

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011594.D
 Acq On : 28 Nov 2022 11:39
 Operator : KP/MD
 Sample : N5766-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-3

Quant Time: Nov 29 00:24:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

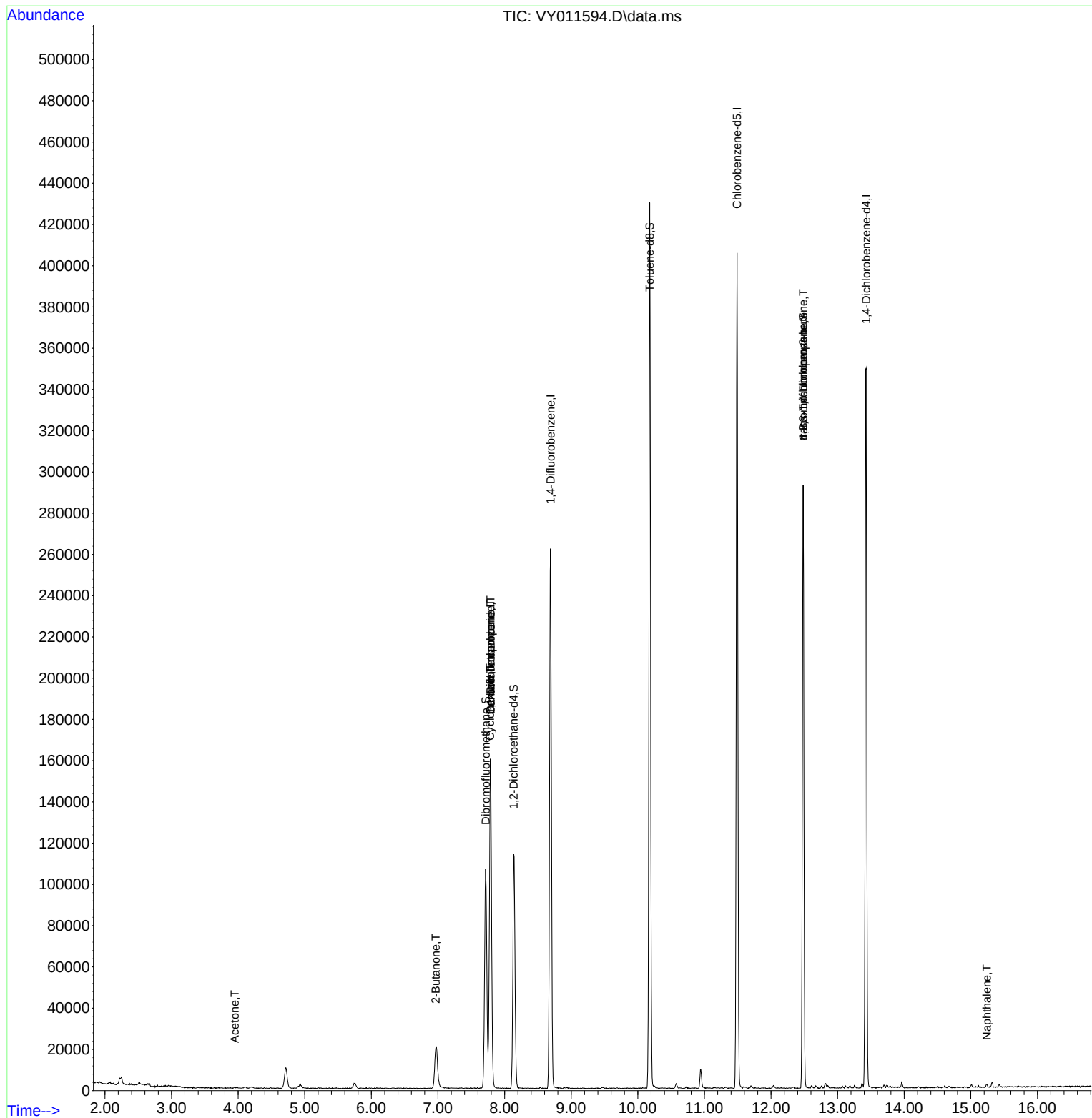
Internal Standards						
1) Pentafluorobenzene	7.789	168	120225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	216000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87734	71.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.740%	
35) Dibromofluoromethane	7.716	113	73699	54.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.179	98	271692	54.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.800%	
62) 4-Bromofluorobenzene	12.483	95	86128	47.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	40	Below Cal	#	43
3) Chloromethane	2.119	50	336	Below Cal		91
5) Bromomethane	2.662	94	349	Below Cal		86
11) Tert butyl alcohol	4.936	59	2150	Below Cal	#	77
16) Acetone	3.948	43	684	1.725	ug/l #	87
18) Methyl Acetate	4.479	43	292	Below Cal	#	56
20) Methylene Chloride	4.716	84	7223	Below Cal		95
25) 2-Butanone	6.966	43	587	1.126	ug/l #	54
31) Cyclohexane	7.783	56	2575	1.273	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	9584	4.502	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11973	5.027	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	46104	46.824	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46104	102.560	ug/l #	7
95) Naphthalene	15.239	128	1560	4.463	ug/l #	93

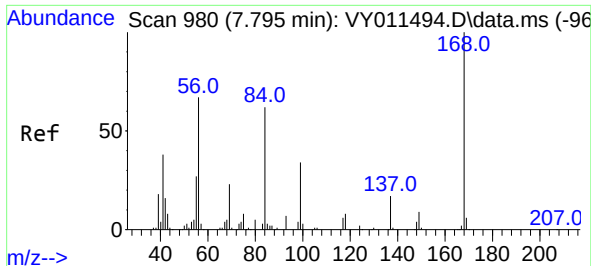
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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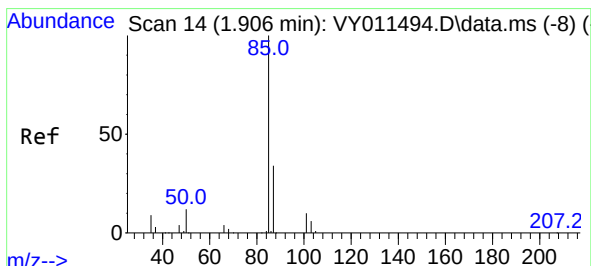
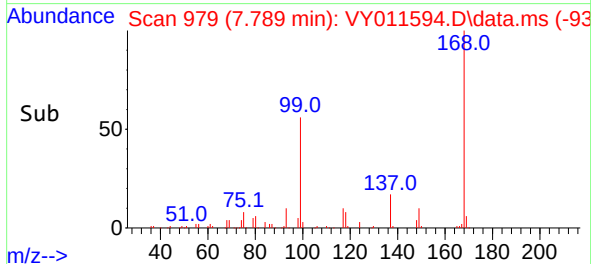
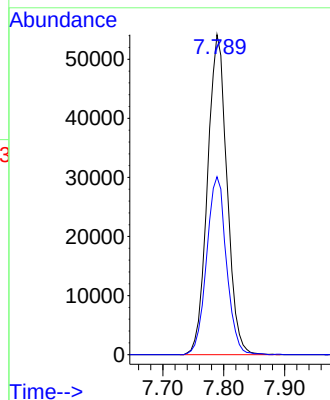
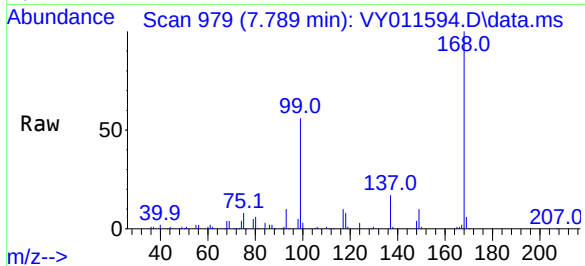




