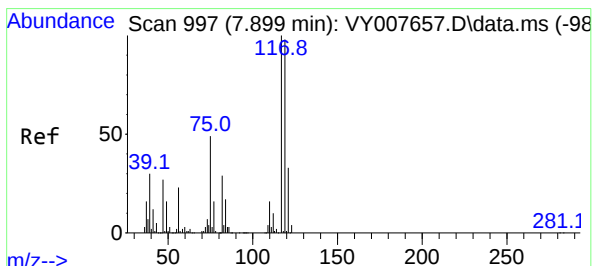
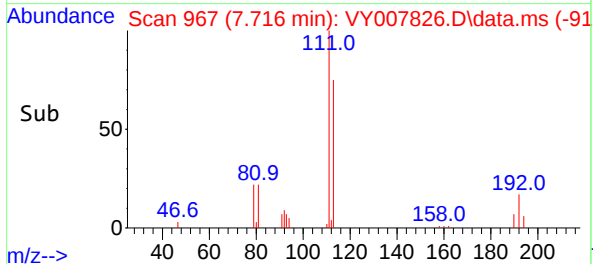
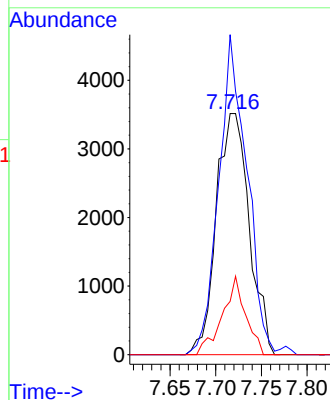
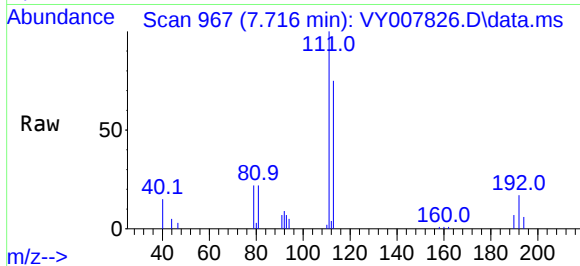




#35
Dibromofluoromethane
Concen: 63.920 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

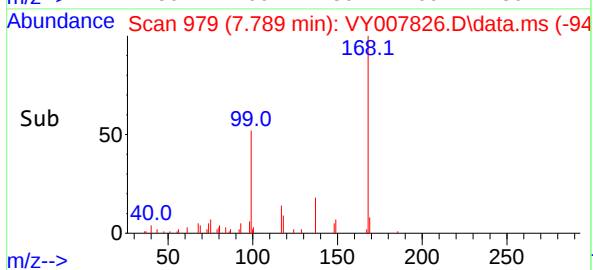
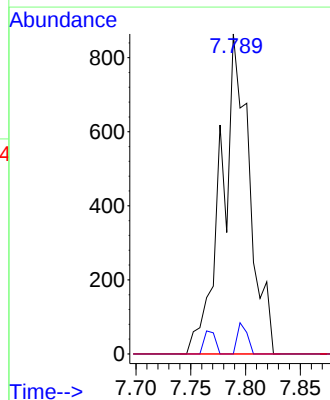
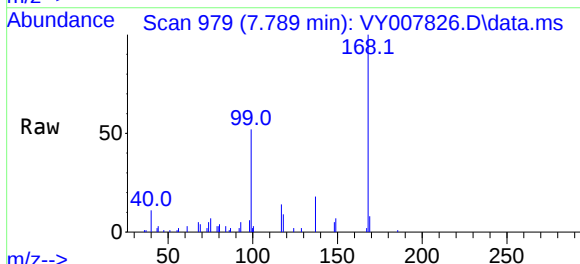
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

