

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009610.D
 Acq On : 20 Jul 2022 14:20
 Operator : KP/MD
 Sample : N3652-06
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1A-(24-30)

Quant Time: Jul 21 02:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

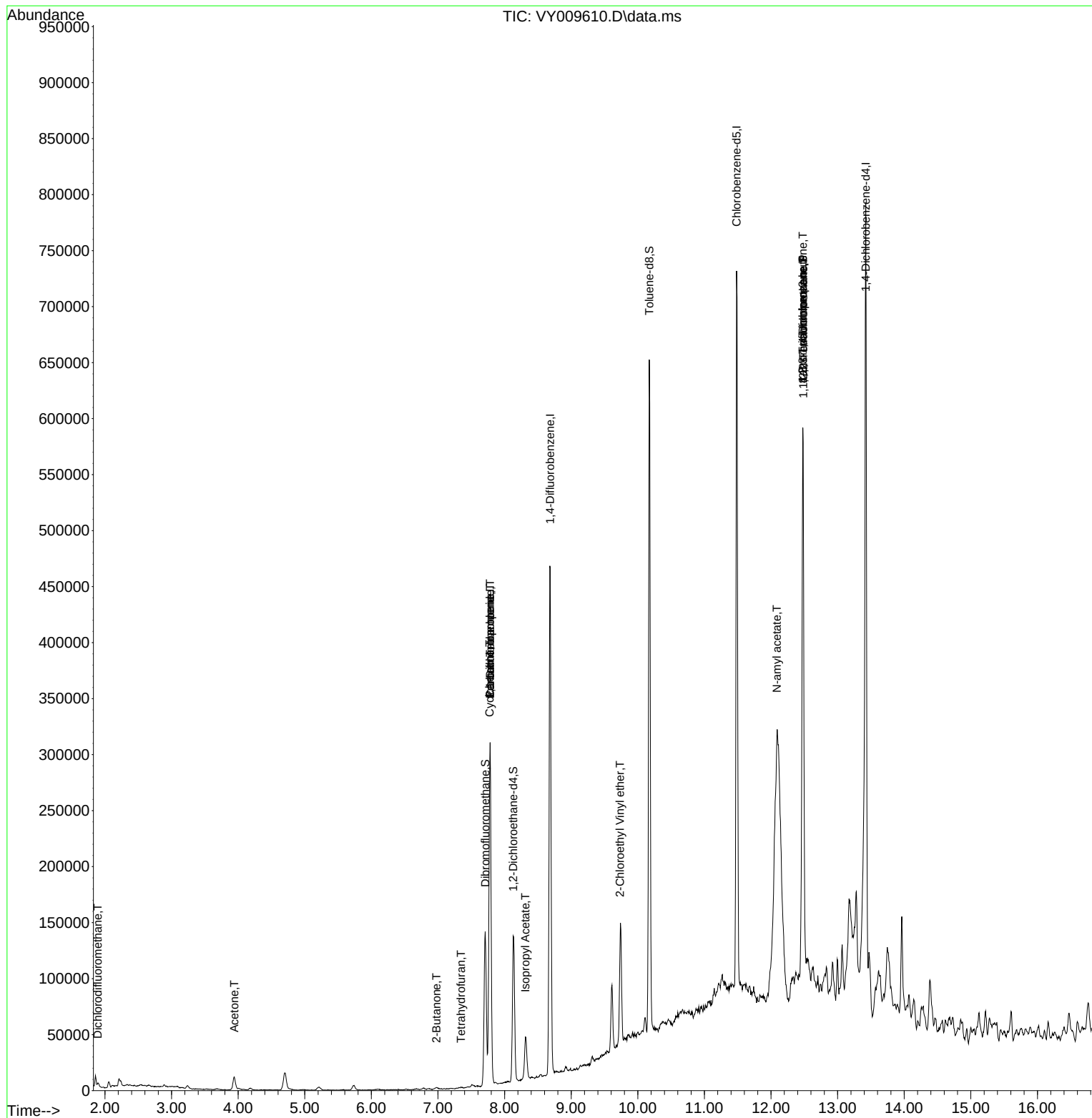
Internal Standards						
1) Pentafluorobenzene	7.783	168	251427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	410961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	364670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	100880	42.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.840%
35) Dibromofluoromethane	7.710	113	99684	38.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.000%
50) Toluene-d8	10.173	98	404036	40.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	81.180%
62) 4-Bromofluorobenzene	12.477	95	131750	40.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	81.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	2504	1.135	ug/l	84
11) Tert butyl alcohol	4.954	59	330	Below Cal	#	77
16) Acetone	3.942	43	20405	33.922	ug/l #	79
20) Methylene Chloride	4.698	84	11307	Below Cal	#	79
25) 2-Butanone	6.978	43	2727	3.108	ug/l #	84
29) Tetrahydrofuran	7.344	42	621	1.078	ug/l #	84
31) Cyclohexane	7.777	56	4986	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16502	4.313	ug/l #	51
38) Carbon Tetrachloride	7.783	117	22919	5.723	ug/l #	15
43) Isopropyl Acetate	8.313	43	7773	1.992	ug/l #	56
58) 2-Chloroethyl Vinyl ether	9.734	63	508	28.571	ug/l #	48
74) N-amyl acetate	12.087	43	10876	3.558	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.483	83	7185	3.121	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	63573	40.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63573	79.265	ug/l #	10

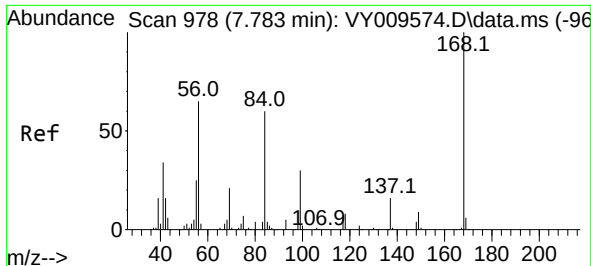
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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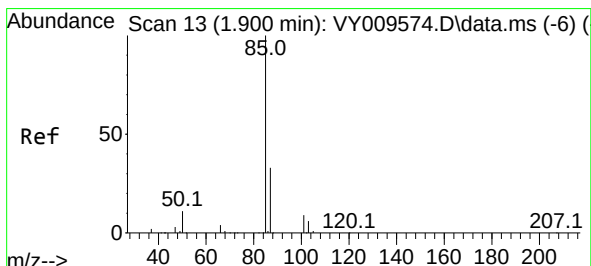
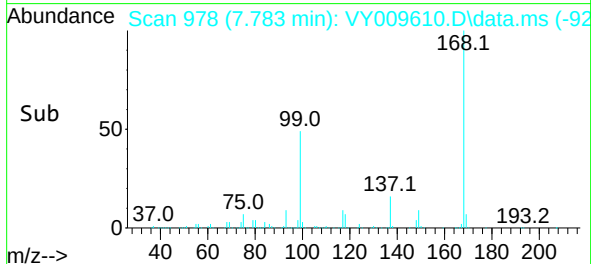
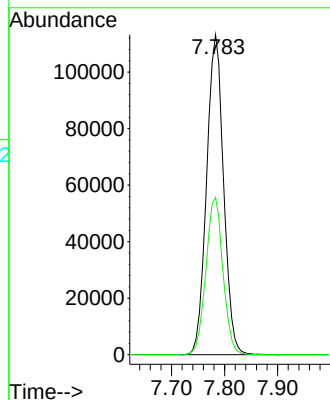
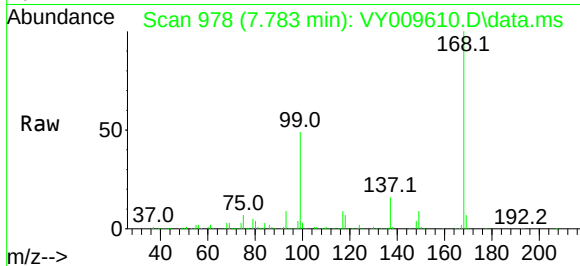