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

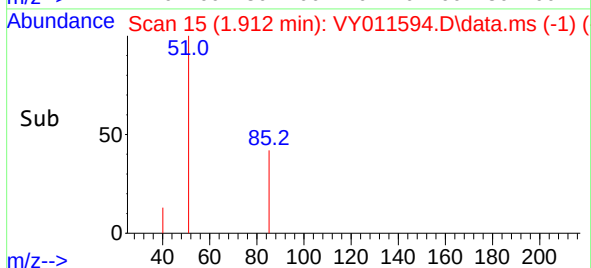
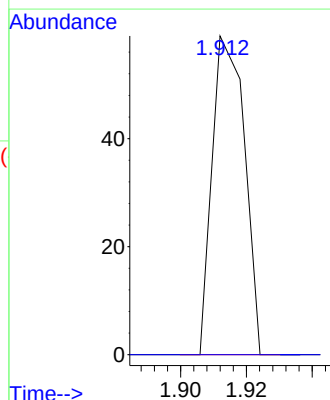
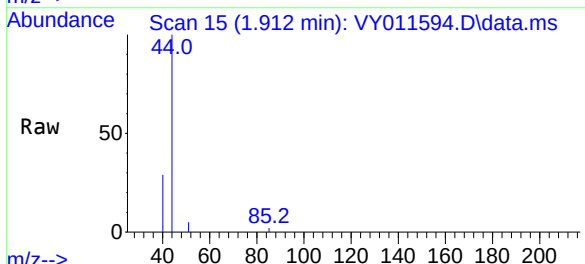
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

Tgt Ion:168 Resp: 120225
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3

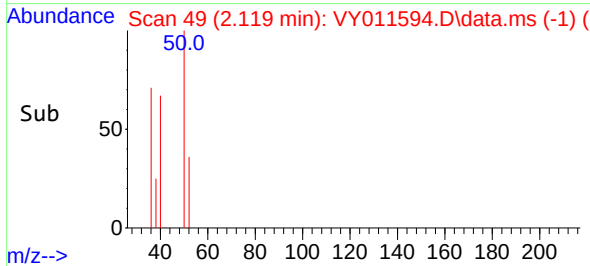
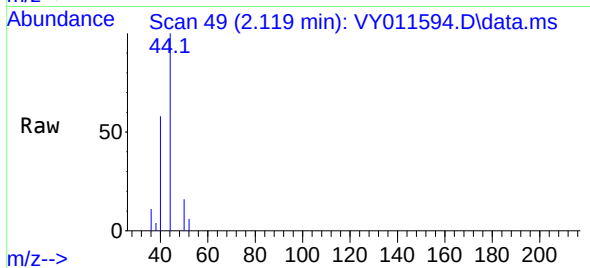
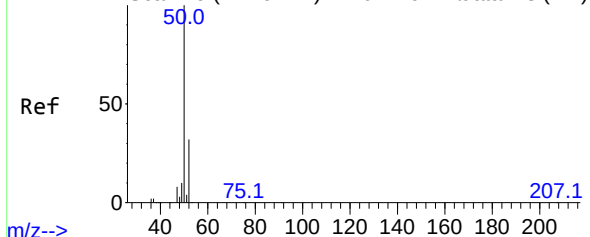


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion: 85 Resp: 40
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



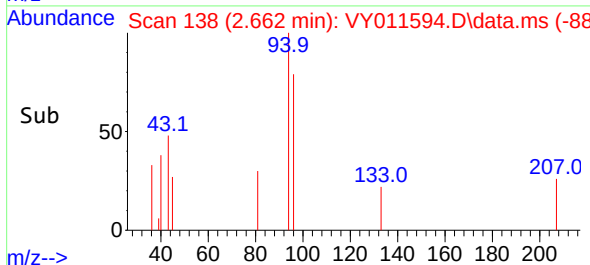
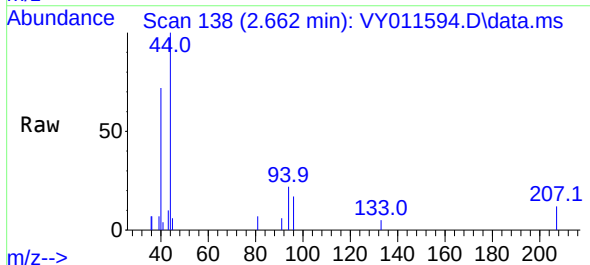
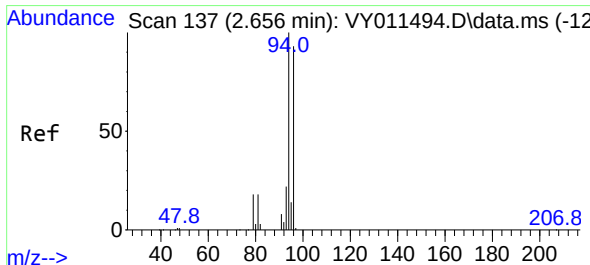
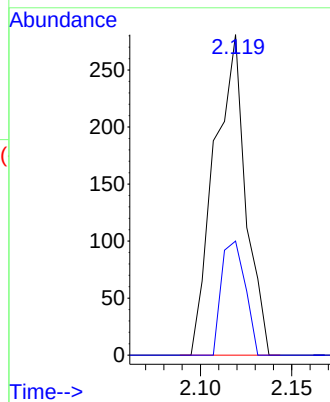
Abundance Scan 49 (2.119 min): VY011494.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

