

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010051.D
 Acq On : 16 Aug 2022 18:21
 Operator : KP/MD
 Sample : N4199-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-081222

Quant Time: Aug 17 05:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

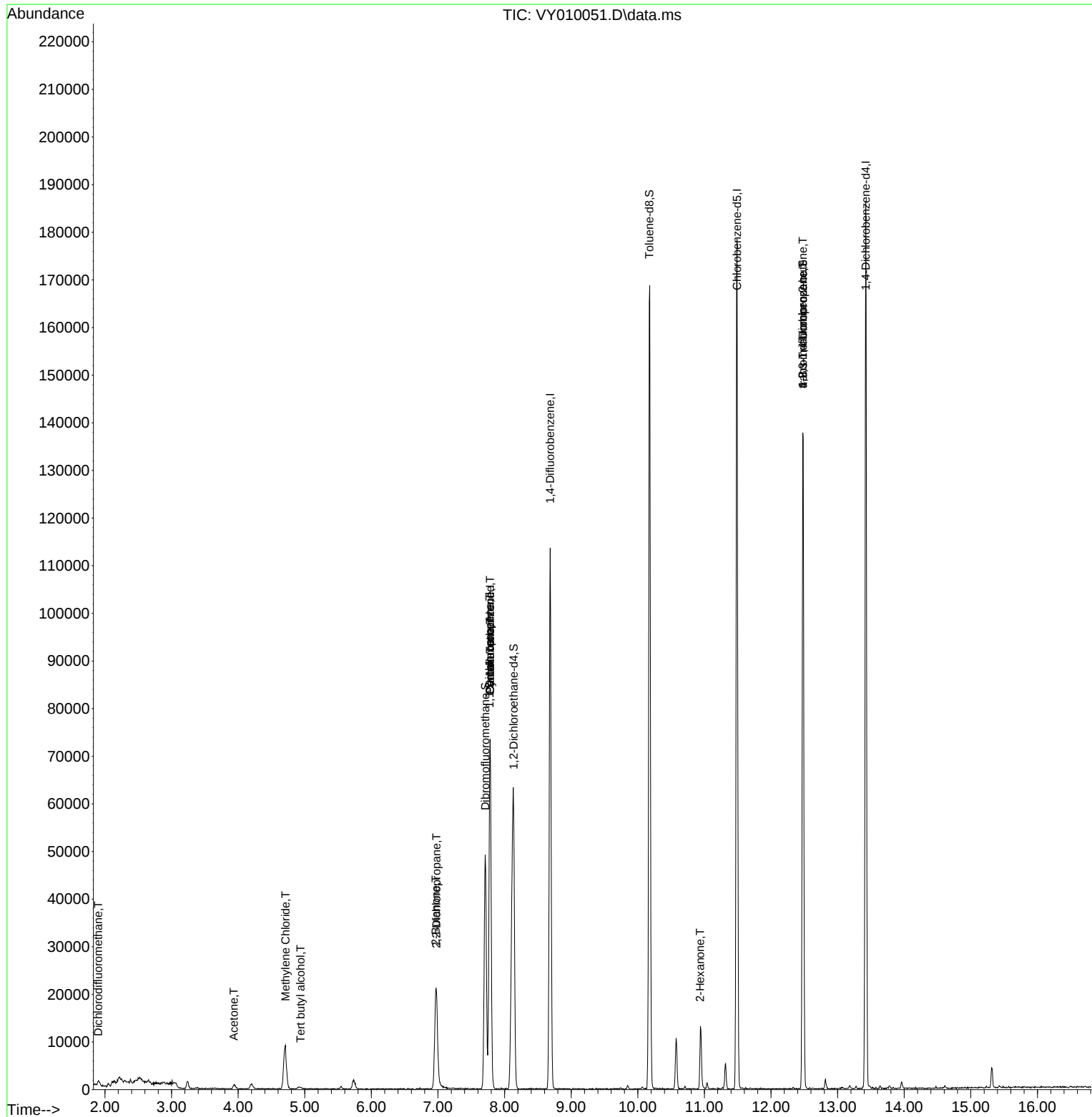
Internal Standards						
1) Pentafluorobenzene	7.783	168	60007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37794	62.991	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.980%			
35) Dibromofluoromethane	7.710	113	33568	53.523	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.040%			
50) Toluene-d8	10.173	98	109988	47.402	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.800%			
62) 4-Bromofluorobenzene	12.477	95	39056	47.922	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.840%			
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	952	1.938	ug/l	93
11) Tert butyl alcohol	4.936	59	789	13.522	ug/l #	74
16) Acetone	3.936	43	1689	13.143	ug/l	90
20) Methylene Chloride	4.710	84	6755	8.570	ug/l	91
25) 2-Butanone	6.966	43	589	3.350	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	1494	1.574	ug/l #	53
31) Cyclohexane	7.783	56	1138	1.342	ug/l #	20
36) 1,1-Dichloropropene	7.777	75	4351	4.980	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5682	5.288	ug/l #	17
59) 2-Hexanone	10.935	43	130	24.484	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	20836	44.884	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20836	101.434	ug/l #	12

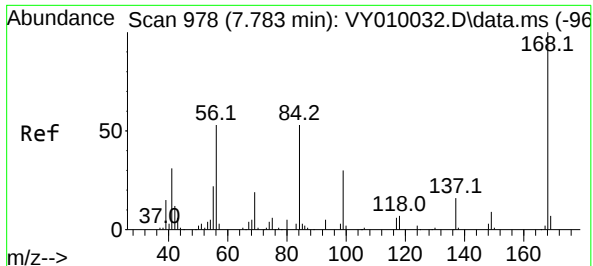
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
Data File : VY010051.D
Acq On : 16 Aug 2022 18:21
Operator : KP/MD
Sample : N4199-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

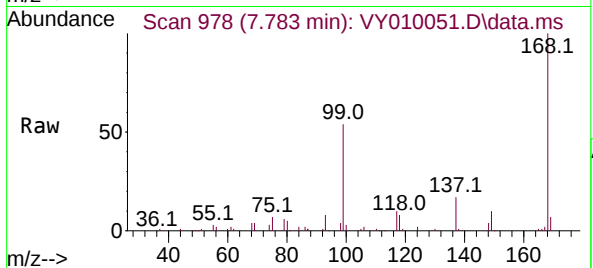
Quant Time: Aug 17 05:14:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
Response via : Initial Calibration



