

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009714.D
 Acq On : 27 Jul 2022 11:05
 Operator : KP/MD
 Sample : VY0727SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBL01

Quant Time: Jul 28 02:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

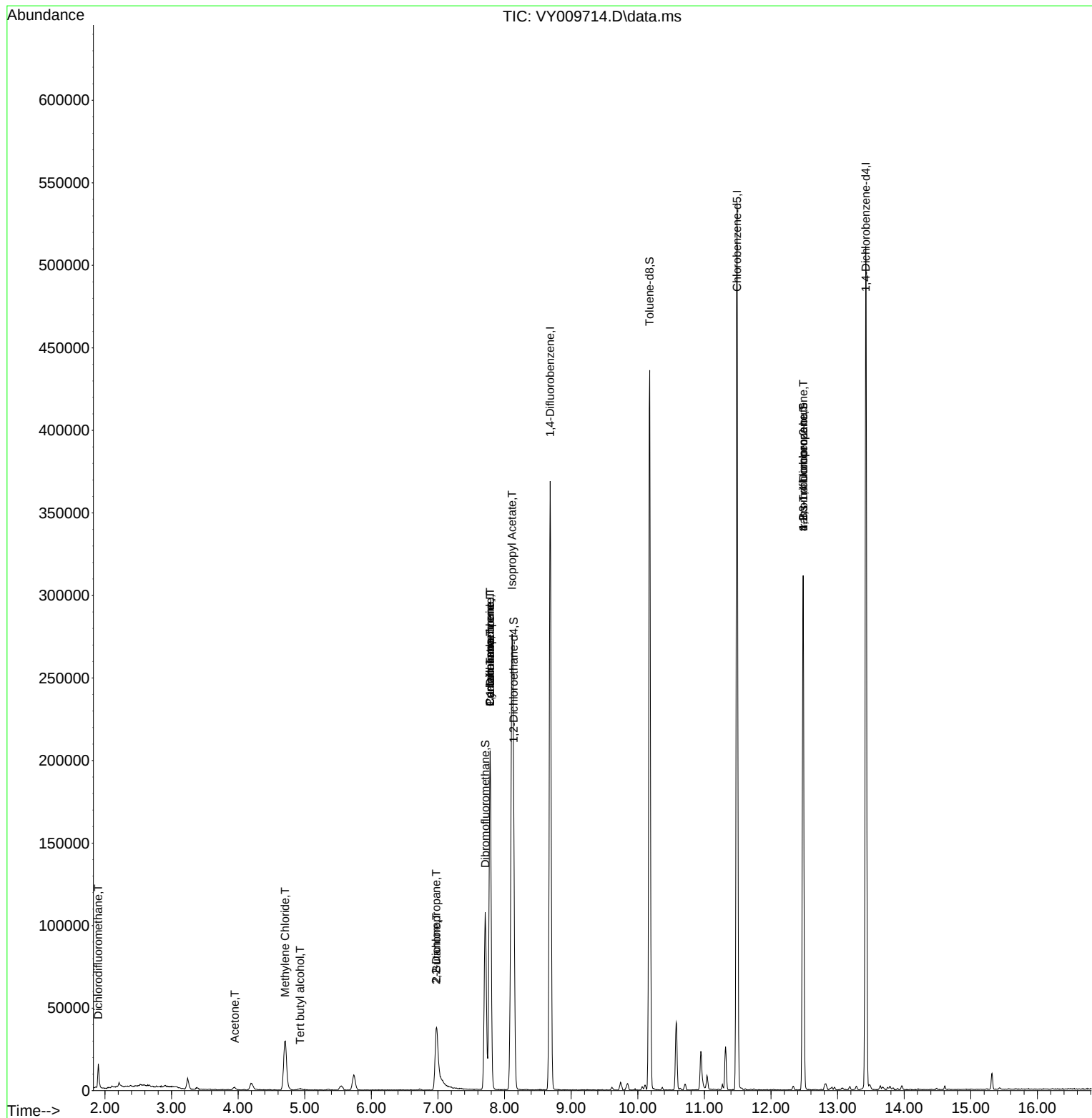
Internal Standards						
1) Pentafluorobenzene	7.783	168	167611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77193	71.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.800%
35) Dibromofluoromethane	7.710	113	75271	43.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.160%
50) Toluene-d8	10.179	98	289159	57.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.900%
62) 4-Bromofluorobenzene	12.483	95	87642	37.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	75.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	10841	7.265	ug/l	93
11) Tert butyl alcohol	4.930	59	1420	7.823	ug/l #	77
16) Acetone	3.948	43	3016	7.526	ug/l	93
18) Methyl Acetate	4.454	43	182	Below Cal	#	56
20) Methylene Chloride	4.704	84	23267	2.990	ug/l #	83
25) 2-Butanone	6.978	43	2710	4.584	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	3533	1.338	ug/l #	55
31) Cyclohexane	7.783	56	2994	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12218	4.297	ug/l #	51
38) Carbon Tetrachloride	7.783	117	15431	5.065	ug/l #	16
43) Isopropyl Acetate	8.112	43	5552	1.886	ug/l #	4
76) 1,2,3-Trichloropropane	12.483	75	44296	34.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44296	68.731	ug/l #	7

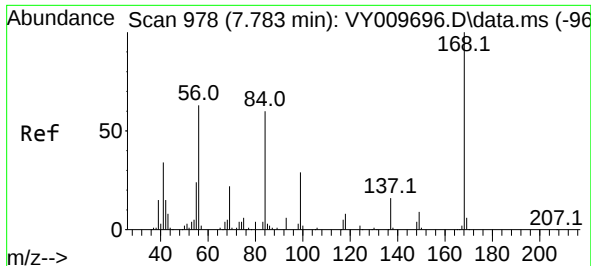
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009714.D
Acq On : 27 Jul 2022 11:05
Operator : KP/MD
Sample : VY0727SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