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

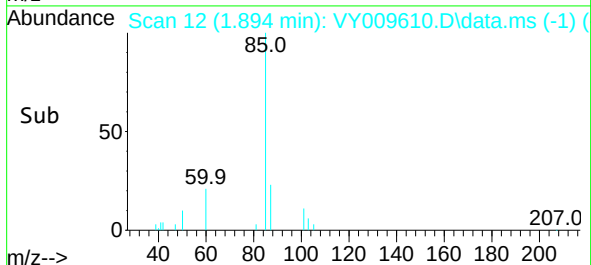
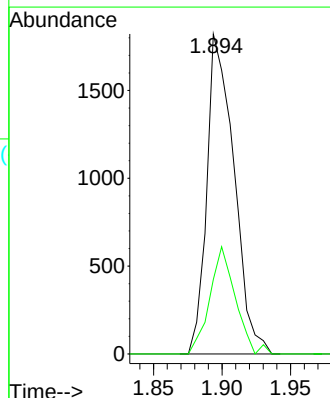
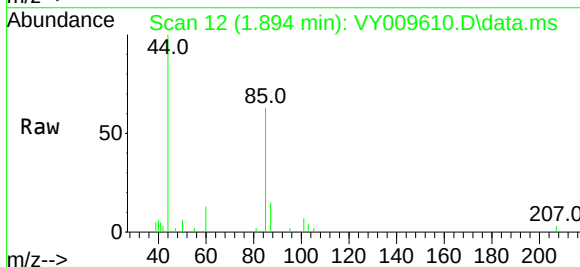
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

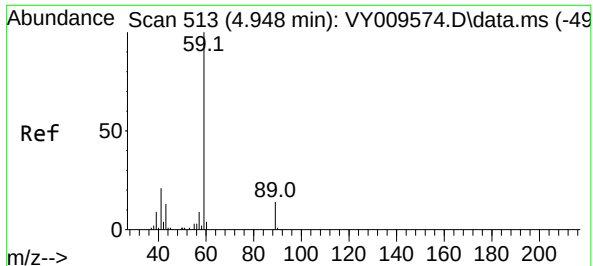
Tgt Ion:168 Resp: 251427
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.135 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 85 Resp: 2504
Ion Ratio Lower Upper
85 100
87 23.2 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY009610.D

Acq: 20 Jul 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

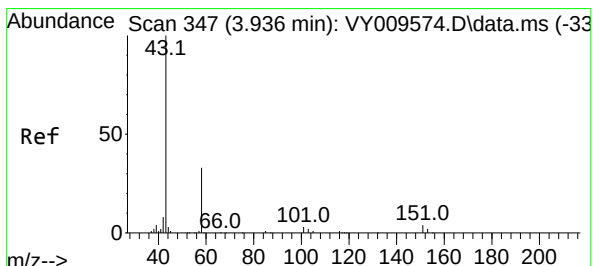
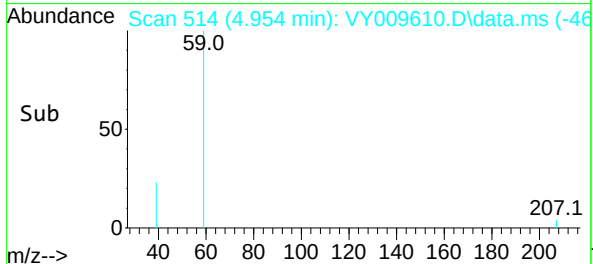
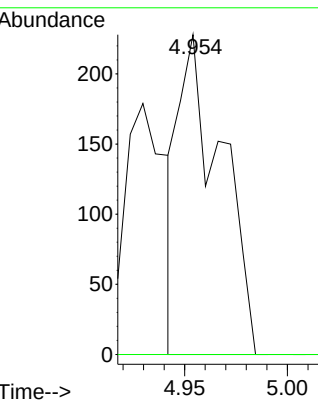
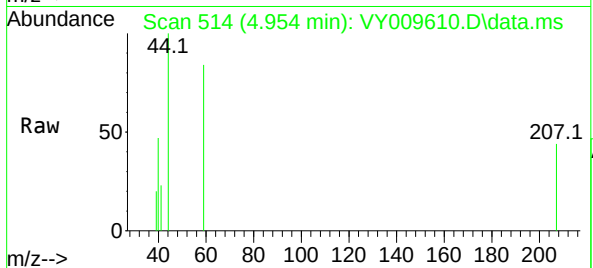
SED-1A-(24-30)

Tgt Ion: 59 Resp: 330

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 33.922 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009610.D

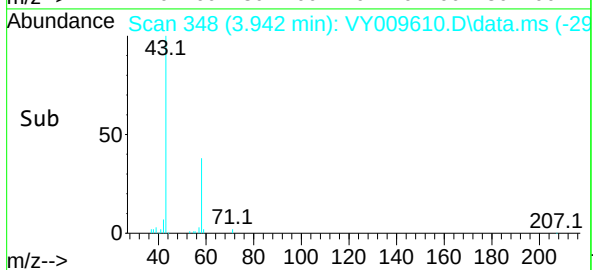
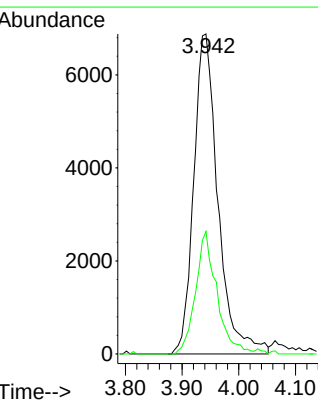
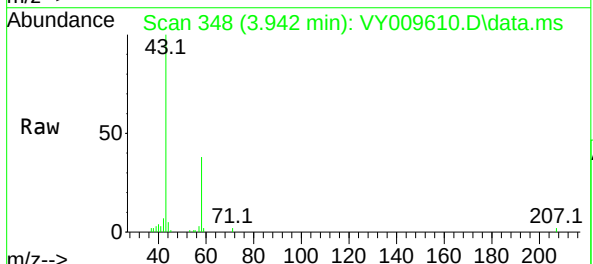
Acq: 20 Jul 2022 14:20