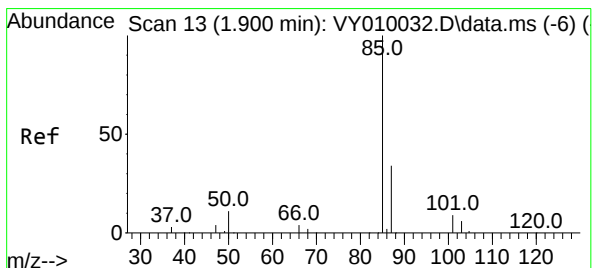
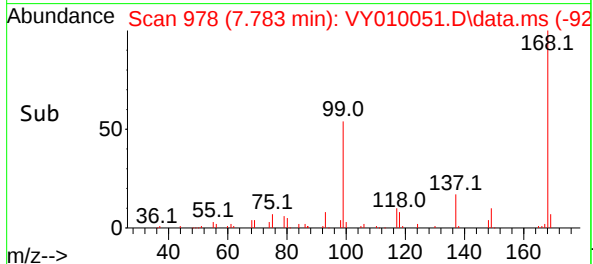
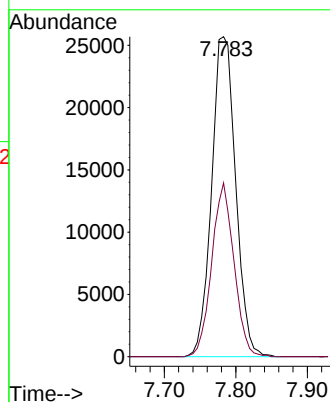


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

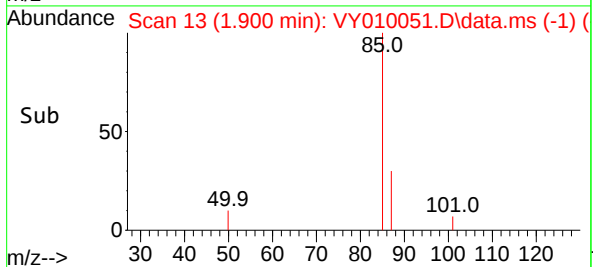
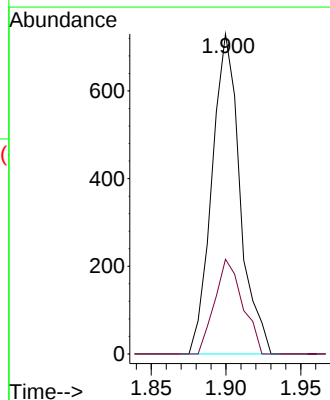
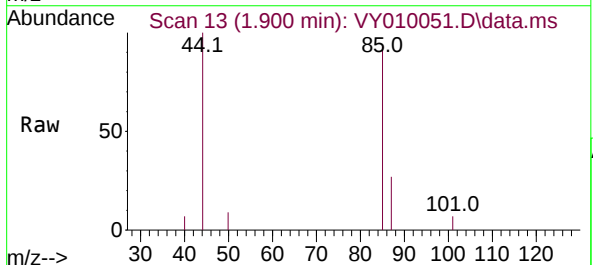


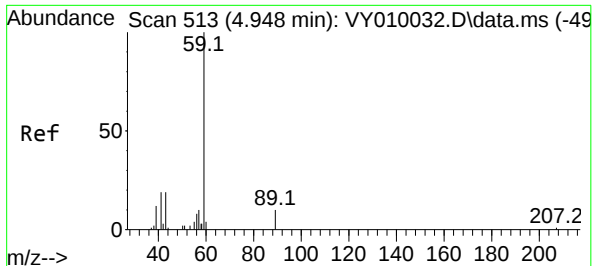
Tgt Ion:168 Resp: 60007
Ion Ratio Lower Upper
168 100
99 54.3 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 1.938 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 85 Resp: 952
Ion Ratio Lower Upper
85 100
87 29.6 16.9 50.7





#11

Tert butyl alcohol

Concen: 13.522 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

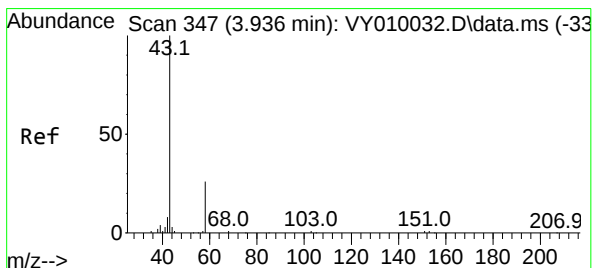
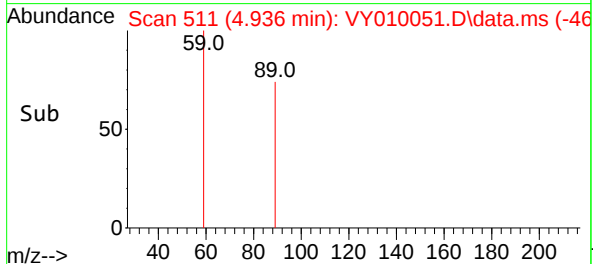
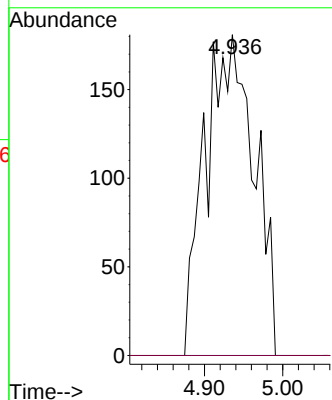
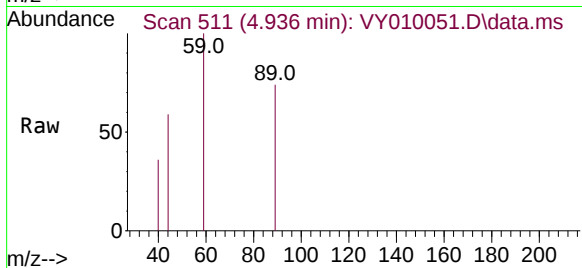
HD-02-081222