Quant Time: Jul 28 02:43:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

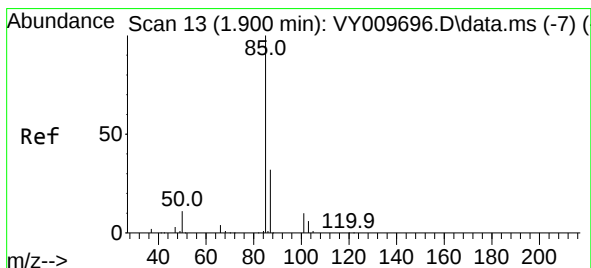
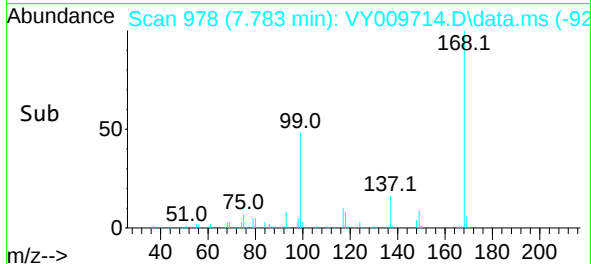
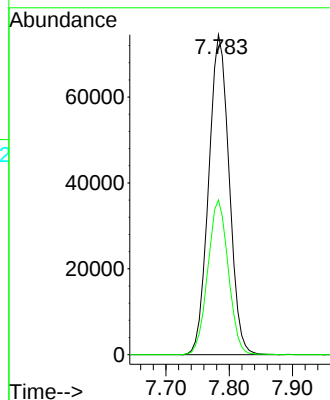
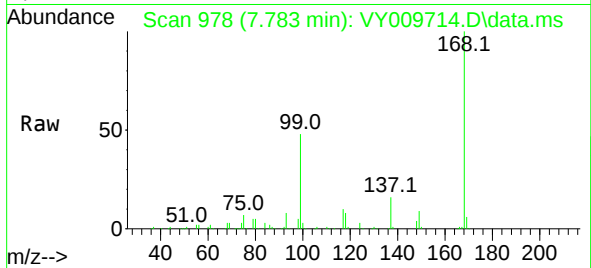




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

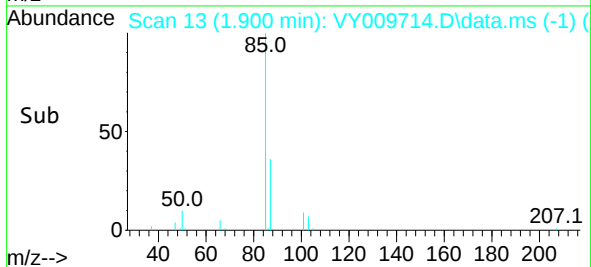
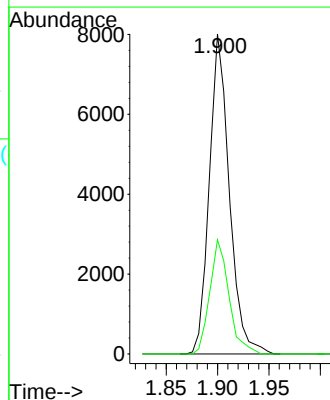
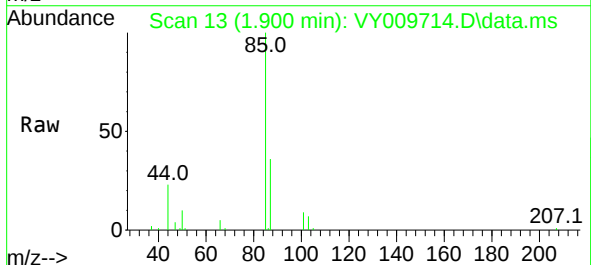
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

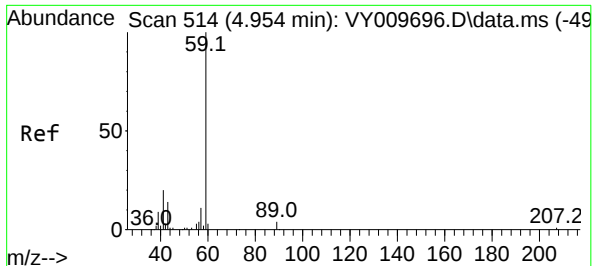
Tgt Ion:168 Resp: 167611
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 7.265 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 85 Resp: 10841
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2





#11

Tert butyl alcohol

Concen: 7.823 ug/l

RT: 4.930 min Scan# 514

Delta R.T. -0.024 min

Lab File: VY009714.D

Acq: 27 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

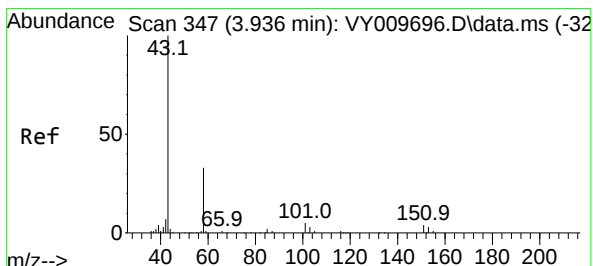
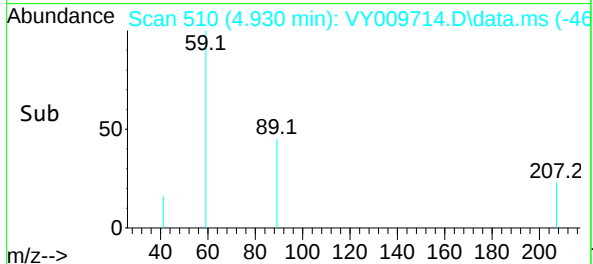
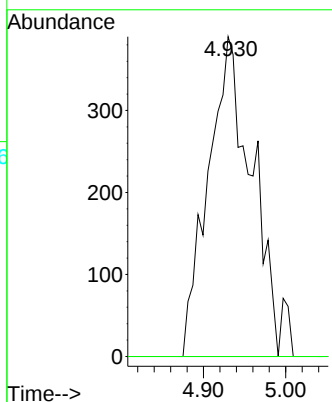
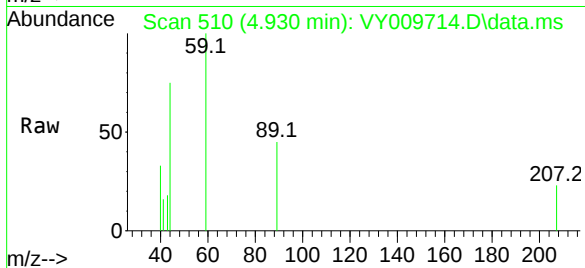
VY0727SBL01

Tgt Ion: 59 Resp: 1420

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 7.526 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.012 min

