

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010470.D
 Acq On : 13 Sep 2022 19:40
 Operator : KP/MD
 Sample : N4466-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-5-(25-35)

Quant Time: Sep 14 05:28:00 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)

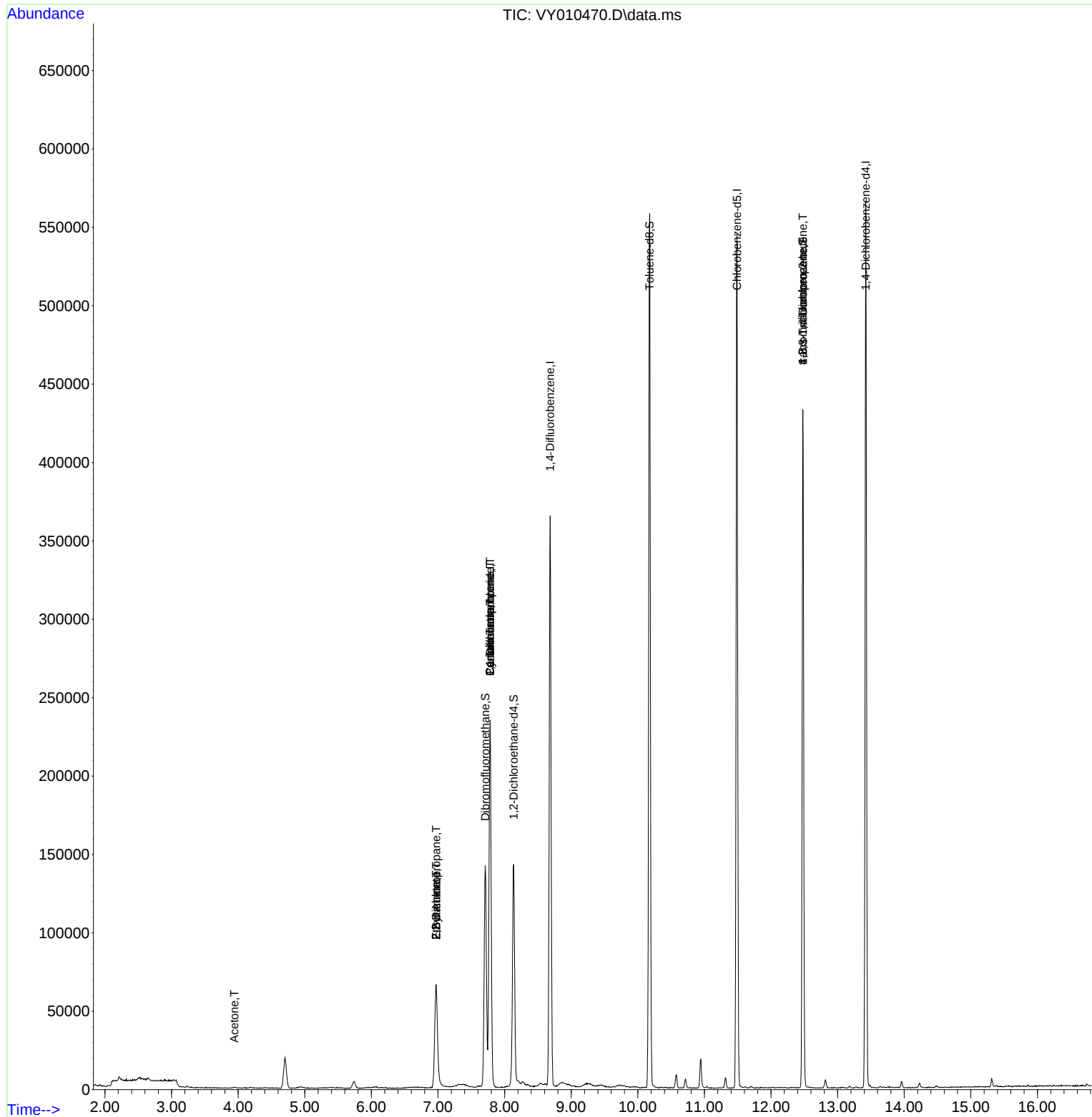
Internal Standards							
1) Pentafluorobenzene		7.783	168	182440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.685	114	313138	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	301087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.422	152	141517	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.136	65	107130	58.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.600%	
35) Dibromofluoromethane		7.710	113	98975	44.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.000%	
50) Toluene-d8		10.179	98	375889	52.152	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%	
62) 4-Bromofluorobenzene		12.477	95	131010	45.275	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.560%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.912	85	22	Below Cal	#	43
11) Tert butyl alcohol		4.924	59	600	Below Cal	#	77
16) Acetone		3.942	43	1125	2.668	ug/l #	82
25) 2-Butanone		6.972	43	3629	5.415	ug/l #	83
26) 2,2-Dichloropropane		6.972	77	4949	1.515	ug/l #	55
31) Cyclohexane		7.783	56	3695	1.190	ug/l #	29
36) 1,1-Dichloropropene		7.783	75	14368	4.719	ug/l #	50
37) Ethyl Acetate		6.972	43	3629	2.267	ug/l #	1
38) Carbon Tetrachloride		7.783	117	17744	5.239	ug/l #	16
76) 1,2,3-Trichloropropane		12.477	75	68222	43.680	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.477	75	68222	96.984	ug/l #	7

