

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010468.D
 Acq On : 13 Sep 2022 18:53
 Operator : KP/MD
 Sample : N4466-01
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-5-(10-17)

Quant Time: Sep 14 05:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

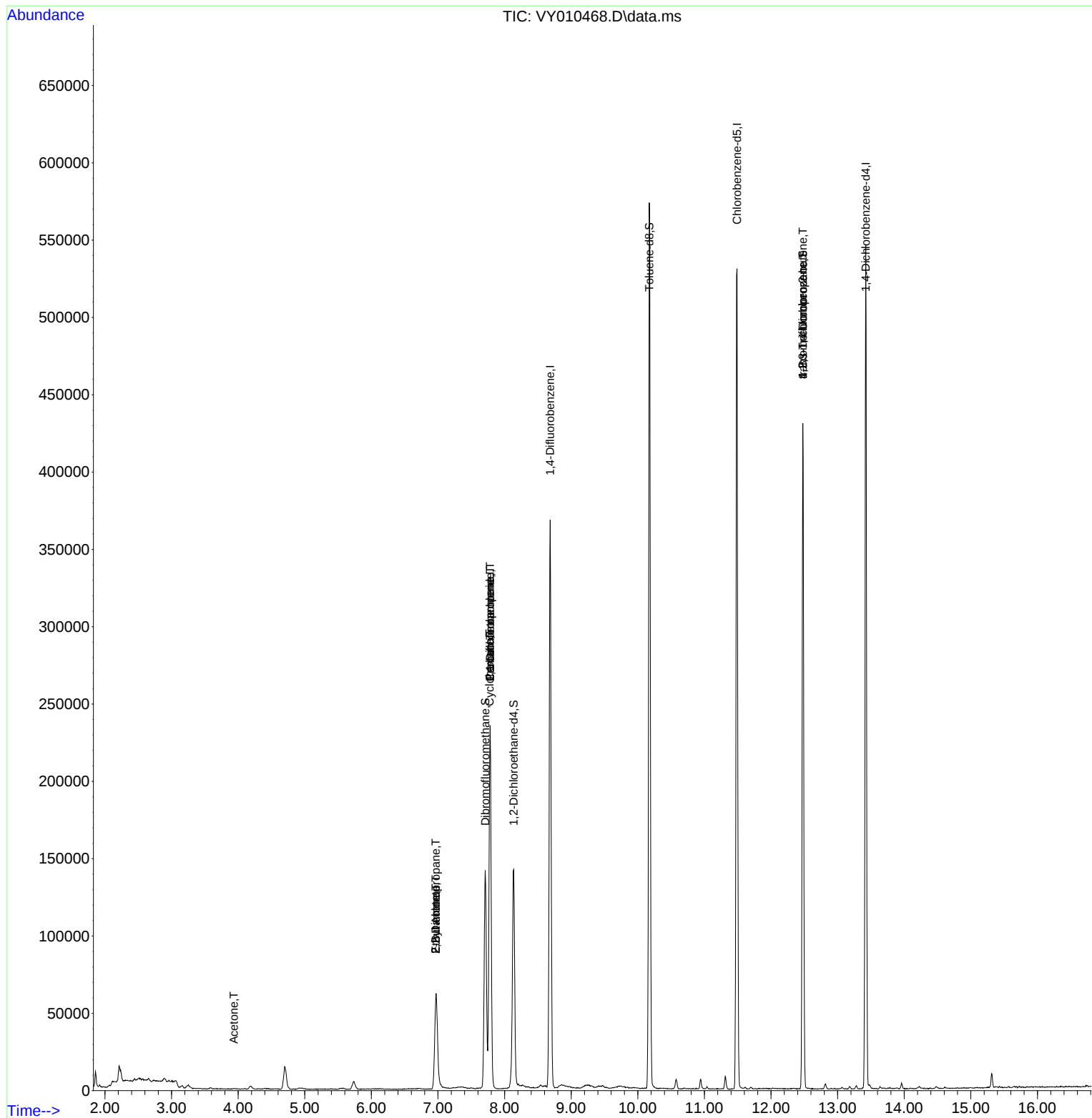
Internal Standards						
1) Pentafluorobenzene	7.783	168	184219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	300132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108599	58.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.060%	
35) Dibromofluoromethane	7.710	113	99719	44.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.120%	
50) Toluene-d8	10.173	98	378106	52.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.477	95	130836	44.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	106	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	938	Below Cal	#	77
16) Acetone	3.936	43	826	1.940	ug/l #	77
20) Methylene Chloride	4.704	84	10752	Below Cal	#	84
25) 2-Butanone	6.966	43	3188	4.711	ug/l	98
26) 2,2-Dichloropropane	6.966	77	4730	1.434	ug/l #	55
31) Cyclohexane	7.777	56	3769	1.202	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14520	4.739	ug/l #	51
37) Ethyl Acetate	6.966	43	3188	1.979	ug/l #	1
38) Carbon Tetrachloride	7.783	117	18015	5.285	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	68510	45.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68510	100.051	ug/l #	7