Tgt Ion: 59 Resp: 789

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 13.143 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY010051.D

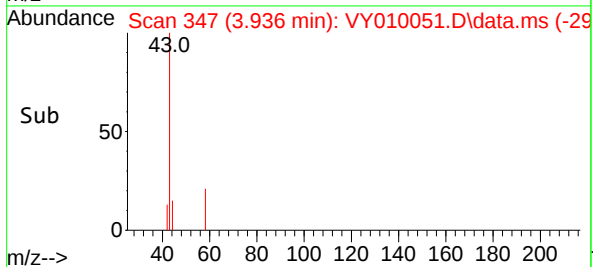
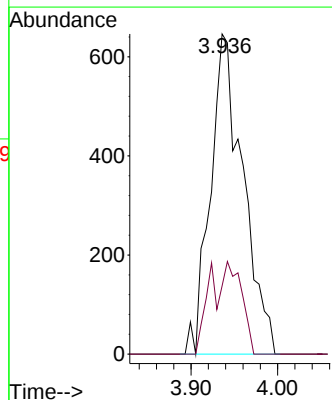
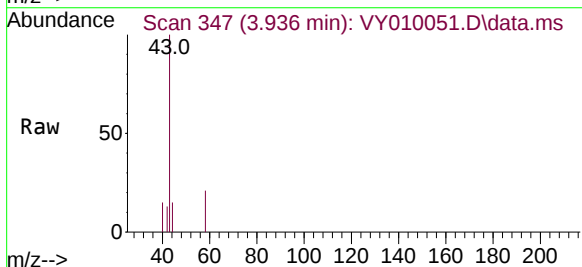
Acq: 16 Aug 2022 18:21

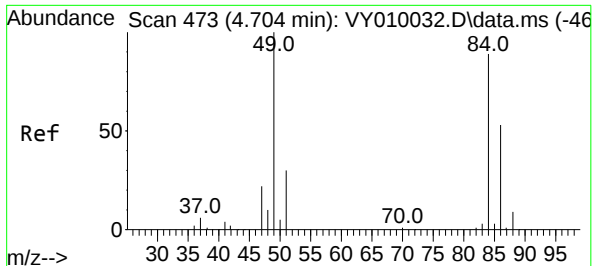
Tgt Ion: 43 Resp: 1689

Ion Ratio Lower Upper

43 100

58 21.4 21.4 32.0

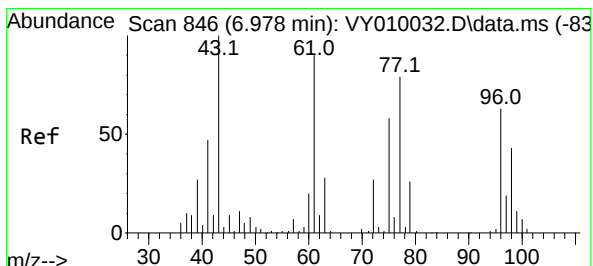
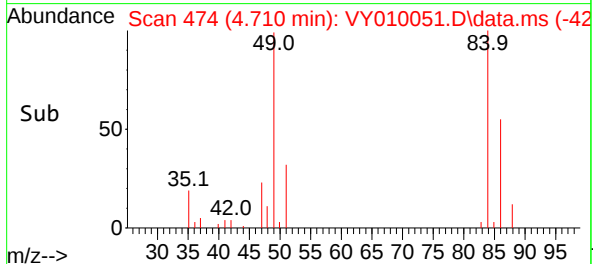
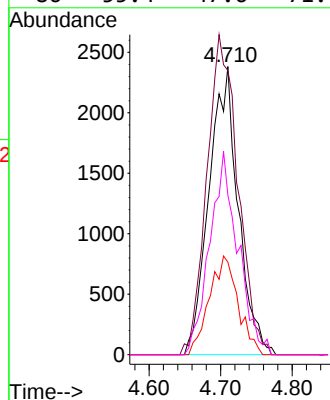
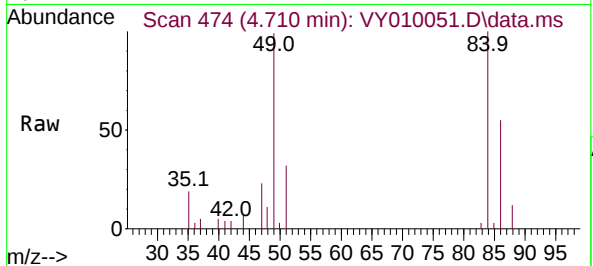




#20
Methylene Chloride
Concen: 8.570 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

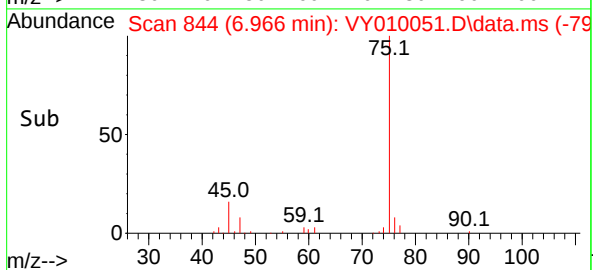
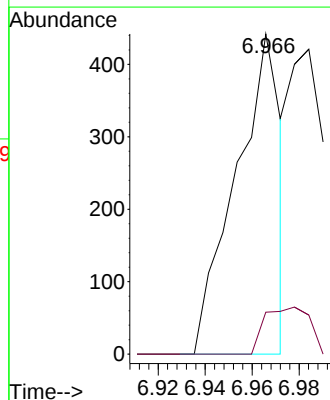
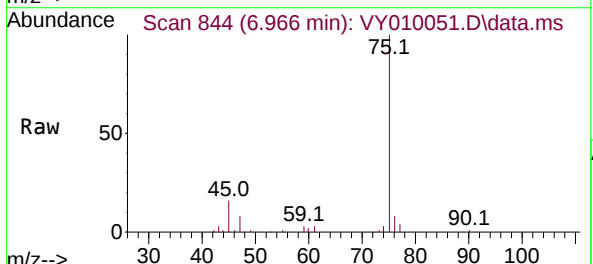
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

