

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008872.D
 Acq On : 19 May 2022 16:58
 Operator : KP/MD
 Sample : N2841-07
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS003-1218-01

Quant Time: May 20 02:52:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

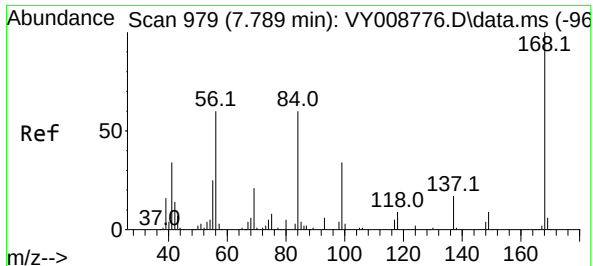
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	130528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92081	76.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.080%
35) Dibromofluoromethane	7.716	113	76598	54.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.880%
50) Toluene-d8	10.179	98	297085	48.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.483	95	90126	41.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	342	Below Cal	#	70
3) Chloromethane	2.119	50	160	Below Cal	#	44
4) Vinyl Chloride	2.223	62	46	Below Cal	#	43
5) Bromomethane	2.637	94	25	Below Cal	#	50
6) Chloroethane	2.528	64	29	Below Cal	#	43
7) Trichlorofluoromethane	3.137	101	25	Below Cal	#	21
11) Tert butyl alcohol	4.942	59	244	1.823	ug/l #	77
18) Methyl Acetate	4.277	43	21	Below Cal	#	56
20) Methylene Chloride	4.716	84	2815	Below Cal	#	87
25) 2-Butanone	6.996	43	1411	2.777	ug/l #	74
31) Cyclohexane	7.783	56	3405	Below Cal	#	18
36) 1,1-Dichloropropene	7.789	75	11323	5.071	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12952	5.413	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51420	43.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51420	95.535	ug/l #	7

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

Quant Time: May 20 02:52:54 2022
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Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

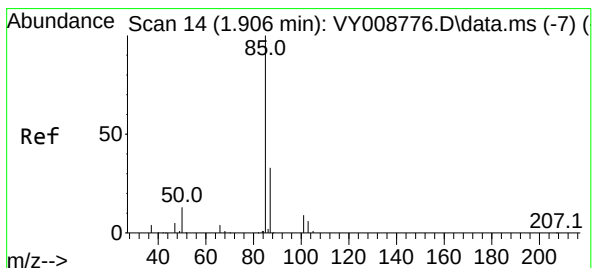
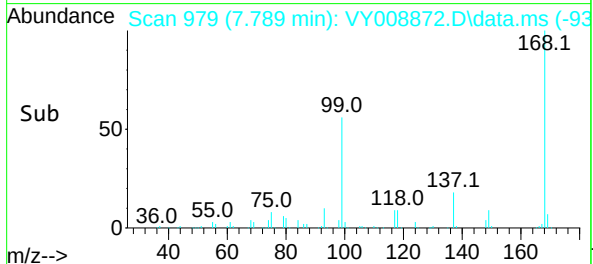
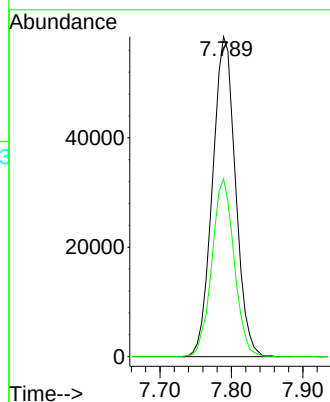
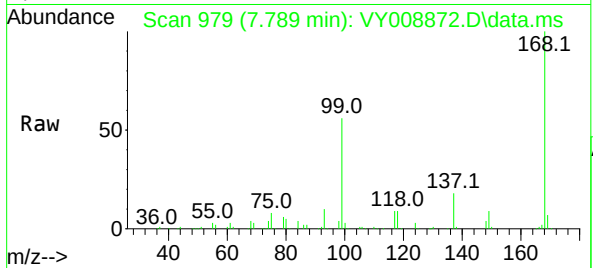




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

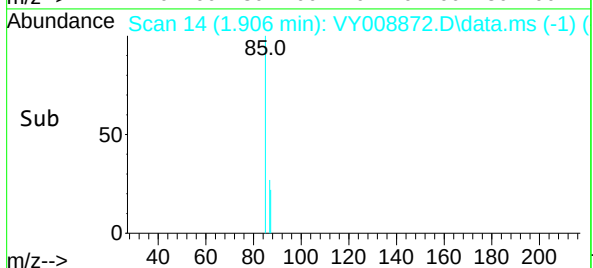
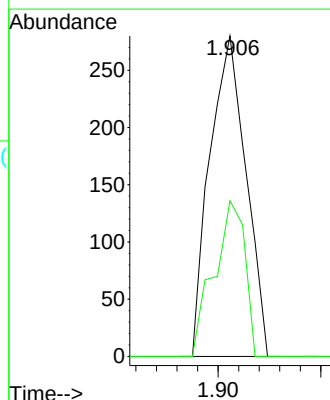
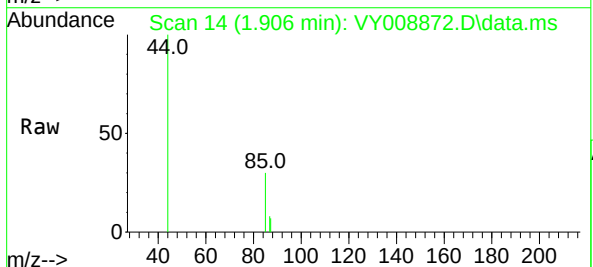
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

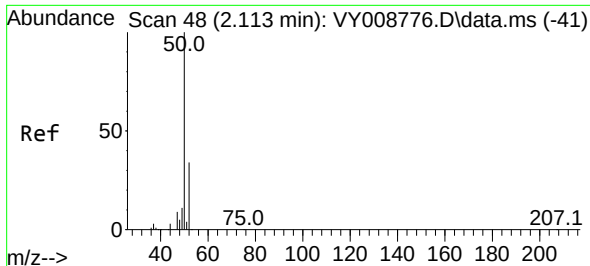
Tgt Ion:168 Resp: 130528
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion: 85 Resp: 342
Ion Ratio Lower Upper
85 100
87 48.6 16.1 48.2#