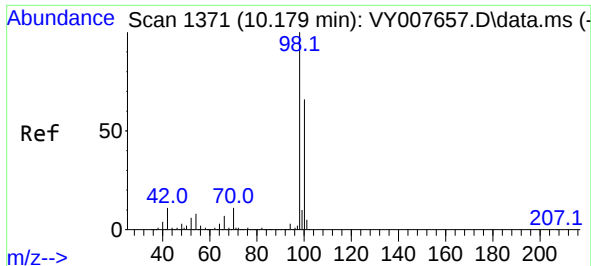
Tgt Ion:	113	Resp:	8812
Ion	Ratio	Lower	Upper
113	100		
111	113.4	82.6	124.0
192	22.9	17.6	26.4



#38
Carbon Tetrachloride
Concen: 6.657 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion:	117	Resp:	1540
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.9	116.9#
121	0.0	24.8	37.2#

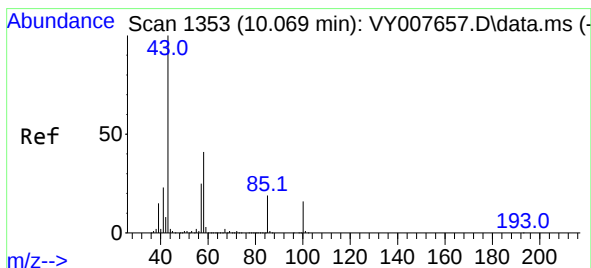
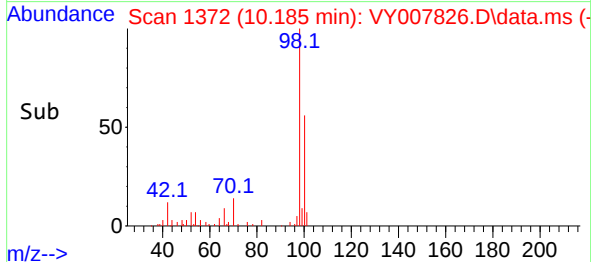
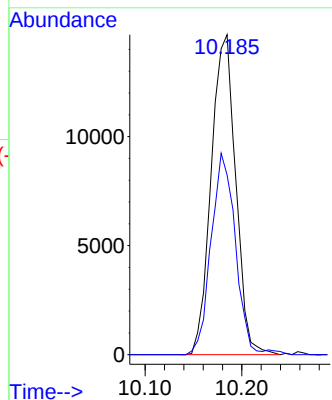
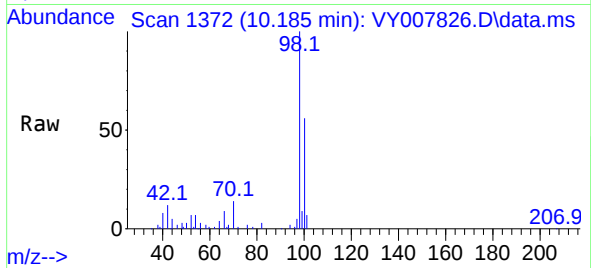




#50
Toluene-d8
Concen: 50.896 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

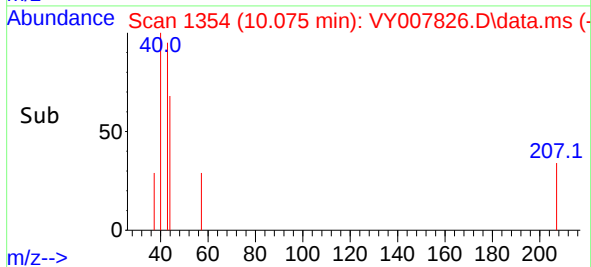
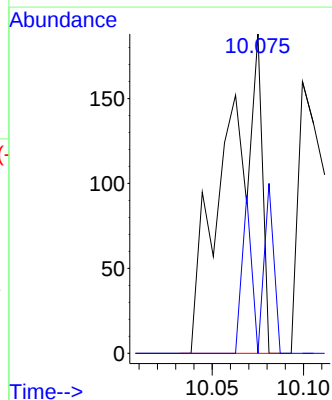
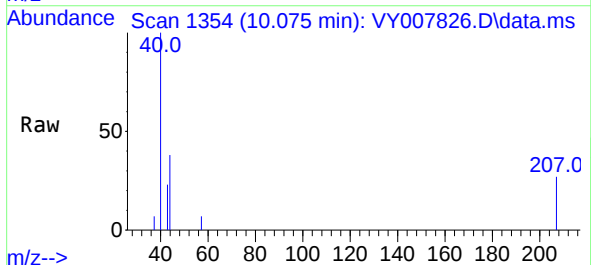
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