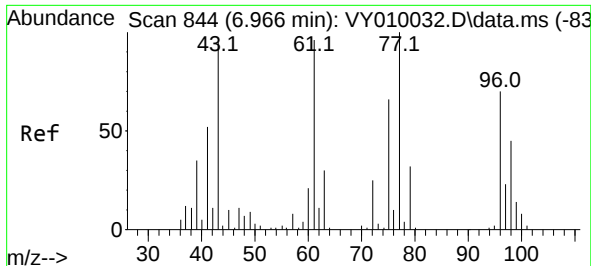
Tgt Ion: 84	Resp: 6755
Ion Ratio	Lower Upper
84 100	
49 98.6	89.5 134.3
51 32.1	26.8 40.2
86 55.4	47.6 71.4



#25
2-Butanone
Concen: 3.350 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 43	Resp: 589		
Ion Ratio	Lower	Upper	
43 100			
72 13.1	21.7	32.5#	





#26

2,2-Dichloropropane

Concen: 1.574 ug/l

RT: 6.978 min Scan# 844

Delta R.T. 0.012 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

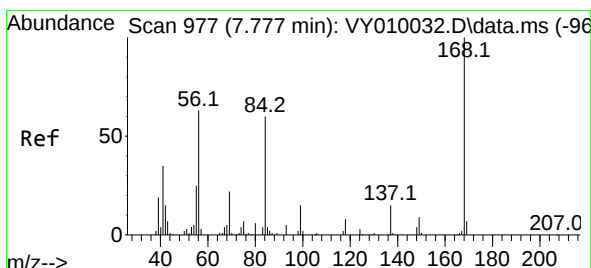
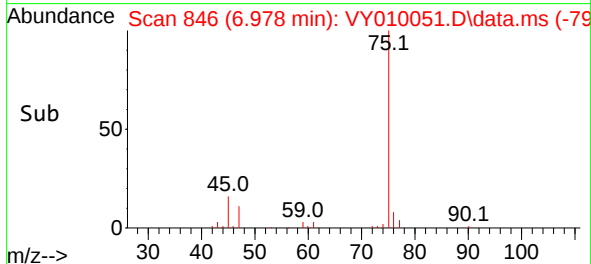
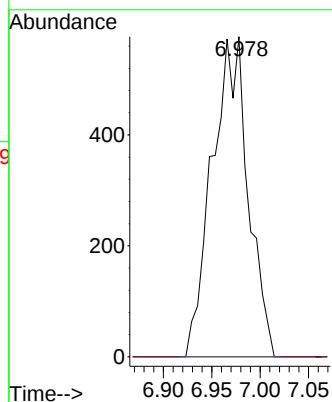
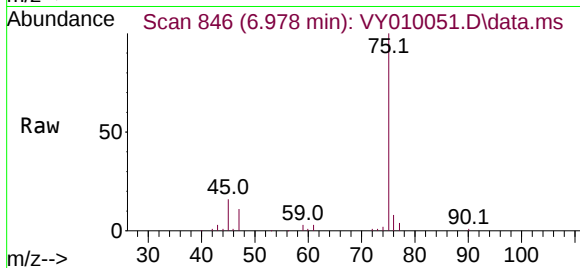
HD-02-081222

Tgt Ion: 77 Resp: 1494

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#31

Cyclohexane

Concen: 1.342 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

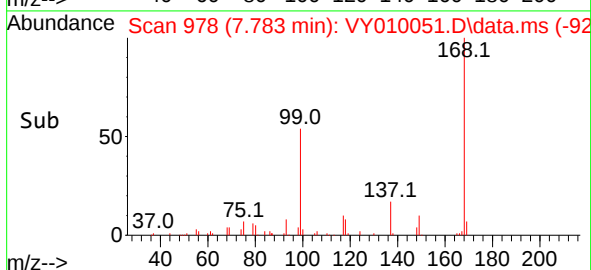
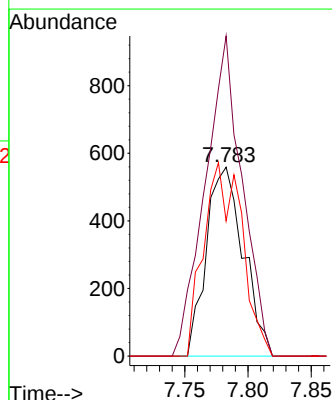
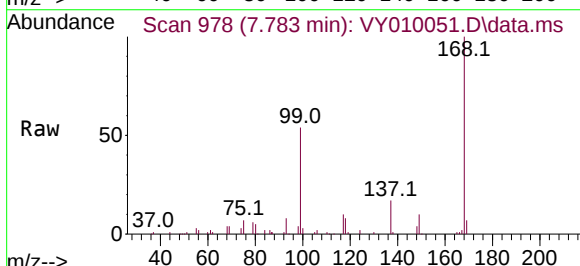
Tgt Ion: 56 Resp: 1138