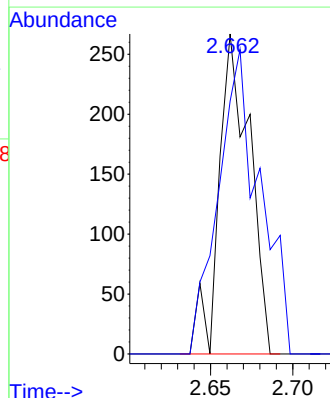
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

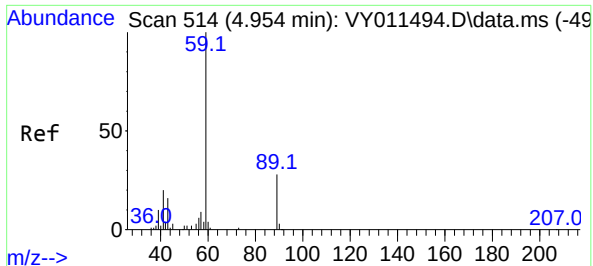
Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 35.6 24.6 37.0



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 79.0 73.5 110.3

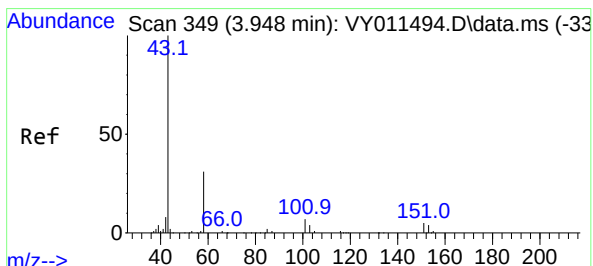
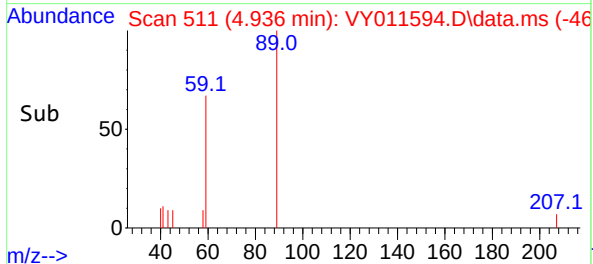
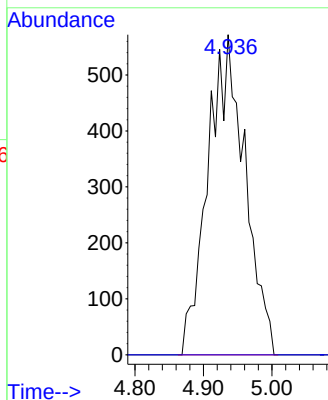
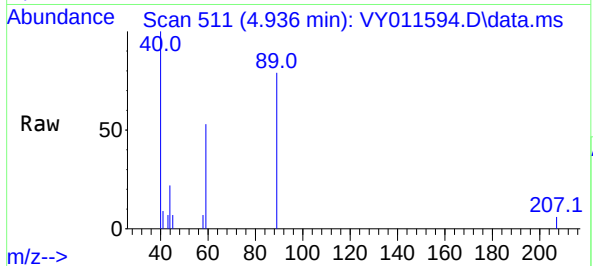




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

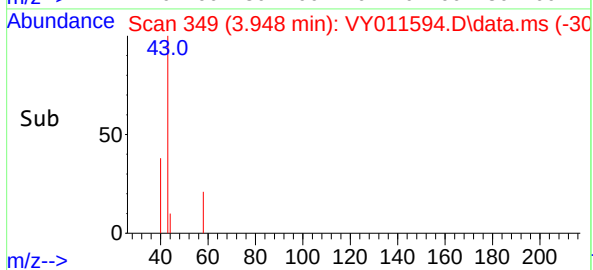
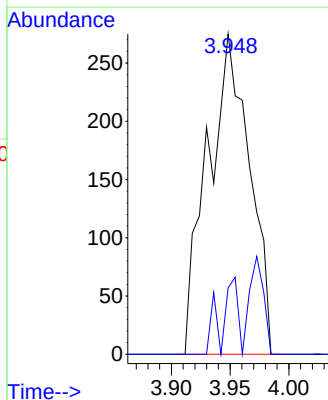
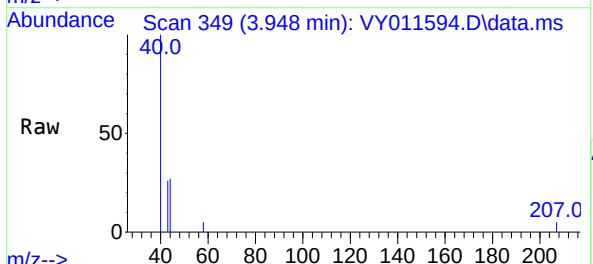
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

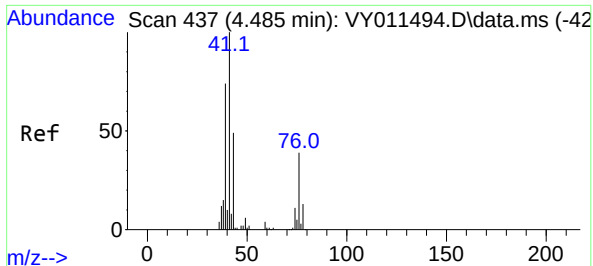
Tgt Ion: 59 Resp: 2150
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.725 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
58 20.7 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY011594.D

Acq: 28 Nov 2022 11:39

Instrument :

MSVOA_Y

ClientSampleId :

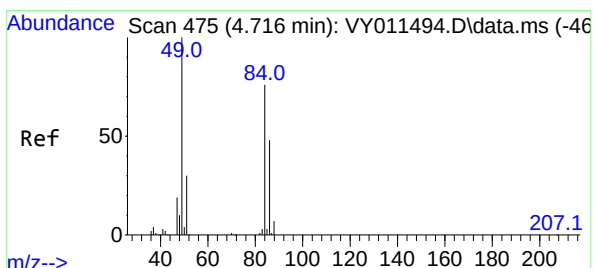
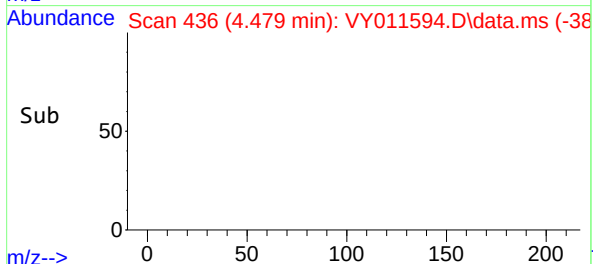
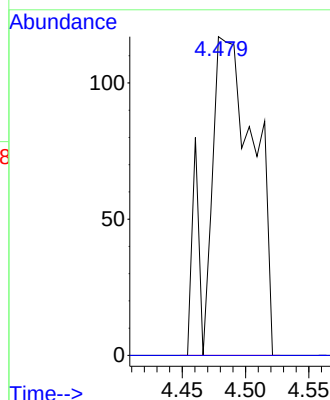
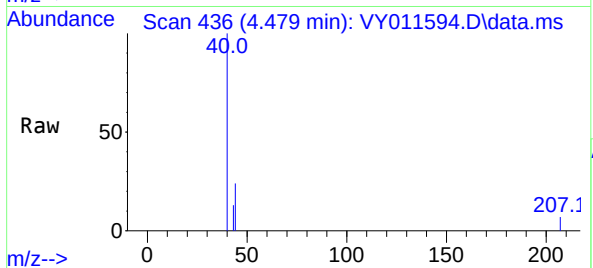
CR-3