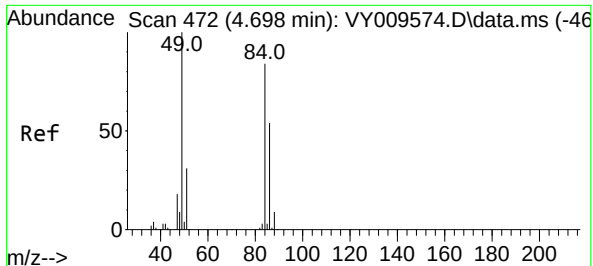
Tgt Ion: 43 Resp: 20405

Ion Ratio Lower Upper

43 100

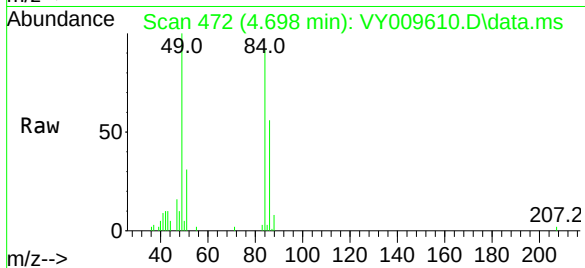
58 38.3 22.0 33.0#





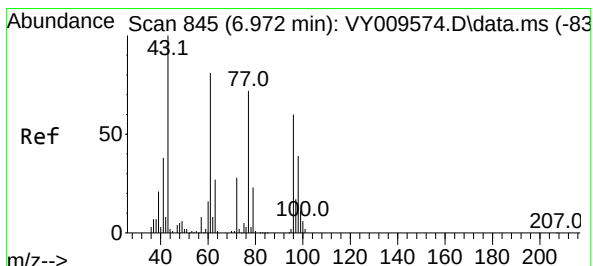
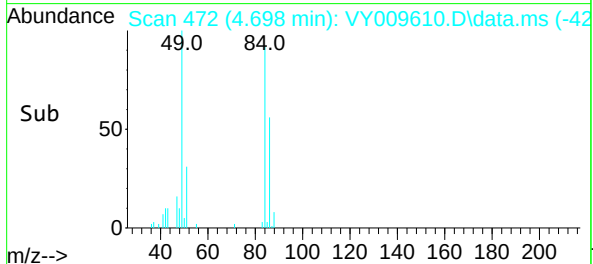
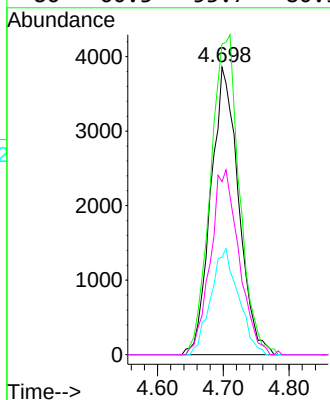
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)



Tgt Ion: 84 Resp: 11307

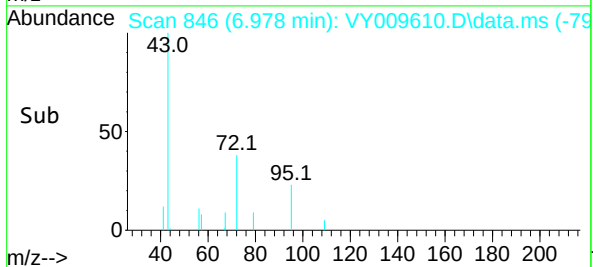
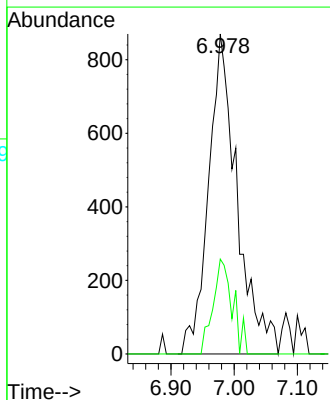
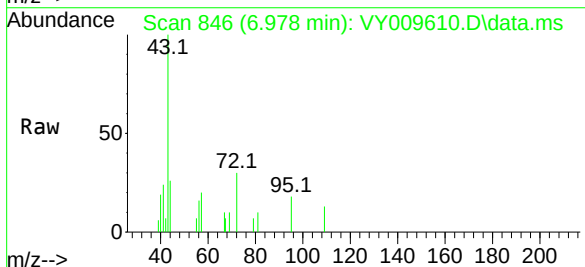
Ion	Ratio	Lower	Upper
84	100		
49	108.1	114.4	171.6#
51	34.0	35.3	52.9#
86	60.3	53.7	80.5

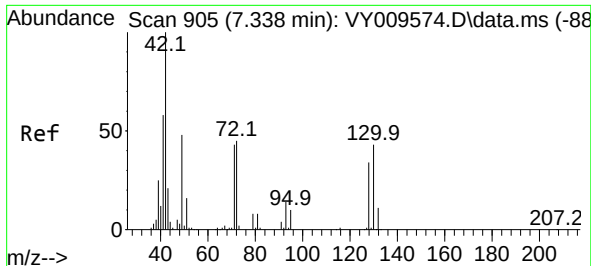


#25
2-Butanone
Concen: 3.108 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 43 Resp: 2727

Ion	Ratio	Lower	Upper
43	100		
72	29.7	17.7	26.5#

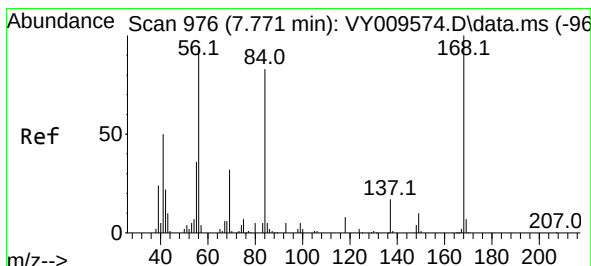
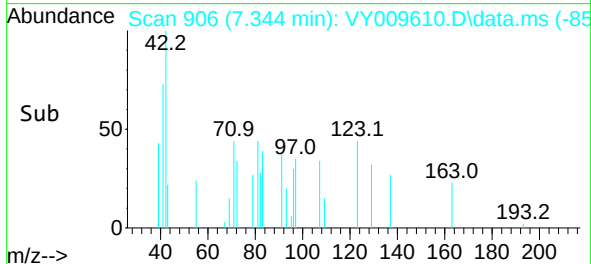
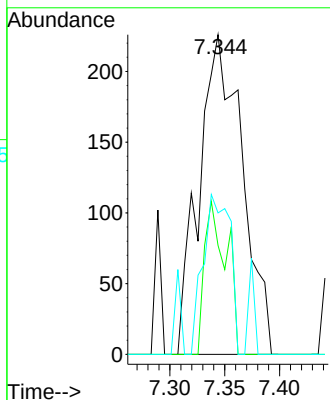
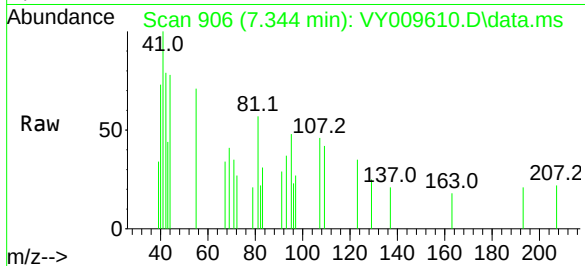




