

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019127.D
 Acq On : 19 Aug 2024 19:26
 Operator : SY/MD
 Sample : P3641-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:49:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

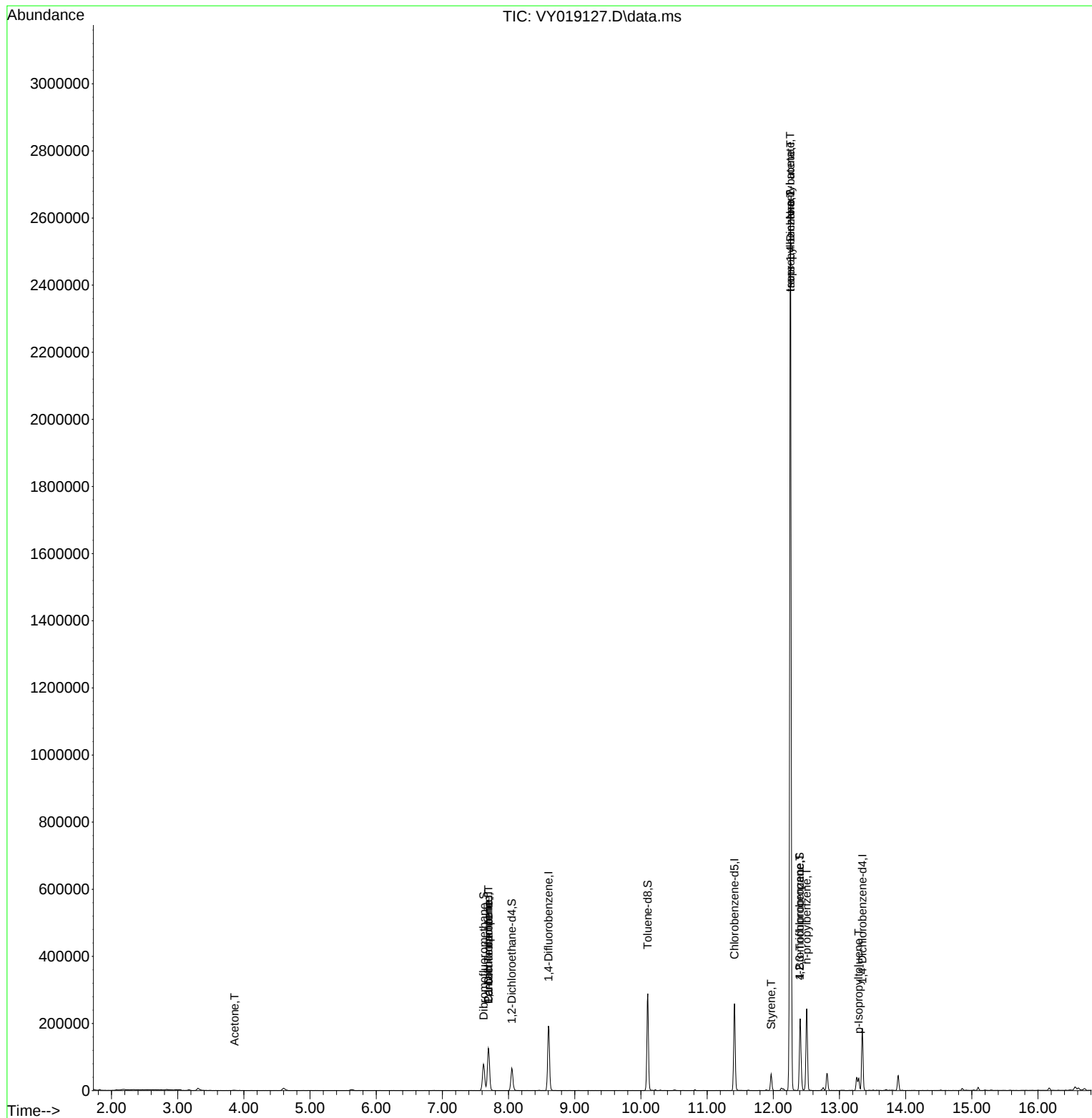
Internal Standards						
1) Pentafluorobenzene	7.695	168	97396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	168754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	50167	51.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.622	113	53814	48.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.540%	
50) Toluene-d8	10.103	98	181618	45.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.480%	
62) 4-Bromofluorobenzene	12.401	95	54505	40.265	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	100	Below Cal	#	79
6) Chloroethane	2.714	64	54	Below Cal	#	42
16) Acetone	3.860	43	1818	10.041	ug/l #	48
20) Methylene Chloride	4.604	84	4887	Below Cal		95
31) Cyclohexane	7.695	56	2166	Below Cal	#	37
36) 1,1-Dichloropropene	7.695	75	6864	4.530	ug/l #	50
38) Carbon Tetrachloride	7.695	117	9734	5.543	ug/l #	15
70) Styrene	11.968	104	22752	6.369	ug/l	92
73) Isopropylbenzene	12.261	105	100477	29.218	ug/l #	63
74) N-amyl acetate	12.255	43	42984	57.322	ug/l #	11
76) 1,2,3-Trichloropropane	12.401	75	29227	66.054	ug/l #	100
78) n-propylbenzene	12.505	91	26822	6.525	ug/l #	57
81) trans-1,4-Dichloro-2-b...	12.261	75	3672	20.495	ug/l #	1
86) p-Isopropyltoluene	13.291	119	19310	6.236	ug/l #	82