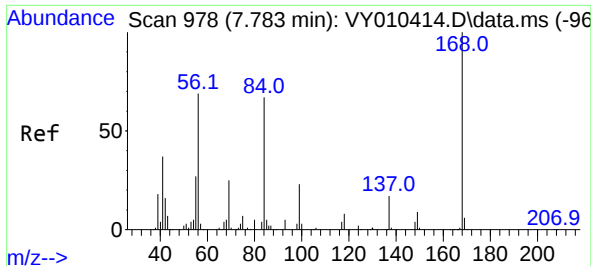
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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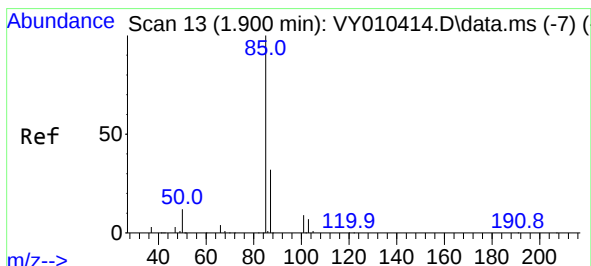
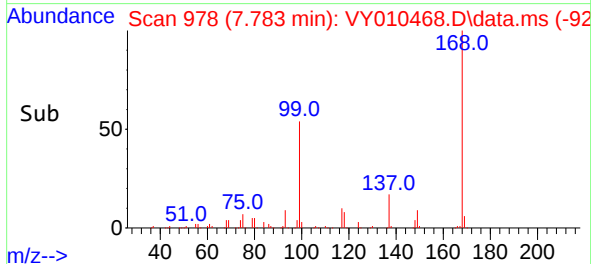
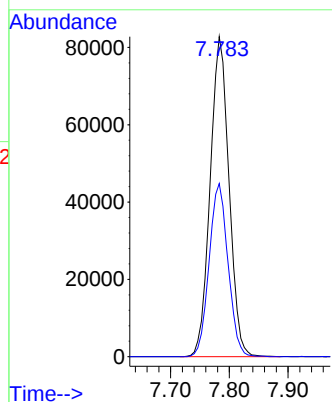
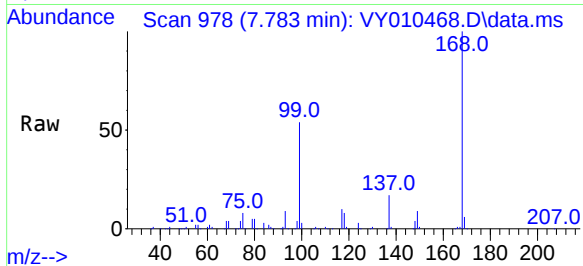




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

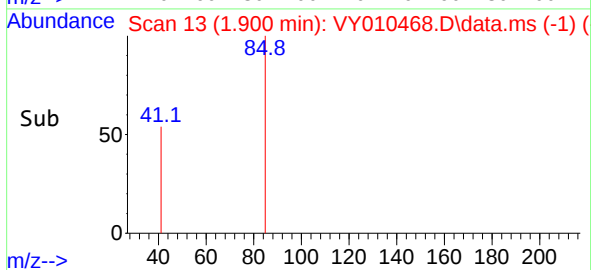
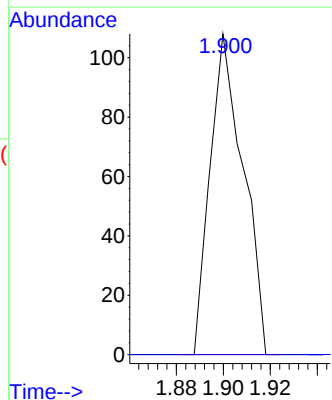
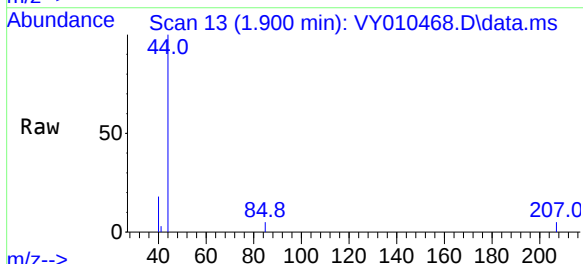
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(10-17)

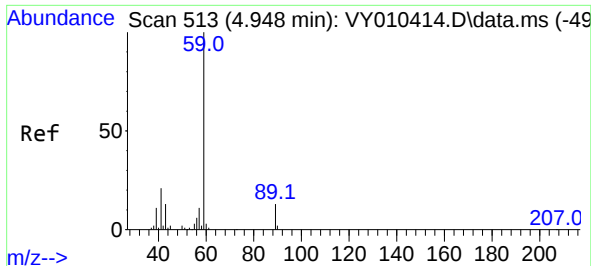
Tgt Ion:168 Resp: 184219
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Tgt Ion: 85 Resp: 106
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY010468.D

Acq: 13 Sep 2022 18:53

Instrument :

MSVOA_Y

ClientSampleId :

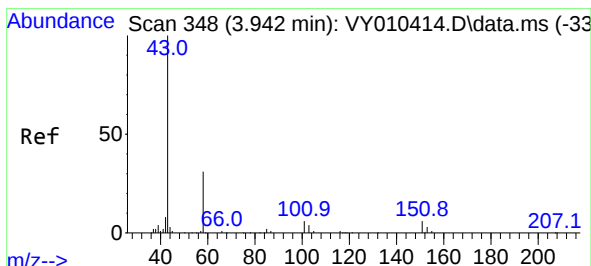
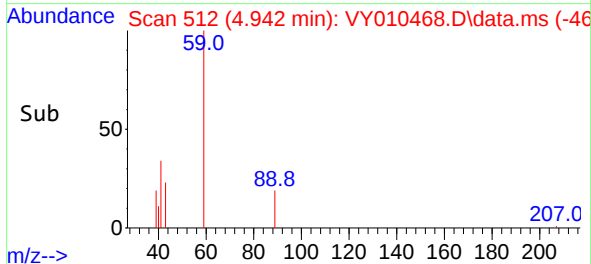
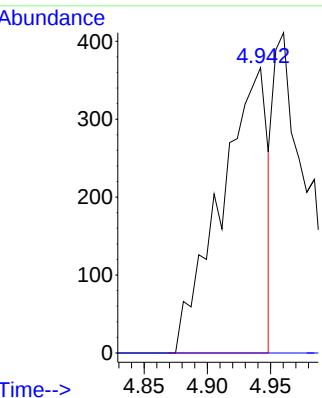
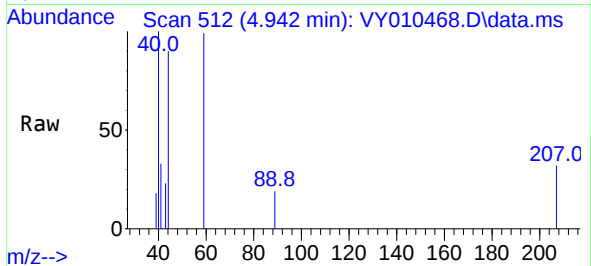
SASP2-T-5-(10-17)