#29
Tetrahydrofuran
Concen: 1.078 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

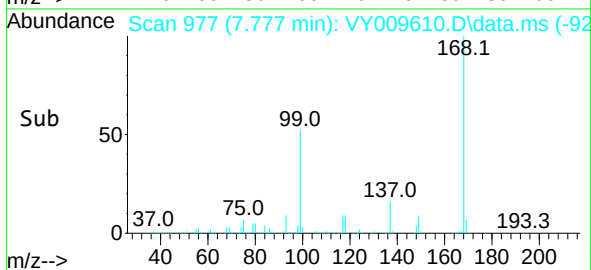
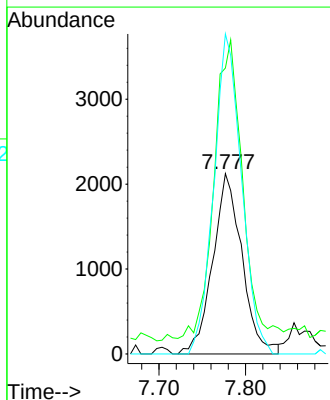
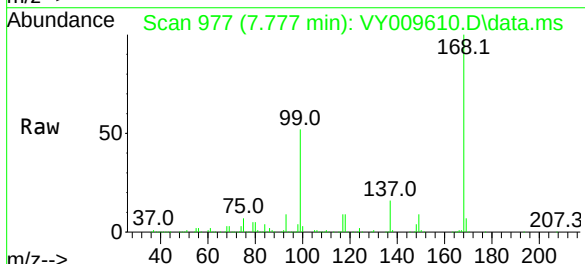
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

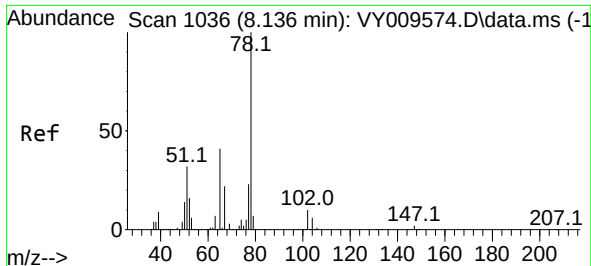
Tgt Ion: 42 Resp: 621
Ion Ratio Lower Upper
42 100
72 24.3 30.3 45.5#
71 31.2 29.0 43.4



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 56 Resp: 4986
Ion Ratio Lower Upper
56 100
69 149.9 26.7 40.1#
84 177.4 67.2 100.8#

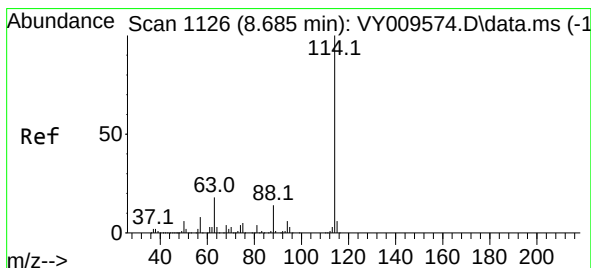
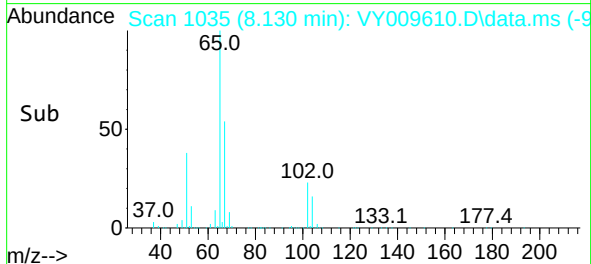
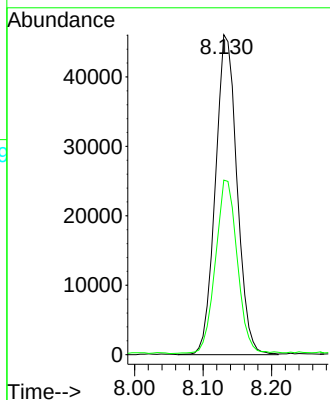
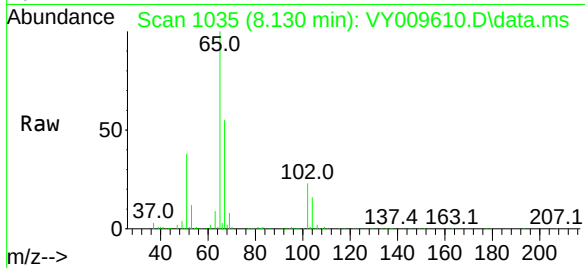




#33
 1,2-Dichloroethane-d4
 Concen: 42.424 ug/l
 RT: 8.130 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY009610.D
 Acq: 20 Jul 2022 14:20

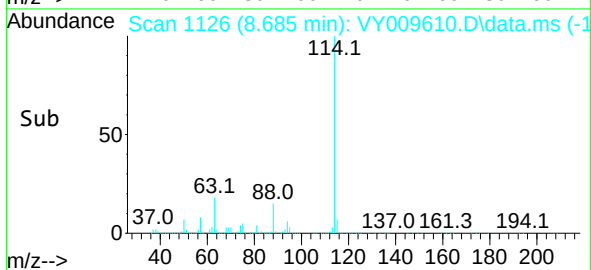
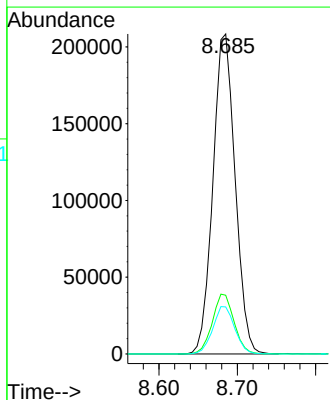
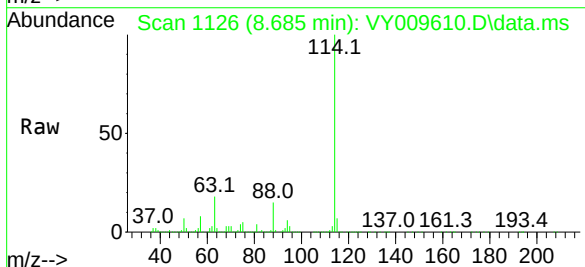
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 SED-1A-(24-30)