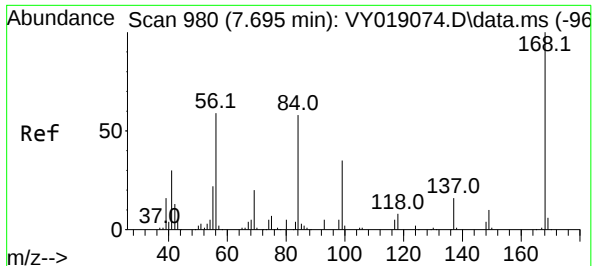
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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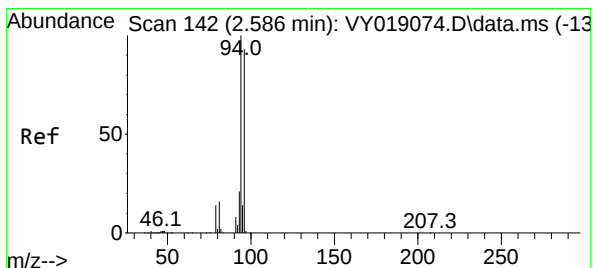
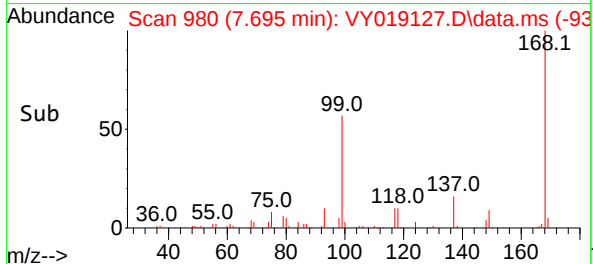
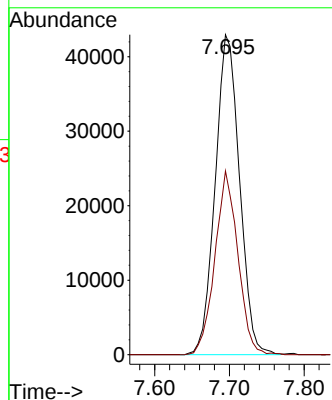
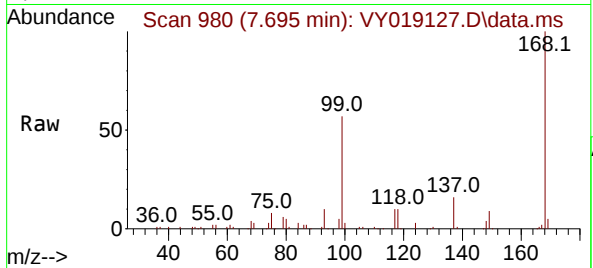




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

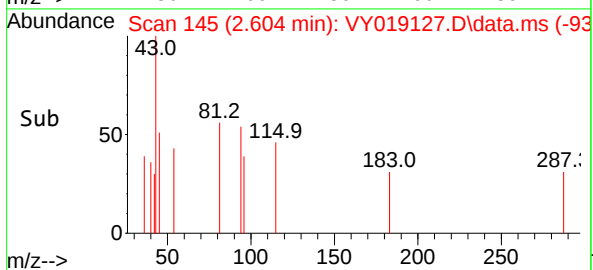
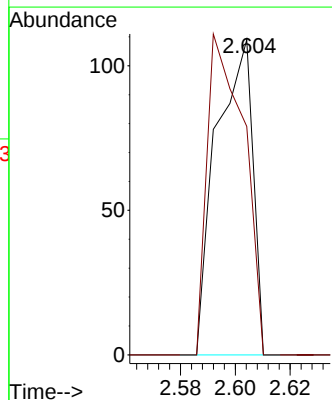
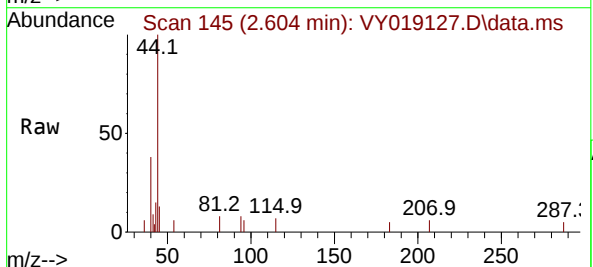
Instrument :
MSVOA_Y
ClientSampleId :

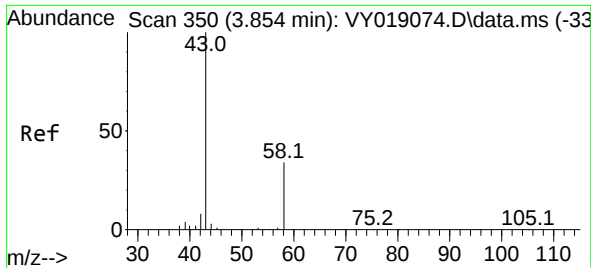
Tgt Ion:168 Resp: 97396
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 72.5 74.1 111.1#