Tgt Ion: 59 Resp: 938

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.940 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010468.D

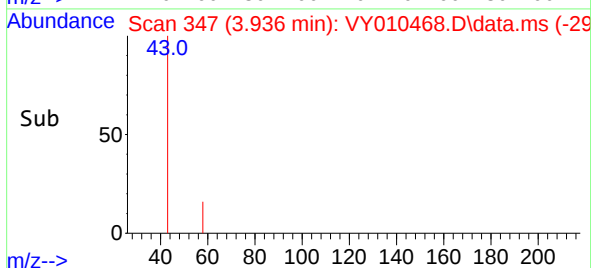
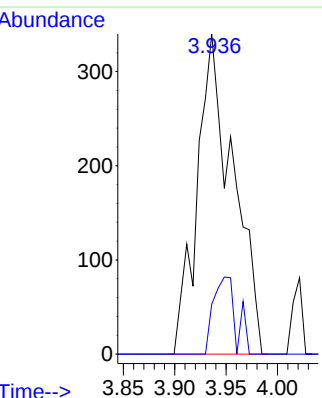
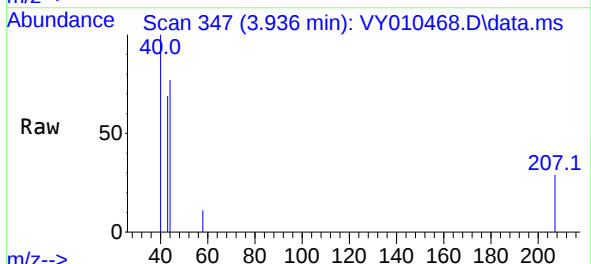
Acq: 13 Sep 2022 18:53

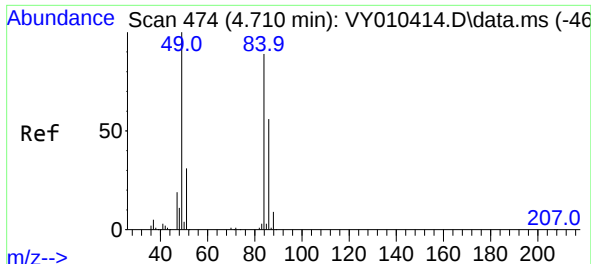
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

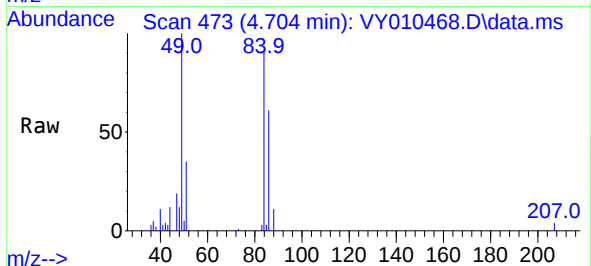
58 15.6 22.0 33.0#



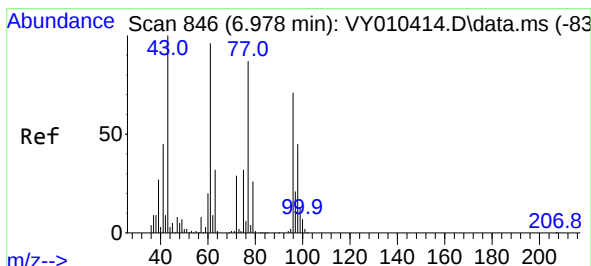
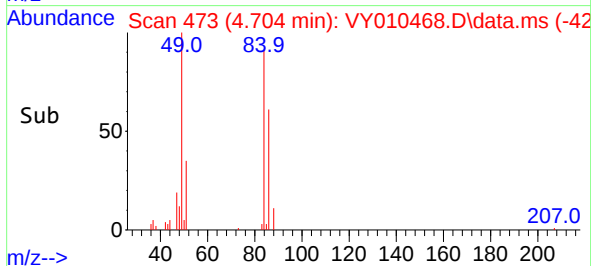
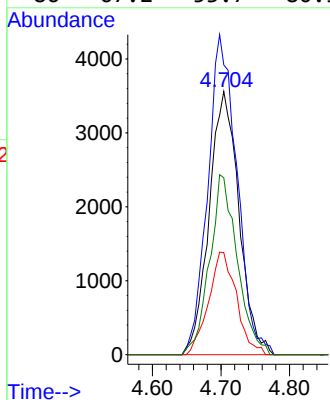


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(10-17)

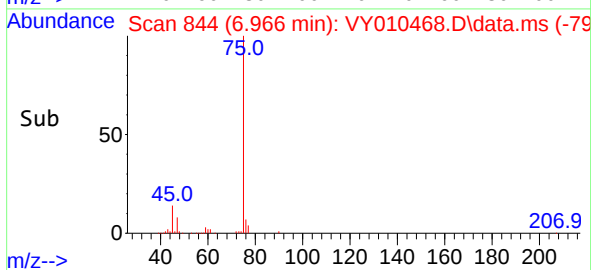
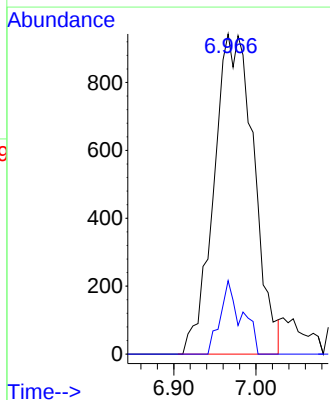
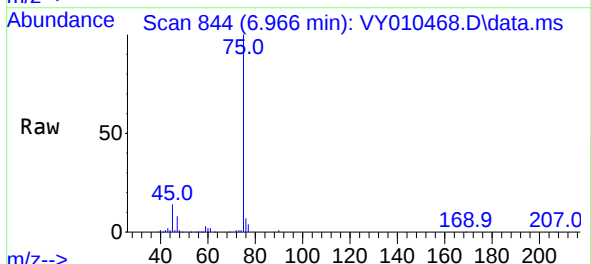


