

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009293.D
 Acq On : 23 Jun 2022 14:26
 Operator : KP/MD
 Sample : N3450-04
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-19

Quant Time: Jun 24 09:23:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	116205	52.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.020%
35) Dibromofluoromethane	7.710	113	107684	47.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.179	98	425877	48.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.477	95	144773	46.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.880%

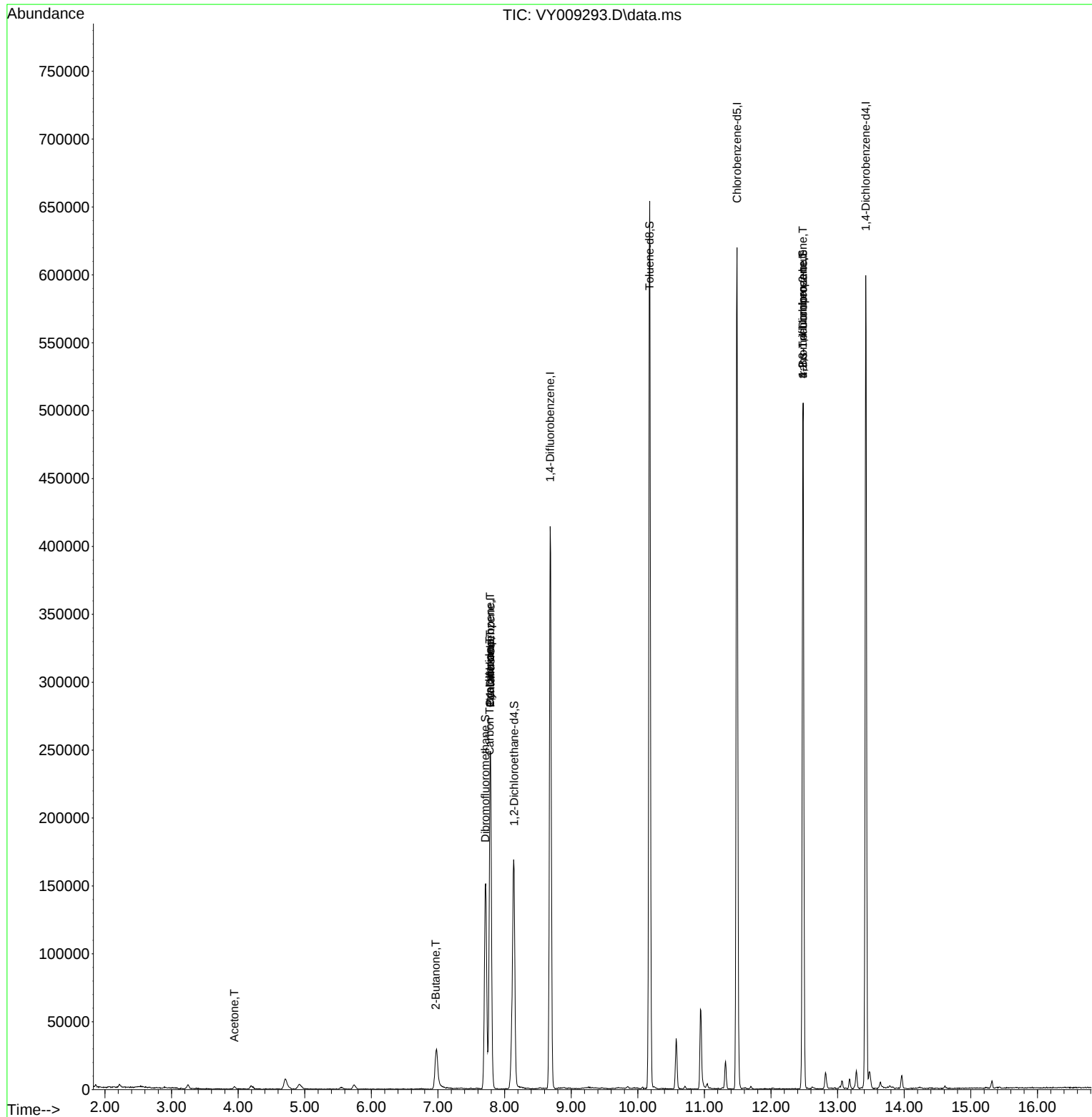
Target Compounds					Qvalue
11) Tert butyl alcohol	4.917	59	4404	Below Cal	# 77
16) Acetone	3.942	43	2871	5.251	ug/l # 75
18) Methyl Acetate	4.472	43	117	Below Cal	# 56
20) Methylene Chloride	4.710	84	5313	Below Cal	# 85
25) 2-Butanone	6.966	43	1833	2.076	ug/l # 81
31) Cyclohexane	7.783	56	4507	1.173	ug/l # 29
36) 1,1-Dichloropropene	7.783	75	16086	4.626	ug/l # 50
38) Carbon Tetrachloride	7.777	117	19364	5.356	ug/l # 16
76) 1,2,3-Trichloropropane	12.477	75	75154	42.160	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	75154	89.394	ug/l # 7

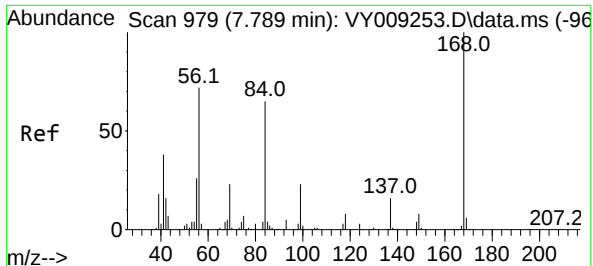
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