Lab File: VY009714.D

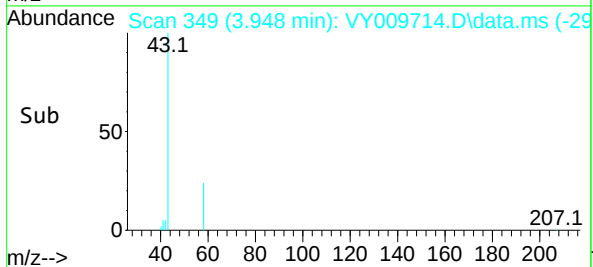
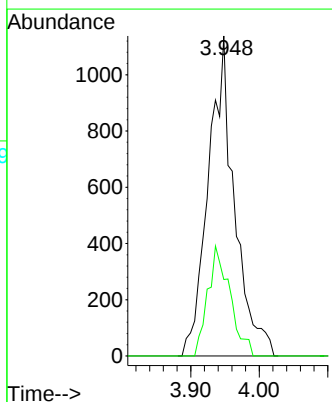
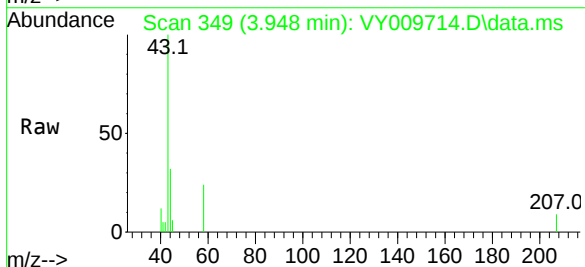
Acq: 27 Jul 2022 11:05

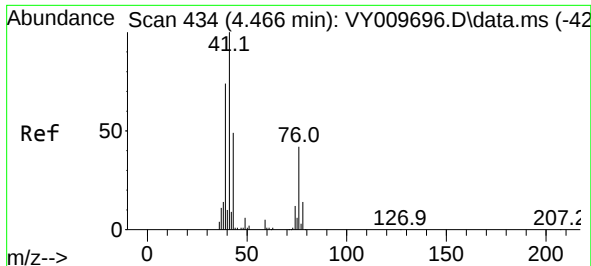
Tgt Ion: 43 Resp: 3016

Ion Ratio Lower Upper

43 100

58 23.9 22.0 33.0

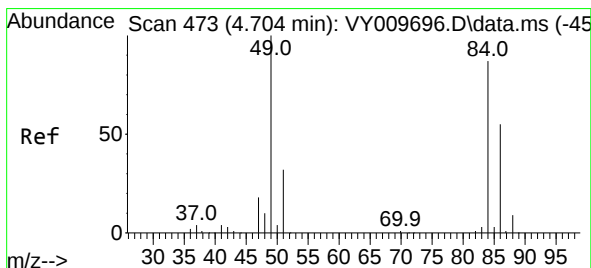
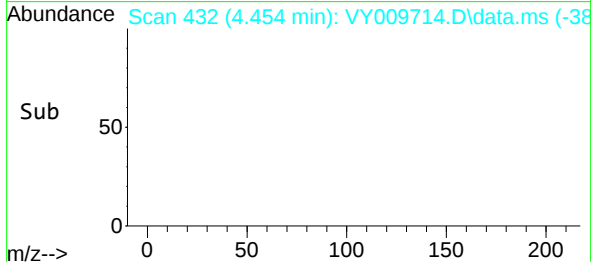
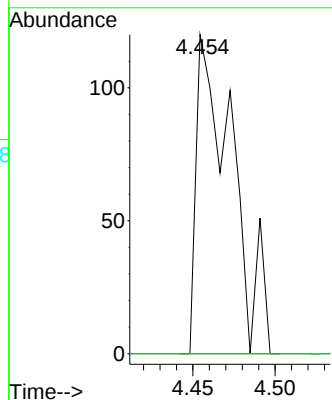
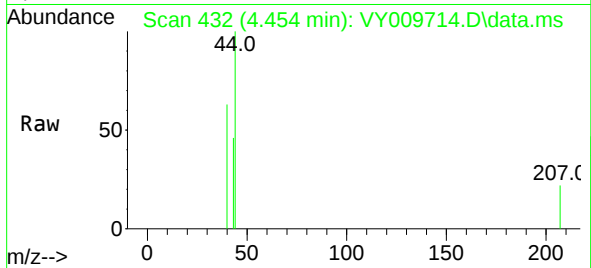




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

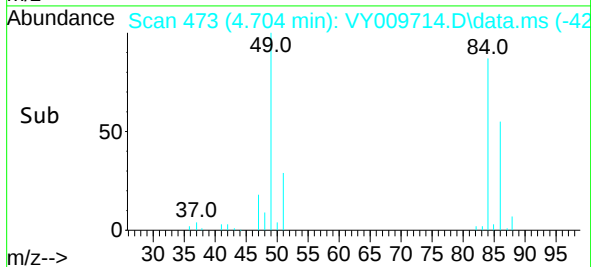
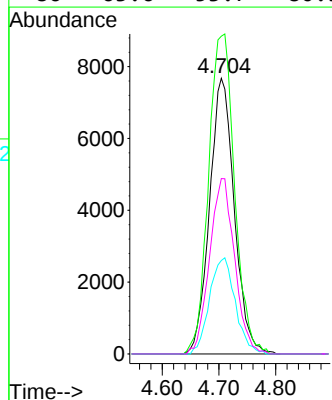
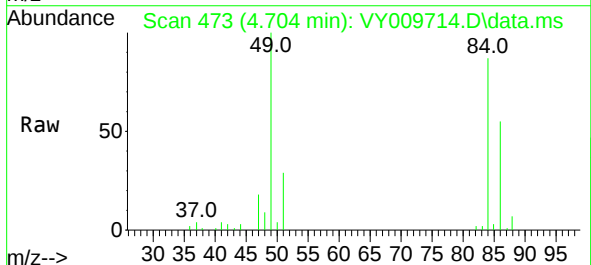
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

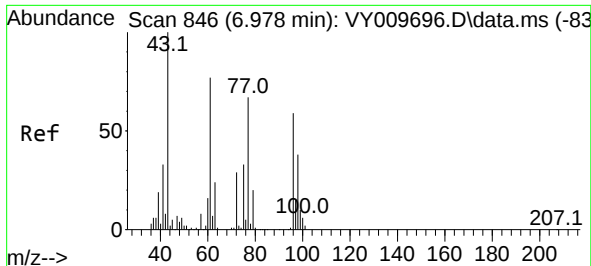
Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.990 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 84 Resp: 23267
Ion Ratio Lower Upper
84 100
49 115.3 114.4 171.6
51 33.9 35.3 52.9#
86 63.6 53.7 80.5