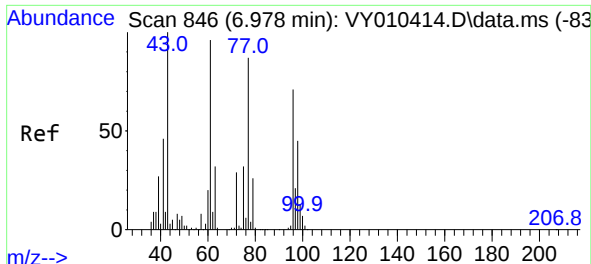
Tgt Ion: 84 Resp: 10752
Ion Ratio Lower Upper
84 100
49 110.1 114.4 171.6#
51 38.8 35.3 52.9
86 67.2 53.7 80.5



#25
2-Butanone
Concen: 4.711 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
72 22.9 17.7 26.5





#26

2,2-Dichloropropane

Concen: 1.434 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY010468.D

Acq: 13 Sep 2022 18:53

Instrument :

MSVOA_Y

ClientSampleId :

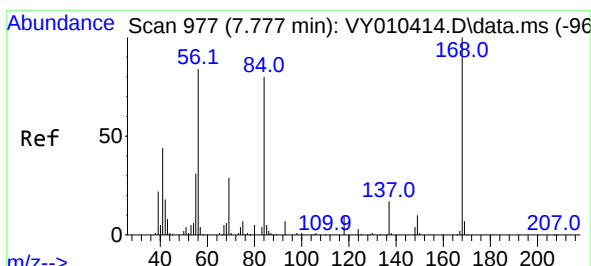
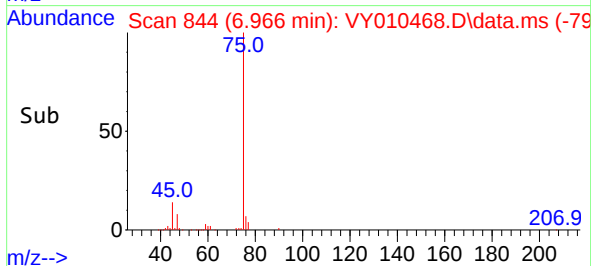
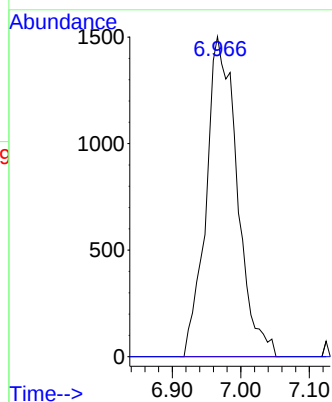
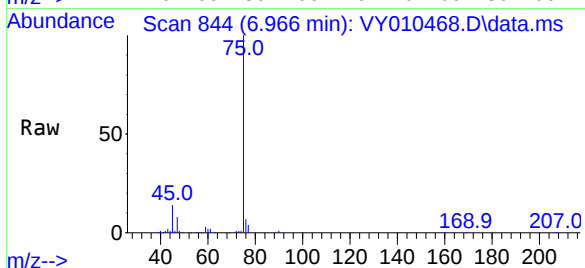
SASP2-T-5-(10-17)

Tgt Ion: 77 Resp: 4730

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.202 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010468.D

Acq: 13 Sep 2022 18:53

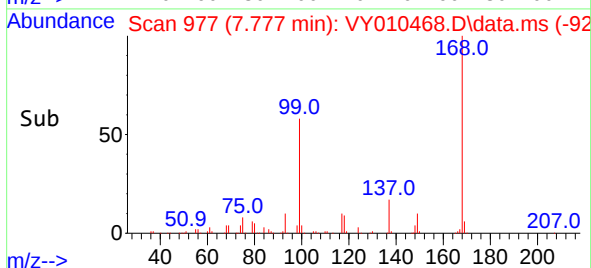
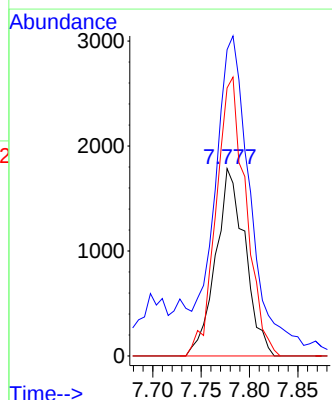
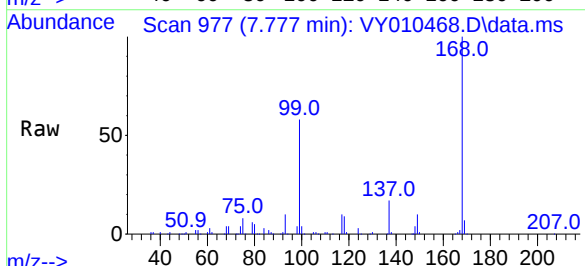
Tgt Ion: 56 Resp: 3769