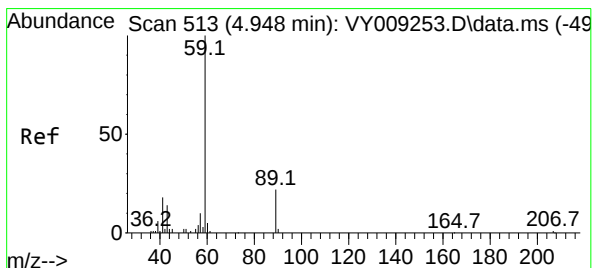
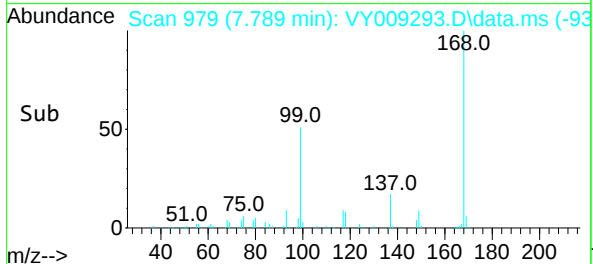
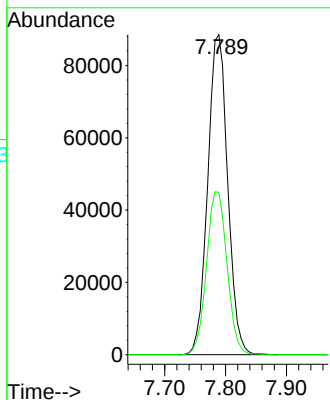
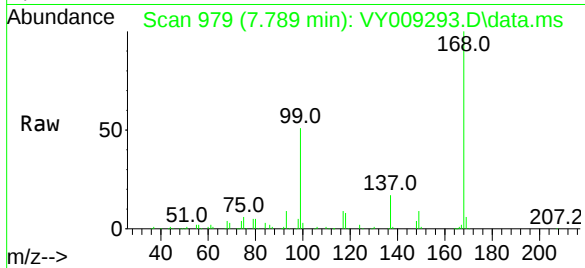




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

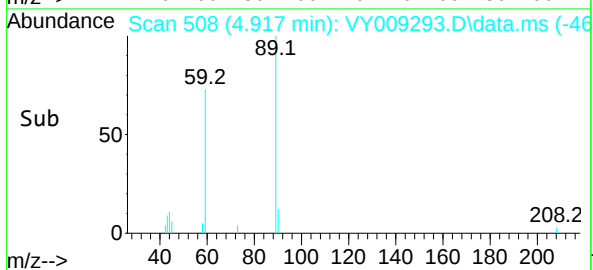
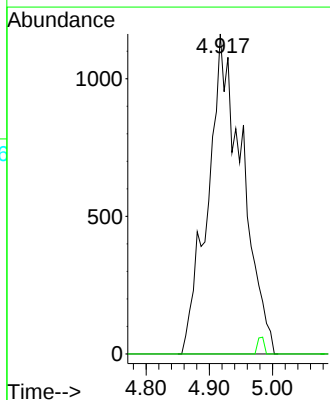
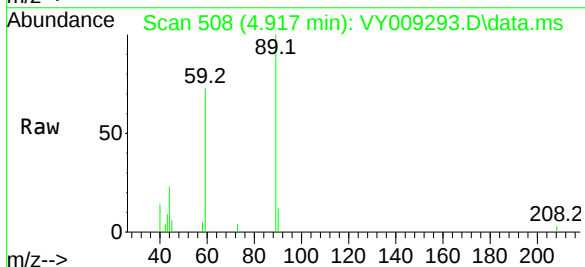
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-19

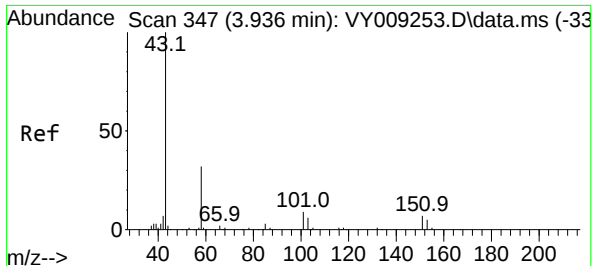
Tgt Ion:168 Resp: 201493
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Tgt Ion: 59 Resp: 4404
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