#25

2-Butanone

Concen: 4.584 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009714.D

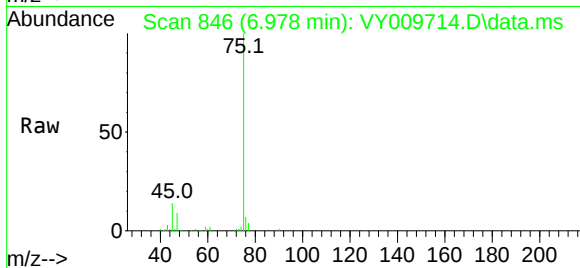
Acq: 27 Jul 2022 11:05

Instrument :

MSVOA_Y

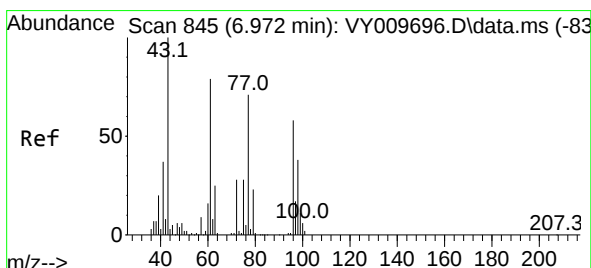
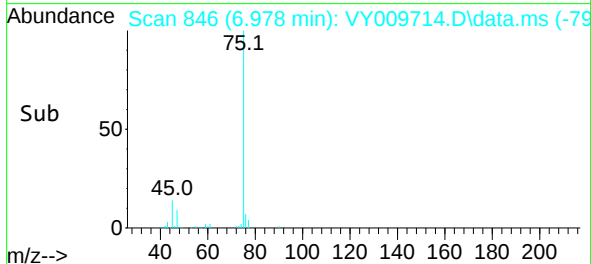
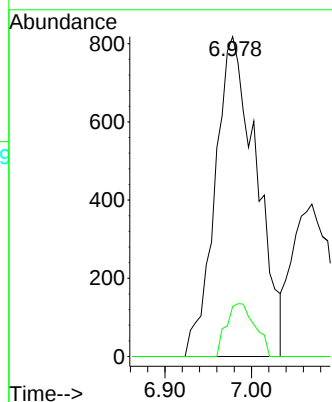
ClientSampleId :

VY0727SBL01



Tgt Ion: 43 Resp: 2710

Ion	Ratio	Lower	Upper
43	100		
72	15.6	17.7	26.5#



#26

2,2-Dichloropropane

Concen: 1.338 ug/l

RT: 6.972 min Scan# 845

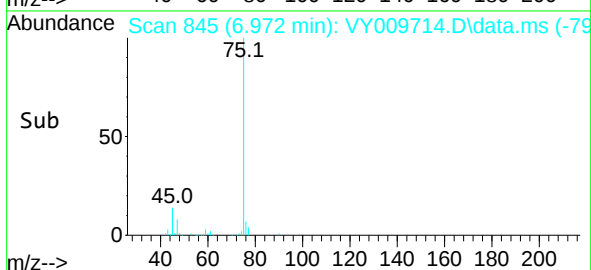
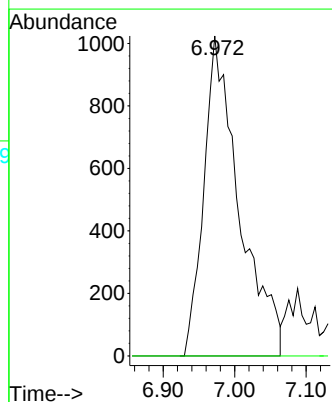
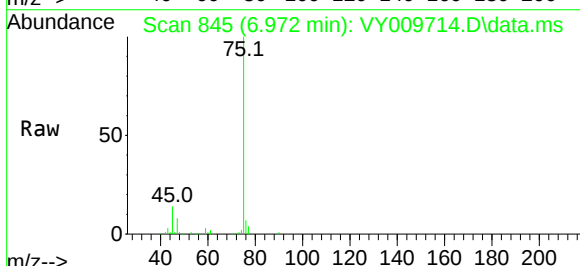
Delta R.T. 0.000 min

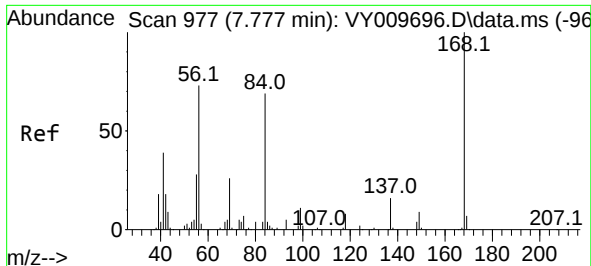
Lab File: VY009714.D

Acq: 27 Jul 2022 11:05

Tgt Ion: 77 Resp: 3533

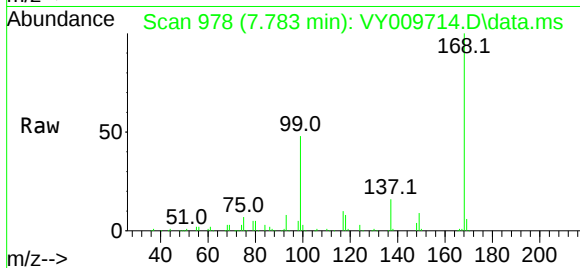
Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.4	31.4#