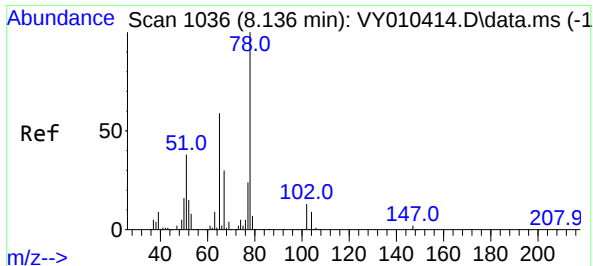
Ion Ratio Lower Upper

56 100

69 148.0 26.7 40.1#

84 143.0 67.2 100.8#

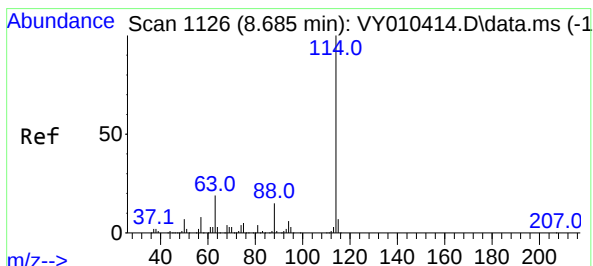
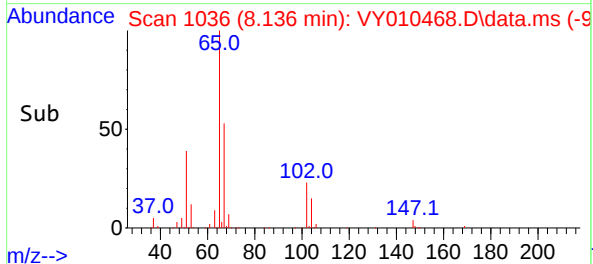
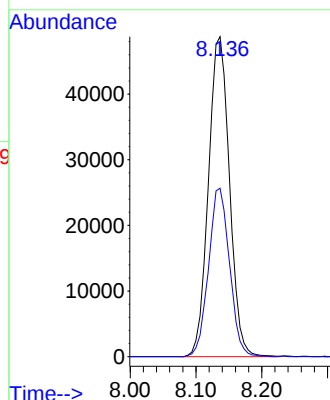
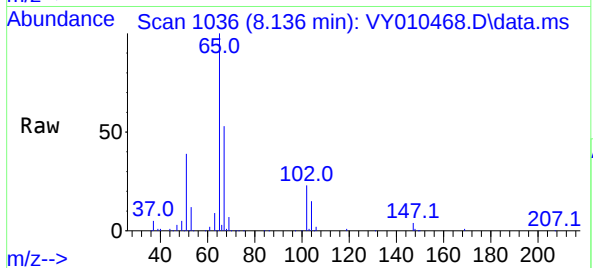




#33
 1,2-Dichloroethane-d4
 Concen: 58.532 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY010468.D
 Acq: 13 Sep 2022 18:53

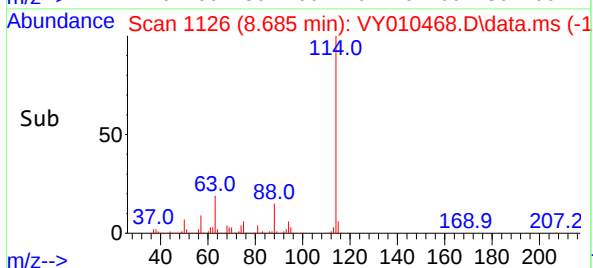
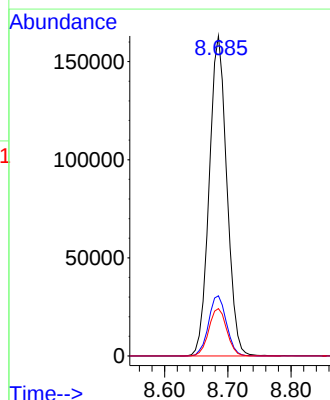
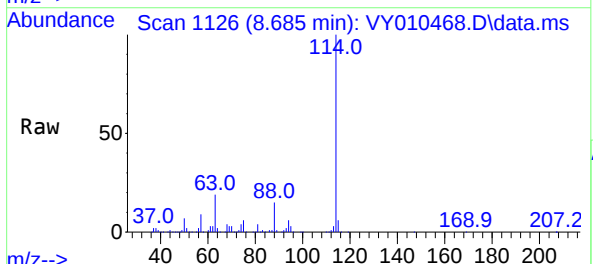
Instrument :
 MSVOA_Y
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 SASP2-T-5-(10-17)

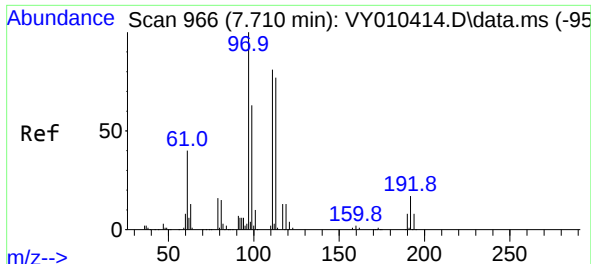
Tgt Ion: 65 Resp: 108599
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010468.D
 Acq: 13 Sep 2022 18:53

Tgt Ion: 114 Resp: 315111
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.2
 88 14.8 0.0 31.8

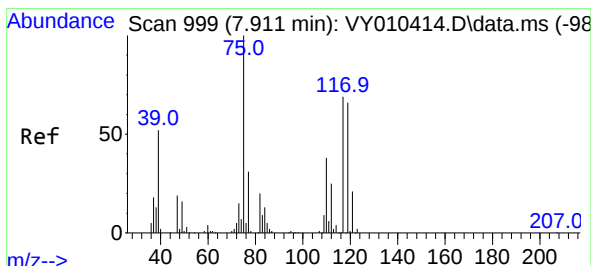
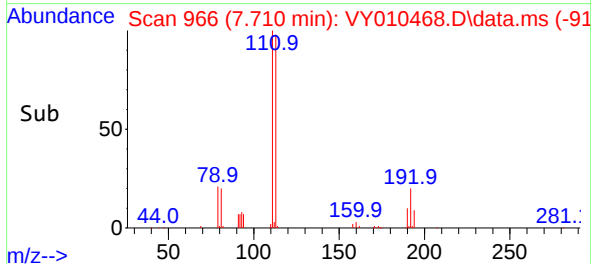
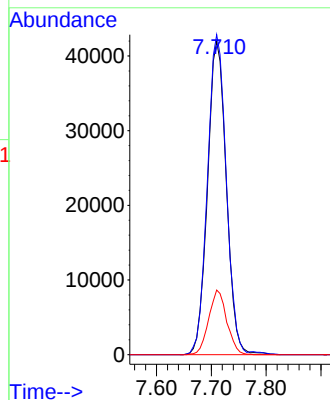
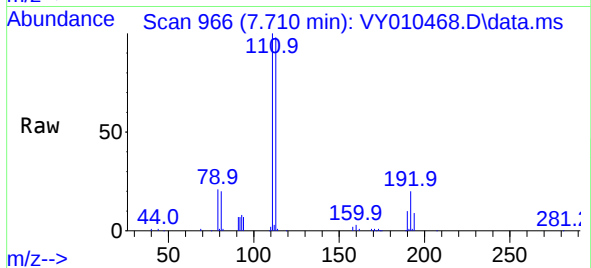