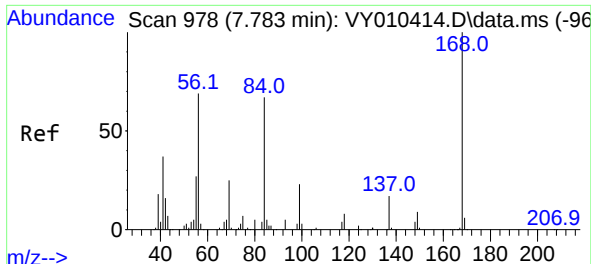
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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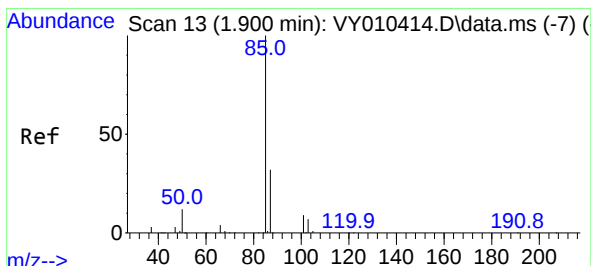
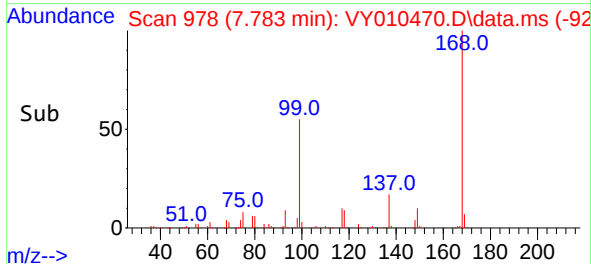
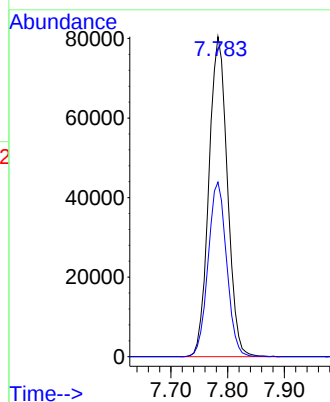
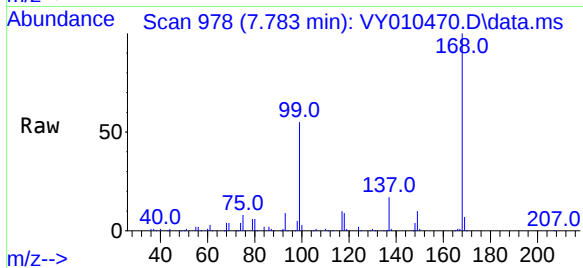




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

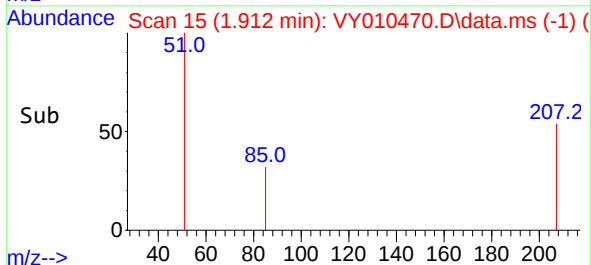
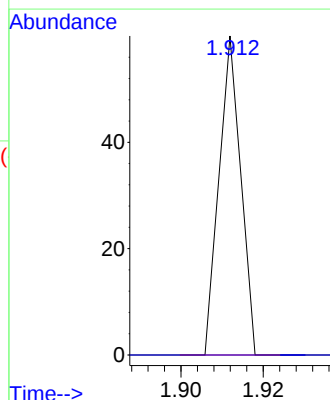
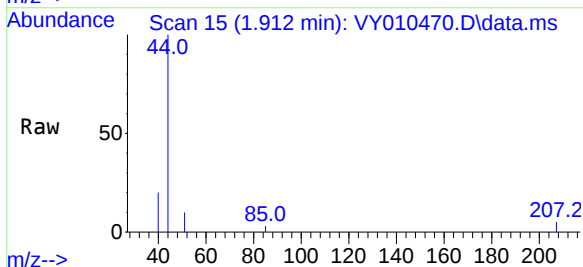
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(25-35)

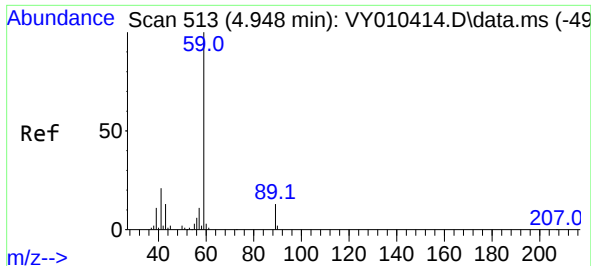
Tgt Ion:168 Resp: 182440
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY010470.D

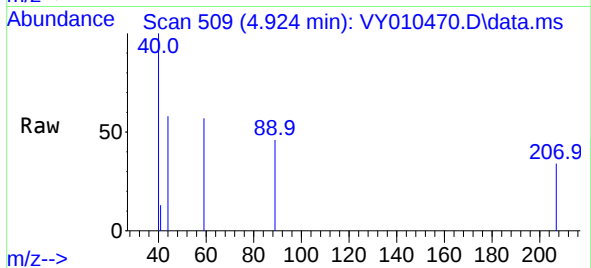
Acq: 13 Sep 2022 19:40

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-5-(25-35)

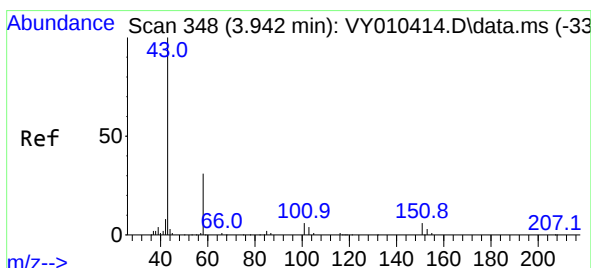
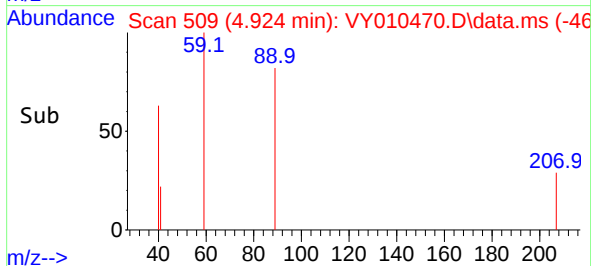
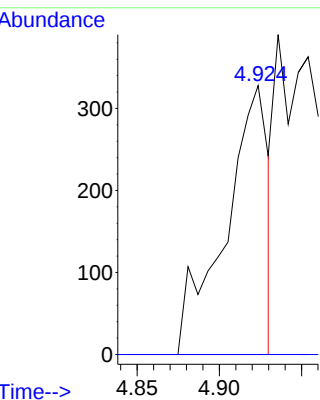