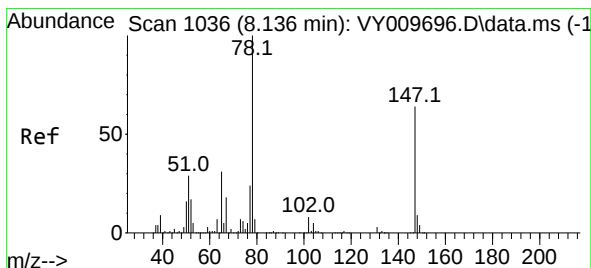
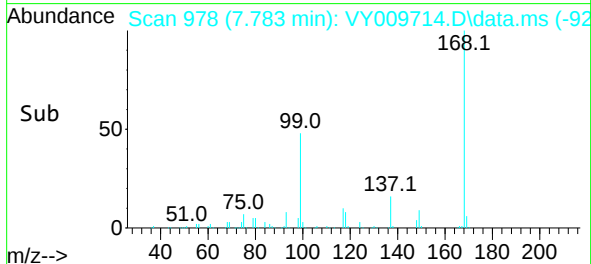
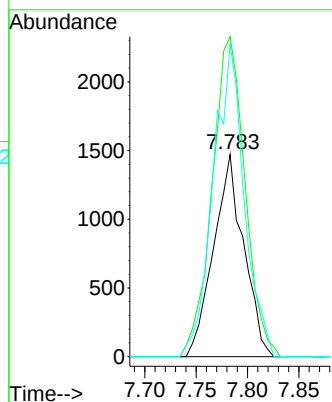


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

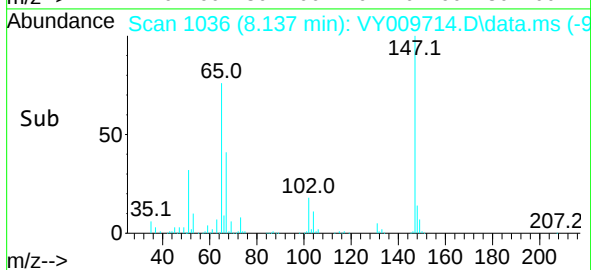
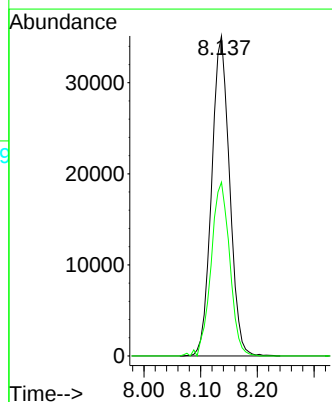
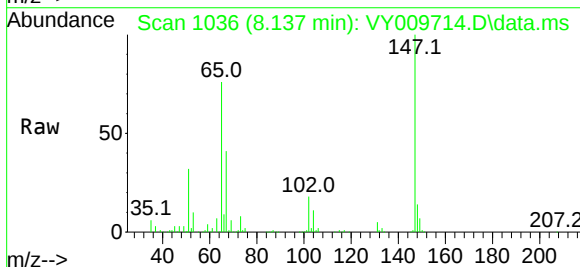


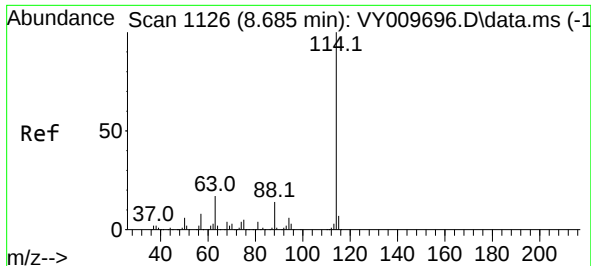
Tgt Ion: 56 Resp: 2994
Ion Ratio Lower Upper
56 100
69 158.2 26.7 40.1#
84 154.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 71.402 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 65 Resp: 77193
Ion Ratio Lower Upper
65 100
67 56.4 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: VY009714.D

Acq: 27 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0727SBL01

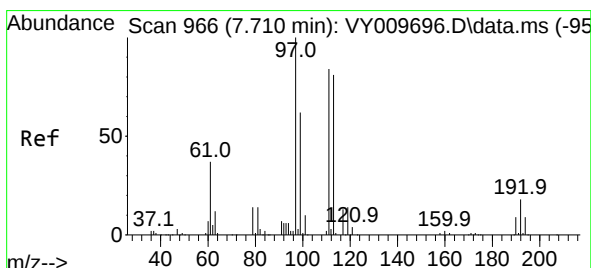
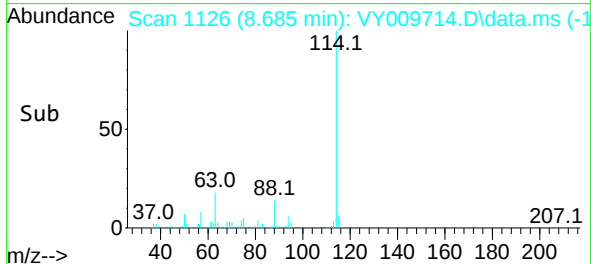
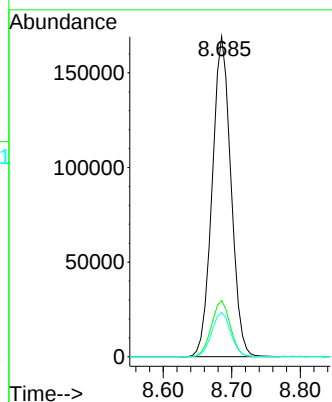
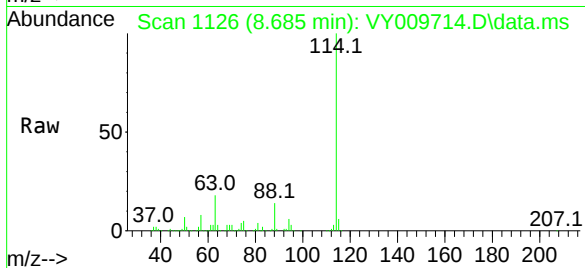
Tgt Ion:114 Resp: 321285

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.076 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009714.D

Acq: 27 Jul 2022 11:05

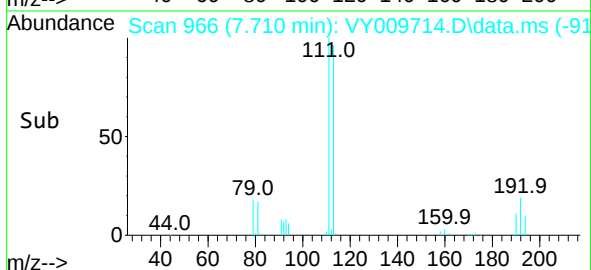
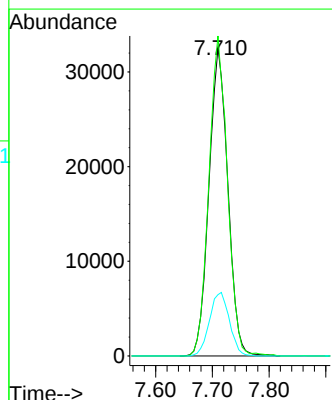
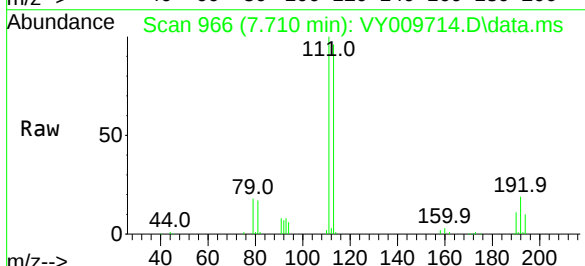
Tgt Ion:113 Resp: 75271