Tgt Ion: 43 Resp: 292

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011594.D

Acq: 28 Nov 2022 11:39

Tgt Ion: 84 Resp: 7223

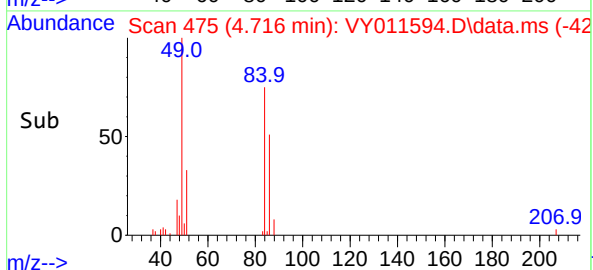
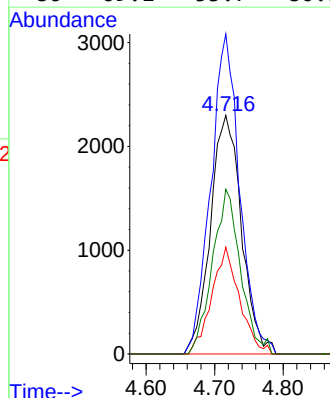
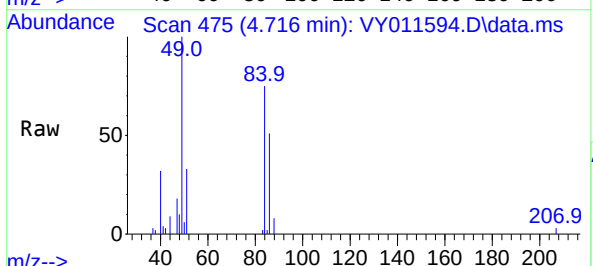
Ion Ratio Lower Upper

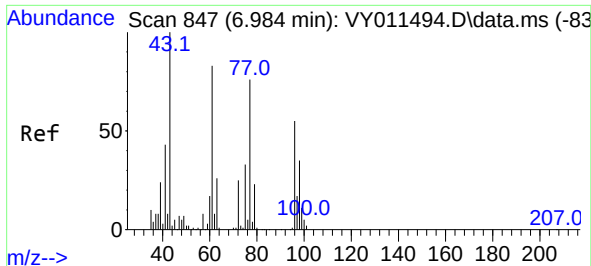
84 100

49 134.2 114.4 171.6

51 44.8 35.3 52.9

86 69.1 53.7 80.5

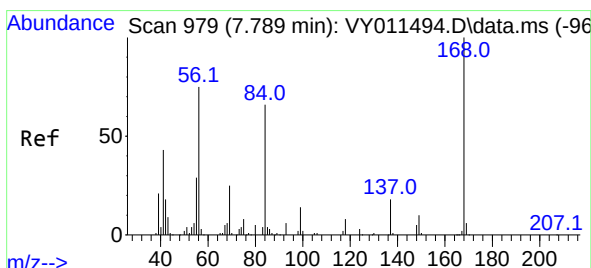
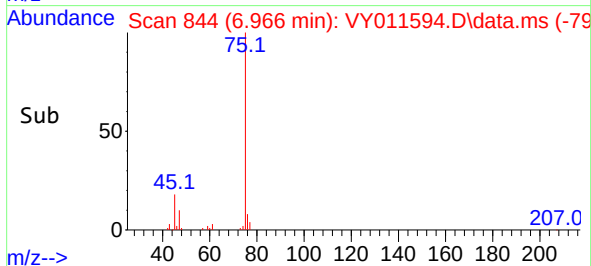
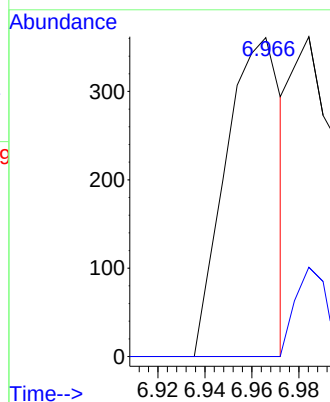
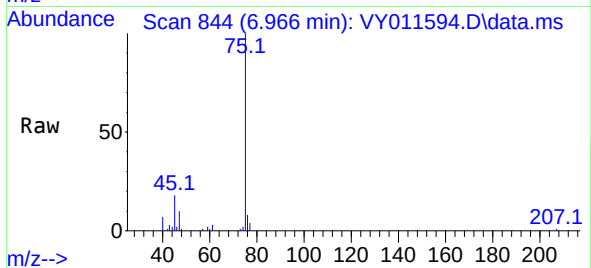




#25
2-Butanone
Concen: 1.126 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

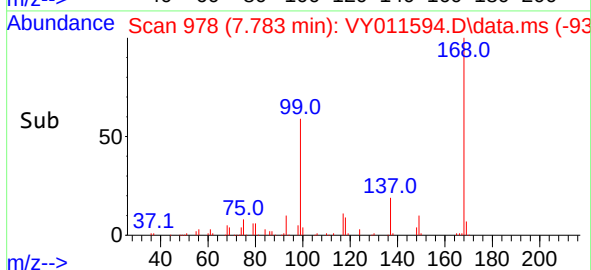
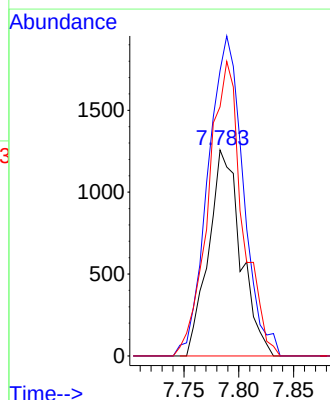
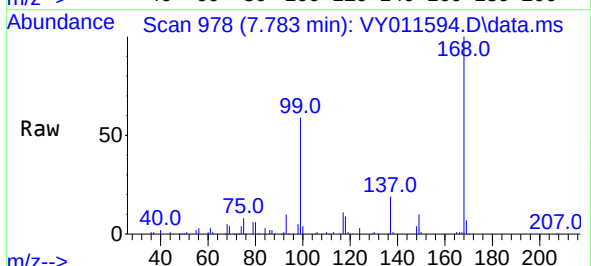
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