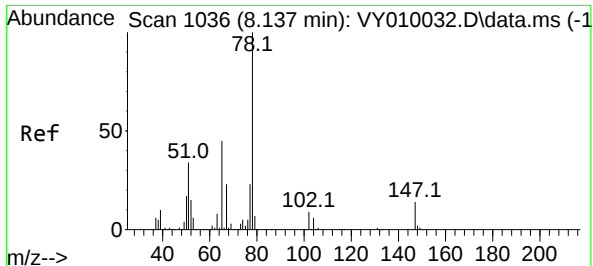
Ion Ratio Lower Upper

56 100

69 169.4 28.6 43.0#

84 71.6 76.0 114.0#





#33

1,2-Dichloroethane-d4

Concen: 62.991 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

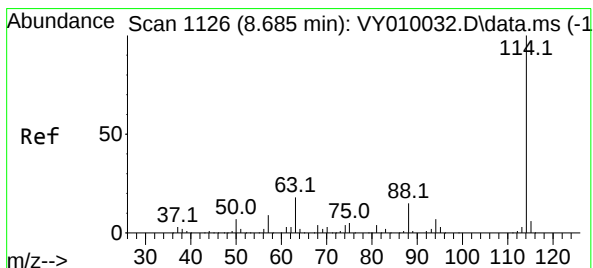
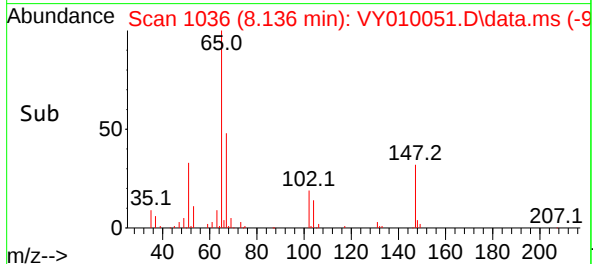
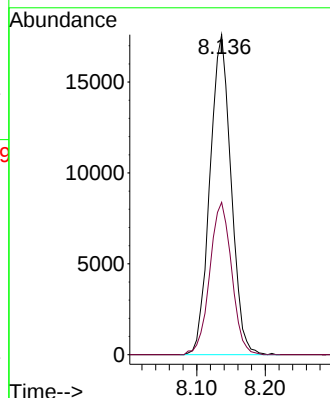
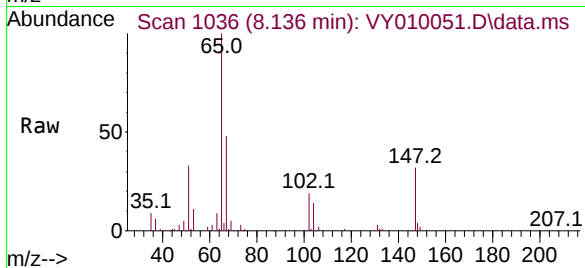
HD-02-081222

Tgt Ion: 65 Resp: 37794

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

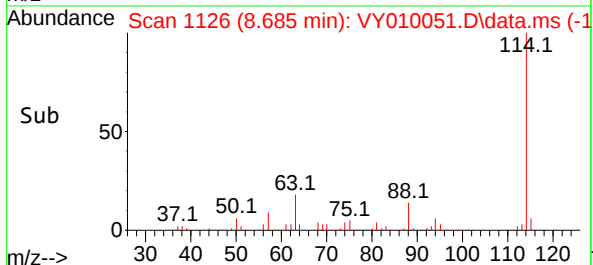
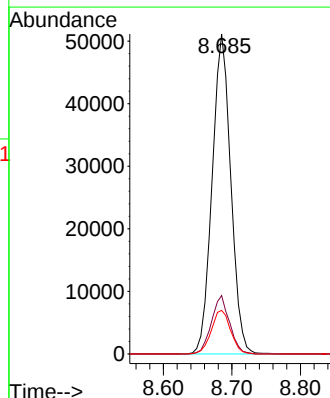
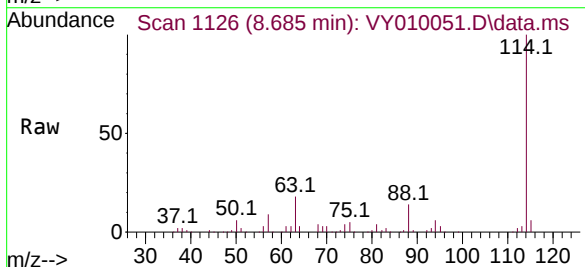
Tgt Ion: 114 Resp: 96710

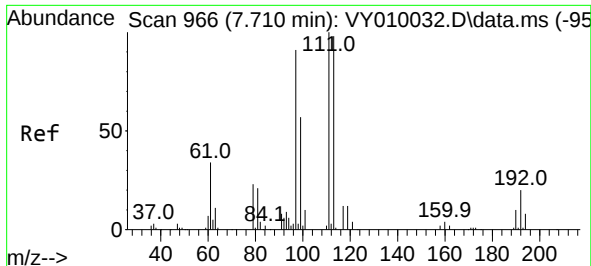
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

88 13.6 0.0 30.2

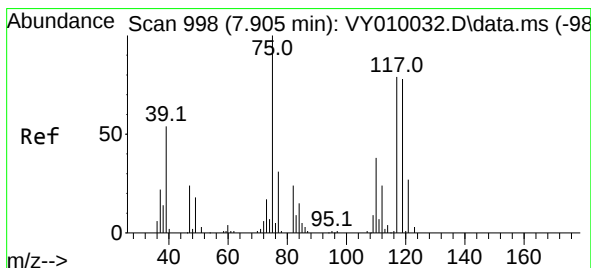
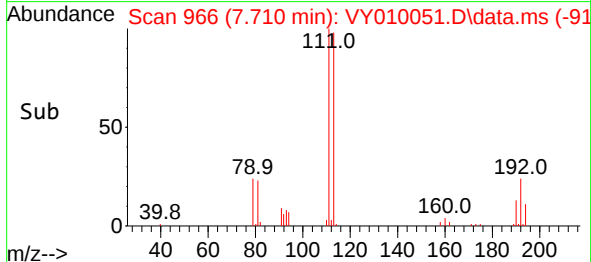
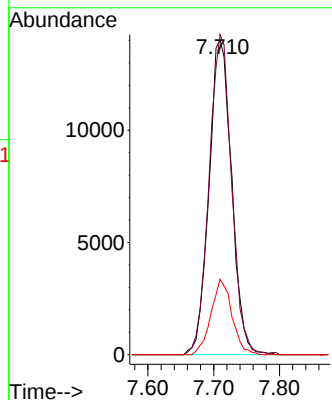
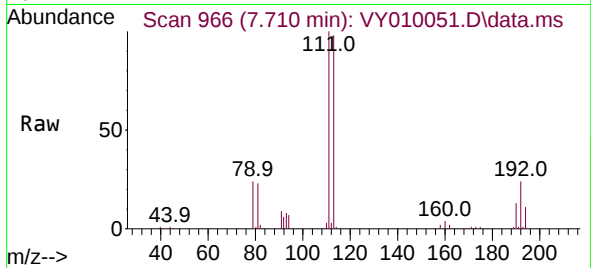