Tgt Ion: 59 Resp: 600

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.668 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010470.D

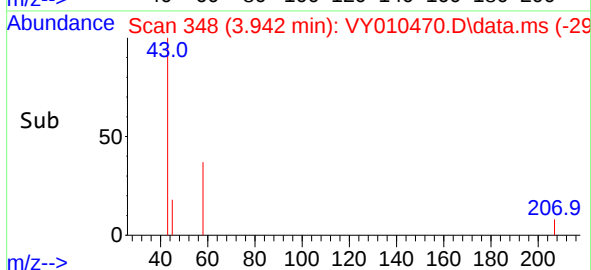
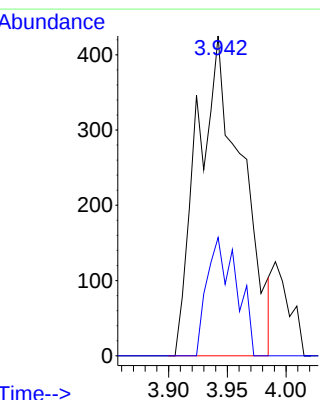
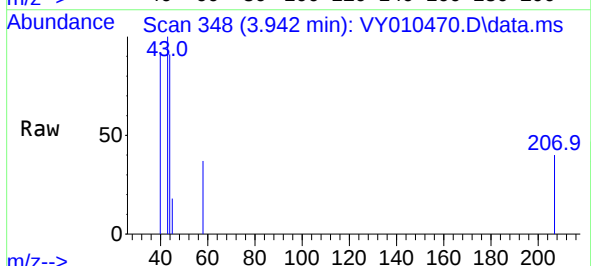
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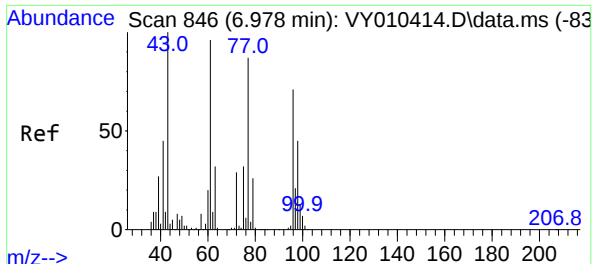
Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

58 36.9 22.0 33.0#





#25

2-Butanone

Concen: 5.415 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010470.D

Acq: 13 Sep 2022 19:40

Instrument :

MSVOA_Y

ClientSampleId :

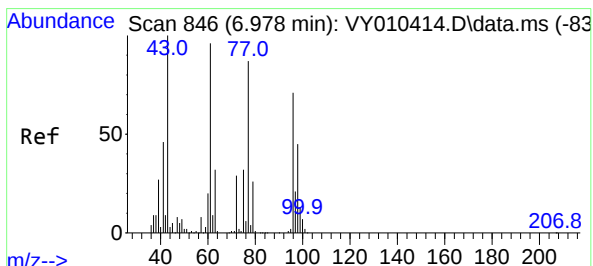
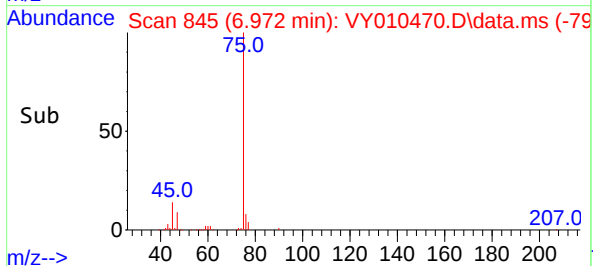
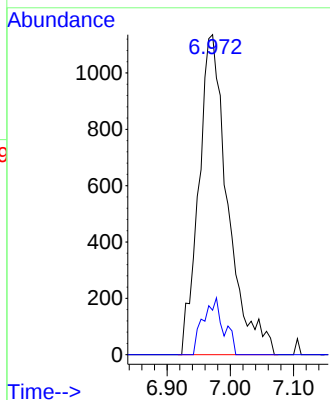
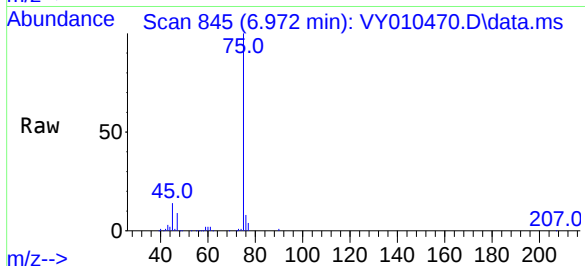
SASP2-T-5-(25-35)

Tgt Ion: 43 Resp: 3629

Ion Ratio Lower Upper

43 100

72 13.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.515 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010470.D