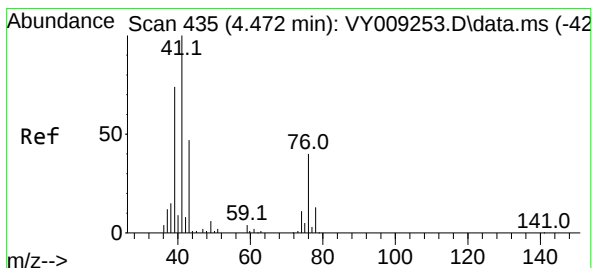
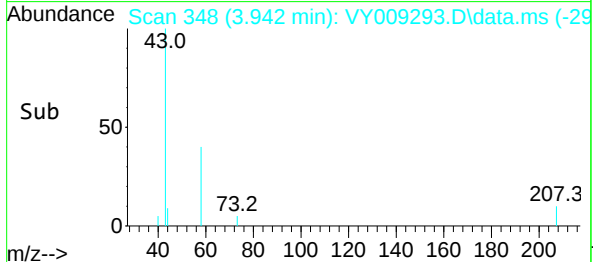
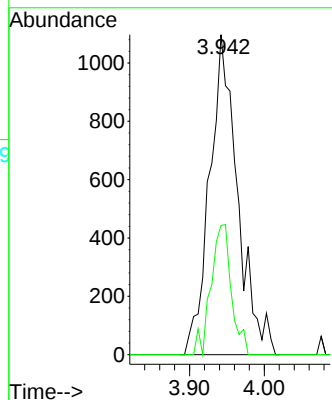
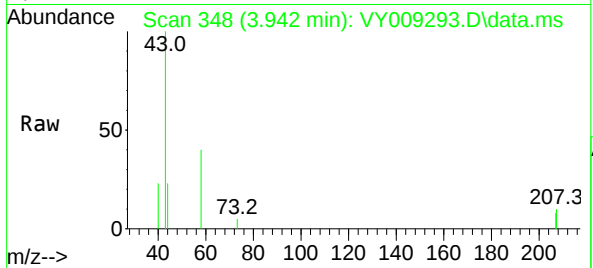




#16
Acetone
Concen: 5.251 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

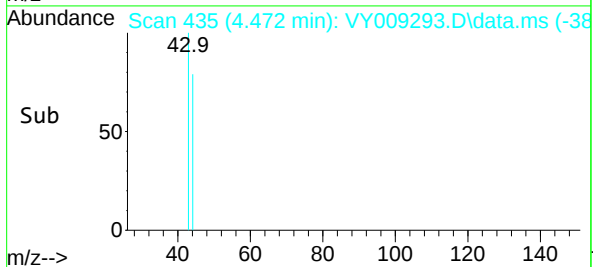
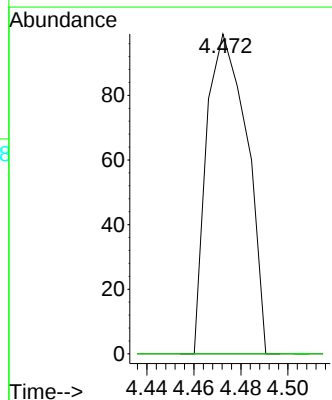
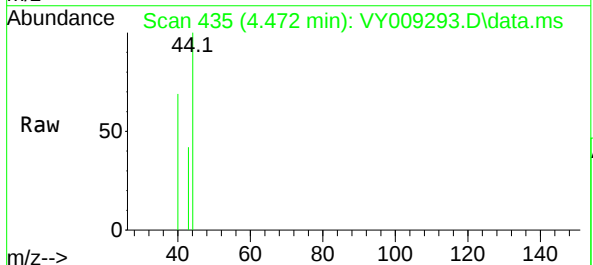
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-19

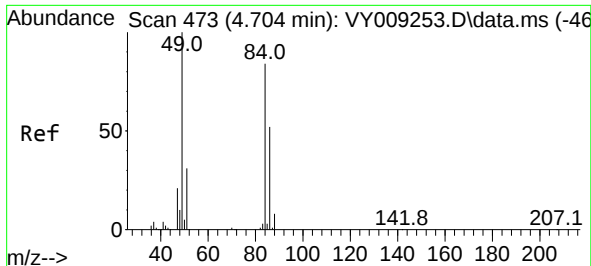
Tgt Ion: 43 Resp: 2871
Ion Ratio Lower Upper
43 100
58 40.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

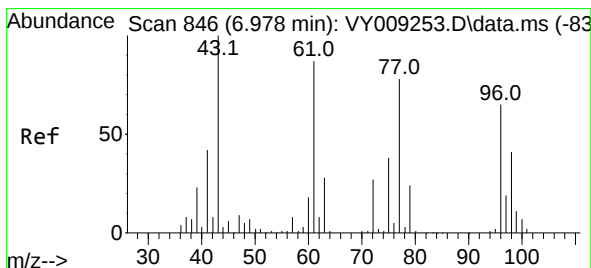
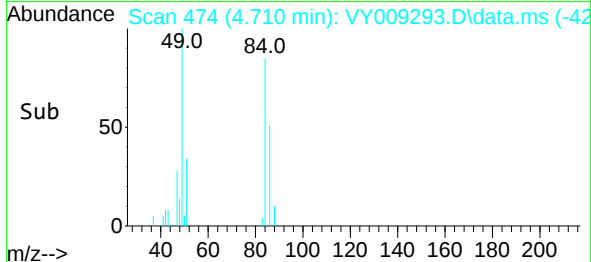
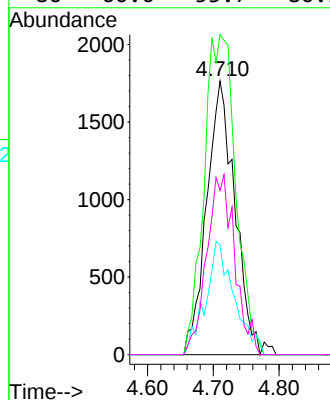
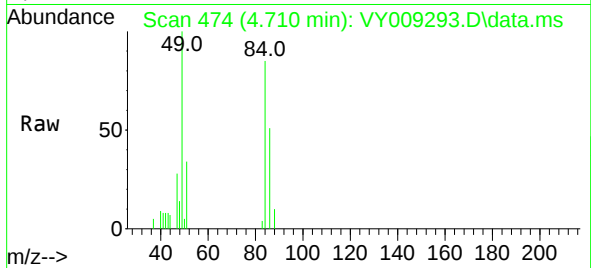