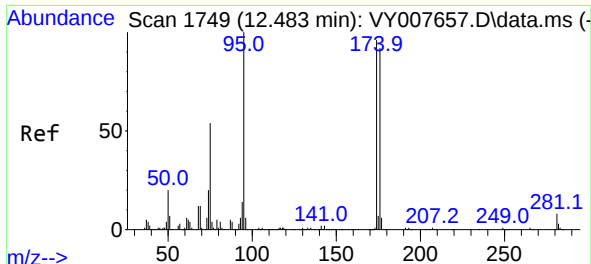
Tgt Ion: 98 Resp: 25828
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 2.177 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
58 27.5 28.1 42.1#

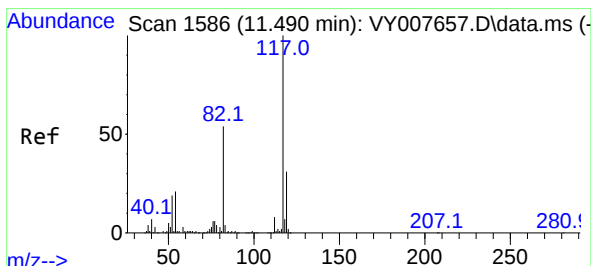
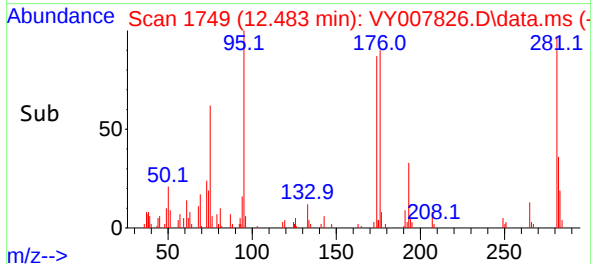
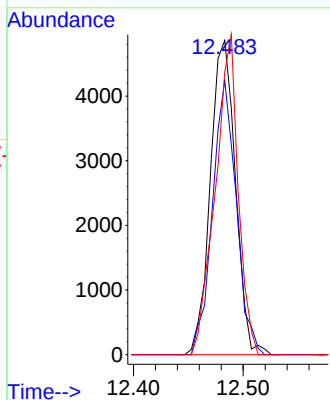
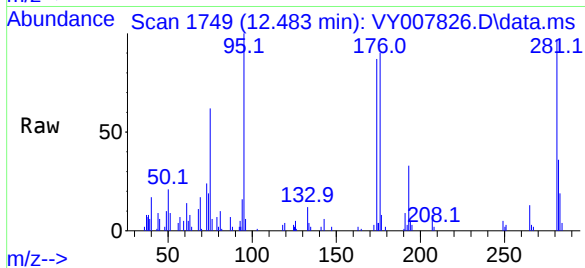




#62
4-Bromofluorobenzene
Concen: 47.164 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