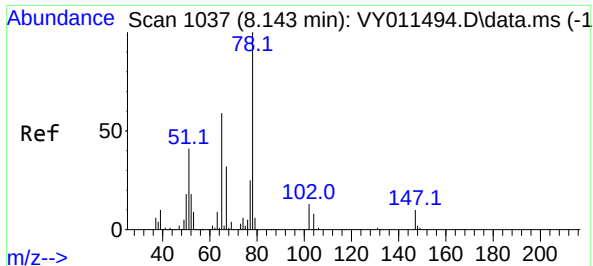
Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 138.6 26.7 40.1#
84 121.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 71.868 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY011594.D

Acq: 28 Nov 2022 11:39

Instrument :

MSVOA_Y

ClientSampleId :

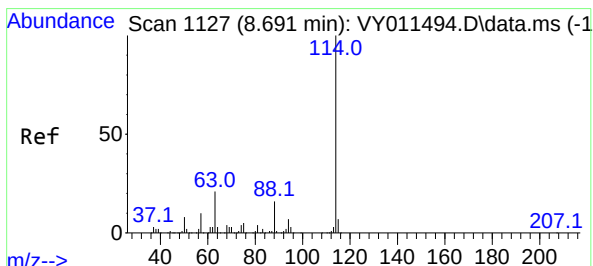
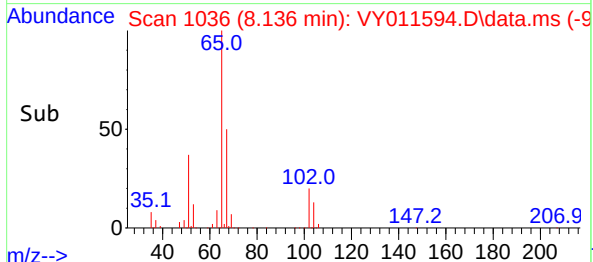
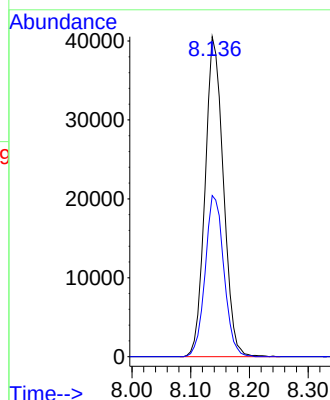
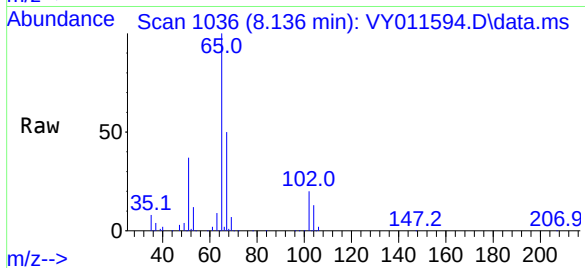
CR-3

Tgt Ion: 65 Resp: 87734

Ion Ratio Lower Upper

65 100

67 51.5 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: VY011594.D

Acq: 28 Nov 2022 11:39

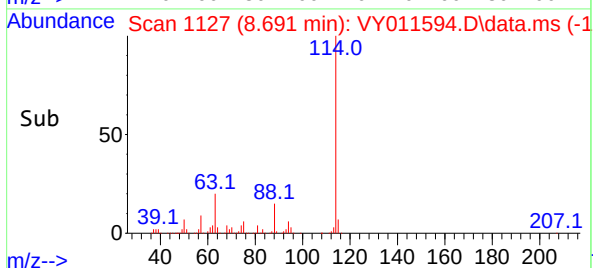
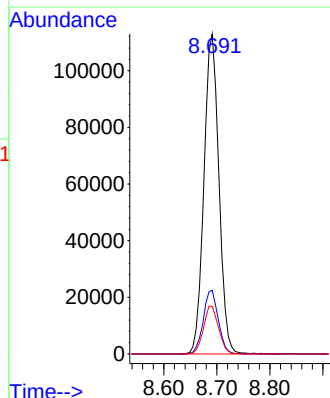
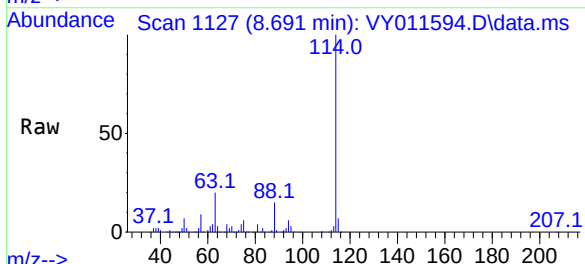
Tgt Ion: 114 Resp: 221240

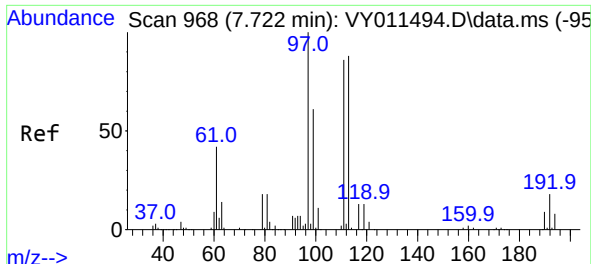
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.9 0.0 31.8