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

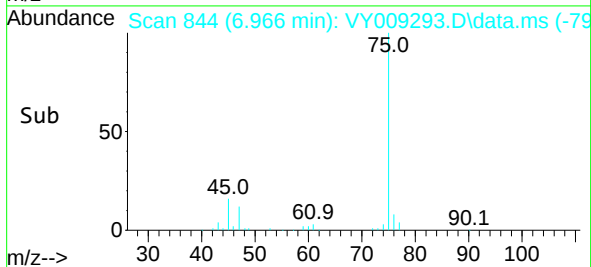
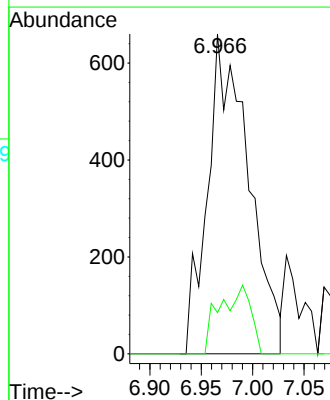
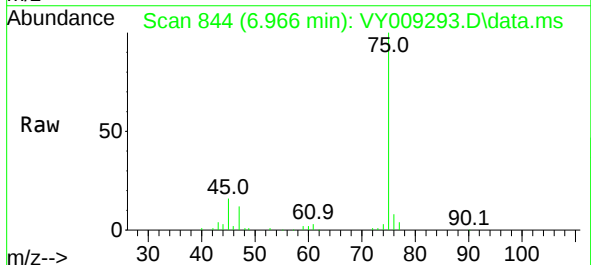
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-19

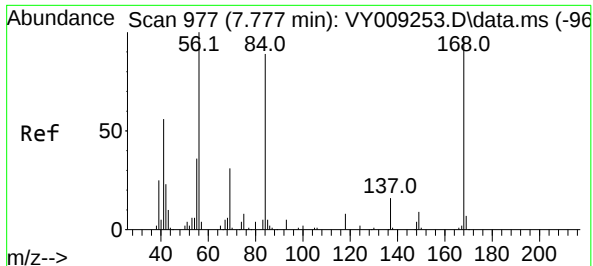
Tgt Ion:	84	Resp:	5313
Ion	Ratio	Lower	Upper
84	100		
49	117.0	114.4	171.6
51	40.1	35.3	52.9
86	60.0	53.7	80.5



#25
2-Butanone
Concen: 2.076 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

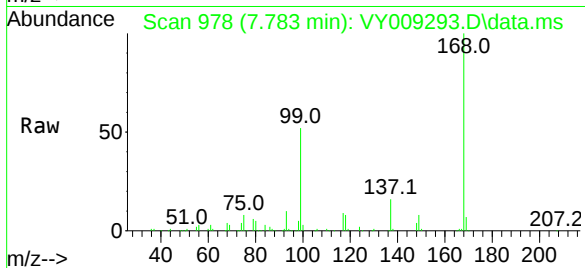
Tgt Ion:	43	Resp:	1833
Ion	Ratio	Lower	Upper
43	100		
72	12.9	17.7	26.5#



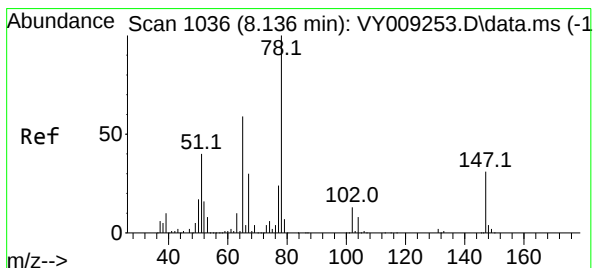
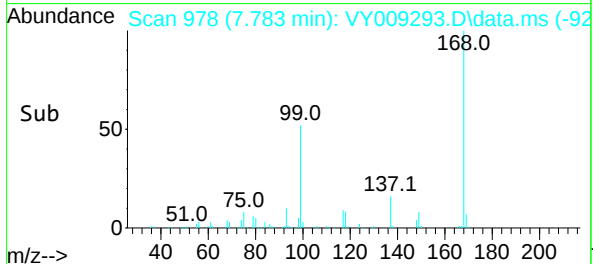
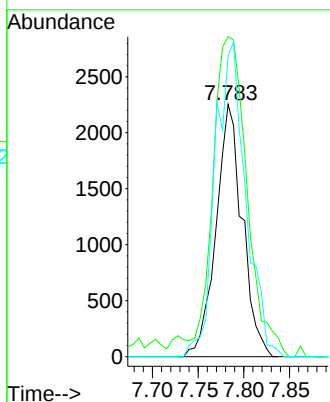