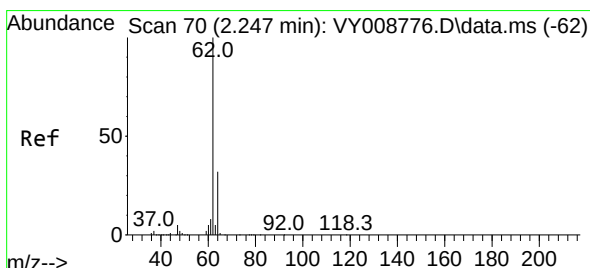
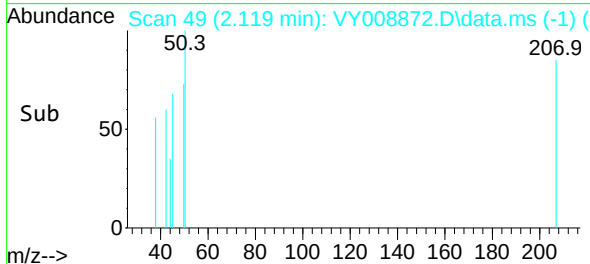
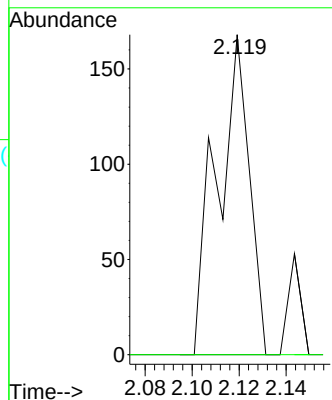
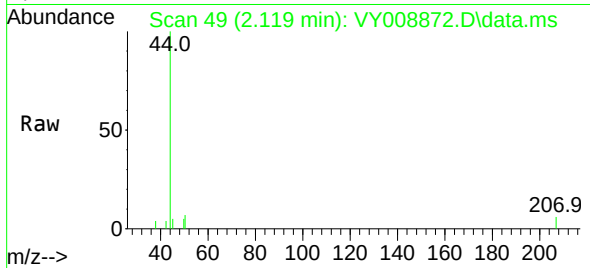




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

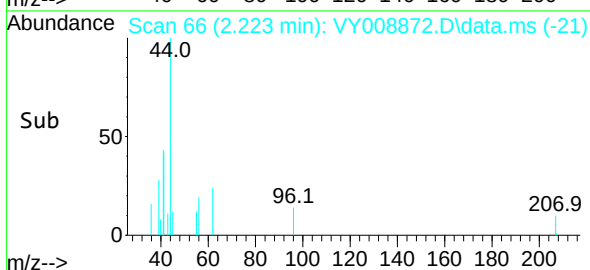
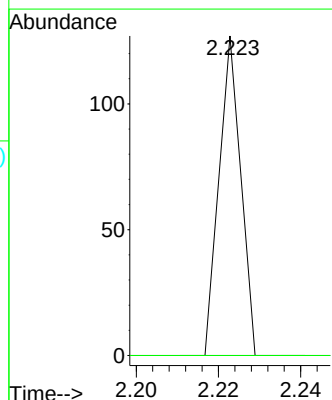
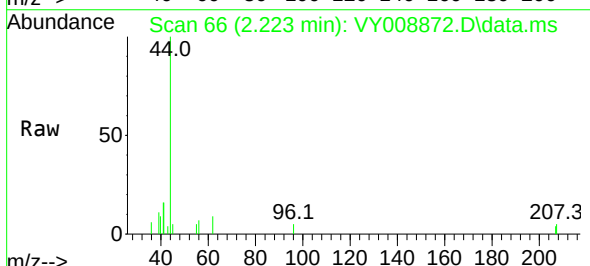
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

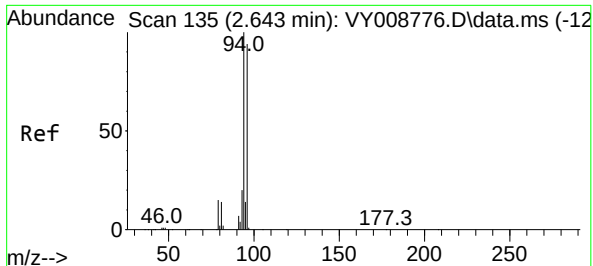
Tgt Ion: 50 Resp: 160
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.223 min Scan# 66
Delta R.T. -0.024 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion: 62 Resp: 46
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

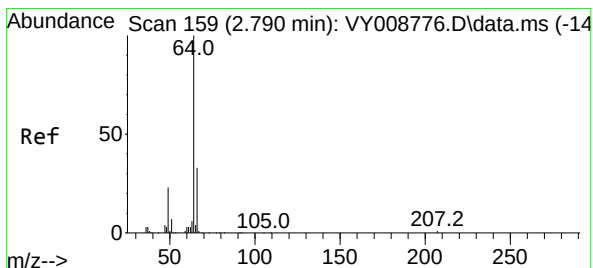
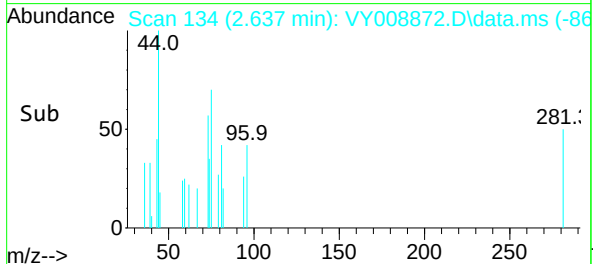
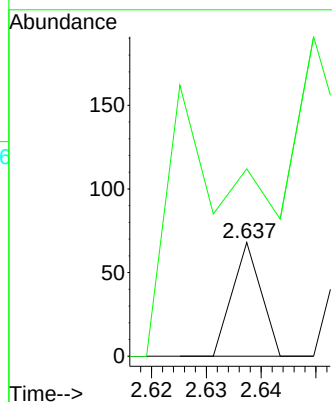
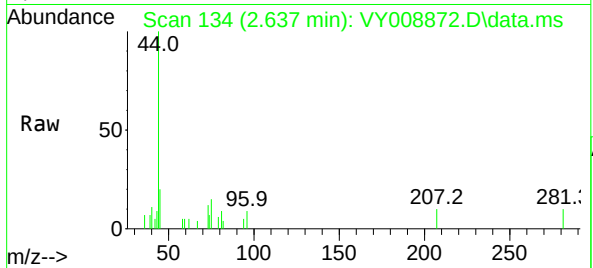




#5
Bromomethane
Concen: Below Cal
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