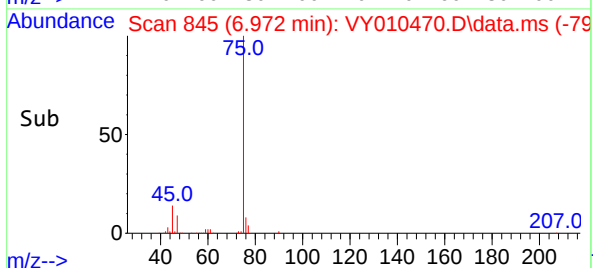
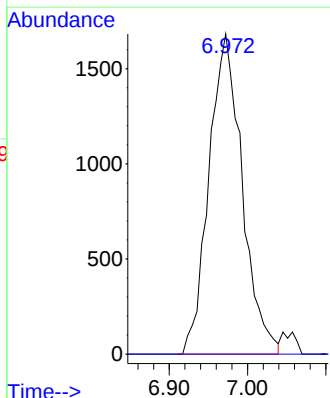
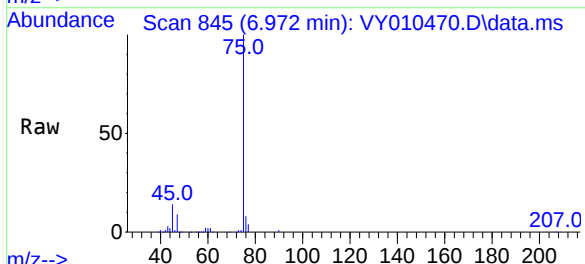
Acq: 13 Sep 2022 19:40

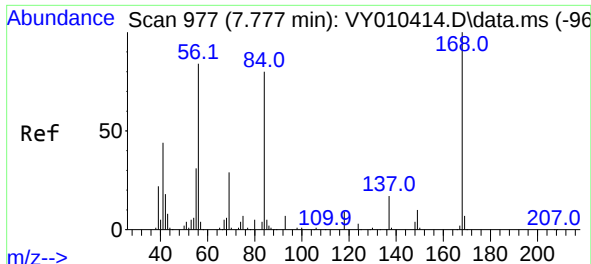
Tgt Ion: 77 Resp: 4949

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

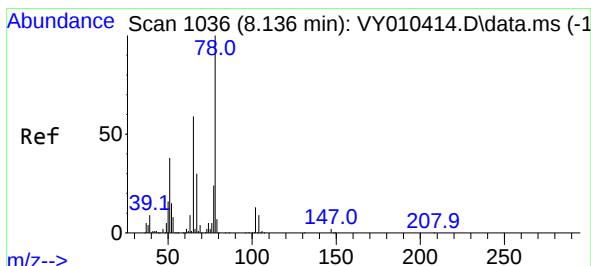
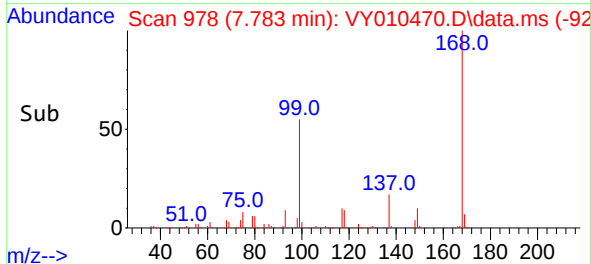
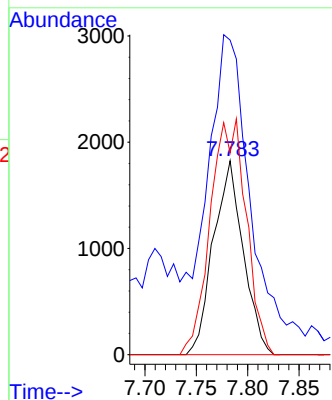
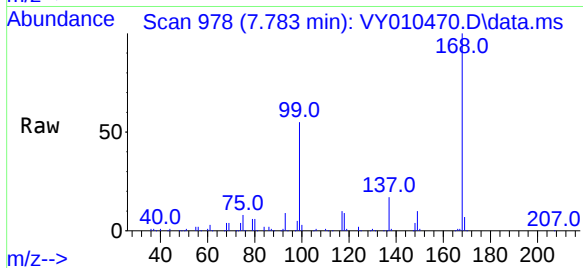




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

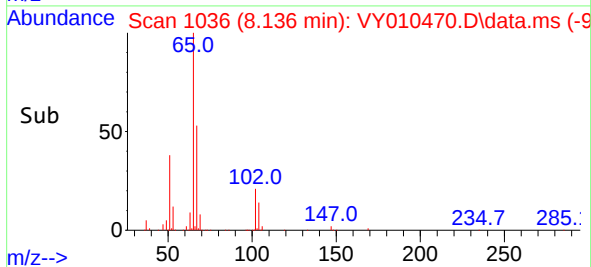
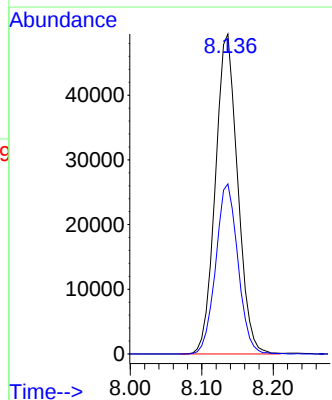
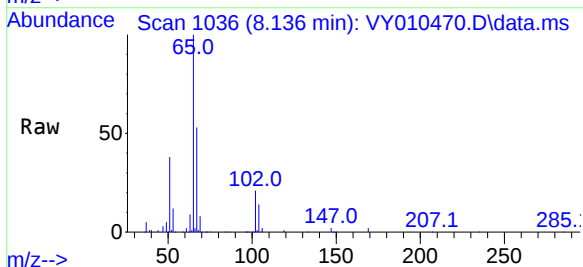
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(25-35)