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-19

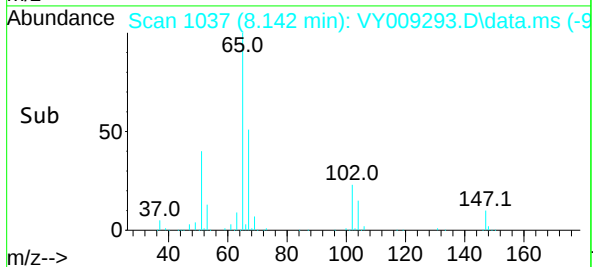
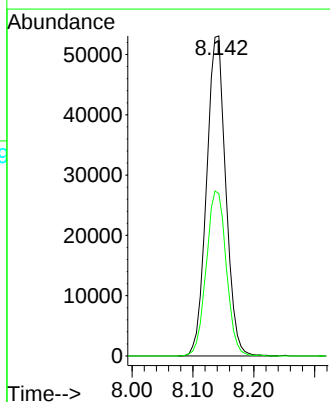
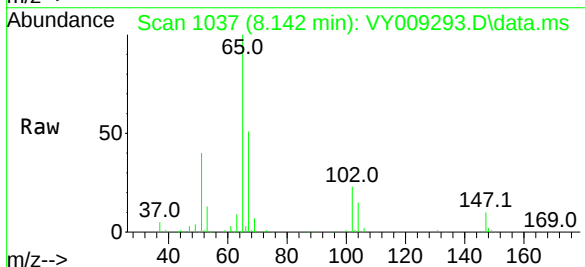


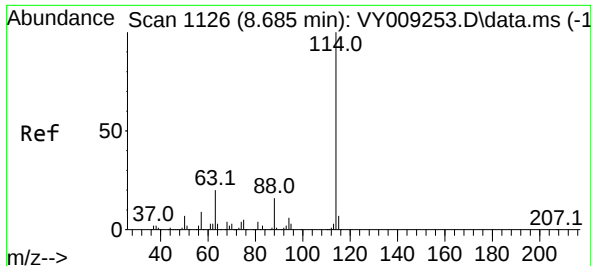
Tgt Ion: 56 Resp: 4507
Ion Ratio Lower Upper
56 100
69 119.3 26.7 40.1#
84 119.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.512 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Tgt Ion: 65 Resp: 116205
Ion Ratio Lower Upper
65 100
67 53.8 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: VY009293.D

Acq: 23 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-19

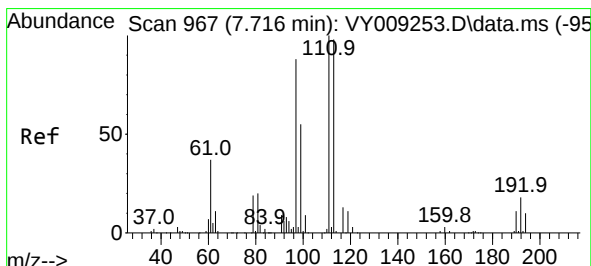
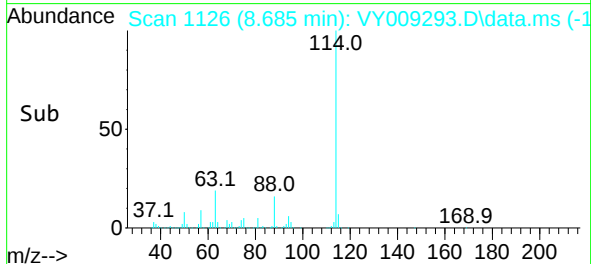
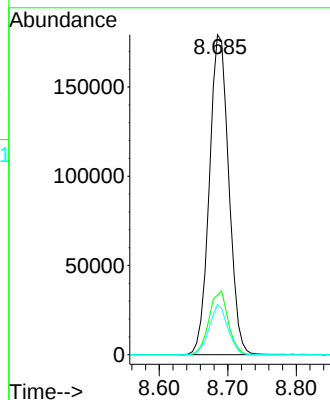
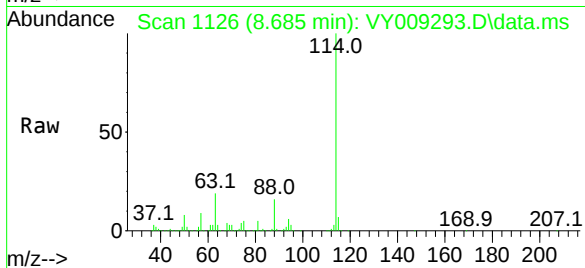
Tgt Ion:114 Resp: 352791

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.132 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009293.D

Acq: 23 Jun 2022 14:26

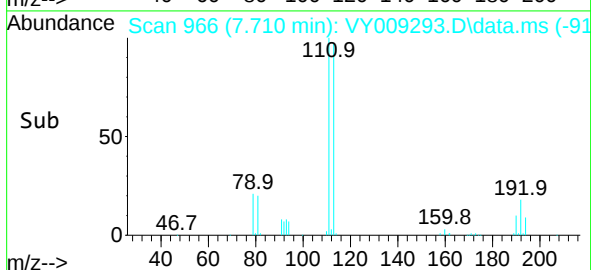
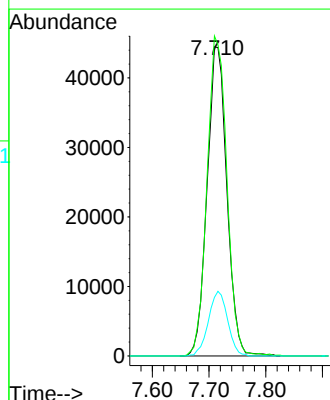
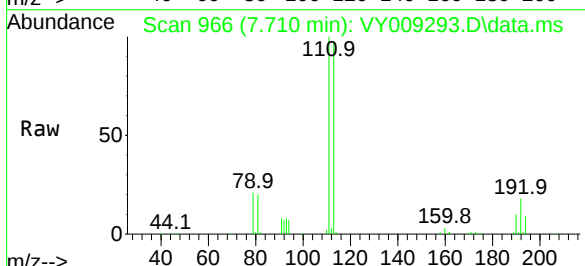
Tgt Ion:113 Resp: 107684