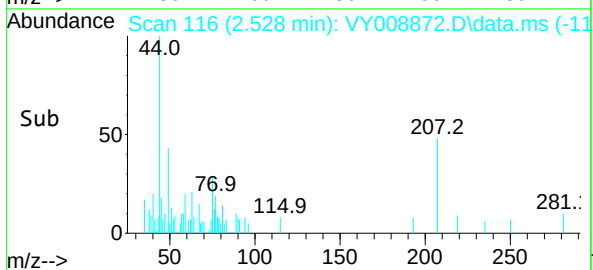
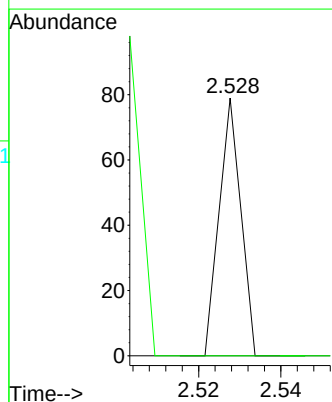
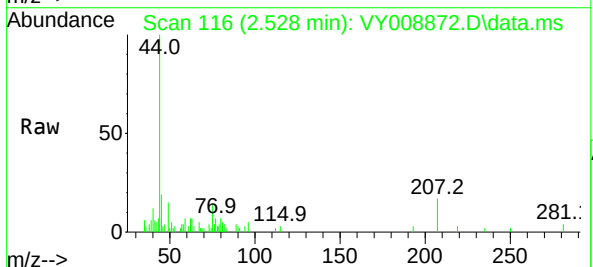
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

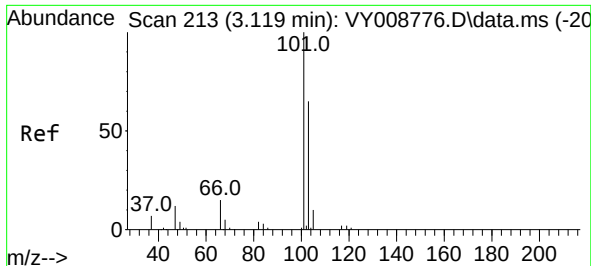
Tgt Ion: 94 Resp: 25
Ion Ratio Lower Upper
94 100
96 44.1 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.528 min Scan# 116
Delta R.T. -0.262 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion: 64 Resp: 29
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

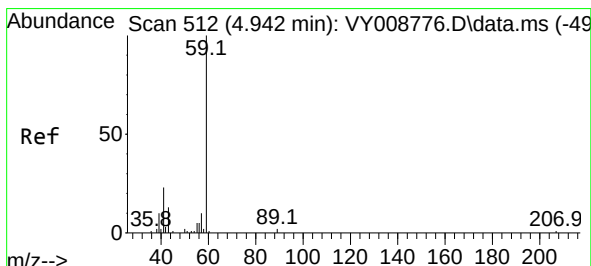
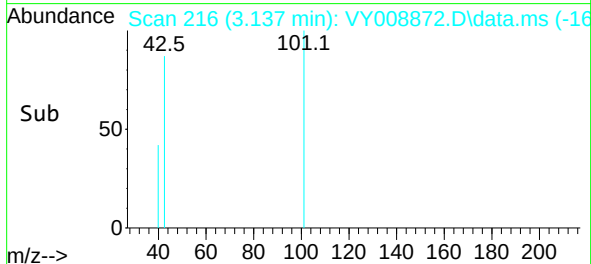
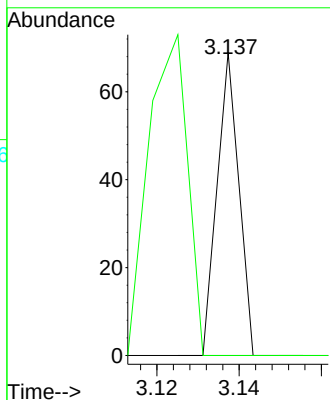
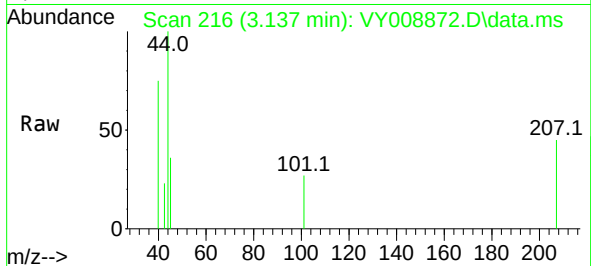




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.137 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

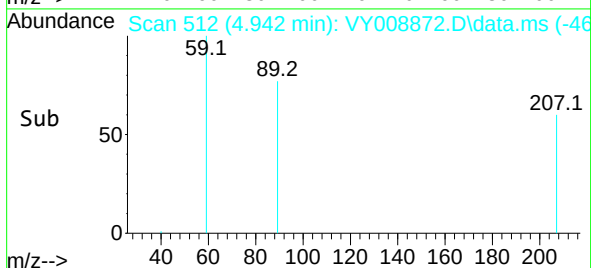
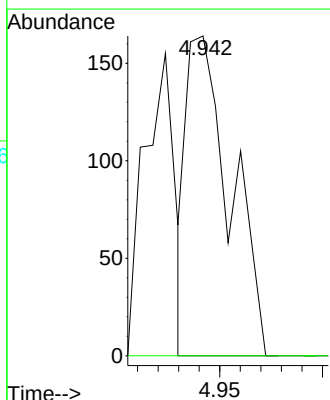
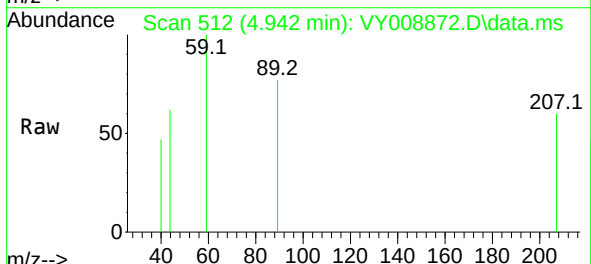
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

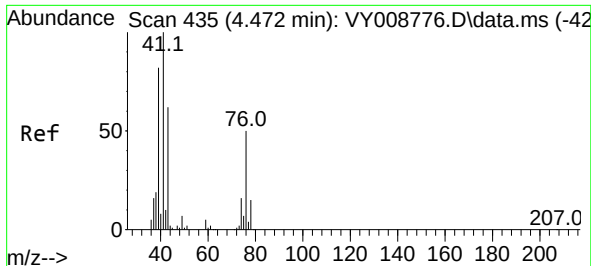
Tgt Ion:101 Resp: 25
Ion Ratio Lower Upper
101 100
103 0.0 48.0 72.0#