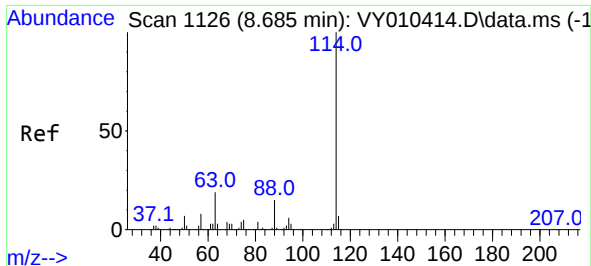
Tgt Ion: 56 Resp: 3695
Ion Ratio Lower Upper
56 100
69 143.1 26.7 40.1#
84 104.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.303 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 65 Resp: 107130
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

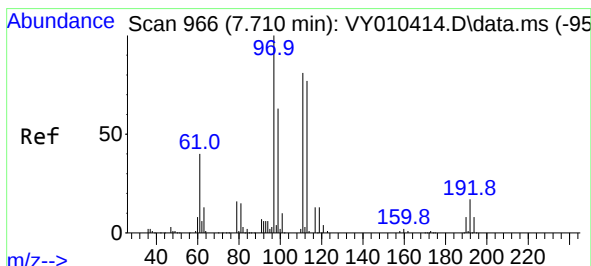
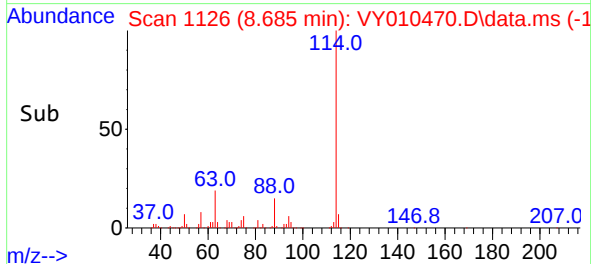
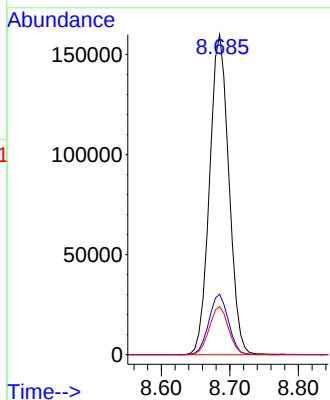
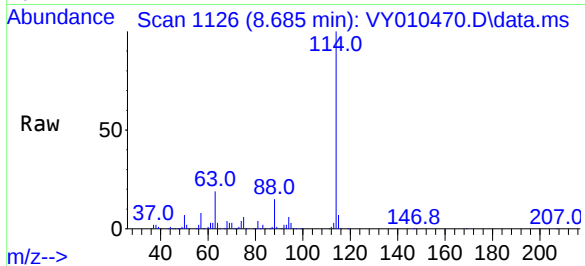




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

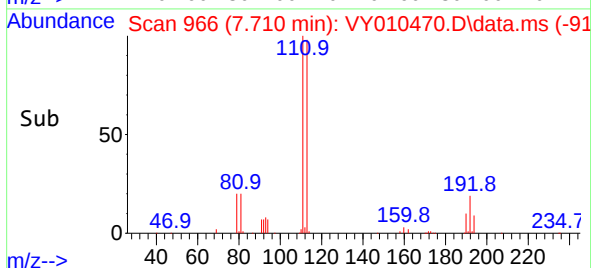
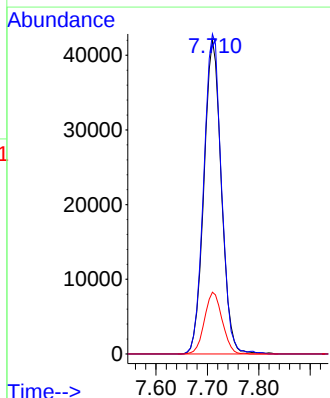
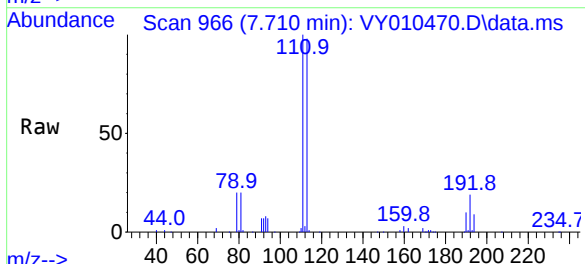
Instrument :
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ClientSampleId :
SASP2-T-5-(25-35)

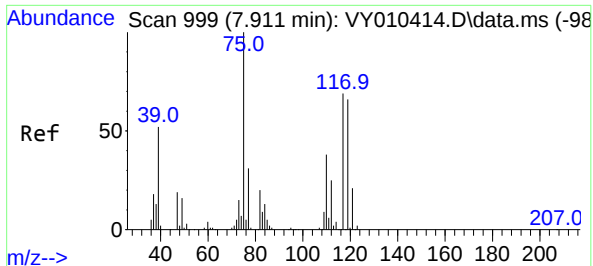
Tgt Ion:	114	Resp:	313138
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 44.505 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Tgt Ion:	113	Resp:	98975
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	20.0	17.6	26.4