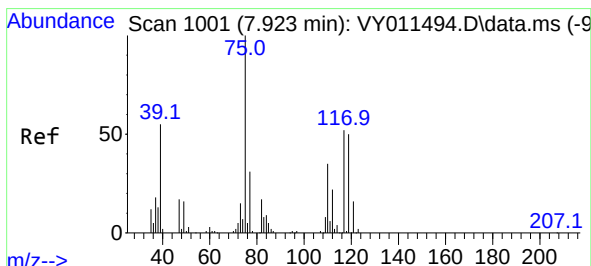
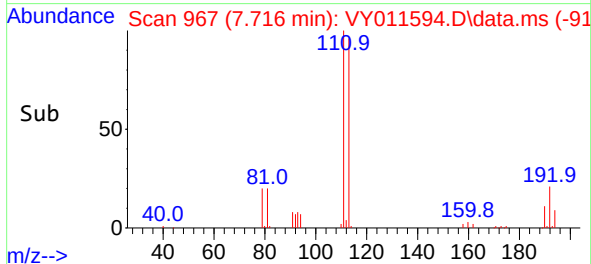
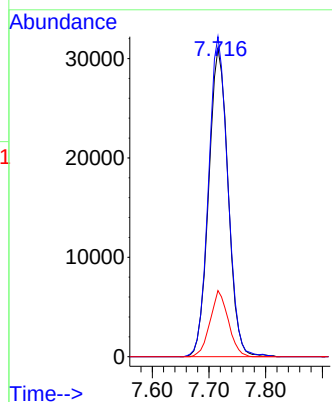
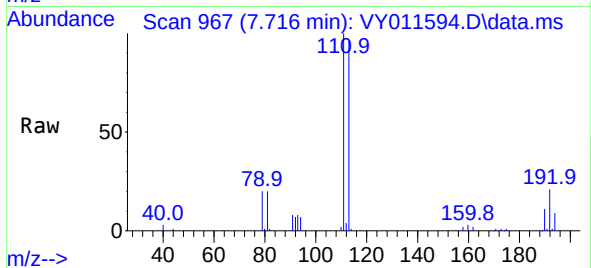


#35
 Dibromofluoromethane
 Concen: 54.113 ug/l
 RT: 7.716 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY011594.D
 Acq: 28 Nov 2022 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-3

Tgt Ion:113 Resp: 73699

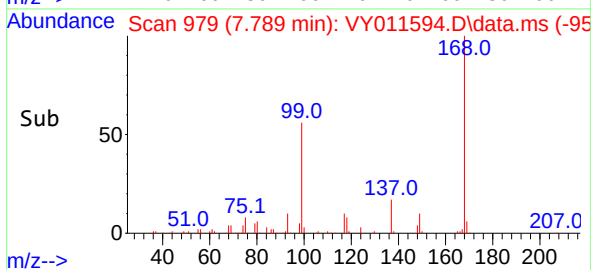
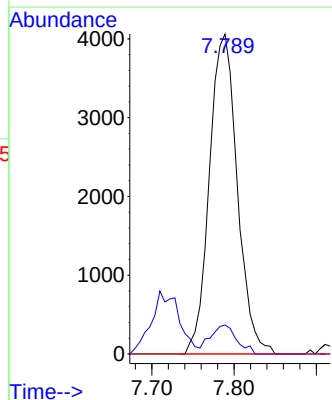
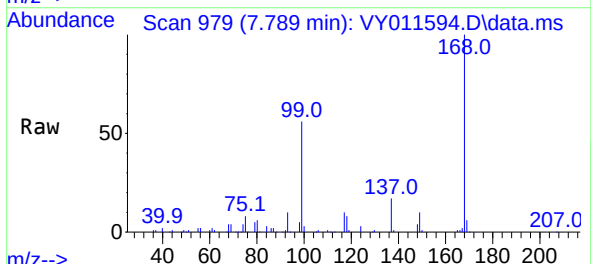
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	20.1	17.6	26.4

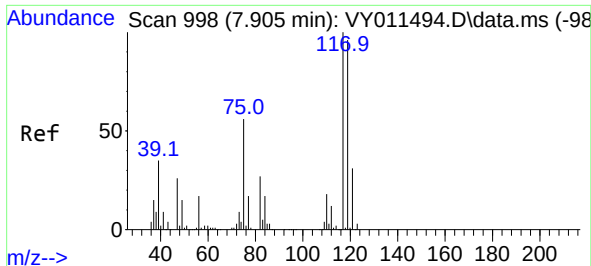


#36
 1,1-Dichloropropene
 Concen: 4.502 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.134 min
 Lab File: VY011594.D
 Acq: 28 Nov 2022 11:39

Tgt Ion: 75 Resp: 9584

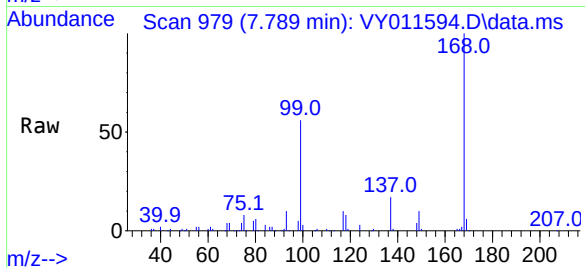
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.4	36.6#



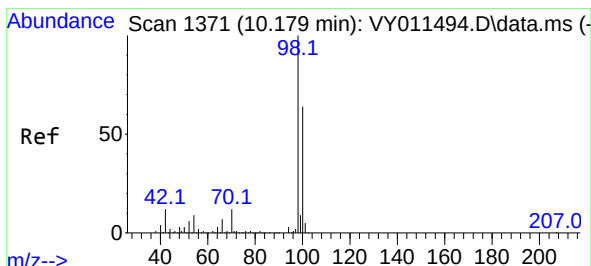
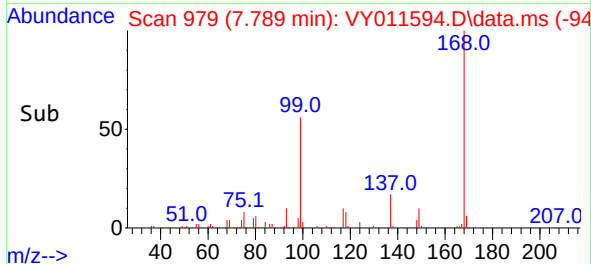
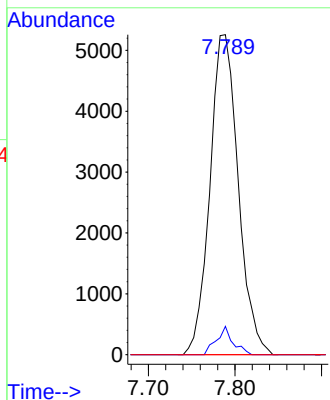


#38
Carbon Tetrachloride
Concen: 5.027 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Instrument :
MSVOA_Y
ClientSampleId :
CR-3