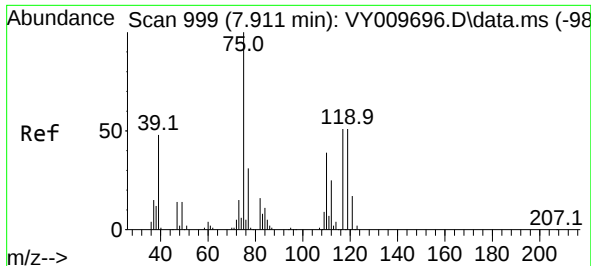
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.8 17.6 26.4

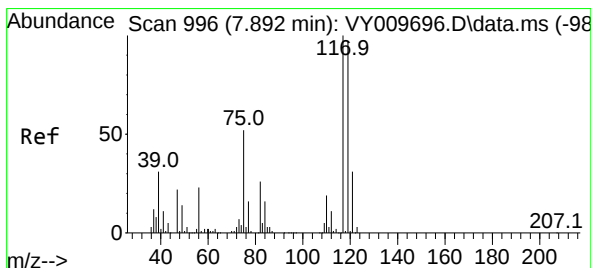
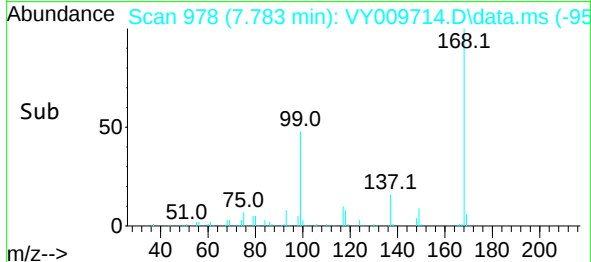
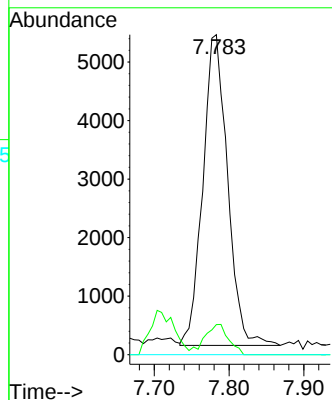
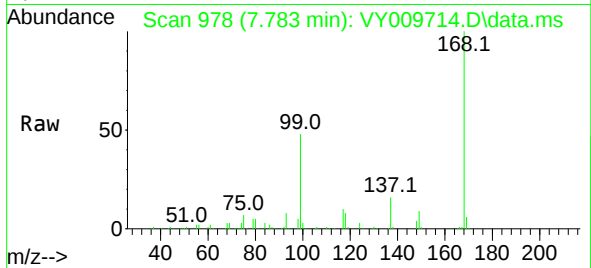




#36
1,1-Dichloropropene
Concen: 4.297 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

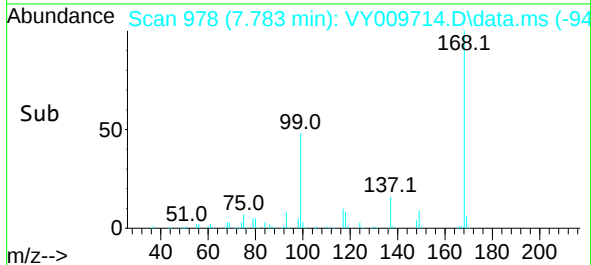
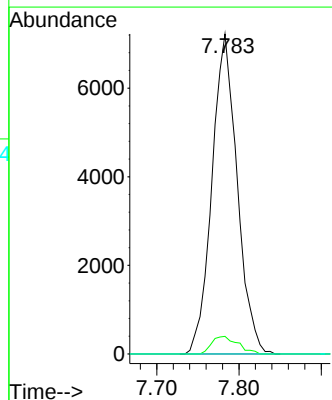
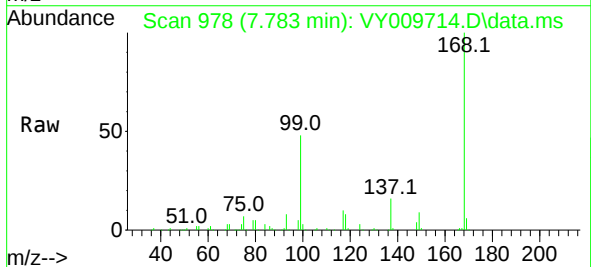
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

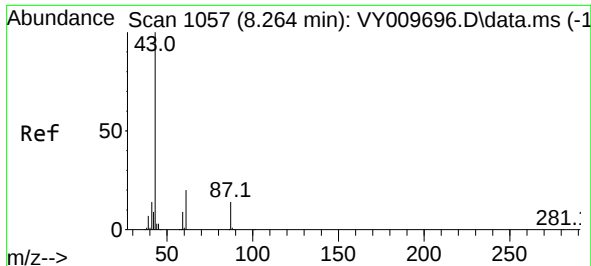
Tgt Ion: 75 Resp: 12218
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.065 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 117 Resp: 15431
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