#35
Dibromofluoromethane
Concen: 44.558 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

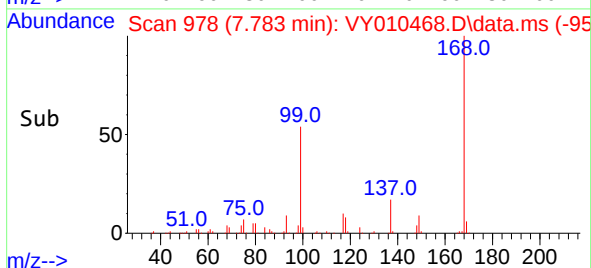
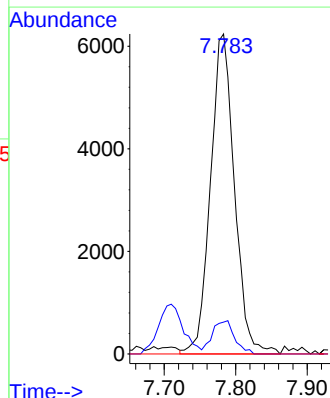
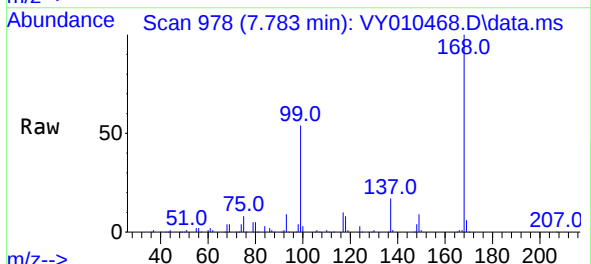
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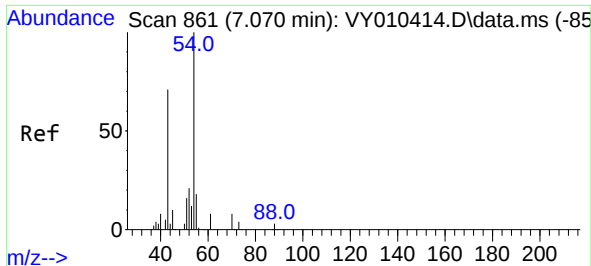
Tgt Ion:113 Resp: 99719
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Tgt Ion: 75 Resp: 14520
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.979 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.104 min

Lab File: VY010468.D

Acq: 13 Sep 2022 18:53

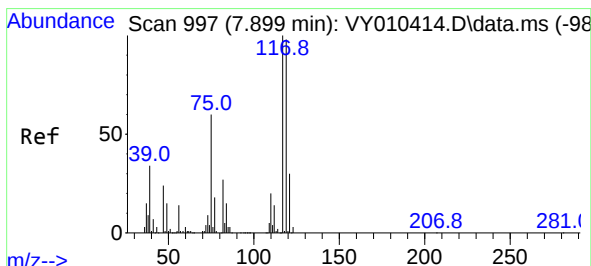
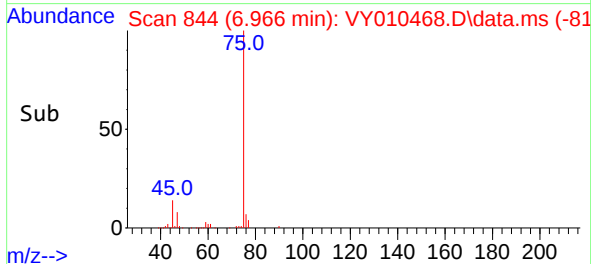
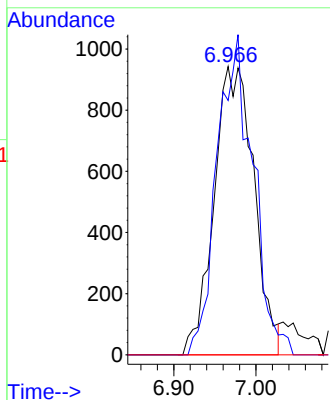
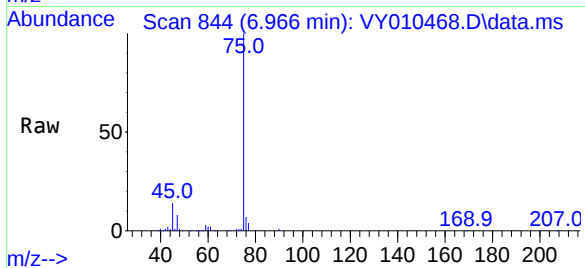
Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-5-(10-17)

Tgt Ion:	43	Resp:	3188
Ion	Ratio	Lower	Upper
43	100		
61	99.4	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.285 ug/l

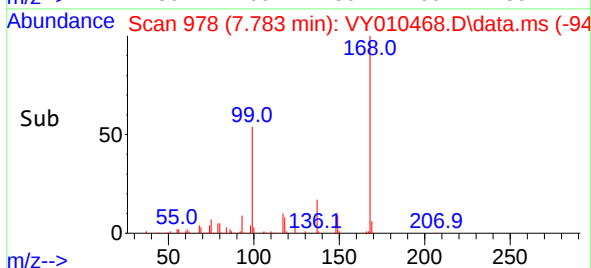
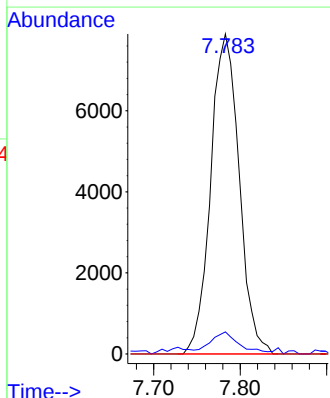
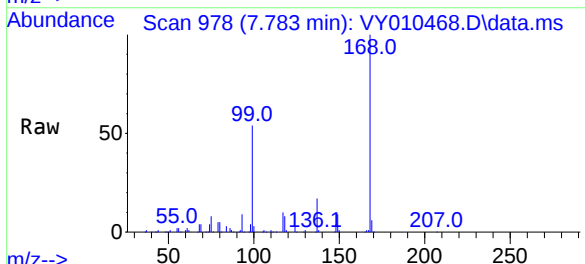
RT: 7.783 min Scan# 978