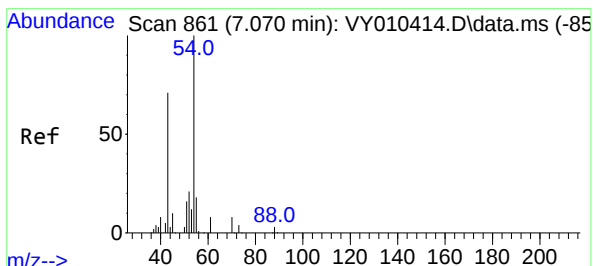
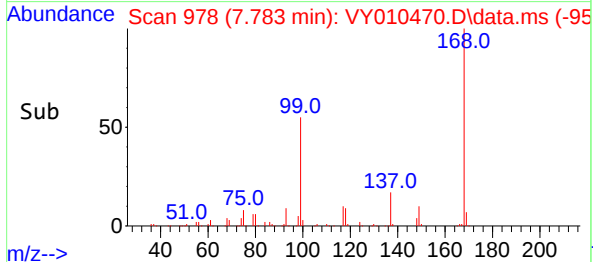
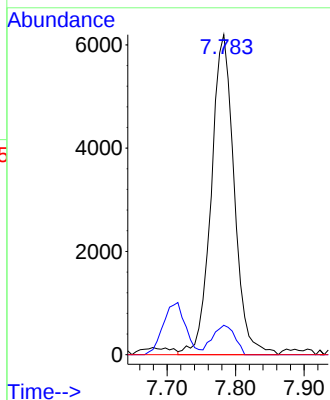
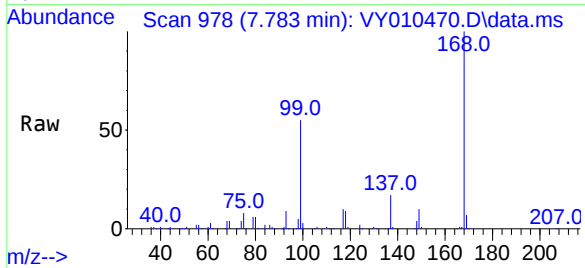




#36
1,1-Dichloropropene
Concen: 4.719 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

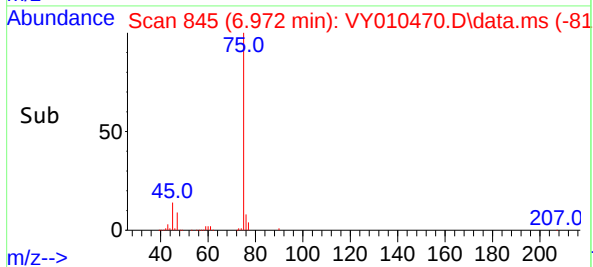
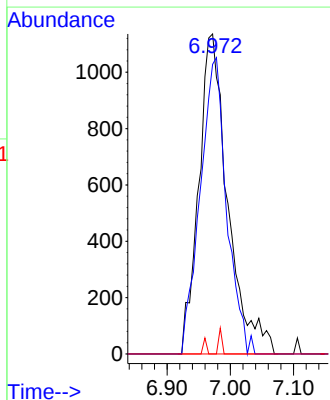
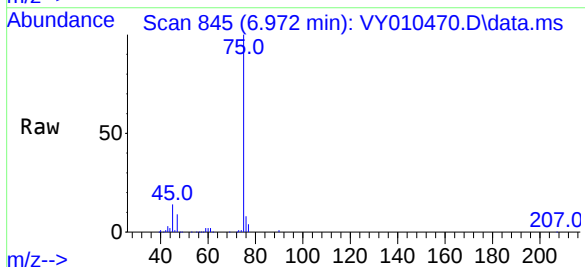
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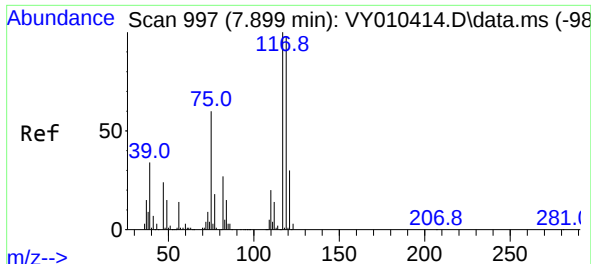
Tgt Ion: 75 Resp: 14368
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.267 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 43 Resp: 3629
Ion Ratio Lower Upper
43 100
61 84.3 9.7 14.5#
70 0.9 7.1 10.7#

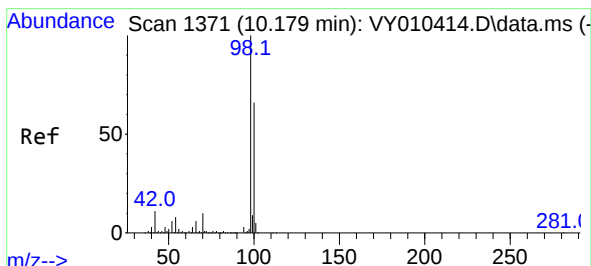
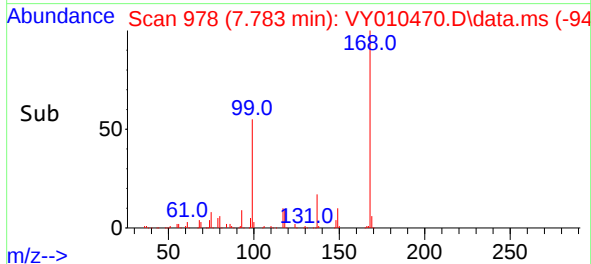
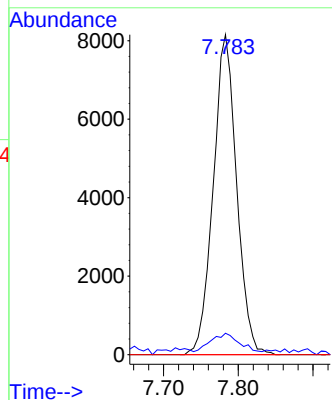
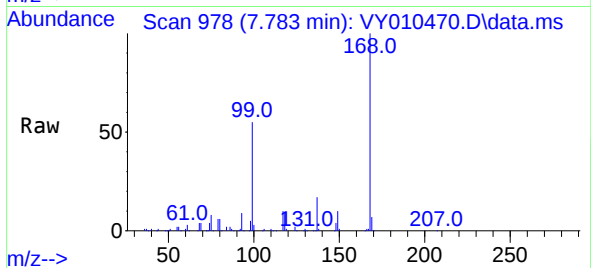




#38
Carbon Tetrachloride
Concen: 5.239 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