#35
Dibromofluoromethane
Concen: 53.523 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

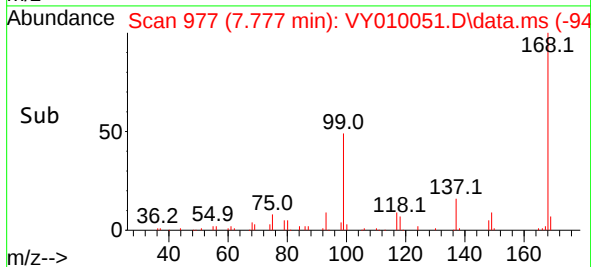
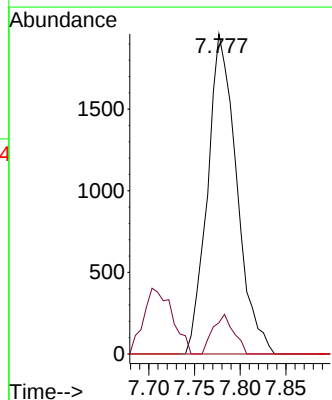
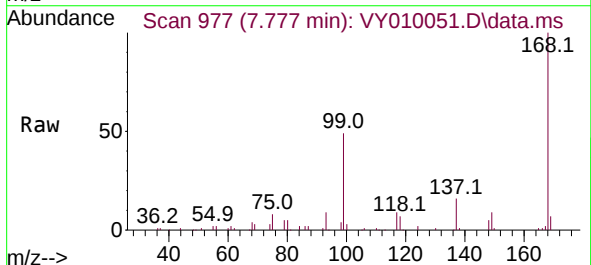
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

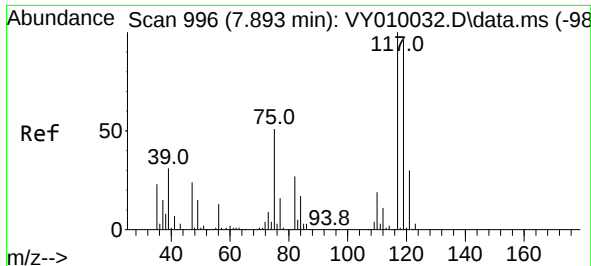
Tgt Ion:113 Resp: 33568
Ion Ratio Lower Upper
113 100
111 101.4 82.7 124.1
192 22.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.980 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 75 Resp: 4351
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.4#
77 0.0 24.6 36.8#

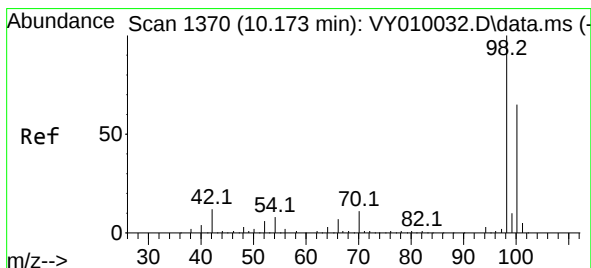
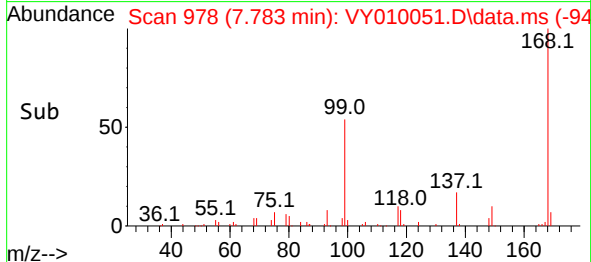
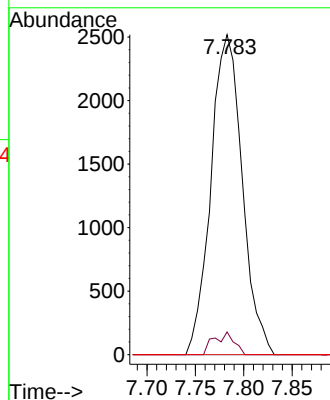
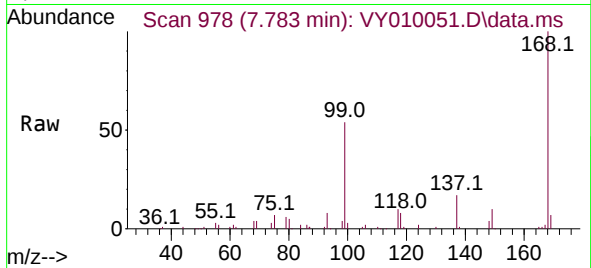




#38
Carbon Tetrachloride
Concen: 5.288 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

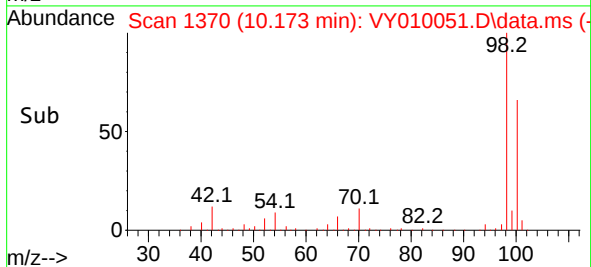
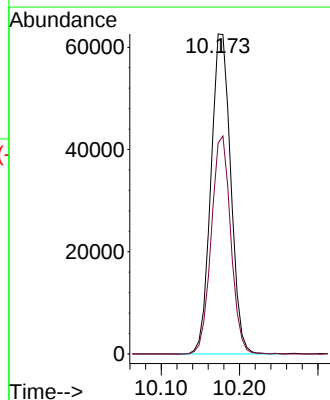
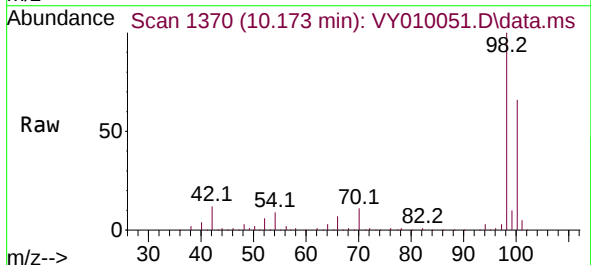
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