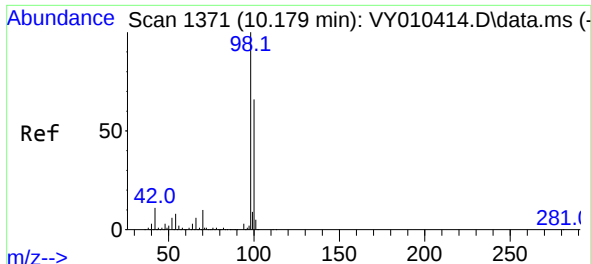
Delta R.T. -0.116 min

Lab File: VY010468.D

Acq: 13 Sep 2022 18:53

Tgt Ion:	117	Resp:	18015
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.9	116.9#
121	0.0	24.8	37.2#

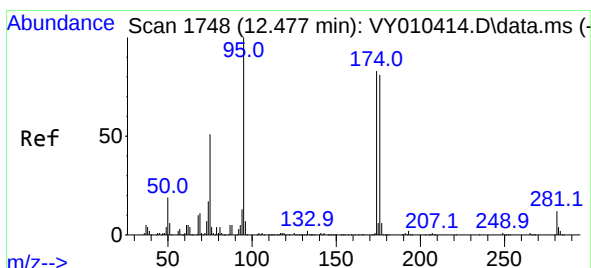
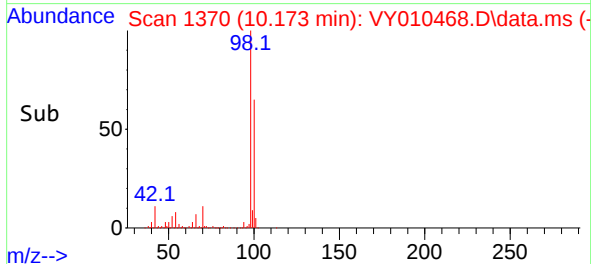
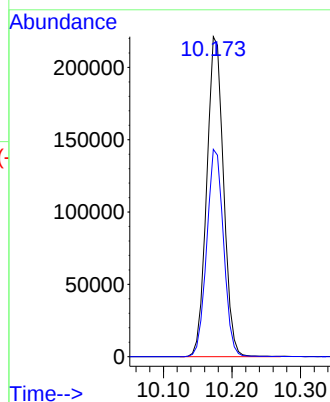
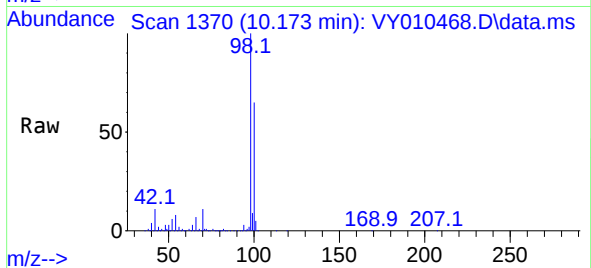




#50
Toluene-d8
Concen: 52.131 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

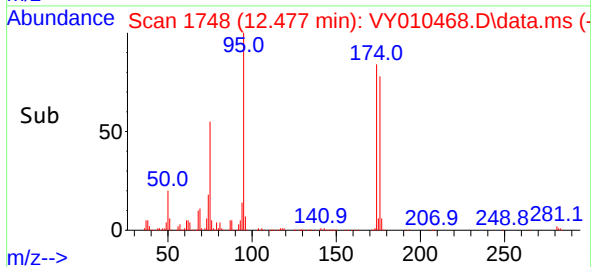
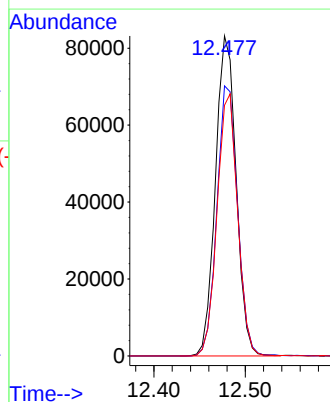
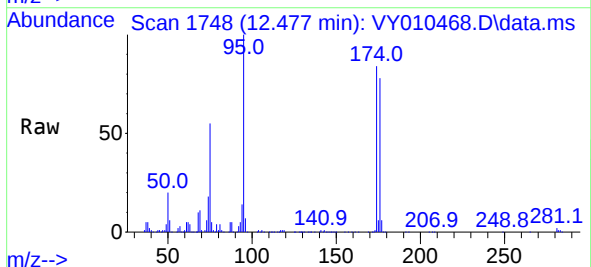
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(10-17)

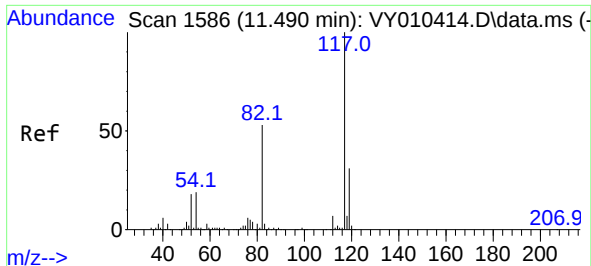
Tgt Ion: 98 Resp: 378106
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.879 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Tgt Ion: 95 Resp: 130836
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.5 0.0 175.8