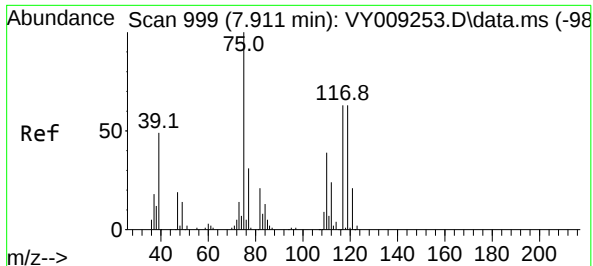
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 20.3 17.6 26.4

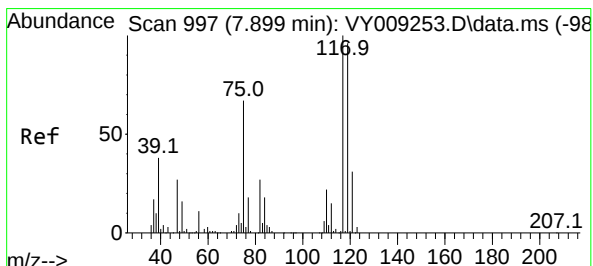
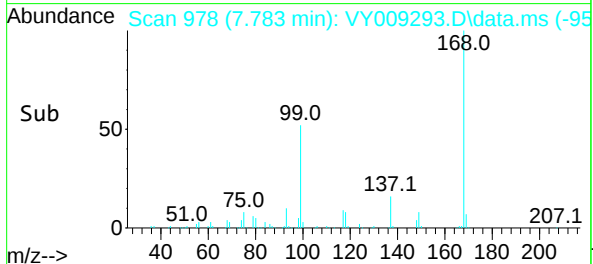
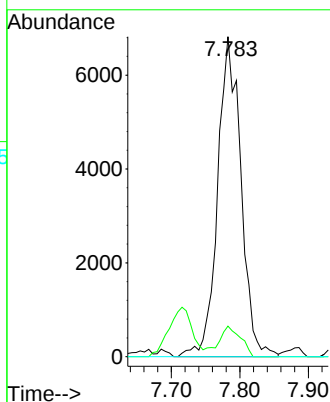
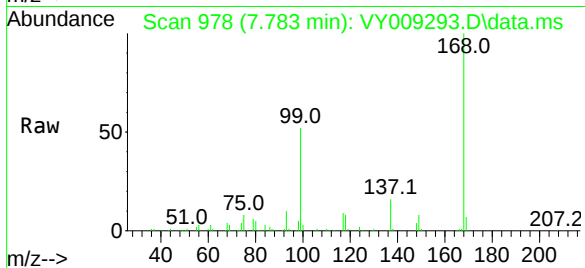




#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

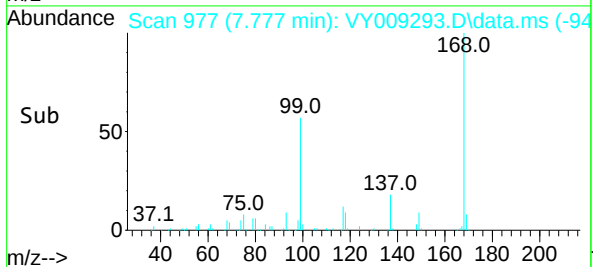
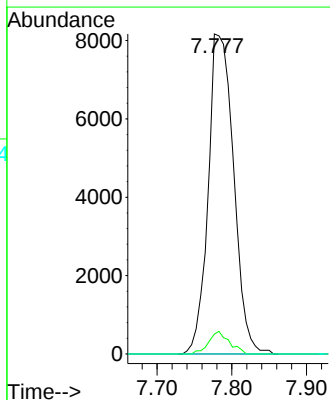
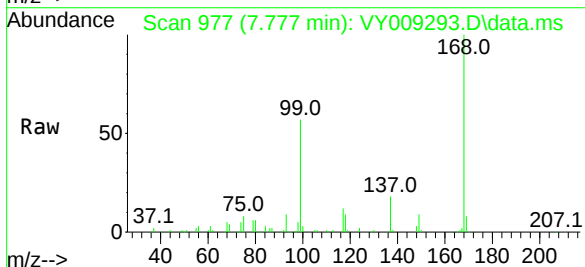
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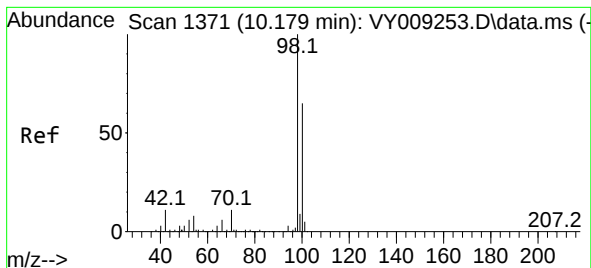
Tgt Ion: 75 Resp: 16086
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.122 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Tgt Ion: 117 Resp: 19364
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#