#16

Acetone

Concen: 10.041 ug/l

RT: 3.860 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

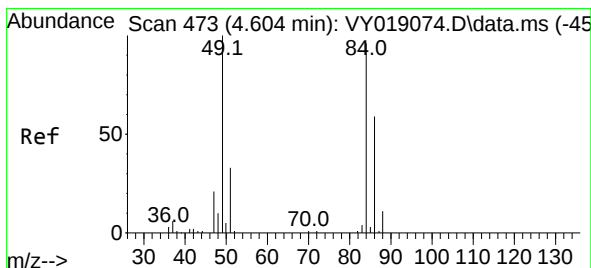
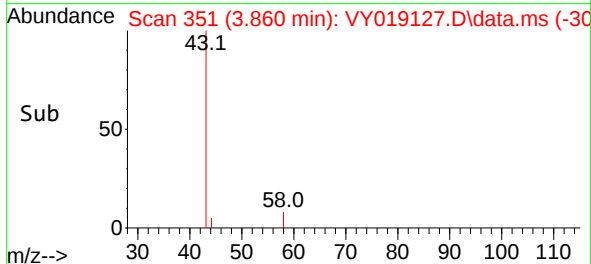
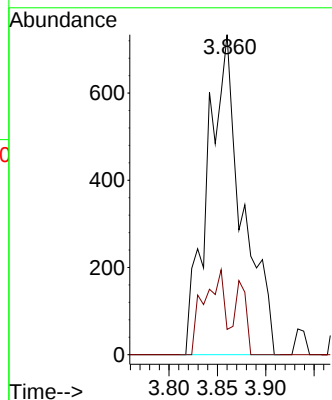
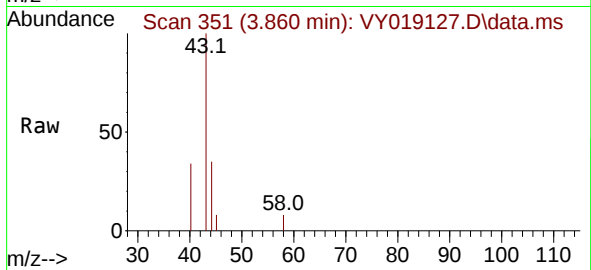
ClientSampleId :

Tgt Ion: 43 Resp: 1818

Ion Ratio Lower Upper

43 100

58 7.9 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Tgt Ion: 84 Resp: 4887

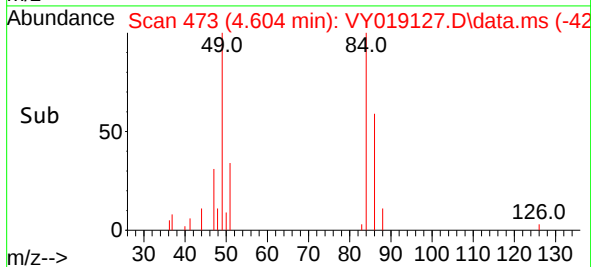
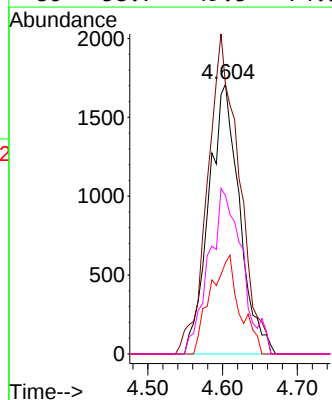
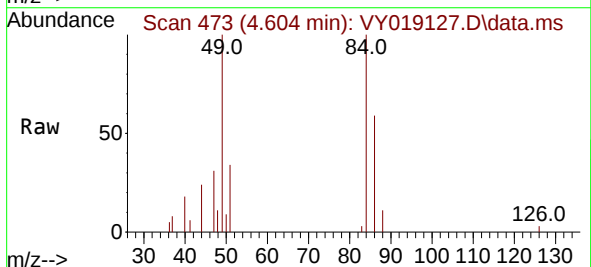
Ion Ratio Lower Upper

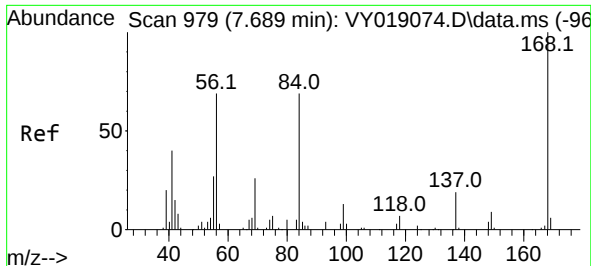
84 100

49 99.7 84.4 126.6

51 33.8 26.0 39.0

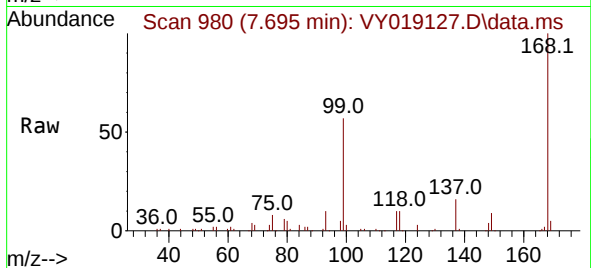
86 58.7 49.5 74.3



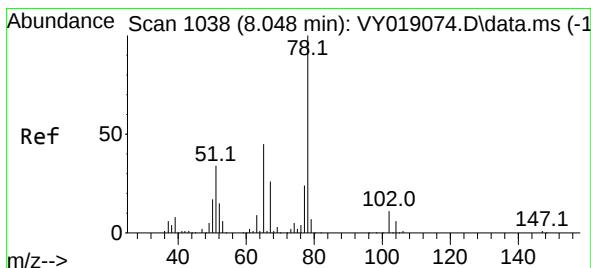
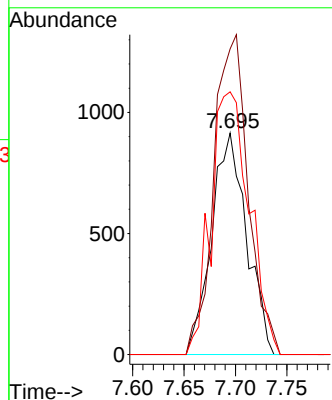
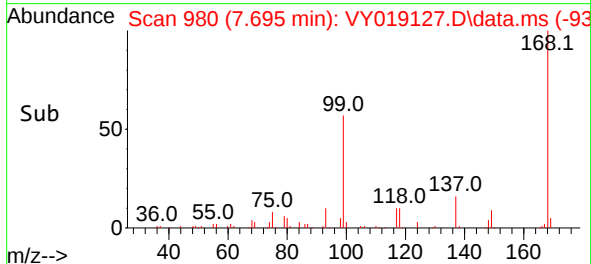