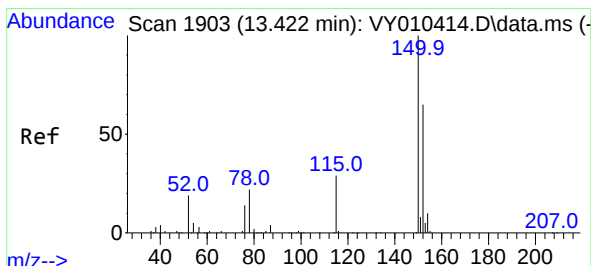
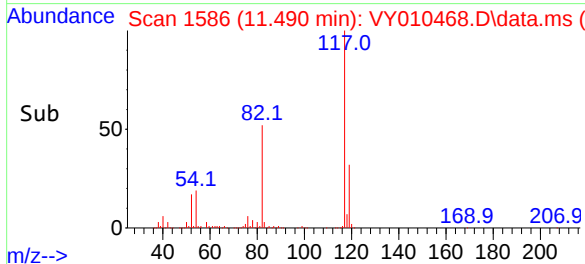
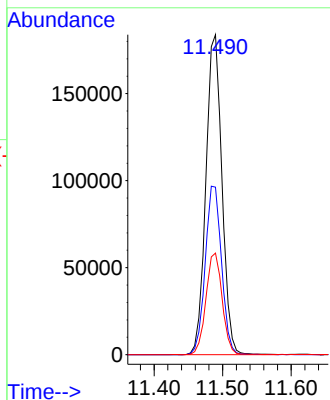
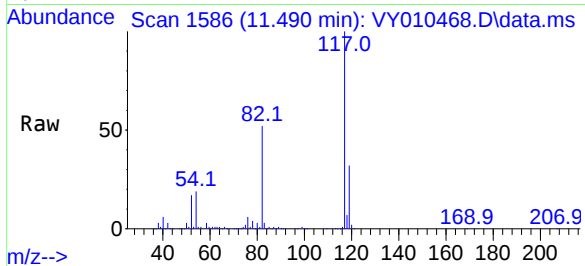




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

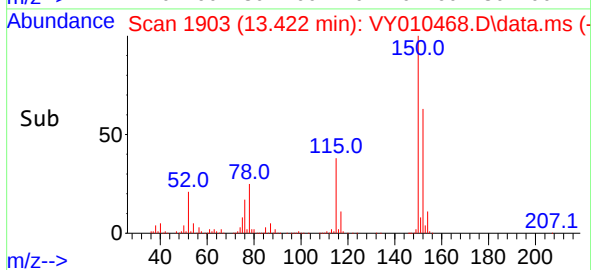
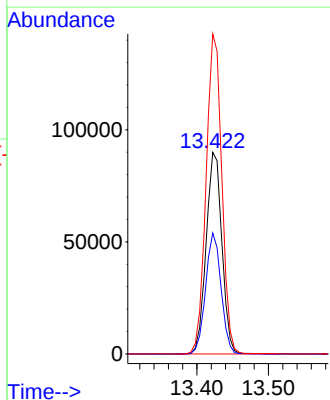
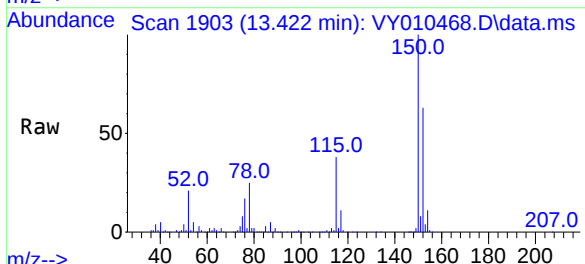
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(10-17)

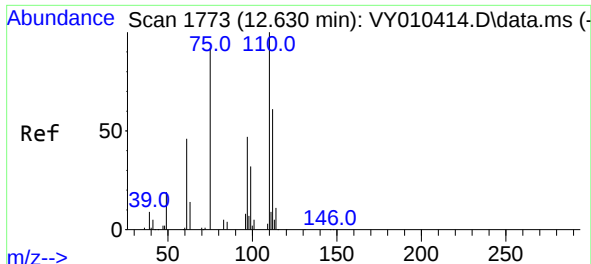
Tgt Ion:117 Resp: 300132
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Tgt Ion:152 Resp: 137758
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.1 0.0 347.6

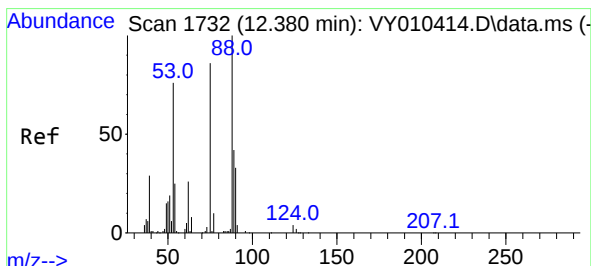
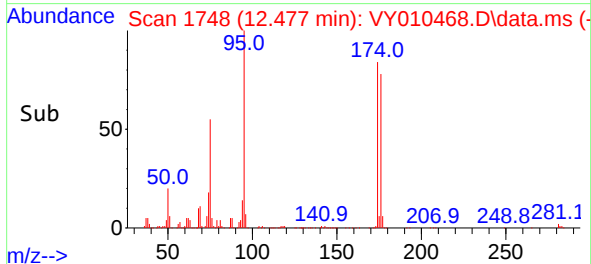
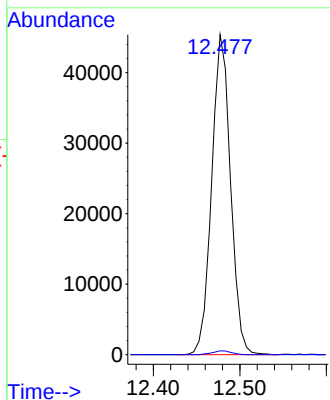
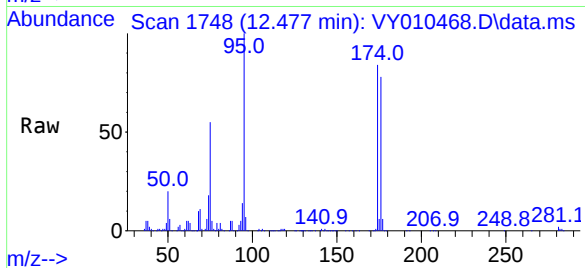




#76
1,2,3-Trichloropropane
Concen: 45.061 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(10-17)

Tgt Ion: 75 Resp: 68510
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.051 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010468.D
Acq: 13 Sep 2022 18:53

Tgt Ion: 75 Resp: 68510
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