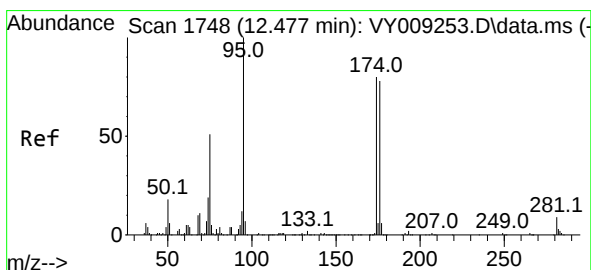
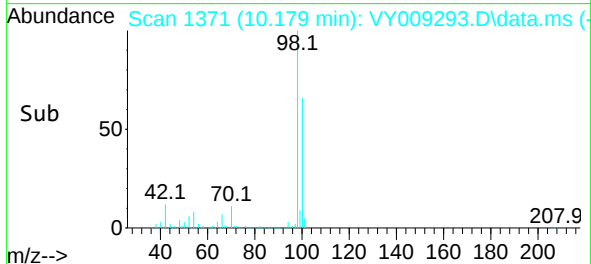
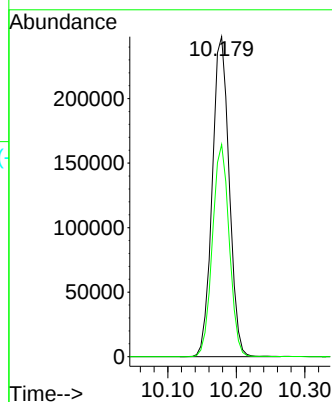
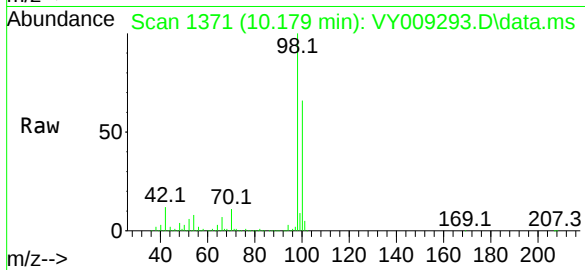




#50
Toluene-d8
Concen: 48.523 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

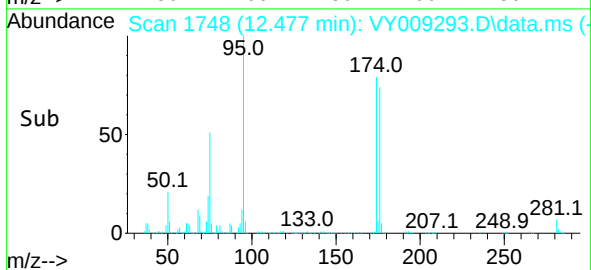
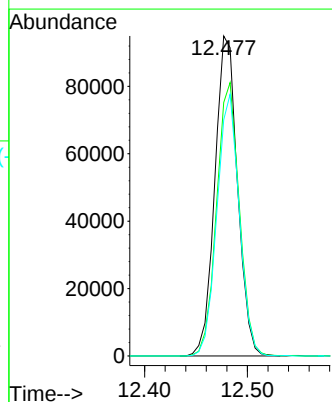
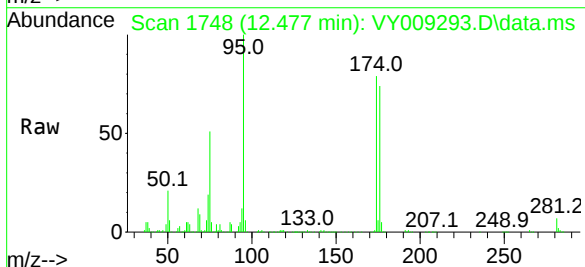
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-19

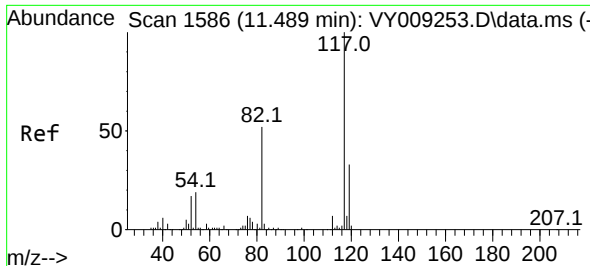
Tgt Ion: 98 Resp: 425877
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Tgt Ion: 95 Resp: 144773
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 80.8 0.0 175.8

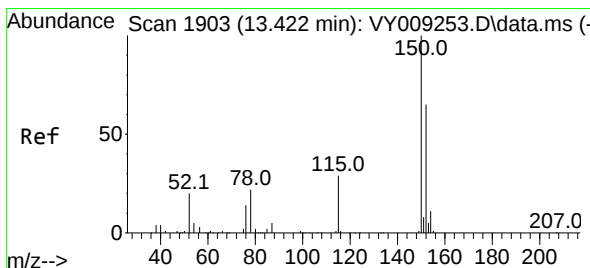
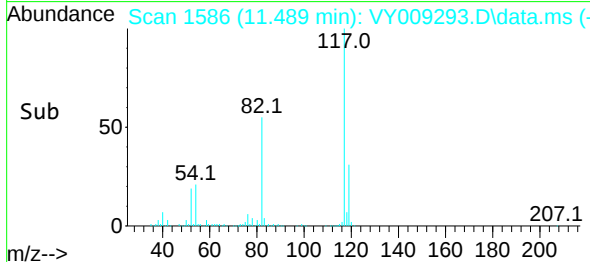
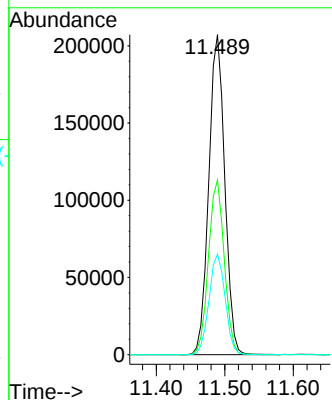
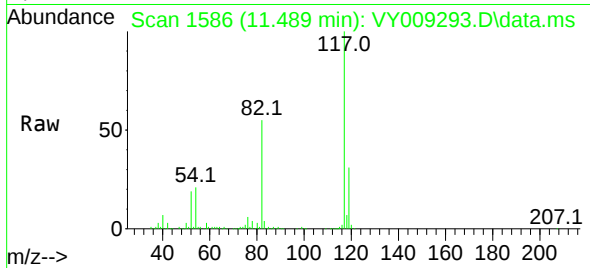