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Instrument :
MSVOA_Y
ClientSampleId :

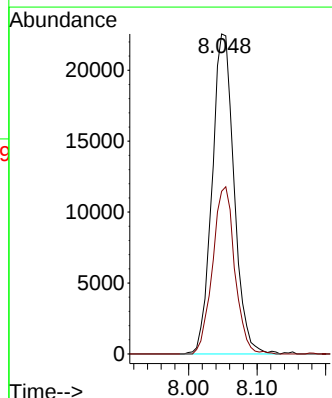
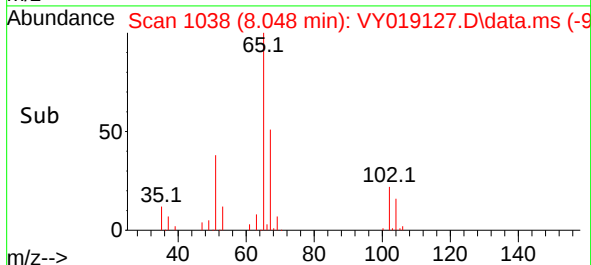
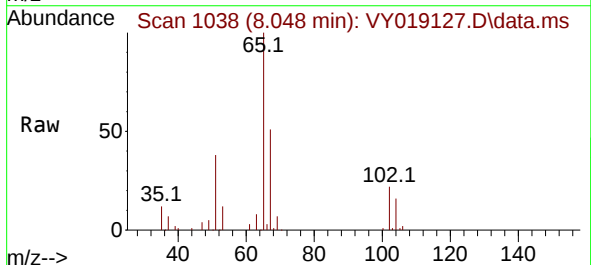


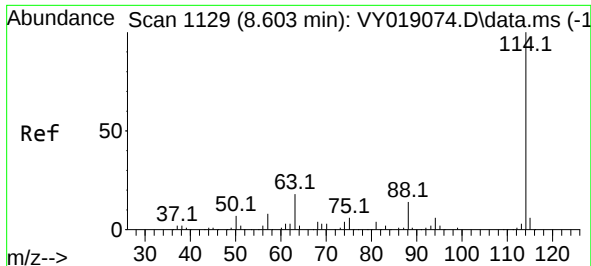
Tgt Ion: 56 Resp: 2166
Ion Ratio Lower Upper
56 100
69 137.9 28.7 43.1#
84 118.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.384 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion: 65 Resp: 50167
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

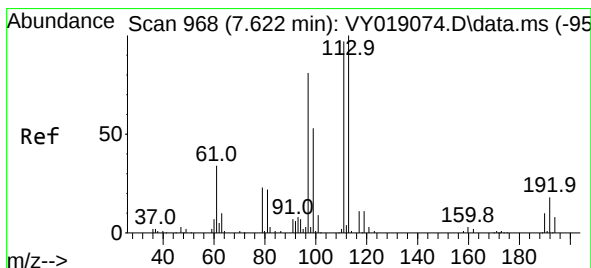
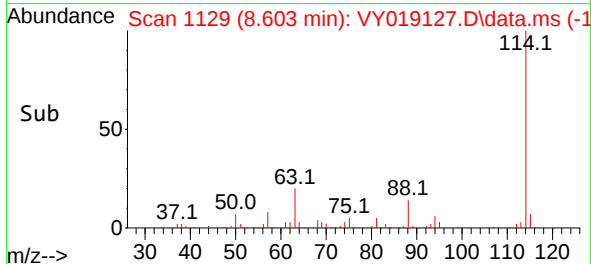
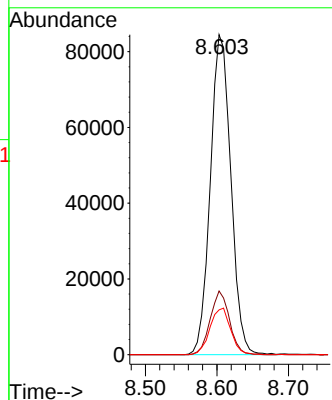
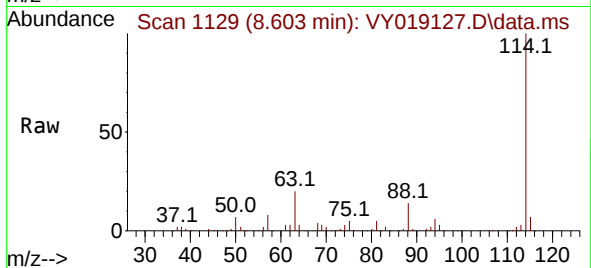
Tgt Ion:114 Resp: 168754

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.770 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

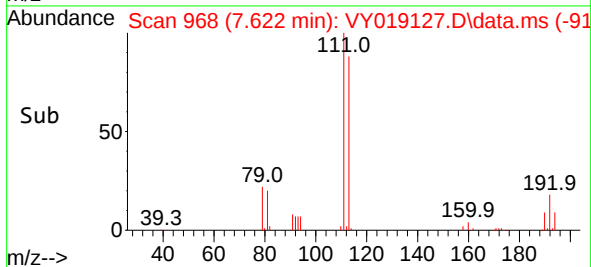
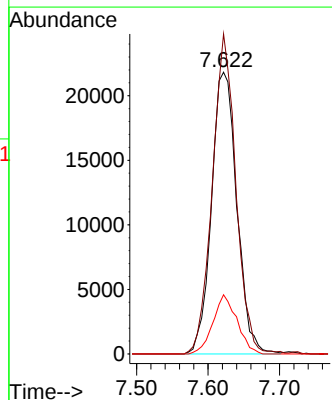
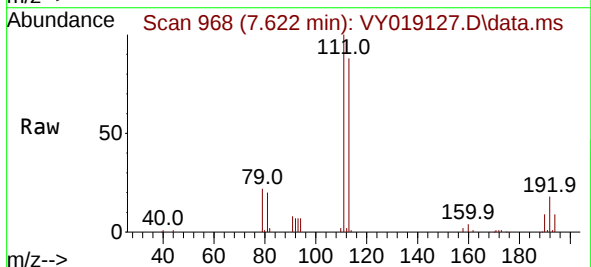
Tgt Ion:113 Resp: 53814