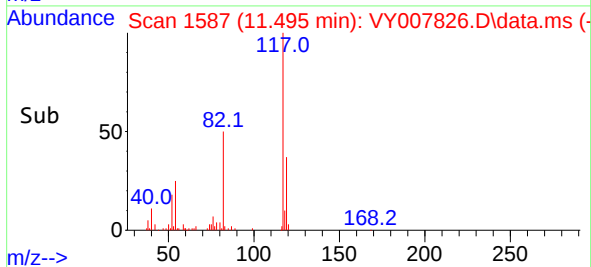
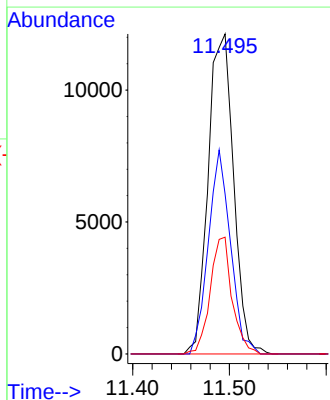
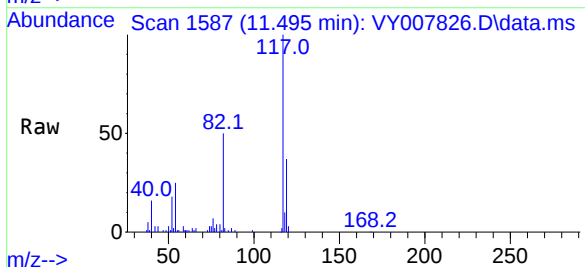
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

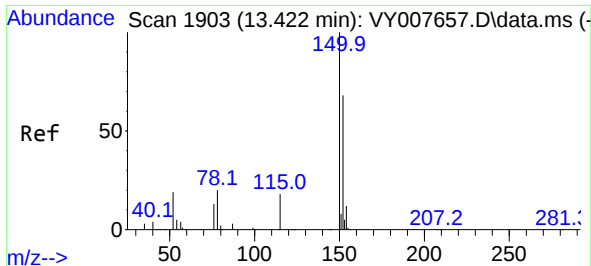
Tgt Ion: 95 Resp: 7715
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 93.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 117 Resp: 22136
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 36.5 25.4 38.0

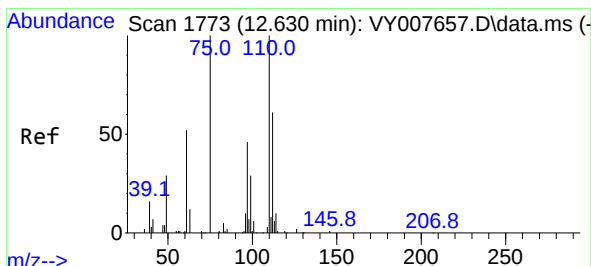
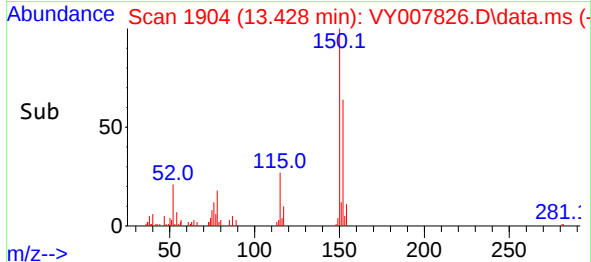
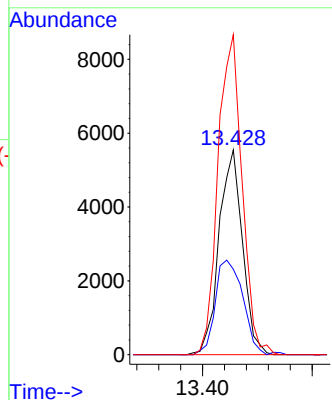
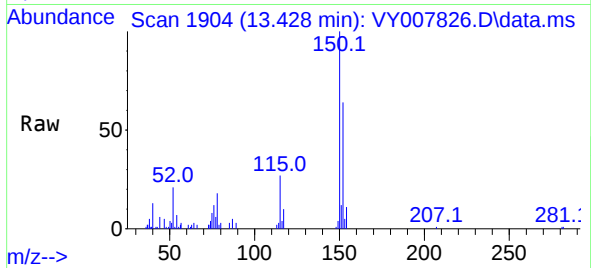