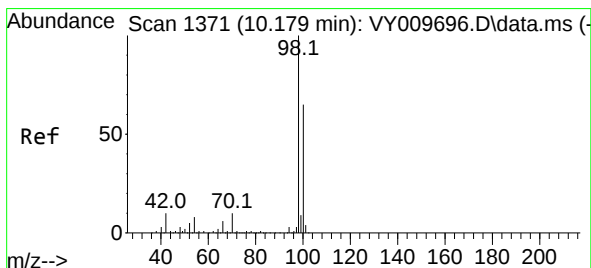
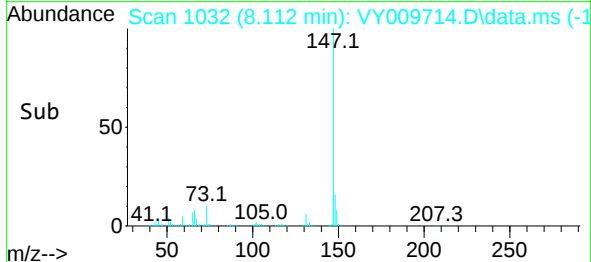
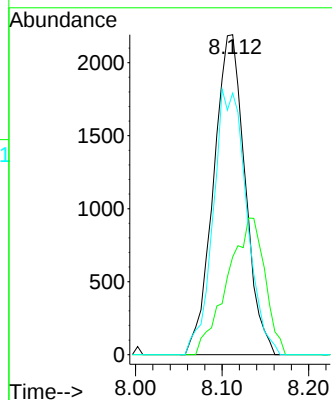
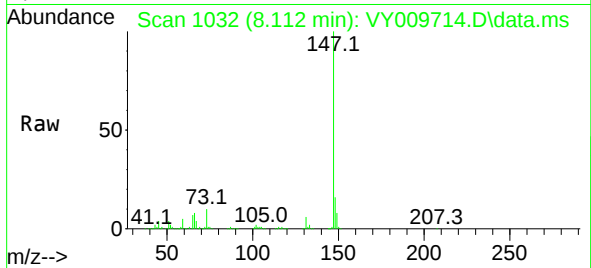




#43
Isopropyl Acetate
Concen: 1.886 ug/l
RT: 8.112 min Scan# 1057
Delta R.T. -0.152 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

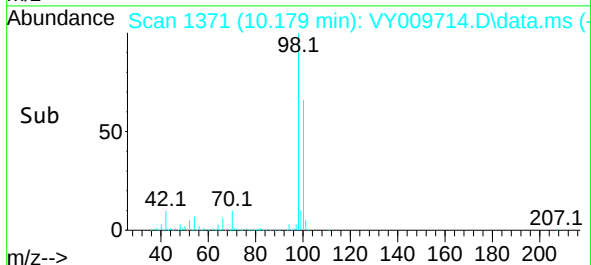
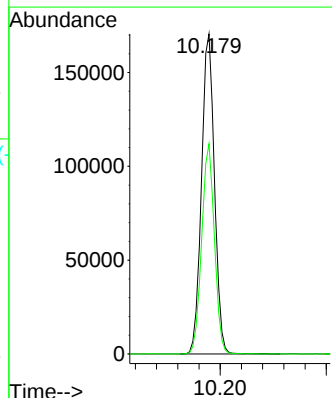
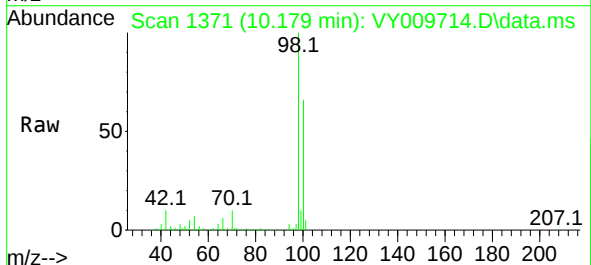
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

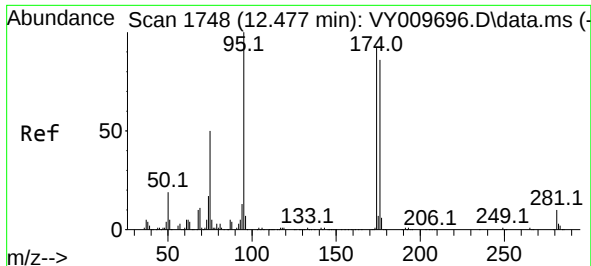
Tgt Ion: 43 Resp: 5552
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 87.8 8.9 13.3#



#50
Toluene-d8
Concen: 57.453 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 98 Resp: 289159
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

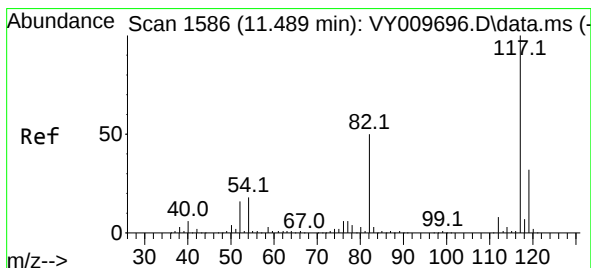
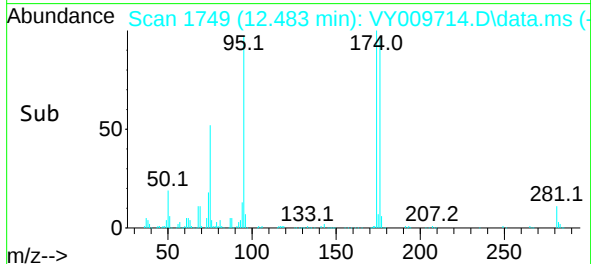
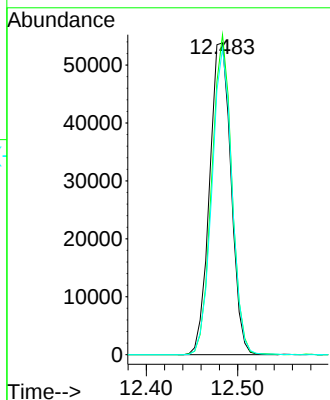
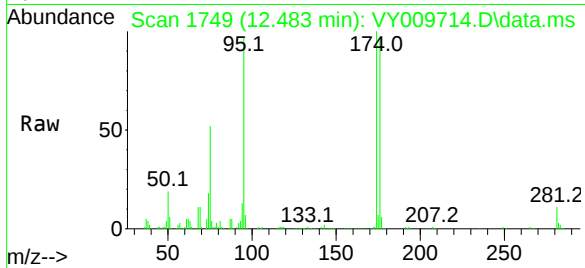




#62
4-Bromofluorobenzene
Concen: 37.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