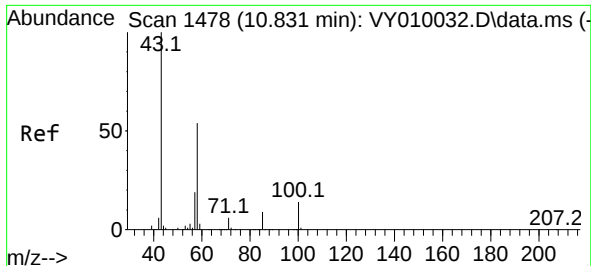
Tgt Ion:117 Resp: 5682
Ion Ratio Lower Upper
117 100
119 7.1 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.402 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 98 Resp: 109988
Ion Ratio Lower Upper
98 100
100 66.9 52.1 78.1

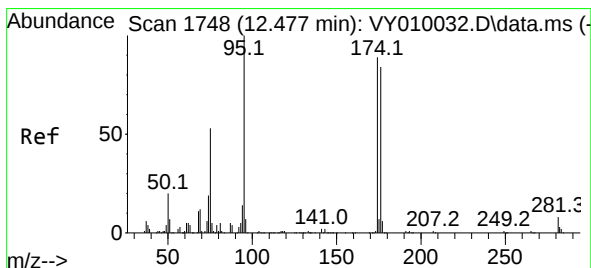
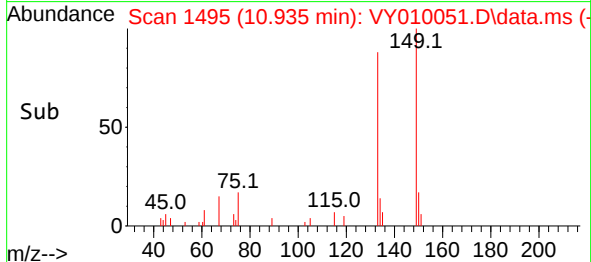
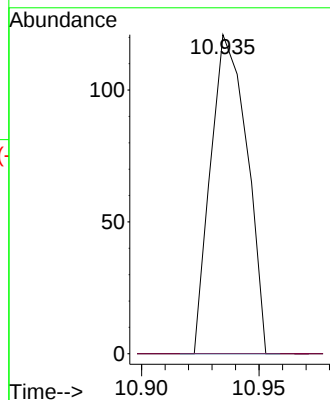
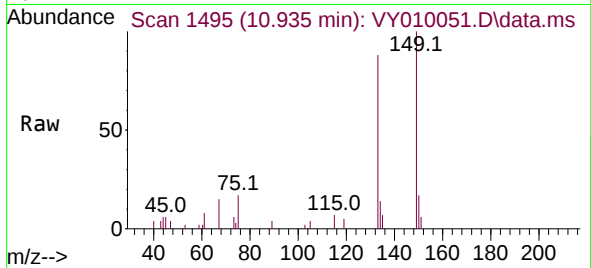




#59
2-Hexanone
Concen: 24.484 ug/l
RT: 10.935 min Scan# 1478
Delta R.T. 0.104 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

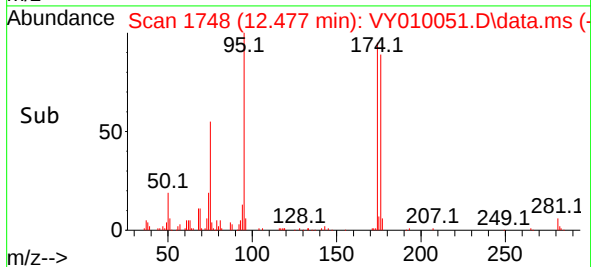
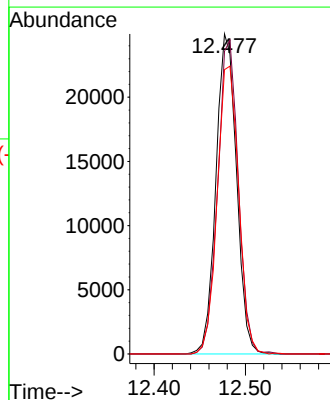
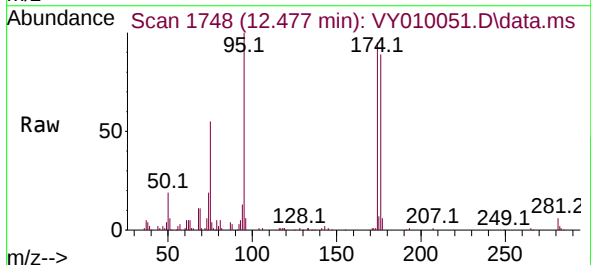
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

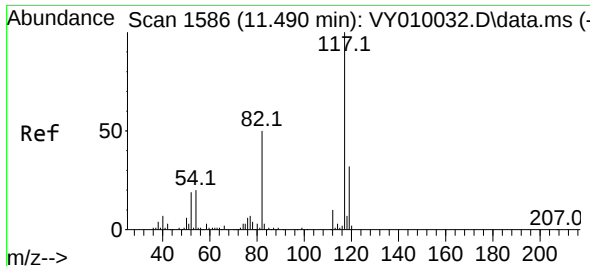
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 47.922 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 95 Resp: 39056
Ion Ratio Lower Upper
95 100
174 98.1 0.0 184.2
176 93.8 0.0 178.4