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

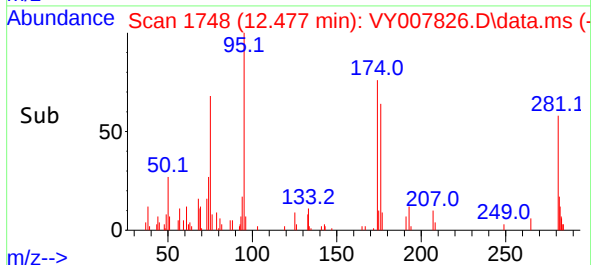
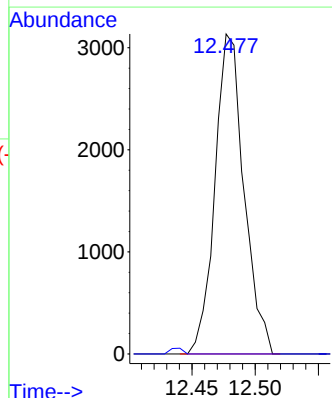
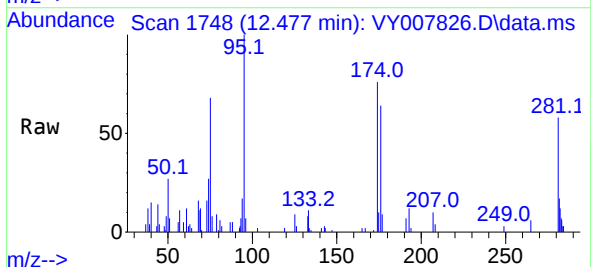
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

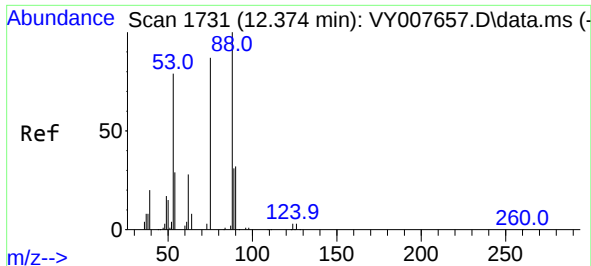
Tgt Ion:152 Resp: 8245
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 160.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 54.194 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion: 75 Resp: 4990
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

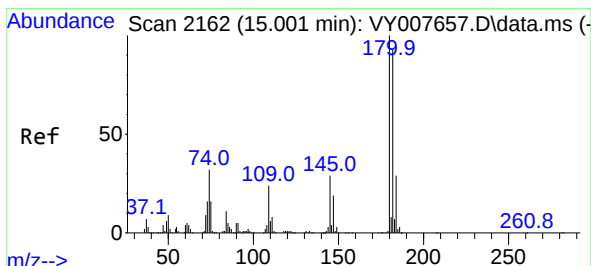
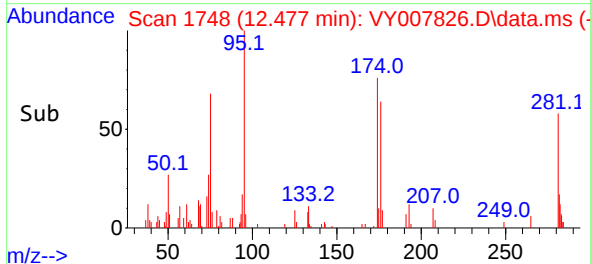
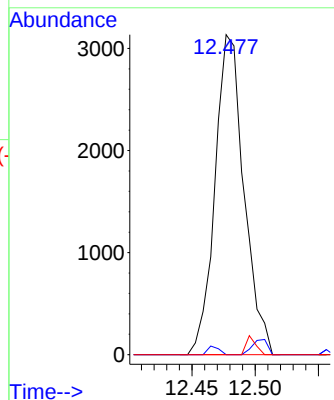
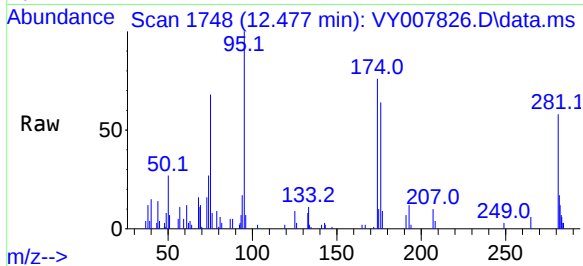