#11
Tert butyl alcohol
Concen: 1.823 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

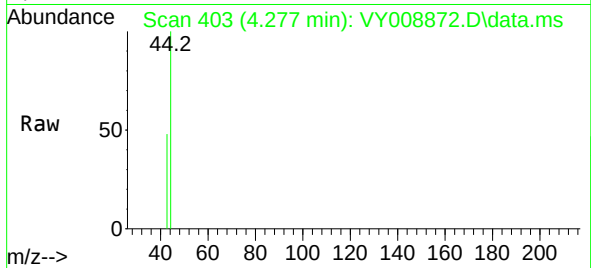
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



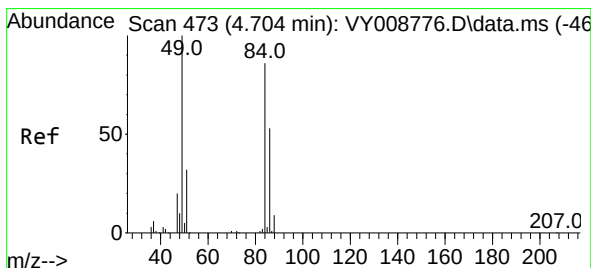
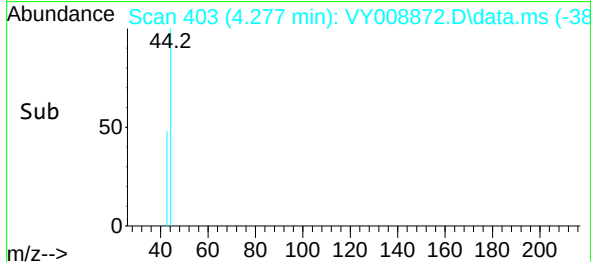
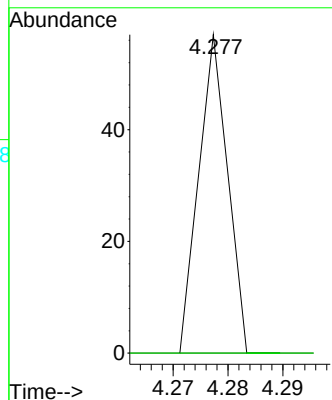


#18
Methyl Acetate
Concen: Below Cal
RT: 4.277 min Scan# 403
Delta R.T. -0.195 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

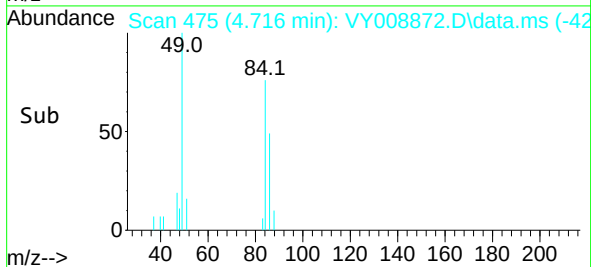
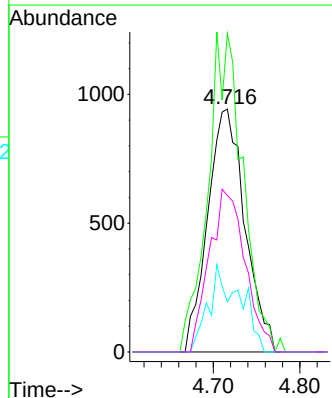
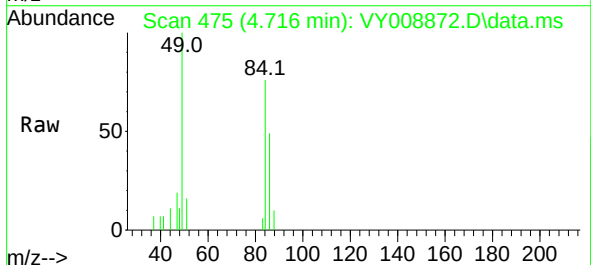


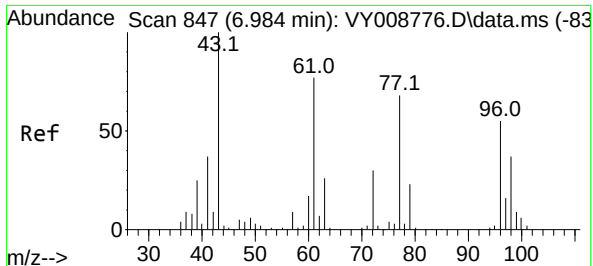
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion: 84 Resp: 2815
Ion Ratio Lower Upper
84 100
49 131.1 114.4 171.6
51 20.7 35.3 52.9#
86 64.4 53.7 80.5





#25

2-Butanone

Concen: 2.777 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY008872.D

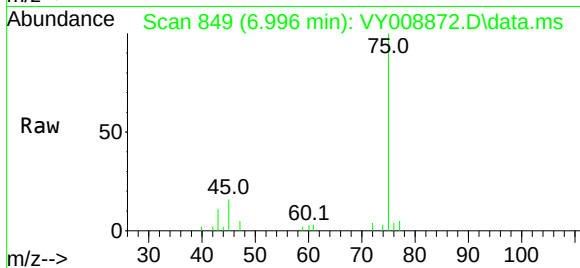
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Instrument :

MSVOA_Y

ClientSampleId :

P005-SS003-1218-01

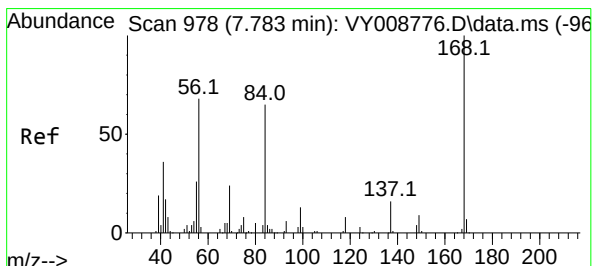
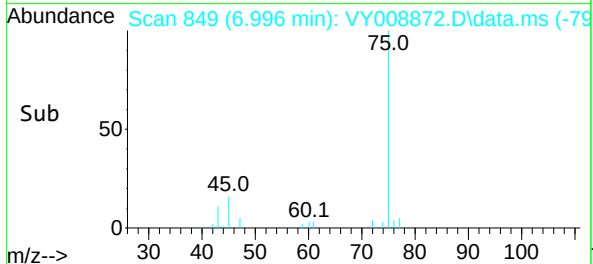
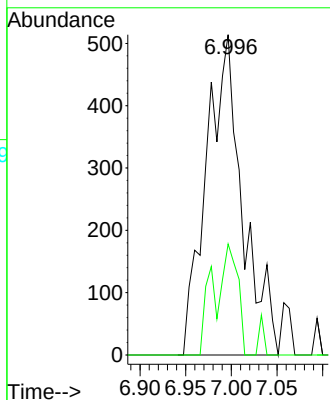