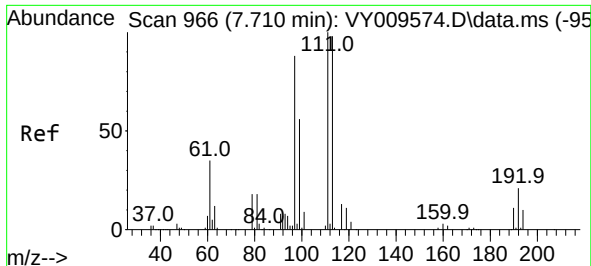
Tgt Ion: 65 Resp: 100880
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009610.D
 Acq: 20 Jul 2022 14:20

Tgt Ion: 114 Resp: 410961
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.2
 88 14.7 0.0 31.8

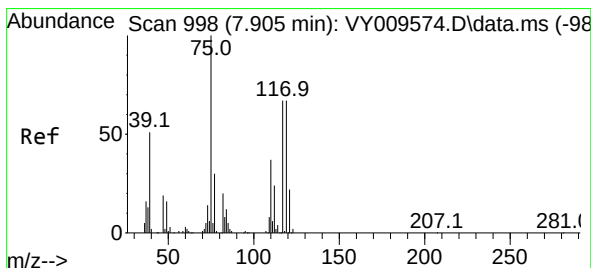
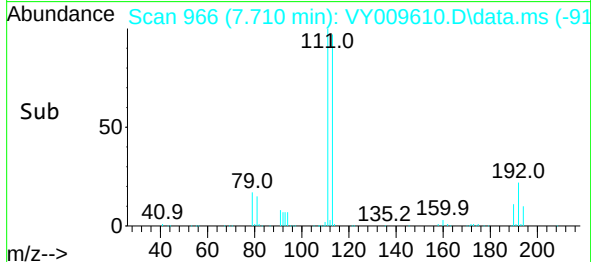
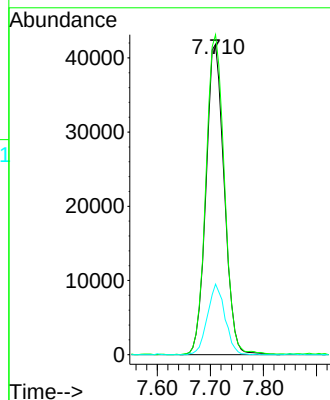
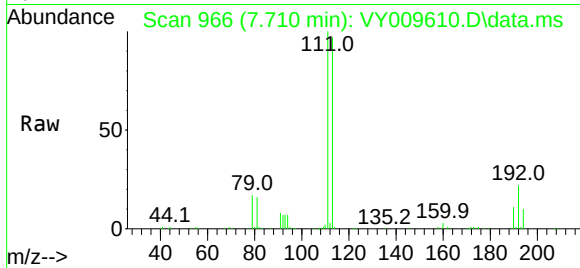




#35
Dibromofluoromethane
Concen: 38.502 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

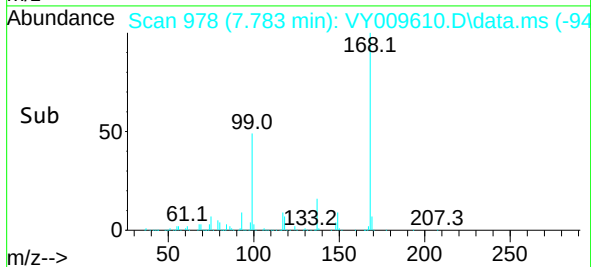
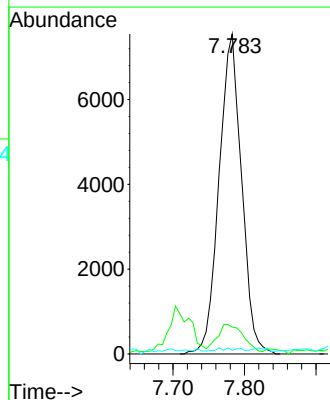
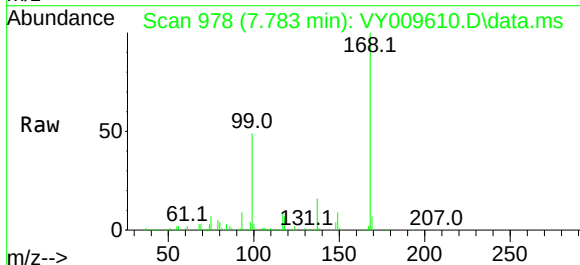
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SED-1A-(24-30)

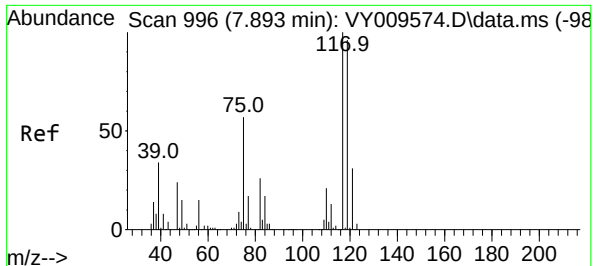
Tgt Ion:113 Resp: 99684
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.313 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 75 Resp: 16502
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.3 24.4 36.6#

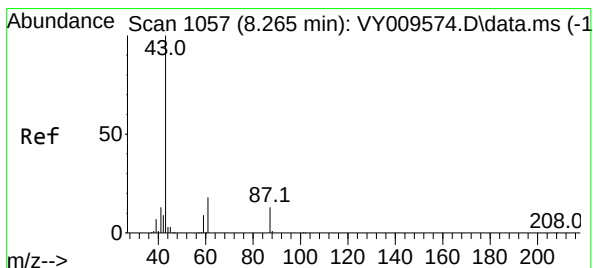
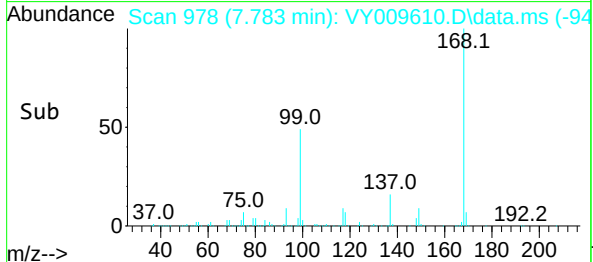
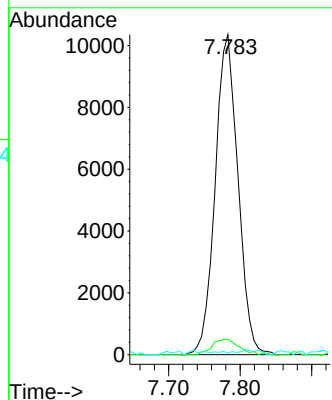
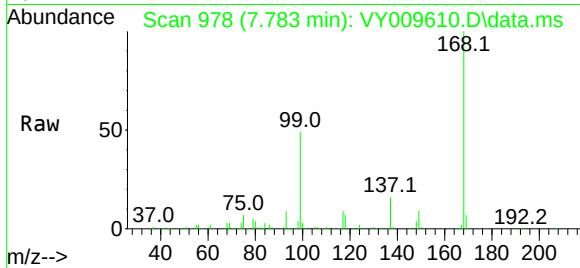