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

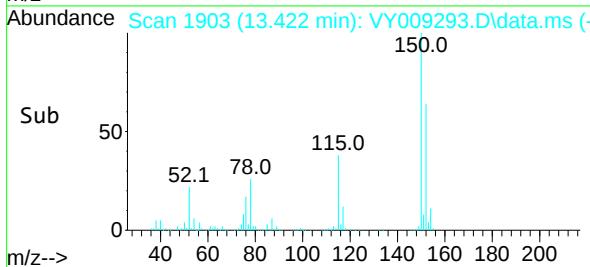
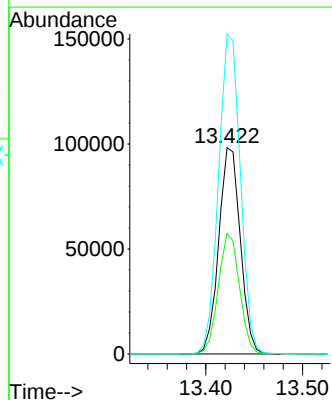
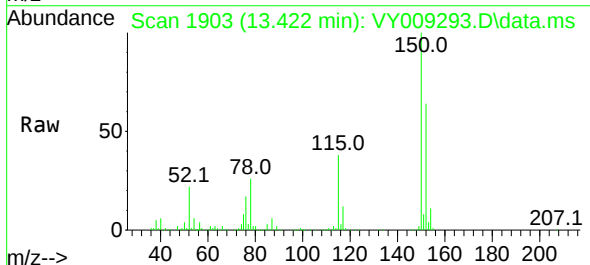
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-19

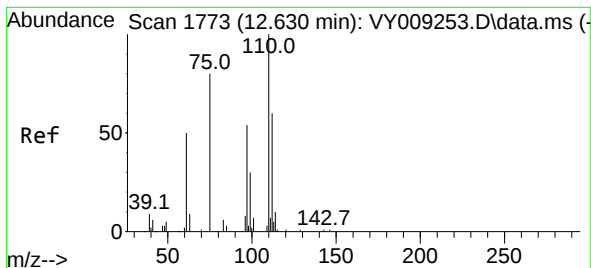
Tgt Ion:117 Resp: 336147
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009293.D
Acq: 23 Jun 2022 14:26

Tgt Ion:152 Resp: 152045
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.4 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 42.160 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009293.D

Acq: 23 Jun 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

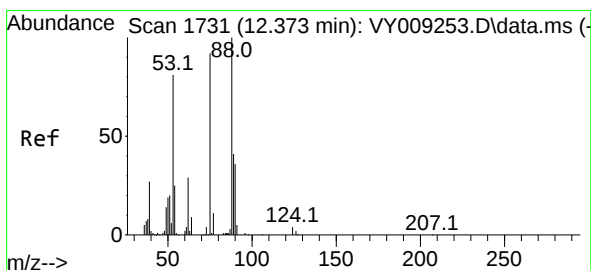
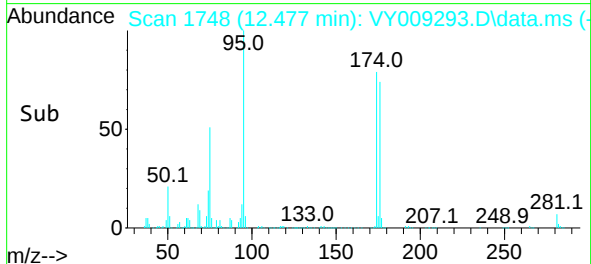
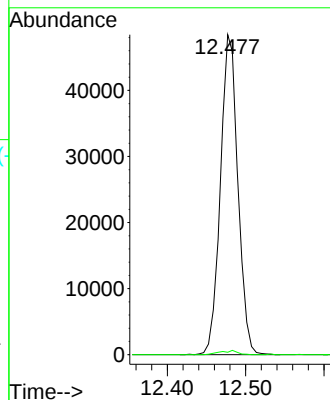
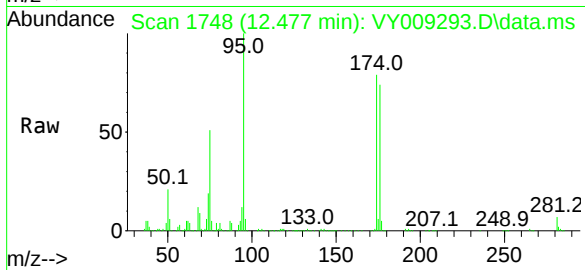
PH1-BOT-19

Tgt Ion: 75 Resp: 75154

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 89.394 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY009293.D

Acq: 23 Jun 2022 14:26

Tgt Ion: 75 Resp: 75154

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.1 37.0 55.4#