Tgt Ion: 43 Resp: 1411

Ion Ratio Lower Upper

43 100

72 34.6 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY008872.D

Acq: 19 May 2022 16:58

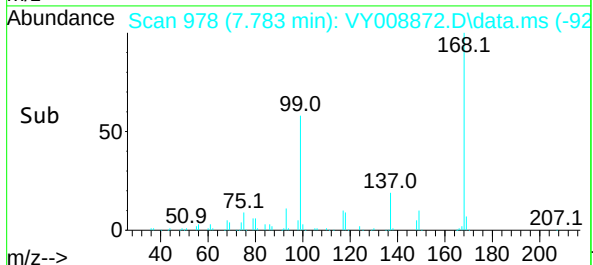
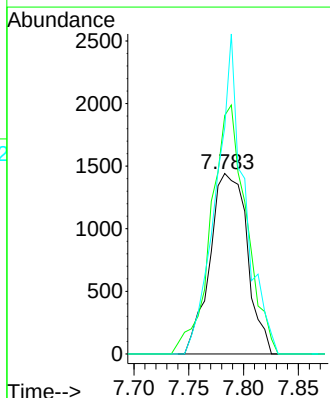
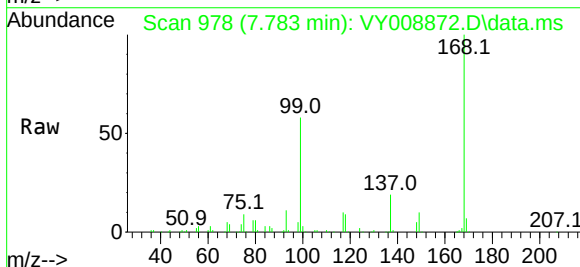
Tgt Ion: 56 Resp: 3405

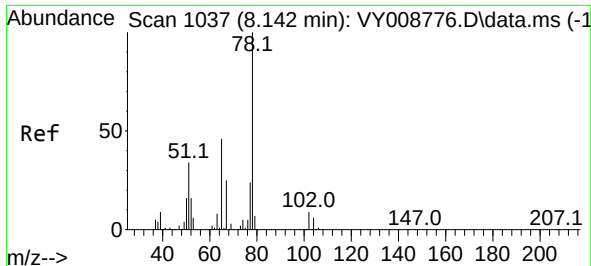
Ion Ratio Lower Upper

56 100

69 132.2 26.7 40.1#

84 125.5 67.2 100.8#

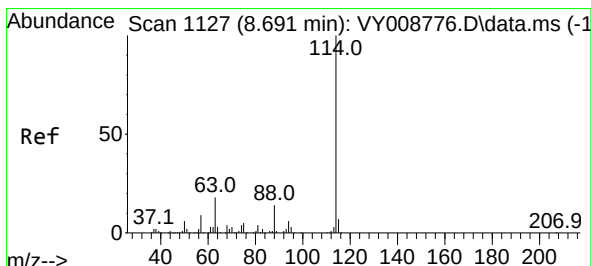
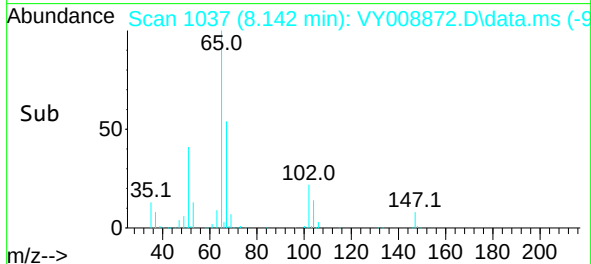
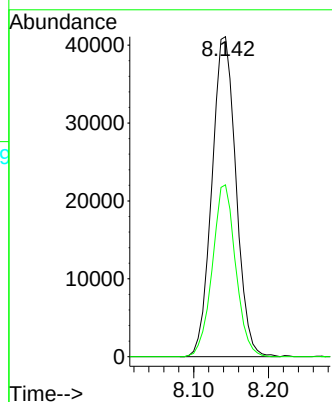
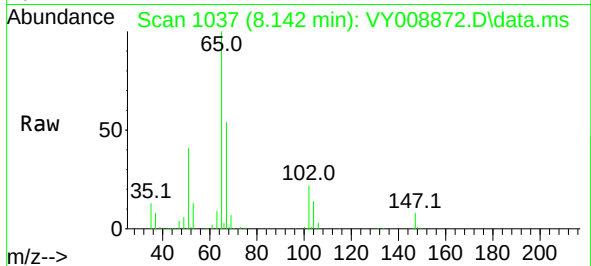




#33
 1,2-Dichloroethane-d4
 Concen: 76.042 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008872.D
 Acq: 19 May 2022 16:58

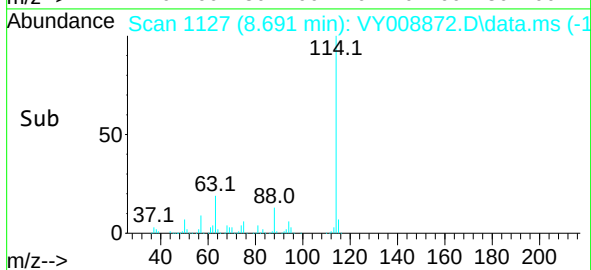
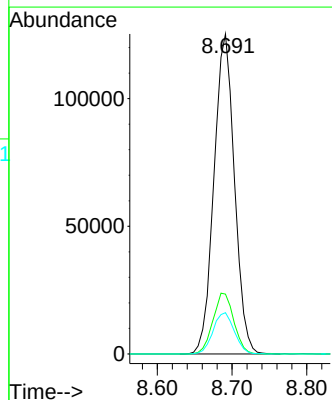
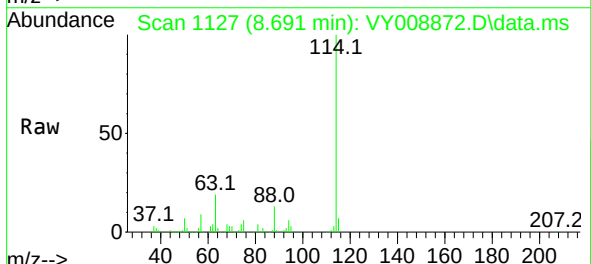
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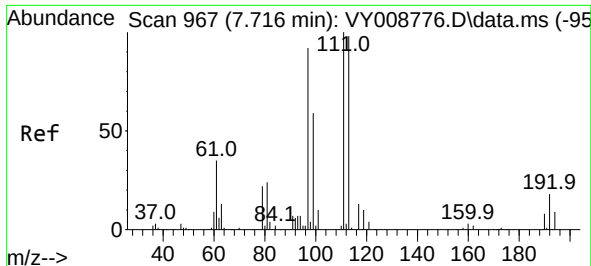
Tgt Ion: 65 Resp: 92081
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008872.D
 Acq: 19 May 2022 16:58