#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

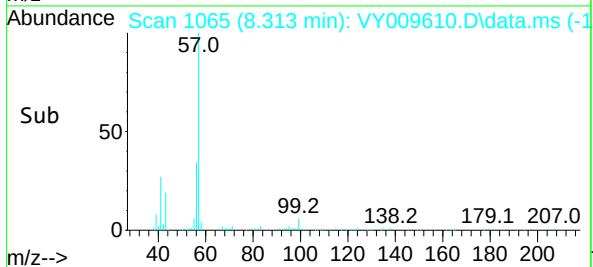
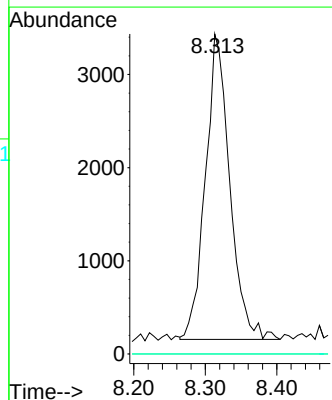
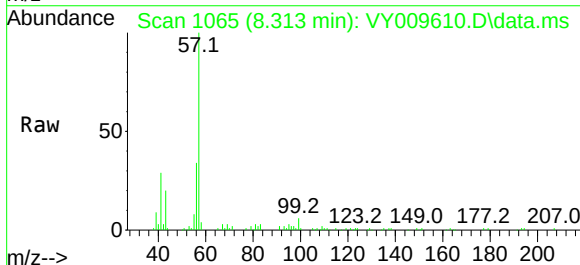
Instrument :
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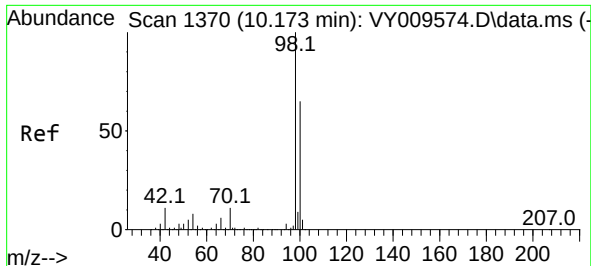
Tgt Ion:117 Resp: 22919
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.992 ug/l
RT: 8.313 min Scan# 1065
Delta R.T. 0.049 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 43 Resp: 7773
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#

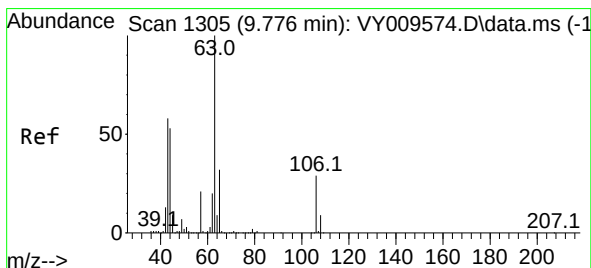
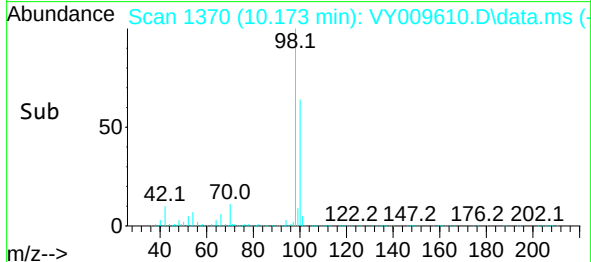
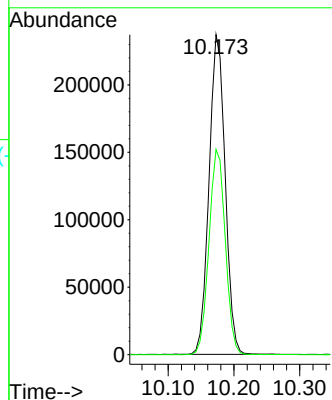
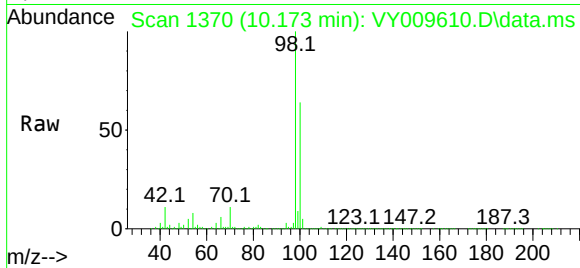




#50
Toluene-d8
Concen: 40.594 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

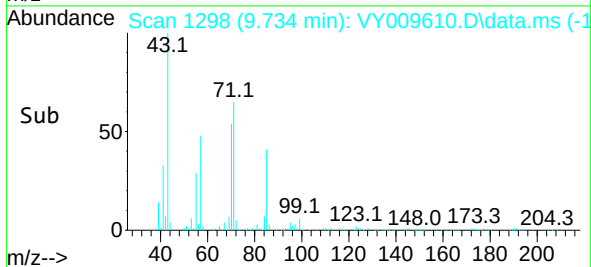
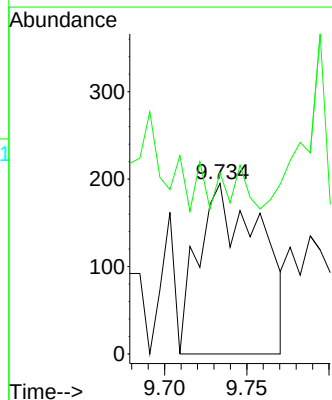
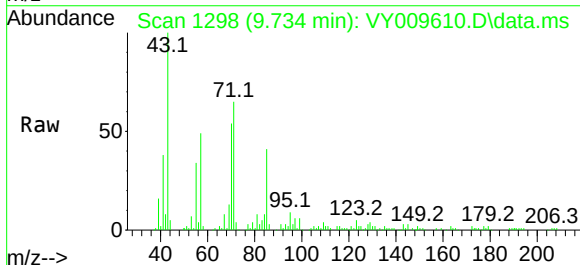
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

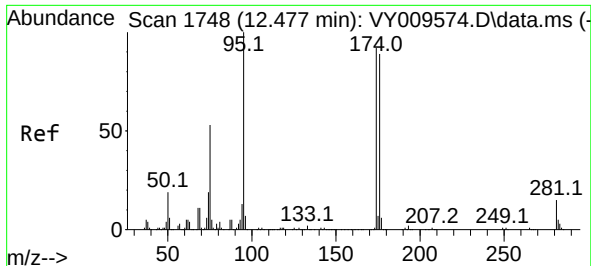
Tgt Ion: 98 Resp: 404036
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 28.571 ug/l
RT: 9.734 min Scan# 1298
Delta R.T. -0.042 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 63 Resp: 508
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