#81
trans-1,4-Dichloro-2-butene
Concen: 110.792 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

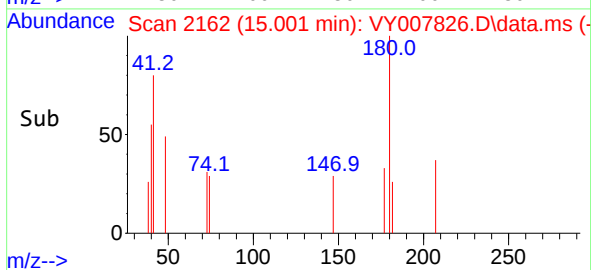
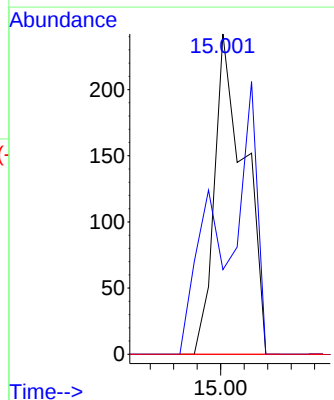
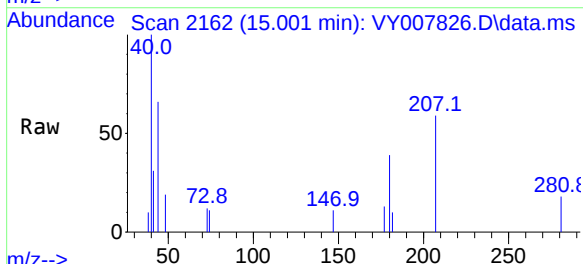
Instrument :
MSVOA_Y
ClientSampleId :
DUM-27RE

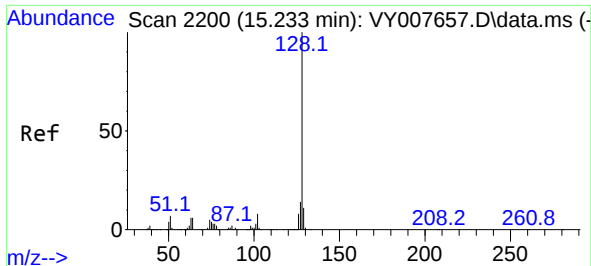
Tgt Ion: 75 Resp: 4990
Ion Ratio Lower Upper
75 100
53 1.0 85.3 127.9#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.305 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY007826.D
Acq: 10 Mar 2022 15:35

Tgt Ion:180 Resp: 216
Ion Ratio Lower Upper
180 100
182 92.1 47.3 141.9
145 0.0 14.6 43.8#





#95

Naphthalene

Concen: 1.040 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY007826.D

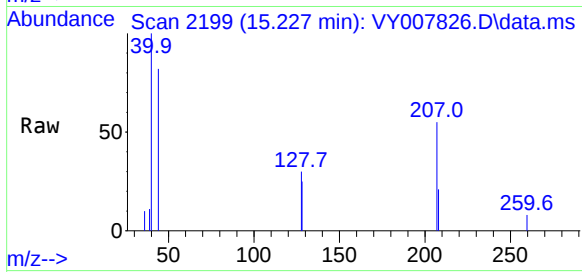
Acq: 10 Mar 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

DUM-27RE



Tgt Ion:128 Resp: 350

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