Tgt Ion: 114 Resp: 238604
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.2
 88 12.9 0.0 31.8

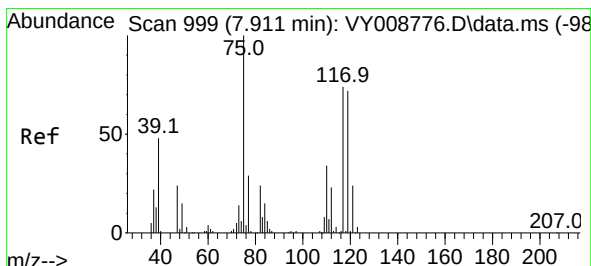
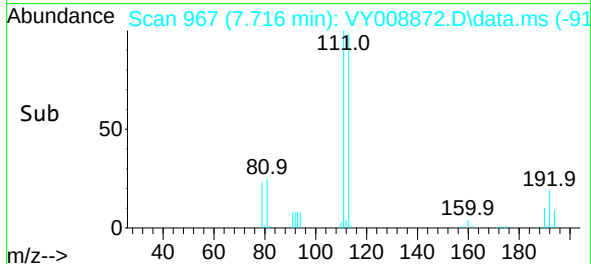
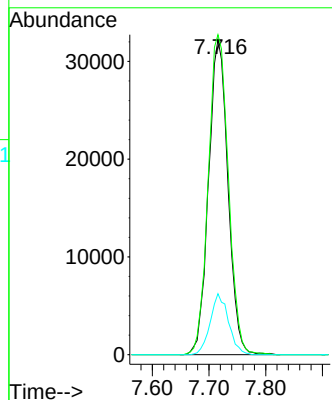
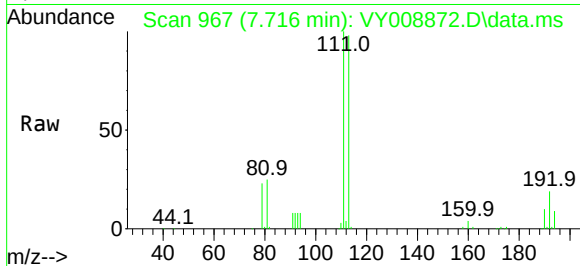




#35
Dibromofluoromethane
Concen: 54.944 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

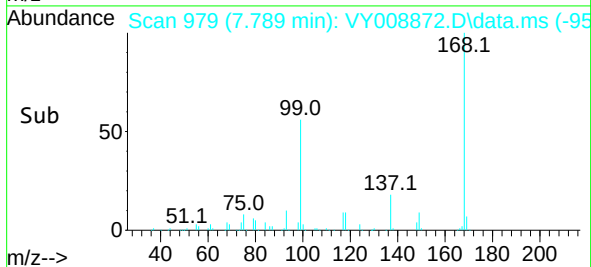
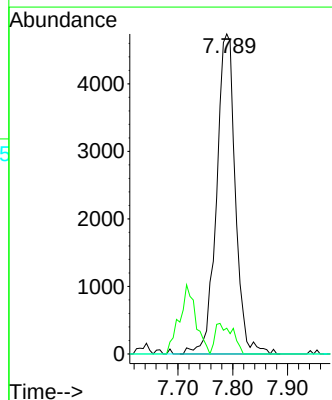
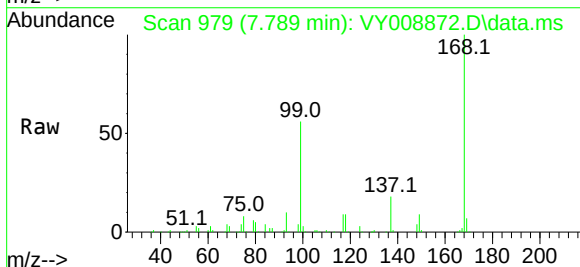
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

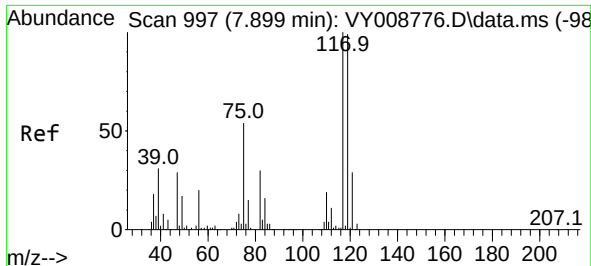
Tgt Ion:113 Resp: 76598
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion: 75 Resp: 11323
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

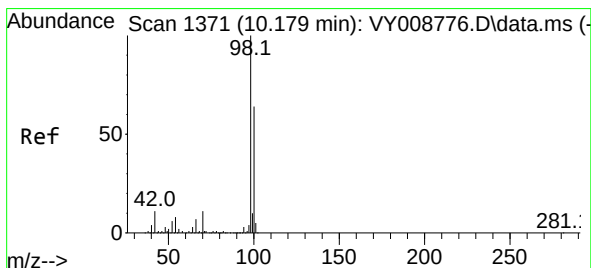
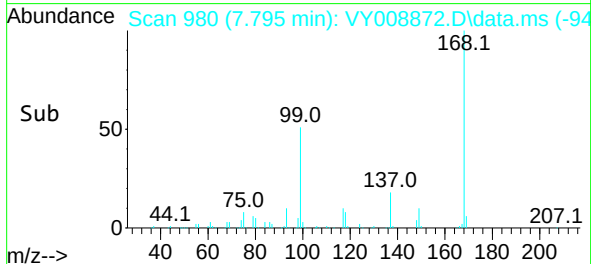
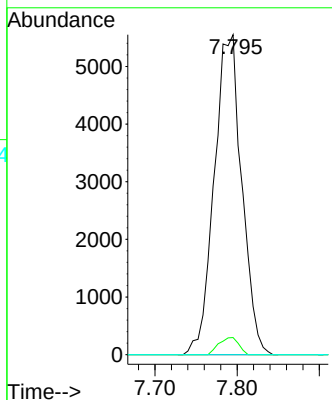
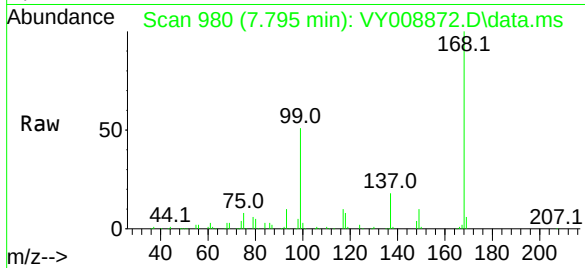