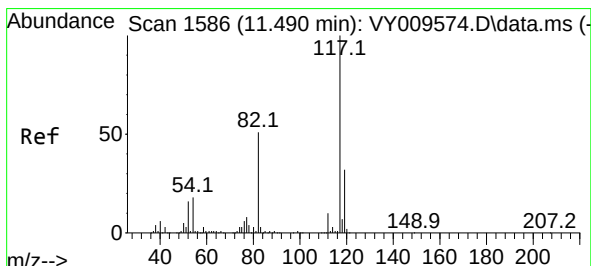
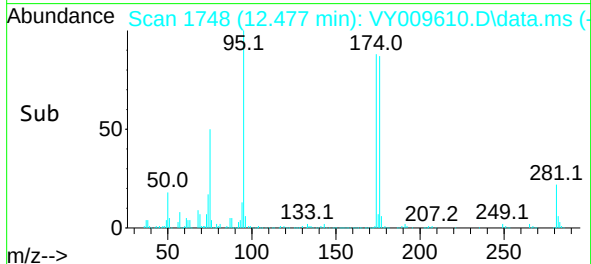
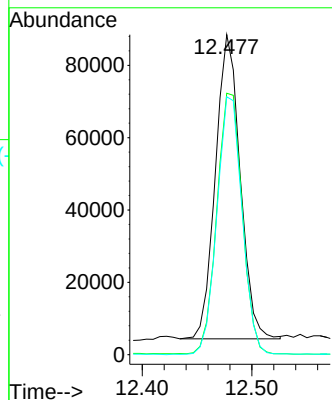
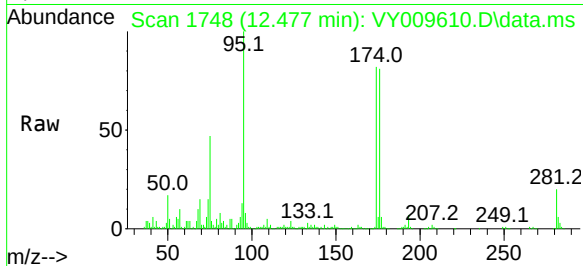




#62
4-Bromofluorobenzene
Concen: 40.852 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

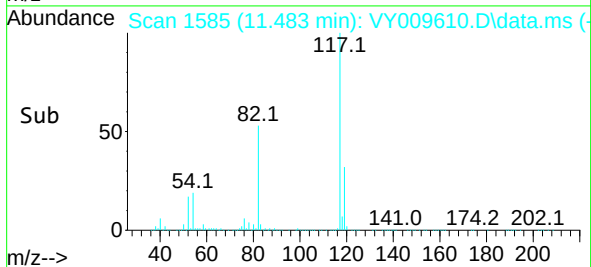
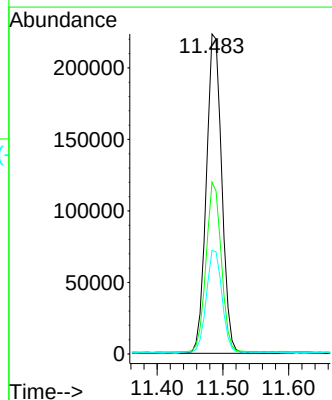
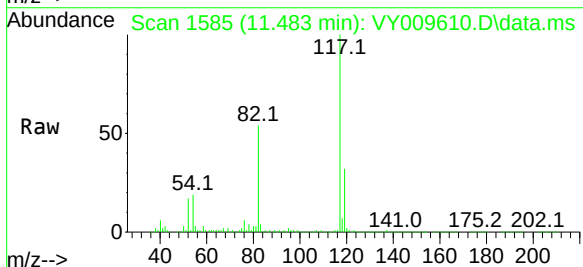
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

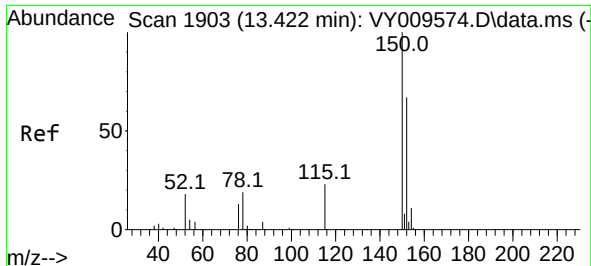
Tgt Ion: 95 Resp: 131750
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 86.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 117 Resp: 364670
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.0 25.4 38.0

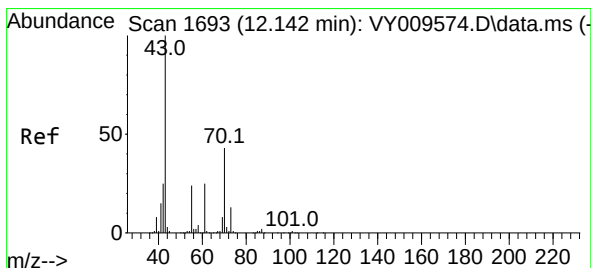
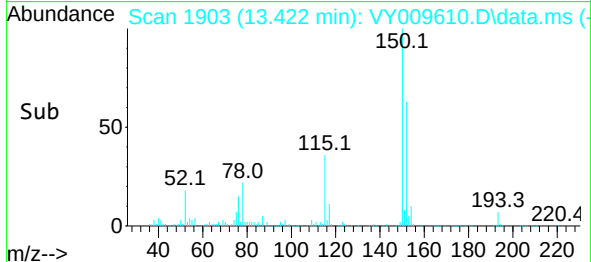
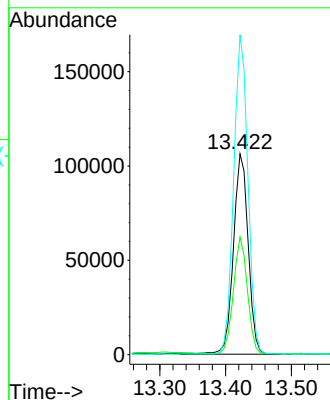
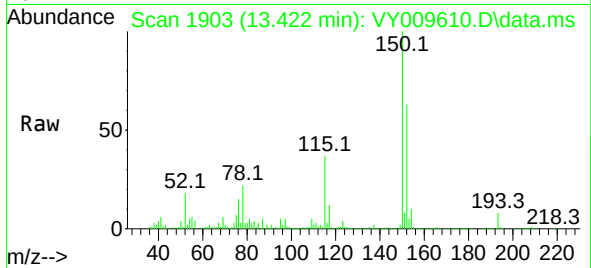




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

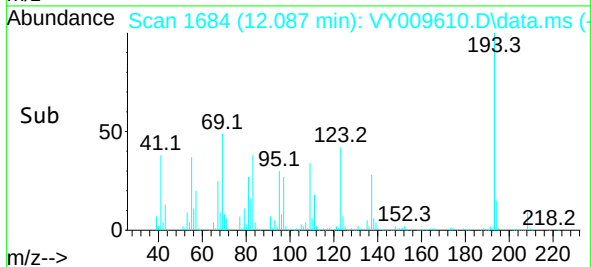
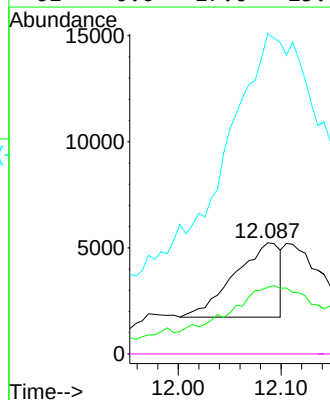
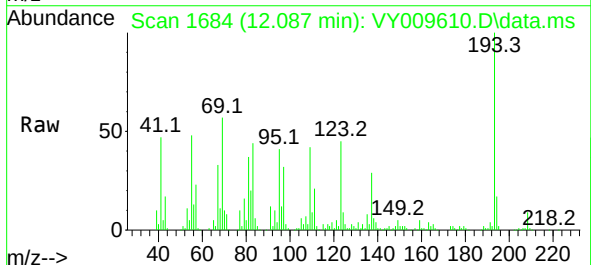
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