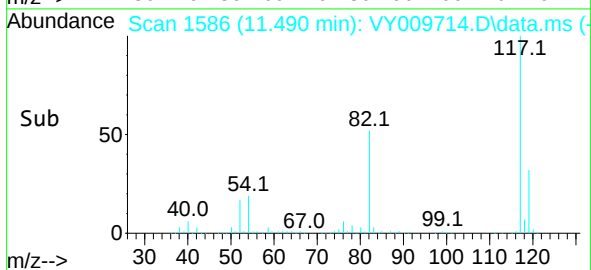
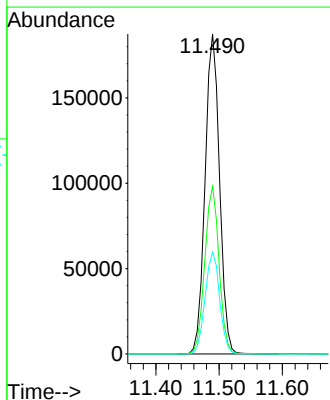
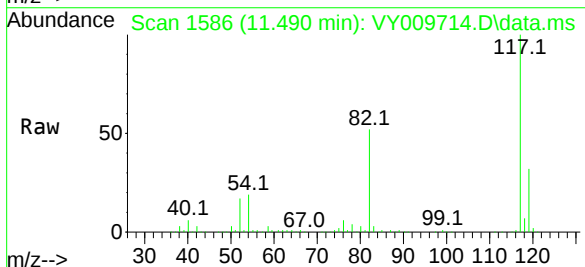
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

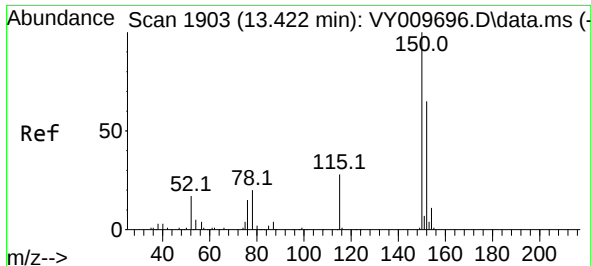
Tgt Ion: 95 Resp: 87642
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 92.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 117 Resp: 298362
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.8 25.4 38.0

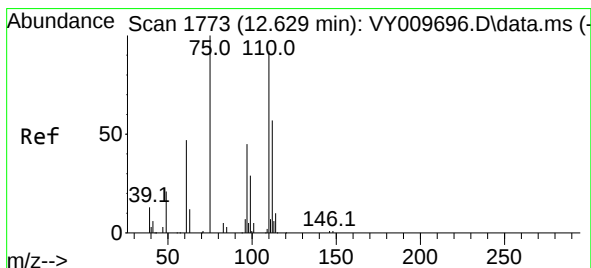
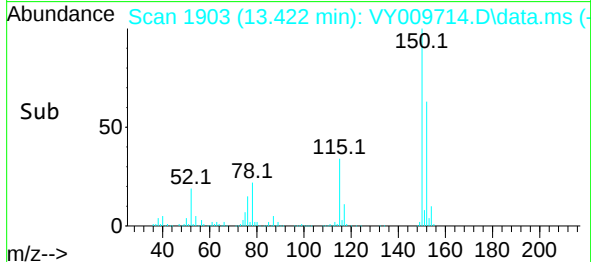
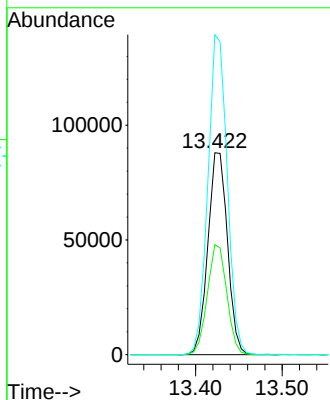
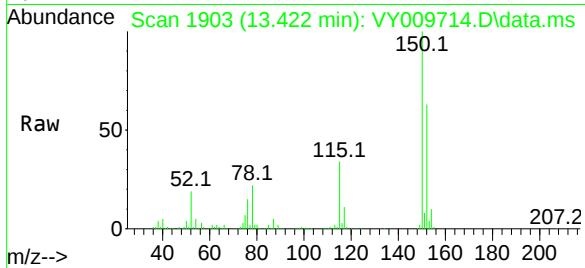




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

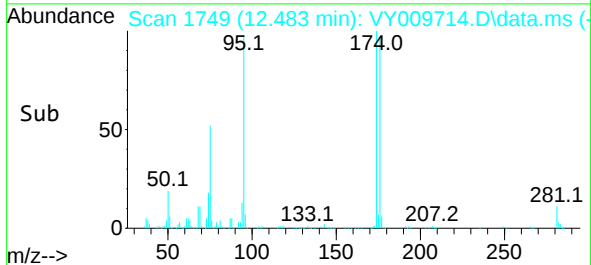
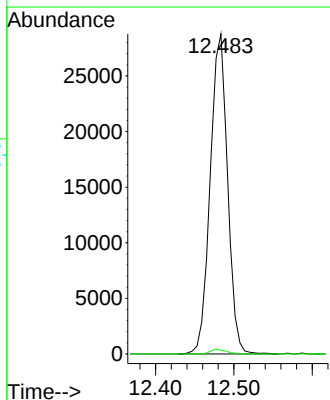
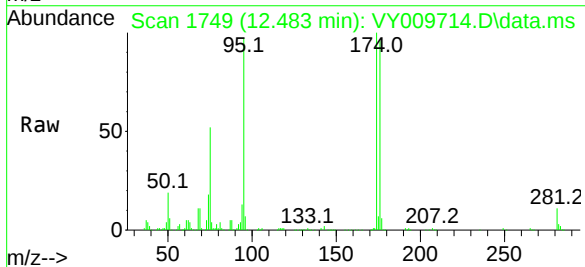
Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBL01

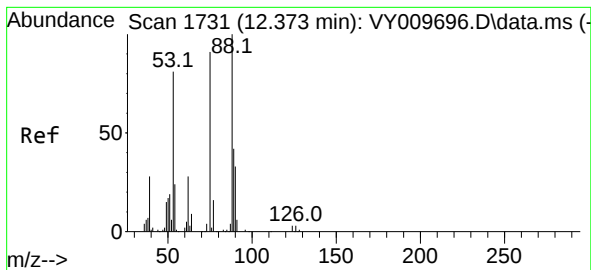
Tgt Ion:152 Resp: 138303
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 156.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 34.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009714.D
Acq: 27 Jul 2022 11:05

Tgt Ion: 75 Resp: 44296
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.731 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY009714.D
 Acq: 27 Jul 2022 11:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBL01

Tgt Ion: 75 Resp: 44296
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