#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

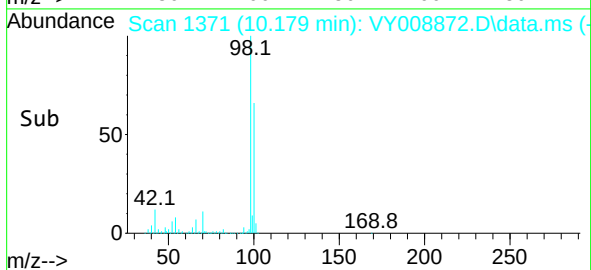
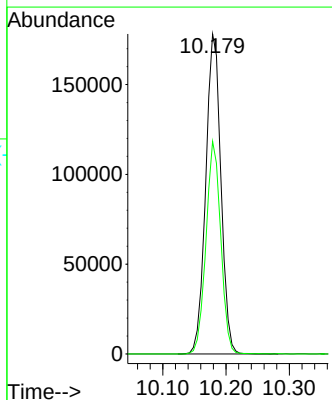
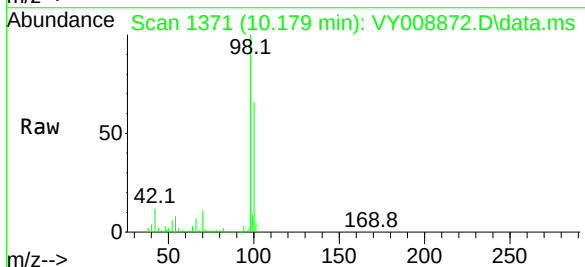
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

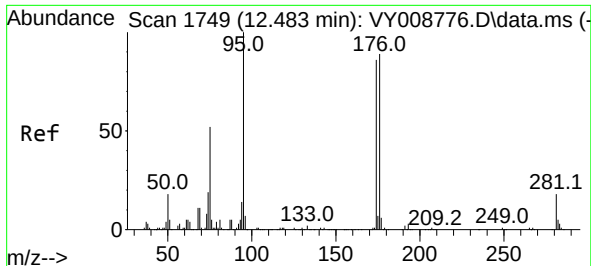
Tgt Ion:117 Resp: 12952
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.072 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion: 98 Resp: 297085
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

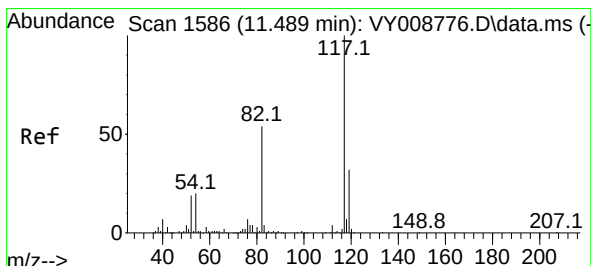
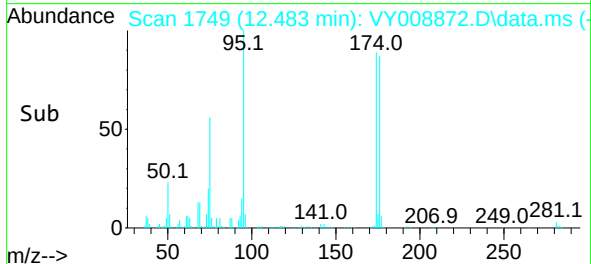
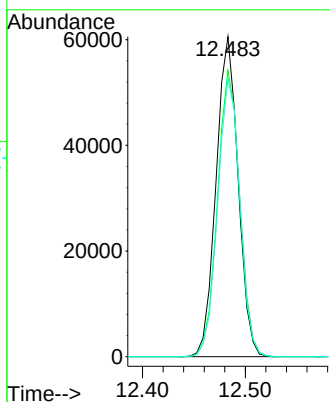
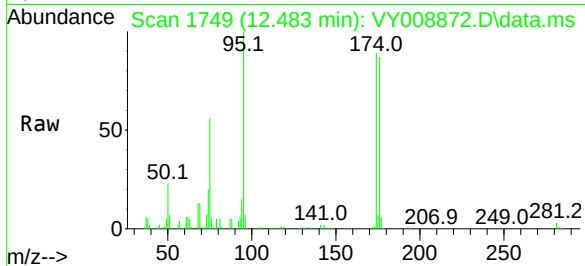




#62
4-Bromofluorobenzene
Concen: 41.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

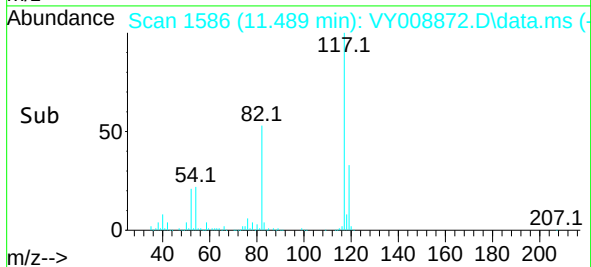
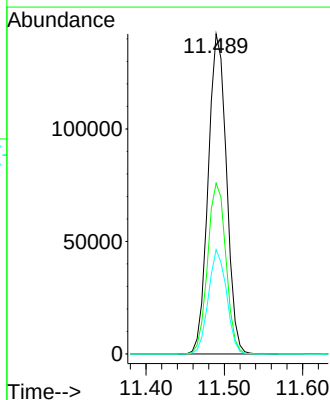
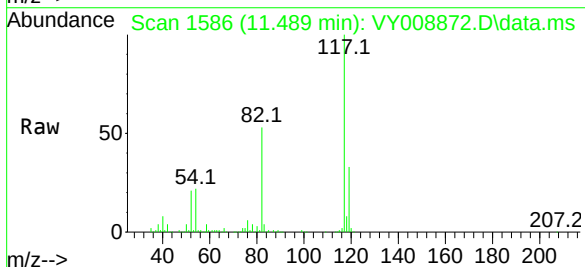
Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