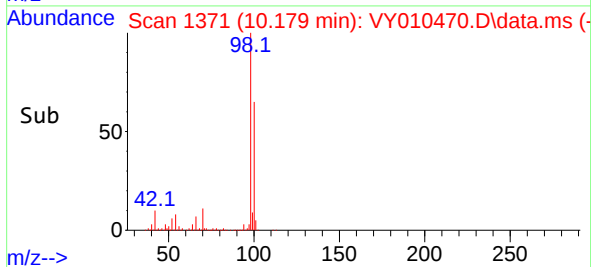
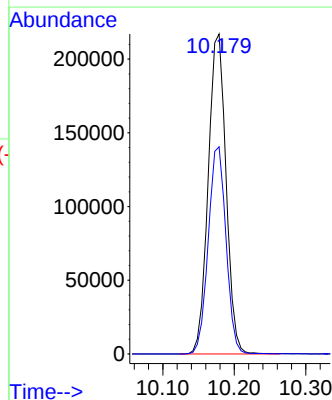
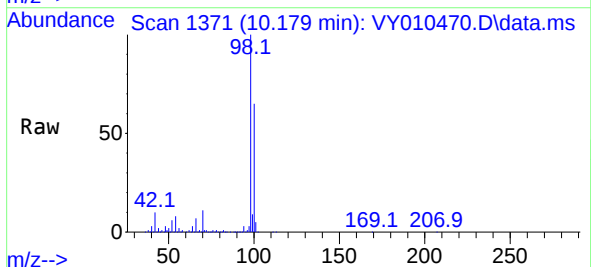
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(25-35)

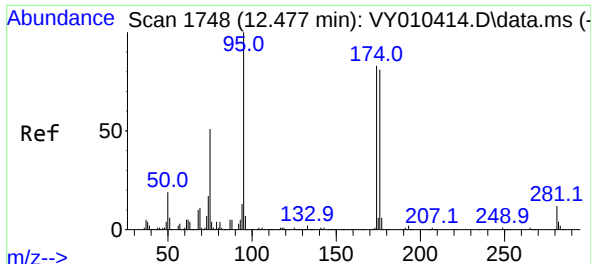
Tgt Ion:117 Resp: 17744
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.152 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 98 Resp: 375889
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

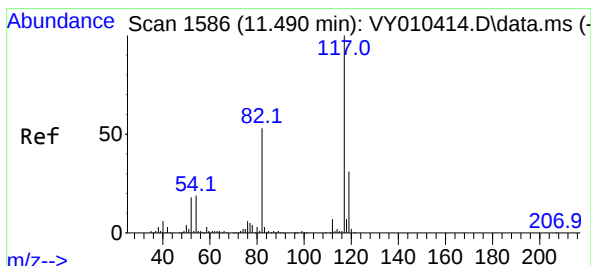
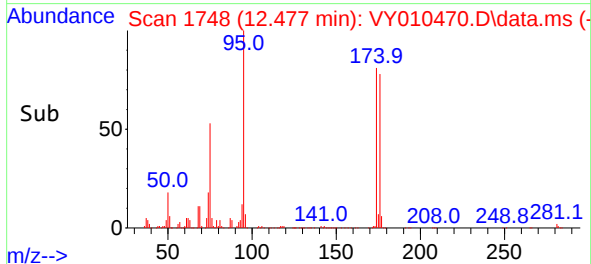
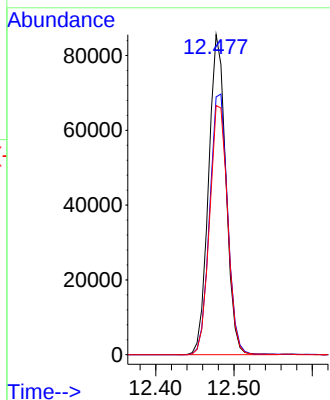
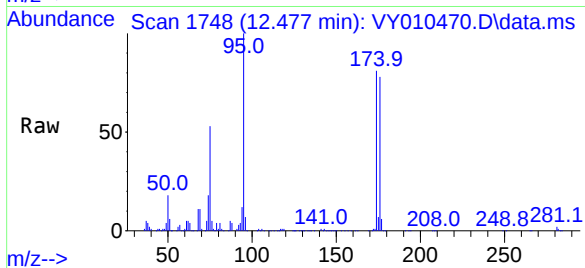




#62
4-Bromofluorobenzene
Concen: 45.275 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

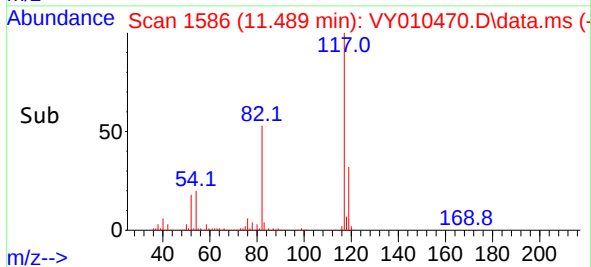
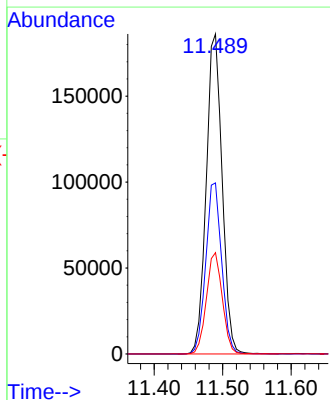
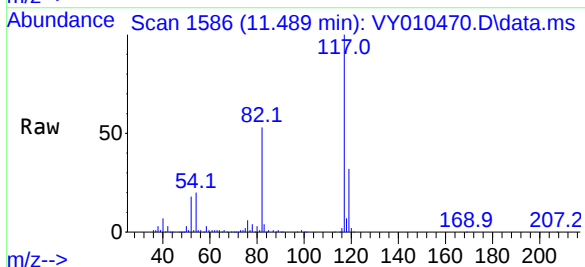
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(25-35)