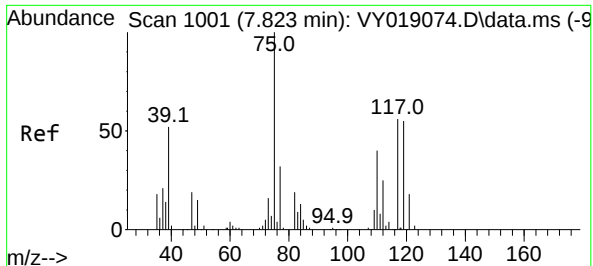
Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

192 19.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.530 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY019127.D

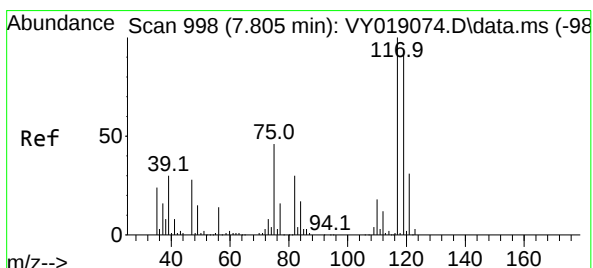
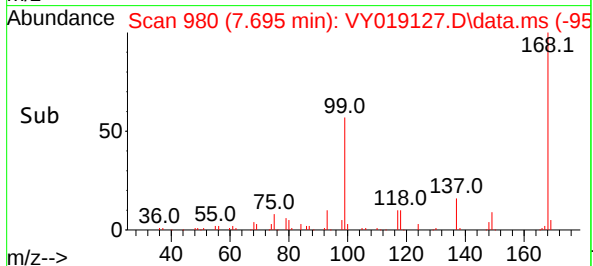
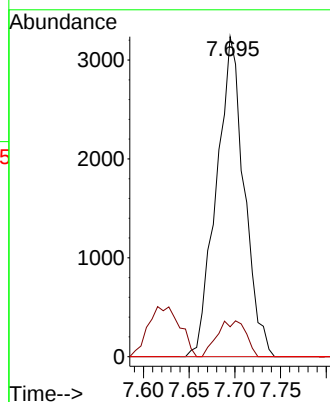
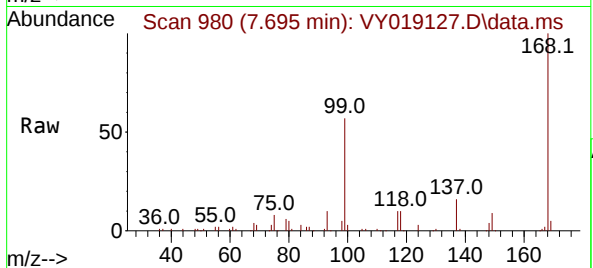
Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 6864
Ion Ratio	Lower Upper
75 100	
110 11.5	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.543 ug/l

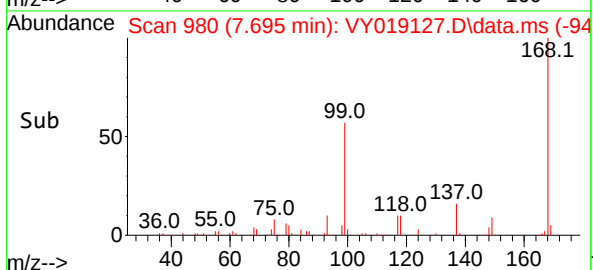
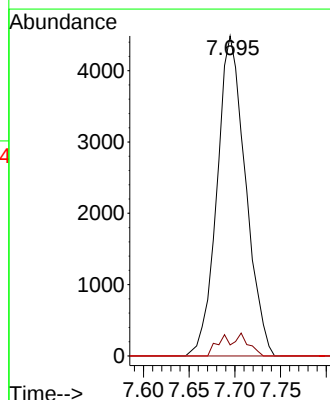
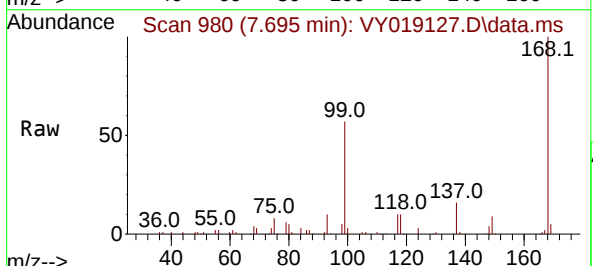
RT: 7.695 min Scan# 980

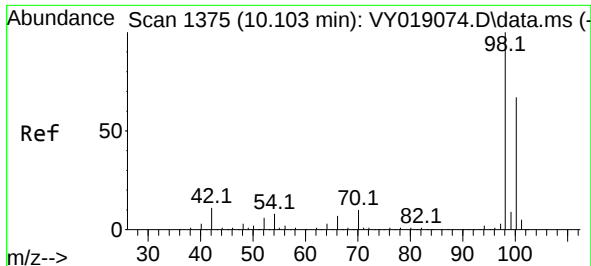
Delta R.T. -0.110 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Tgt Ion: 117	Resp: 9734
Ion Ratio	Lower Upper
117 100	
119 3.5	75.8 113.6#
121 0.0	24.0 36.0#