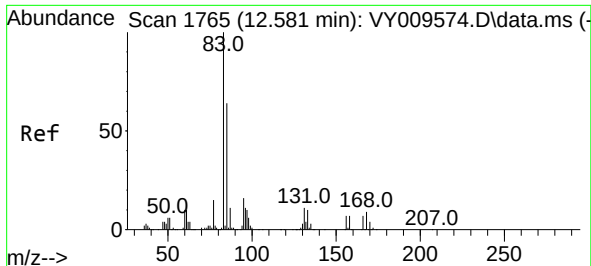
Tgt Ion:152 Resp: 166012
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 153.9 0.0 347.6



#74
N-ethyl acetate
Concen: 3.558 ug/l
RT: 12.087 min Scan# 1684
Delta R.T. -0.055 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 43 Resp: 10876
Ion Ratio Lower Upper
43 100
70 168.7 28.7 43.1#
55 840.2 17.3 25.9#
61 0.0 17.0 25.6#

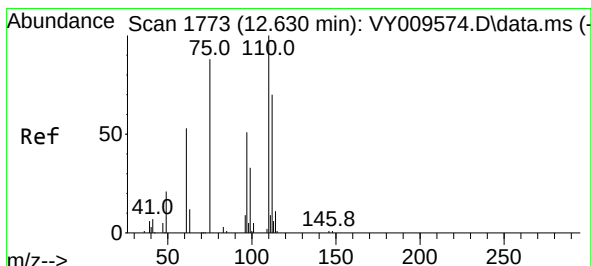
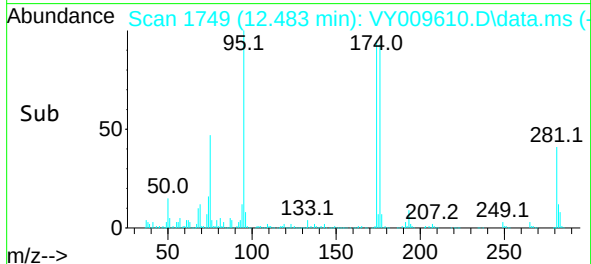
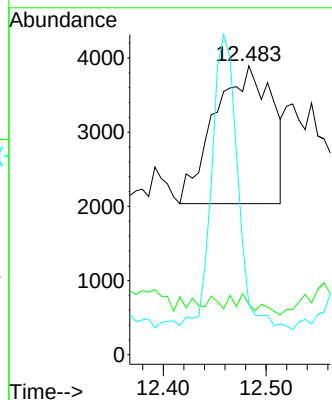
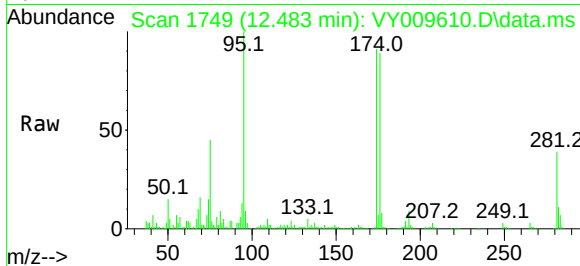




#75
 1,1,2-Tetrachloroethane
 Concen: 3.121 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.098 min
 Lab File: VY009610.D
 Acq: 20 Jul 2022 14:20

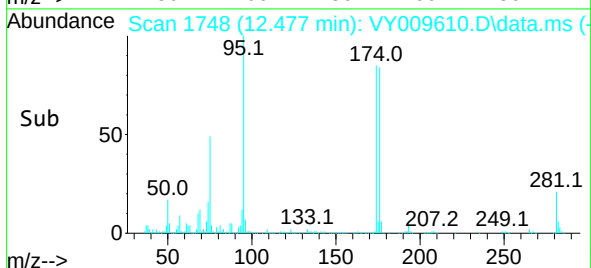
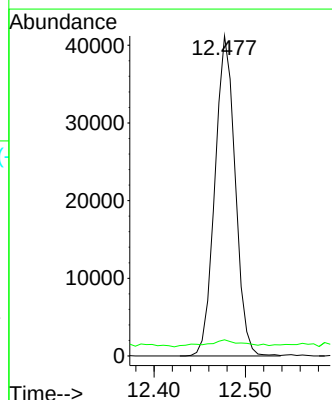
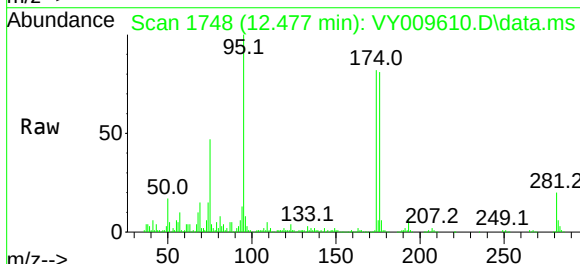
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1A-(24-30)

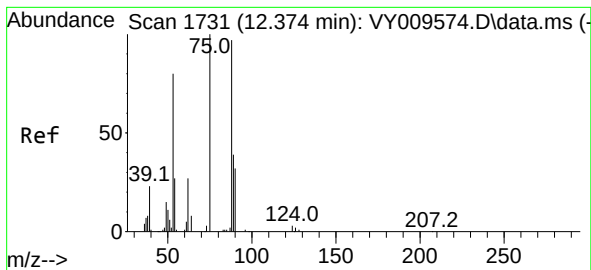
Tgt Ion: 83 Resp: 7185
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 40.199 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009610.D
 Acq: 20 Jul 2022 14:20

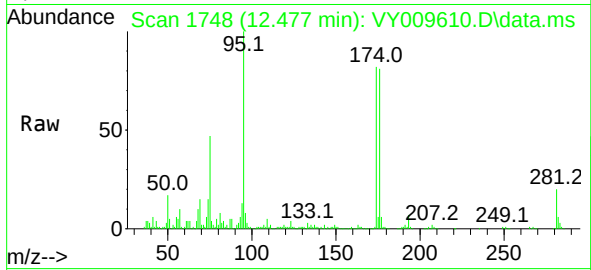
Tgt Ion: 75 Resp: 63573
 Ion Ratio Lower Upper
 75 100
 77 3.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.265 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009610.D
 Acq: 20 Jul 2022 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1A-(24-30)



Tgt Ion: 75 Resp: 63573
 Ion Ratio Lower Upper
 75 100
 53 3.2 85.3 127.9#
 89 0.6 37.0 55.4#