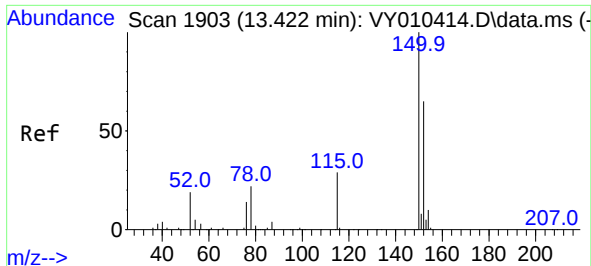
Tgt Ion: 95 Resp: 131010
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 117 Resp: 301087
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.7 25.4 38.0

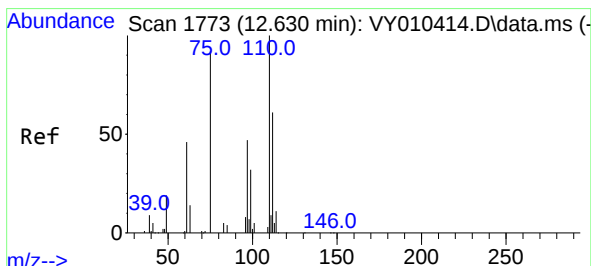
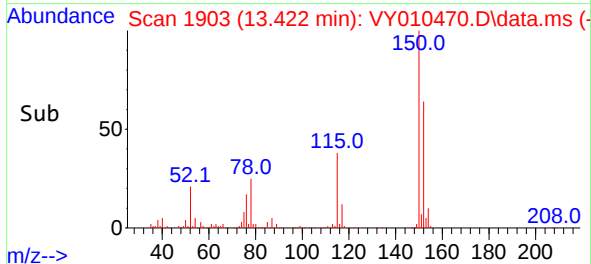
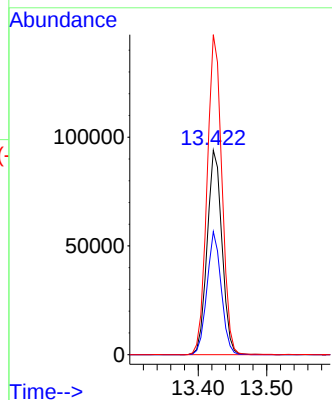
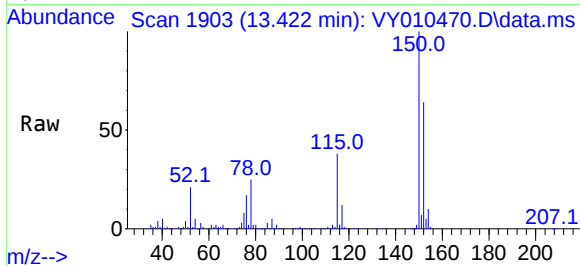




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010470.D
 Acq: 13 Sep 2022 19:40

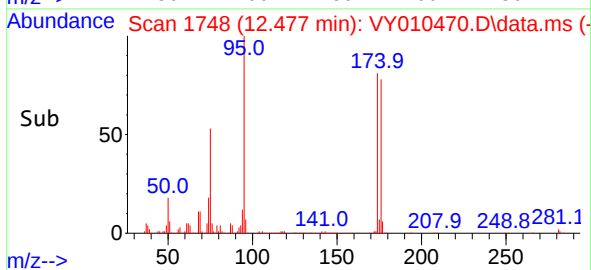
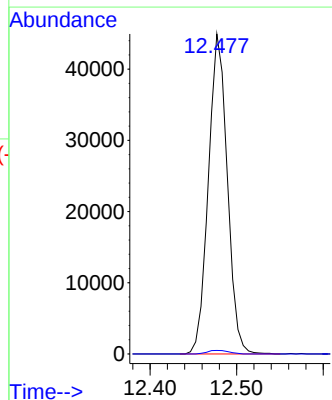
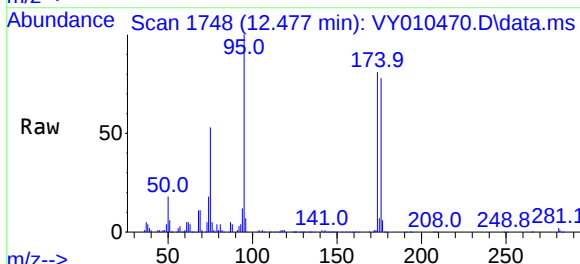
Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-5-(25-35)

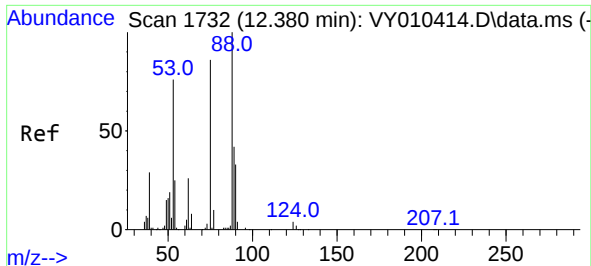
Tgt Ion:152 Resp: 141517
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.680 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010470.D
 Acq: 13 Sep 2022 19:40

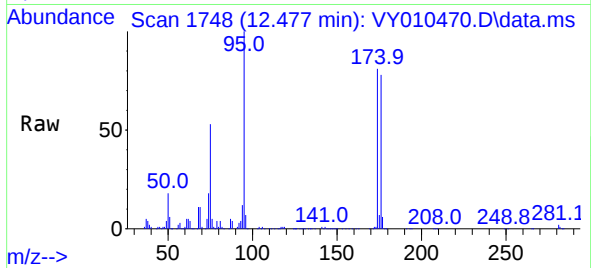
Tgt Ion: 75 Resp: 68222
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.984 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY010470.D
Acq: 13 Sep 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-5-(25-35)



Tgt Ion: 75 Resp: 68222
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