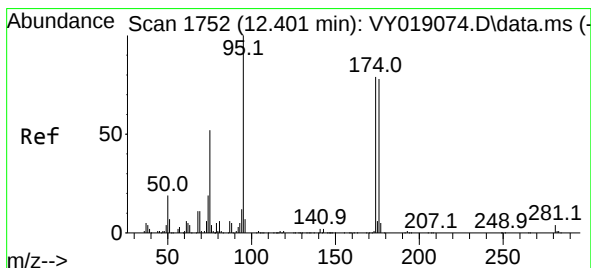
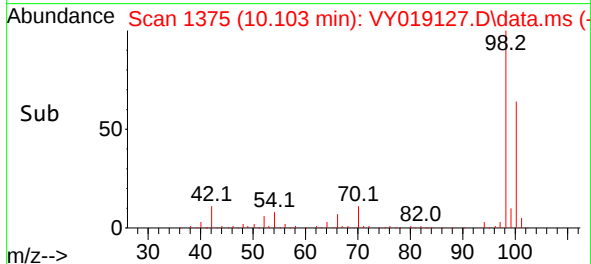
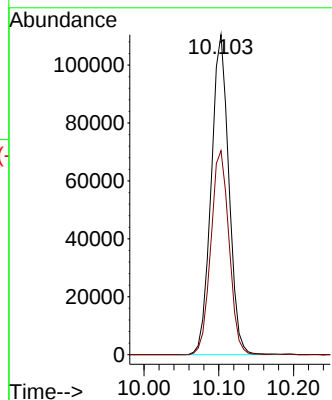
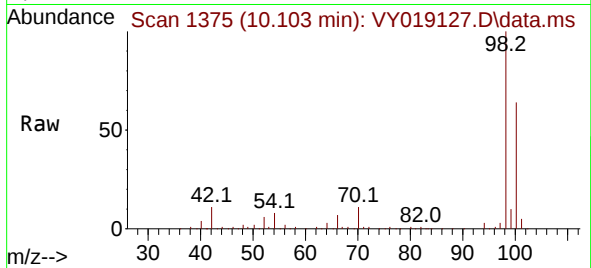




#50
Toluene-d8
Concen: 45.738 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

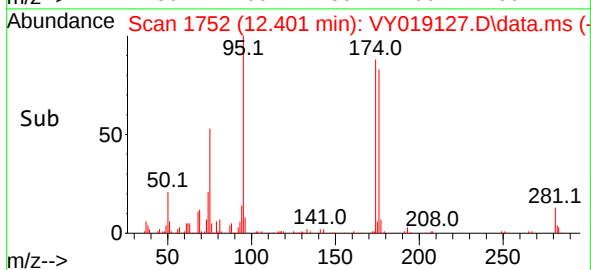
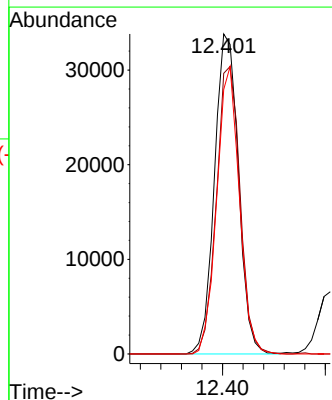
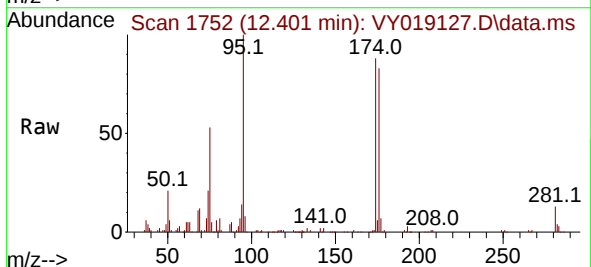
Instrument :
MSVOA_Y
ClientSampleId :

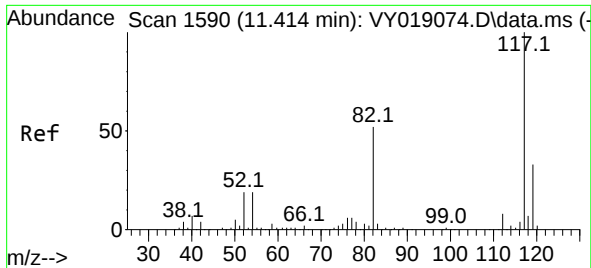
Tgt Ion: 98 Resp: 181618
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.265 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion: 95 Resp: 54505
Ion Ratio Lower Upper
95 100
174 89.2 0.0 175.6
176 84.6 0.0 171.4

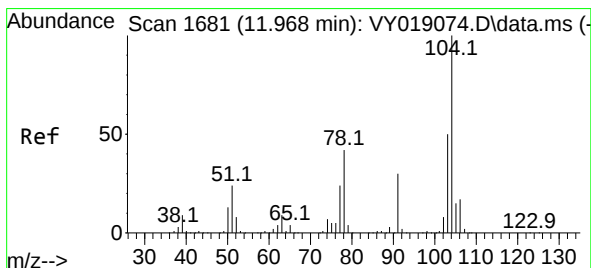
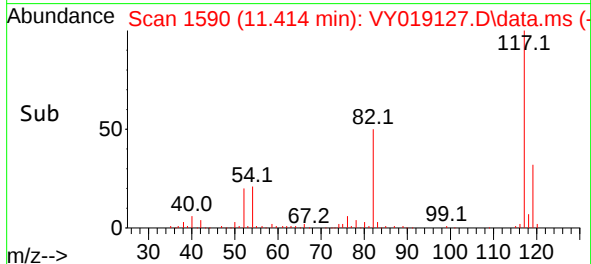
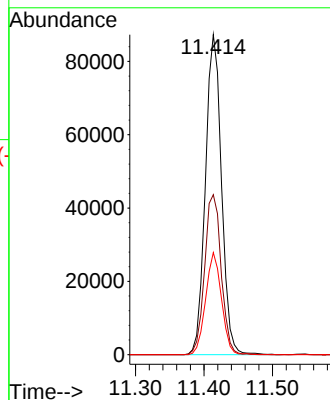
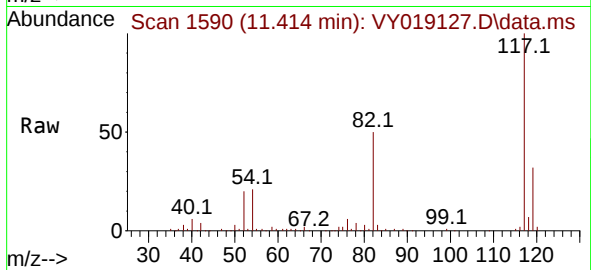