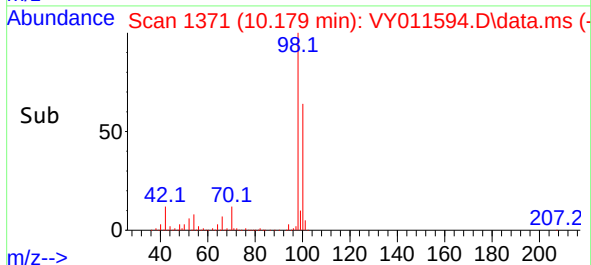
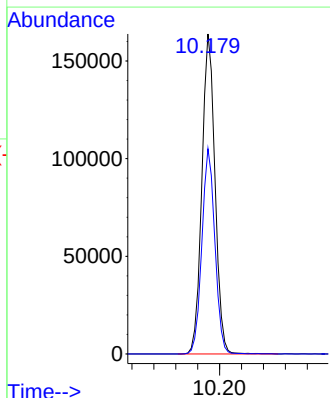
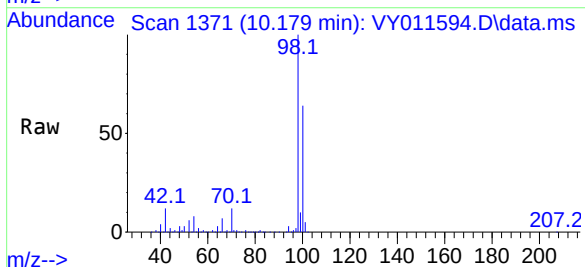


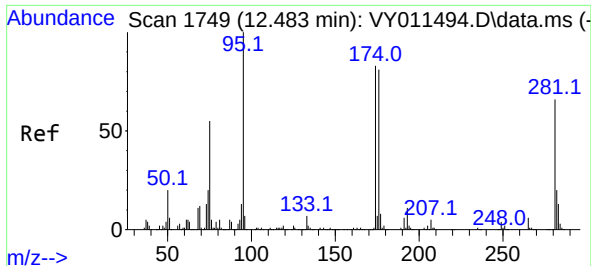
Tgt Ion:117 Resp: 11973
Ion Ratio Lower Upper
117 100
119 8.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.897 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion: 98 Resp: 271692
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

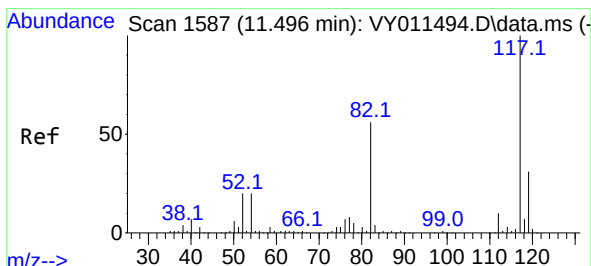
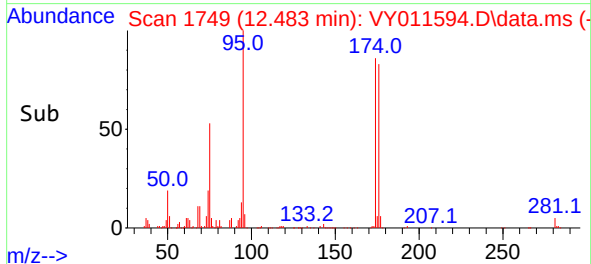
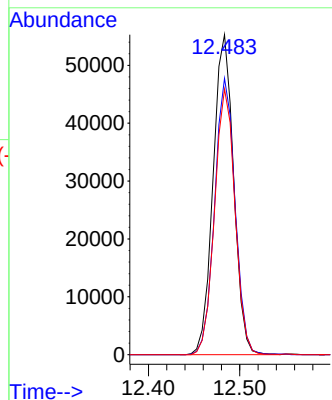
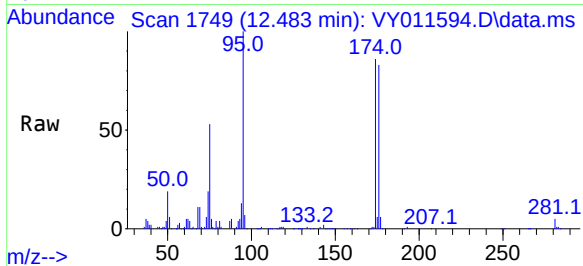




#62
4-Bromofluorobenzene
Concen: 47.068 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

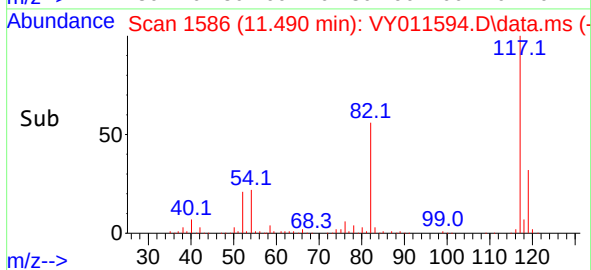
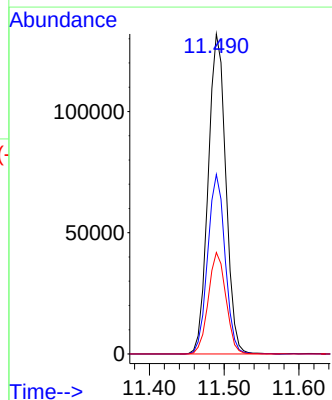
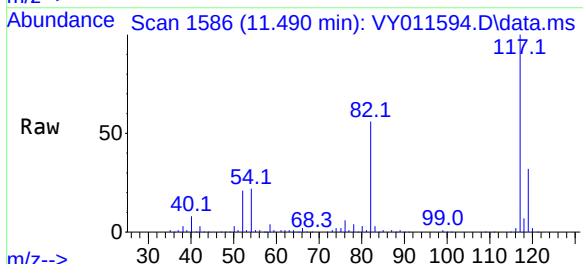
Instrument :
MSVOA_Y
ClientSampleId :
CR-3

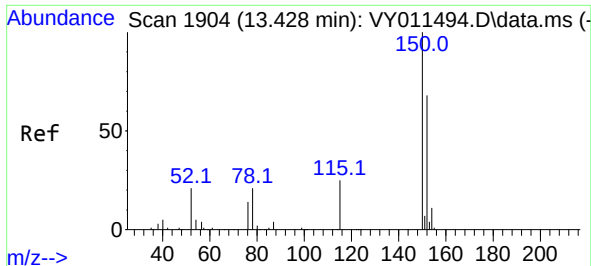
Tgt Ion: 95 Resp: 86128
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 82.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion: 117 Resp: 216000
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 31.7 25.4 38.0