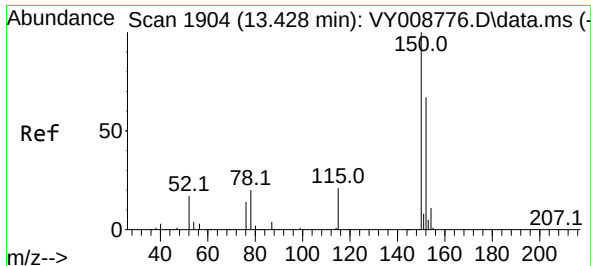
Tgt Ion:	95	Resp:	90126
Ion Ratio	Lower	Upper	
95	100		
174	90.6	0.0	177.0
176	87.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008872.D
Acq: 19 May 2022 16:58

Tgt Ion:	117	Resp:	230572
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.0	64.4
119	32.6	25.4	38.0

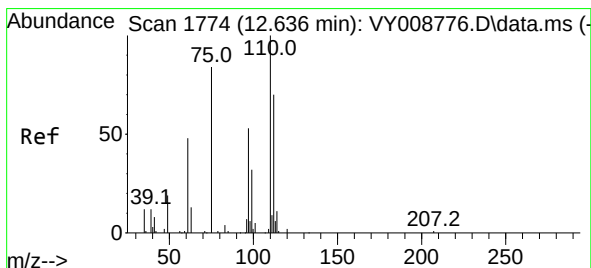
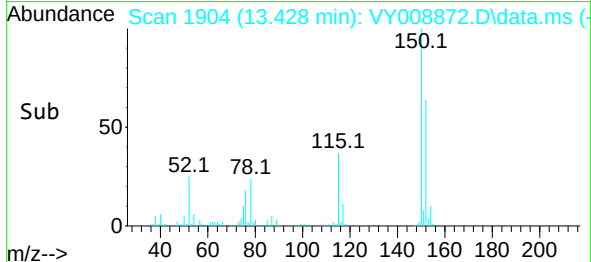
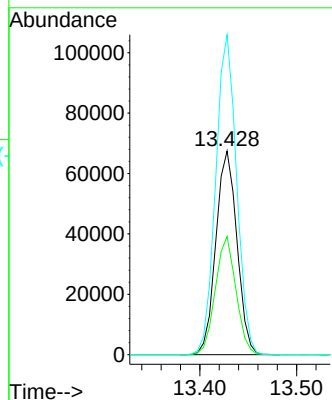
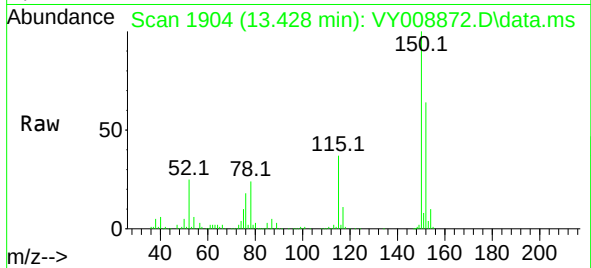




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008872.D
 Acq: 19 May 2022 16:58

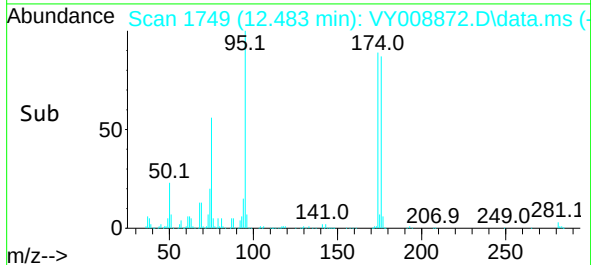
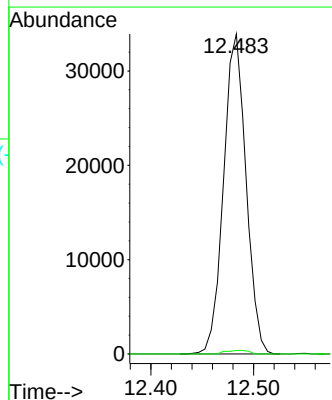
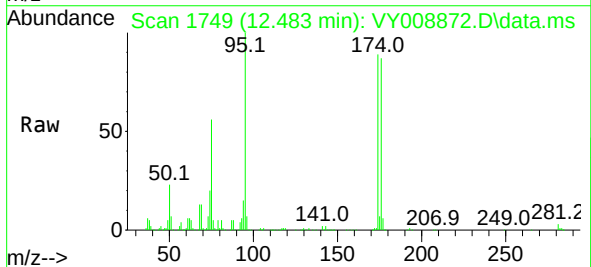
Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS003-1218-01

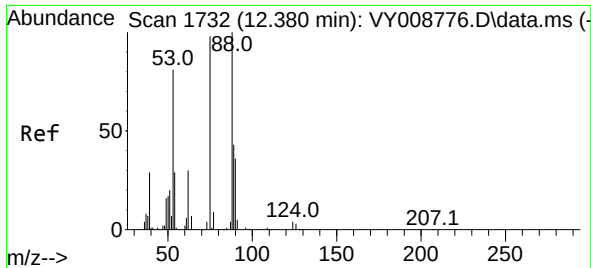
Tgt Ion:152 Resp: 101915
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.678 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008872.D
 Acq: 19 May 2022 16:58

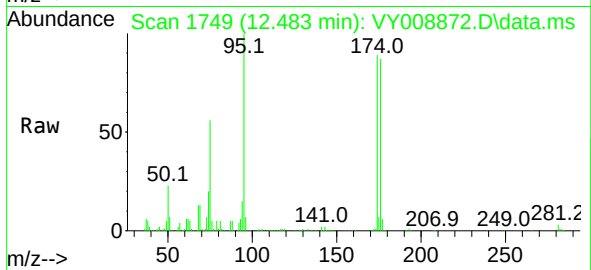
Tgt Ion: 75 Resp: 51420
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.535 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008872.D
 Acq: 19 May 2022 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS003-1218-01



Tgt Ion: 75 Resp: 51420
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.0 37.0 55.4#