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

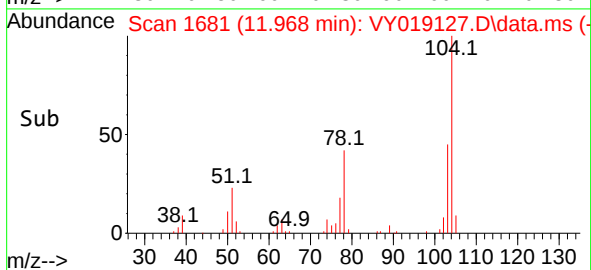
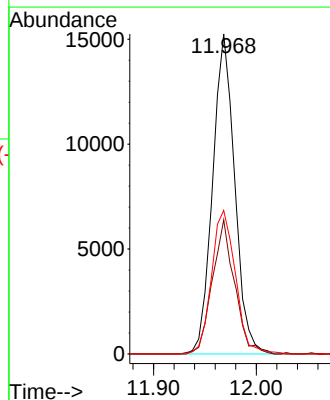
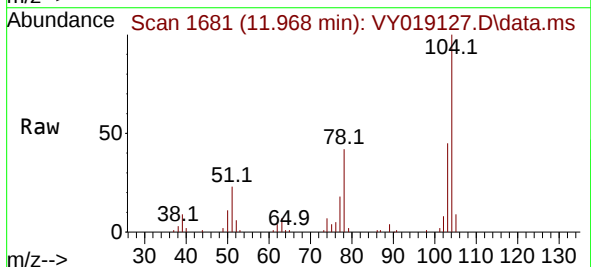
Instrument :
MSVOA_Y
ClientSampleId :

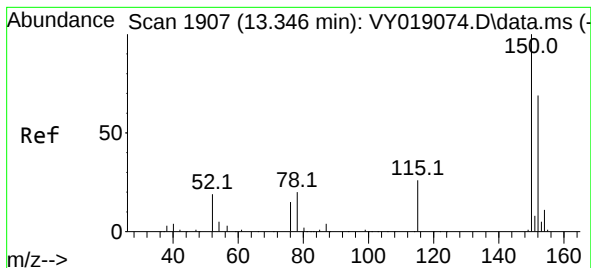
Tgt Ion:117 Resp: 142644
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.9 25.9 38.9



#70
Styrene
Concen: 6.369 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion:104 Resp: 22752
Ion Ratio Lower Upper
104 100
78 42.2 37.0 55.4
103 48.6 44.2 66.2

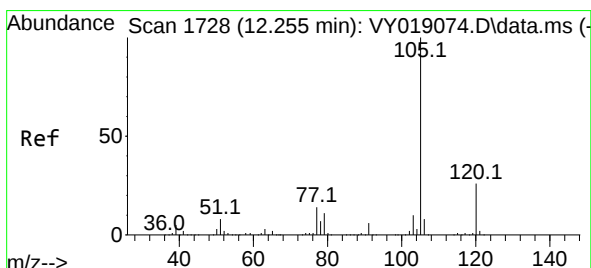
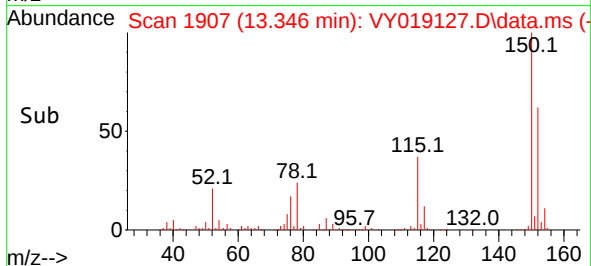
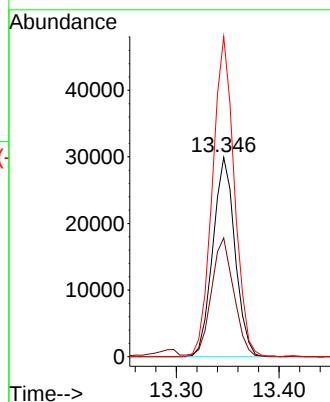
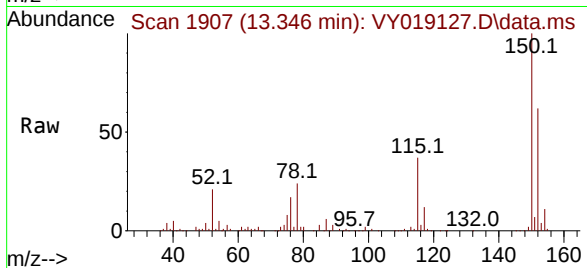