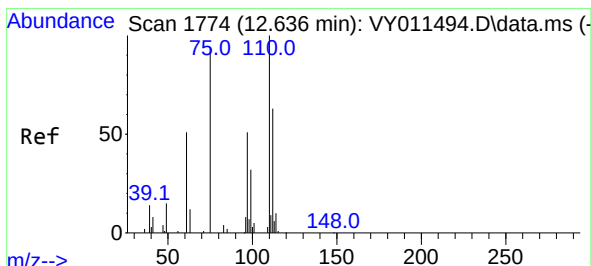
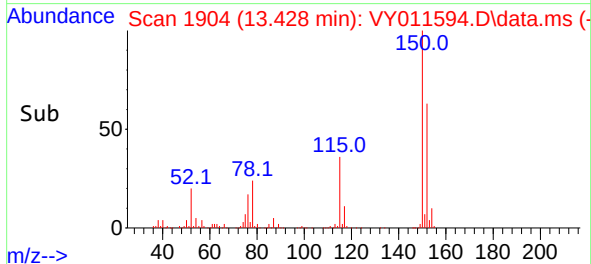
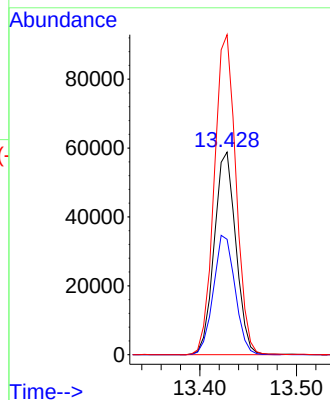
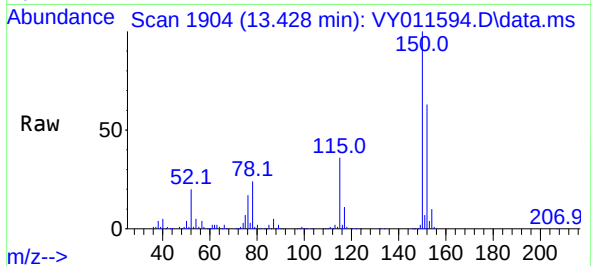




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011594.D
 Acq: 28 Nov 2022 11:39

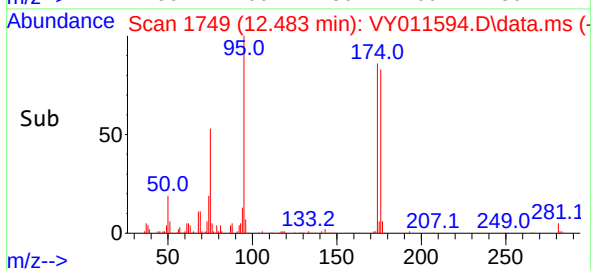
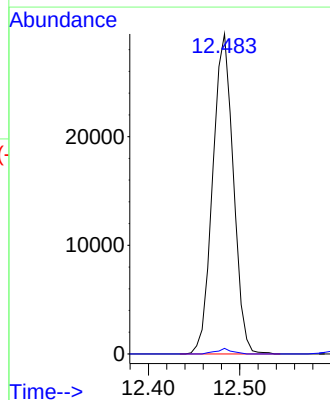
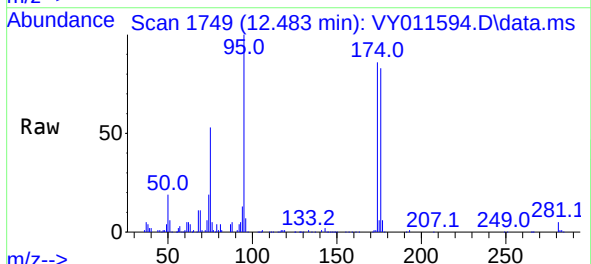
Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-3

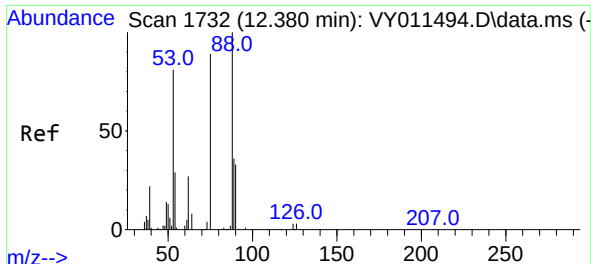
Tgt Ion:152 Resp: 91429
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.824 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011594.D
 Acq: 28 Nov 2022 11:39

Tgt Ion: 75 Resp: 46104
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

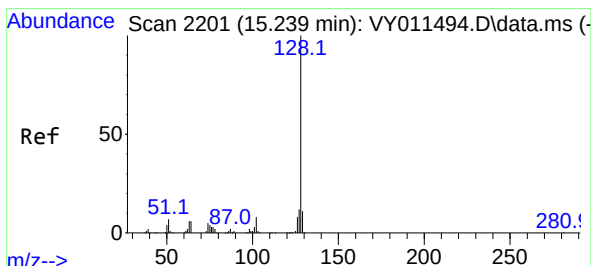
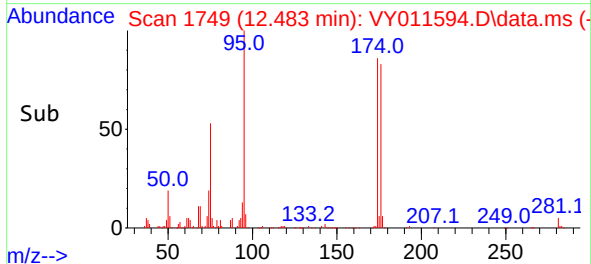
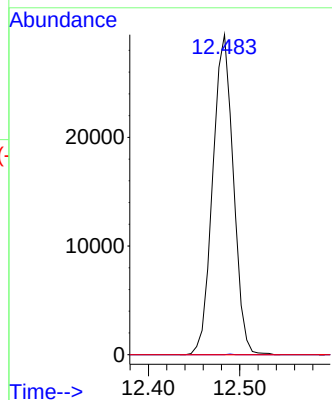
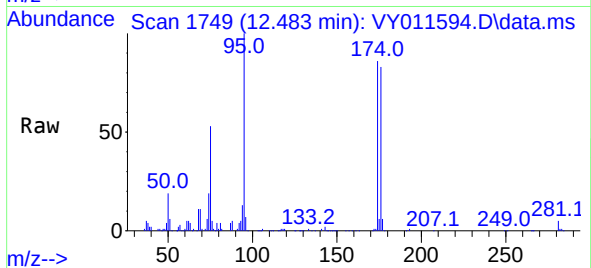




#81
trans-1,4-Dichloro-2-butene
Concen: 102.560 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Instrument :
MSVOA_Y
ClientSampleId :
CR-3

Tgt Ion: 75 Resp: 46104
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.463 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011594.D
Acq: 28 Nov 2022 11:39

Tgt Ion:128 Resp: 1560
Ion Ratio Lower Upper
128 100
127 10.8 11.0 16.4#
129 8.3 8.4 12.6#