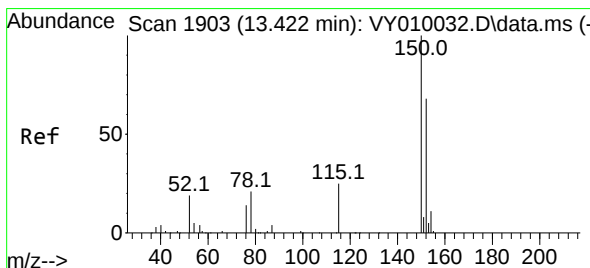
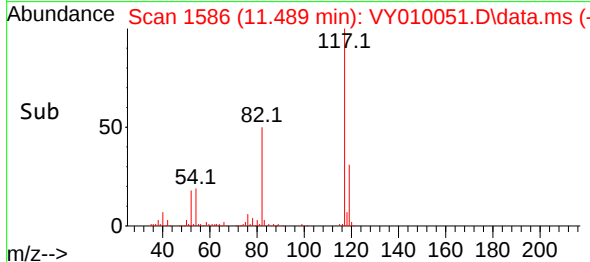
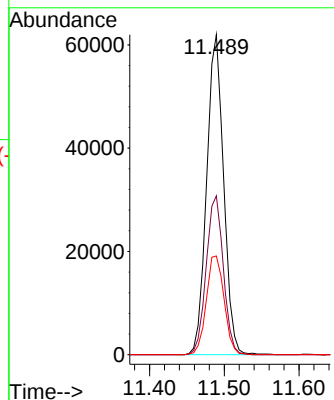
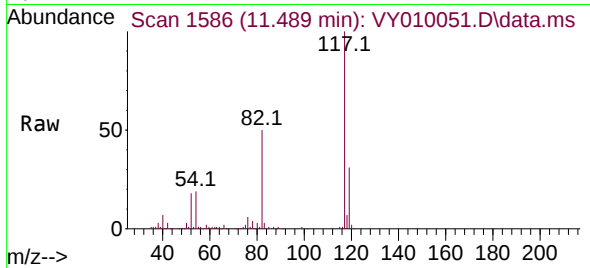




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

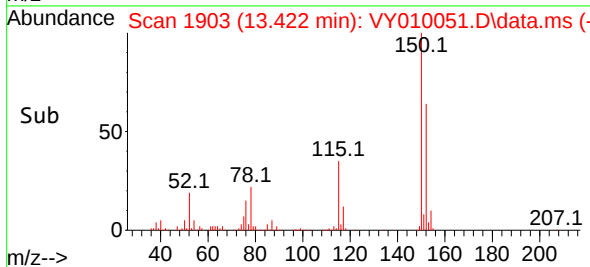
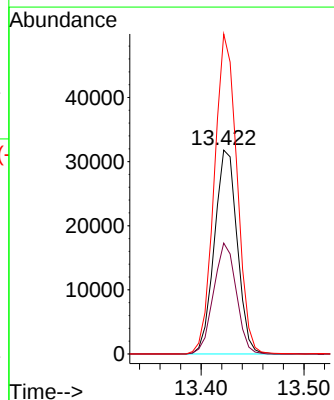
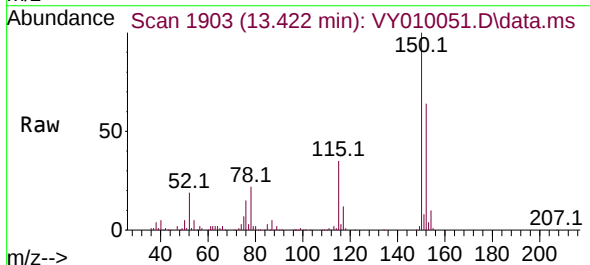
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

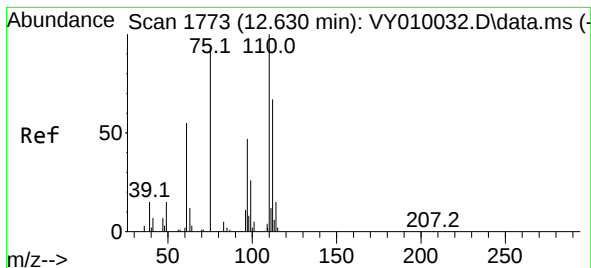
Tgt Ion:117	Resp:	97814
Ion	Ratio	Lower Upper
117	100	
82	49.7	39.8 59.6
119	30.9	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion:152	Resp:	48973
Ion	Ratio	Lower Upper
152	100	
115	54.0	28.1 84.3
150	156.1	0.0 346.6

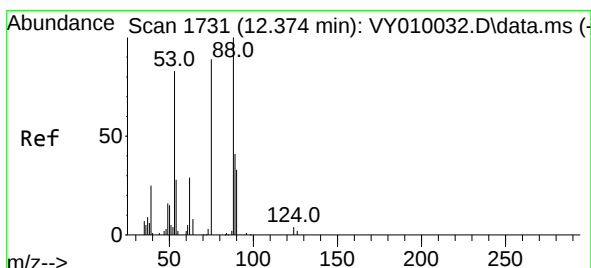
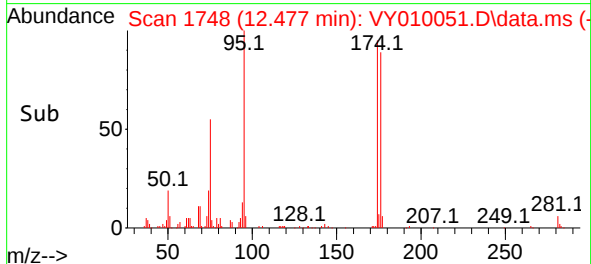
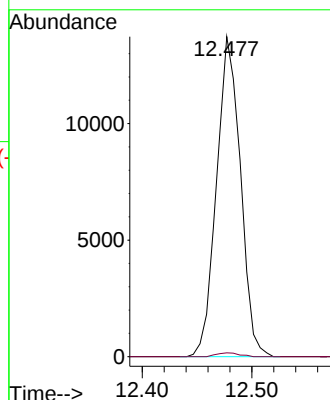
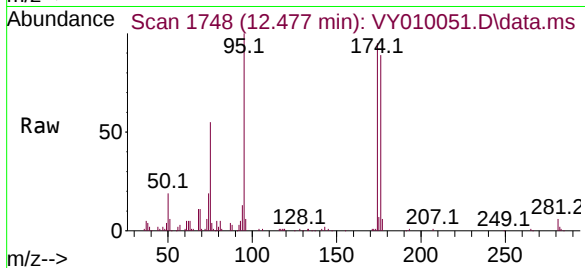




#76
1,2,3-Trichloropropane
Concen: 44.884 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

Tgt Ion: 75 Resp: 20836
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.434 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 75 Resp: 20836
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#