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

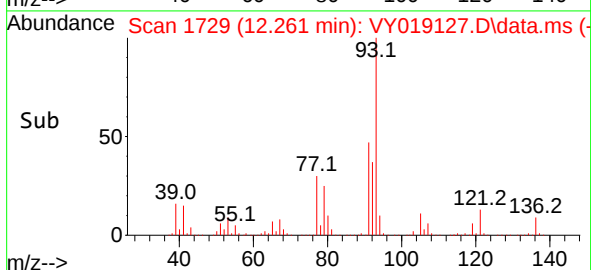
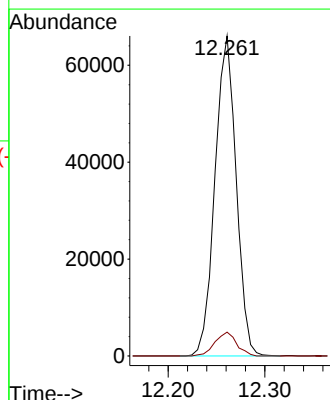
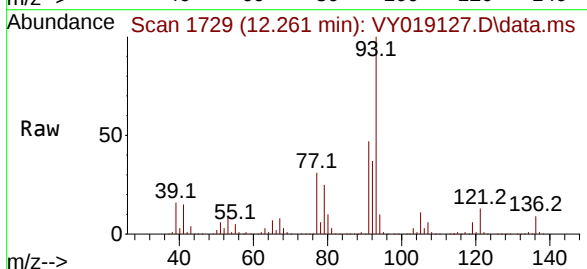
Instrument :
MSVOA_Y
ClientSampleId :

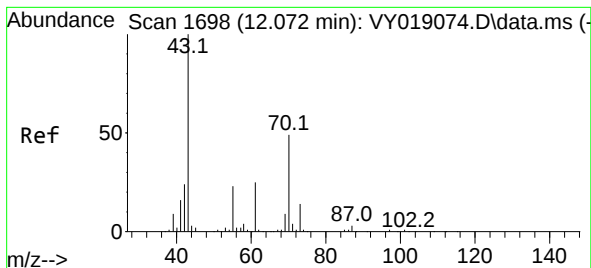
Tgt Ion:152 Resp: 44867
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 158.4 0.0 345.6



#73
Isopropylbenzene
Concen: 29.218 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Tgt Ion:105 Resp: 100477
Ion Ratio Lower Upper
105 100
120 7.6 13.4 40.1#





#74

N-amy1 acetate

Concen: 57.322 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.183 min

Lab File: VY019127.D

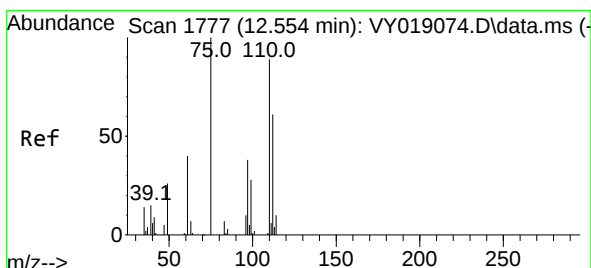
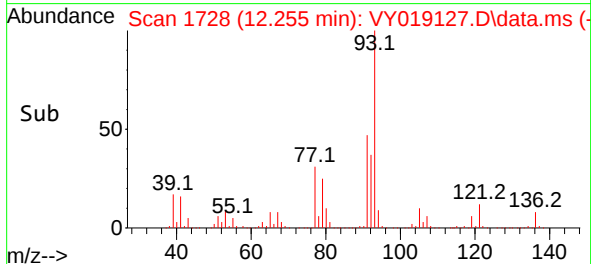
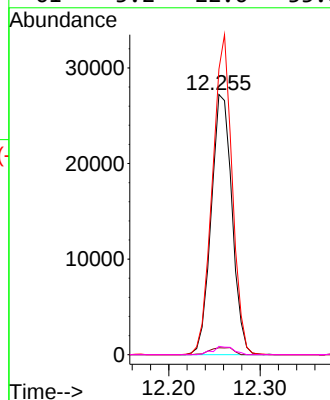
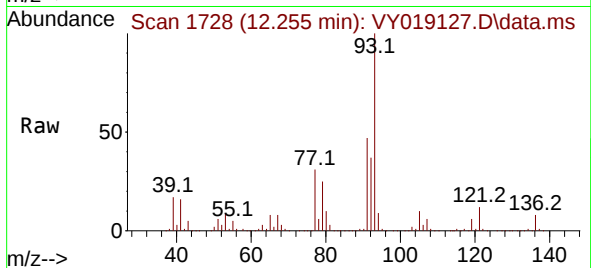
Acq: 19 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 42984
Ion Ratio	Lower Upper
43 100	
70 3.1	41.4 62.2#
55 116.7	23.3 34.9#
61 3.2	22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 66.054 ug/l

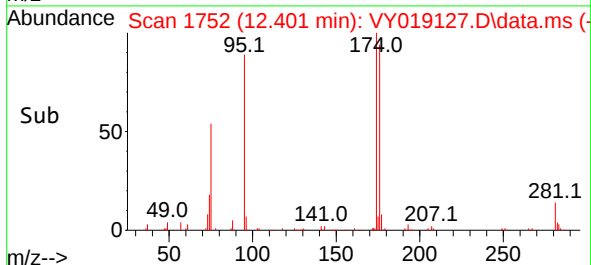
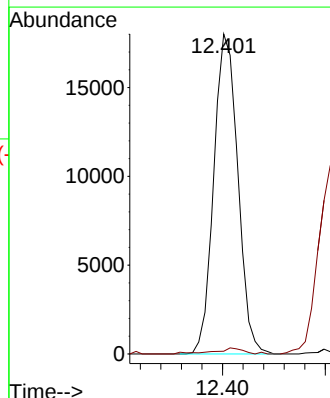
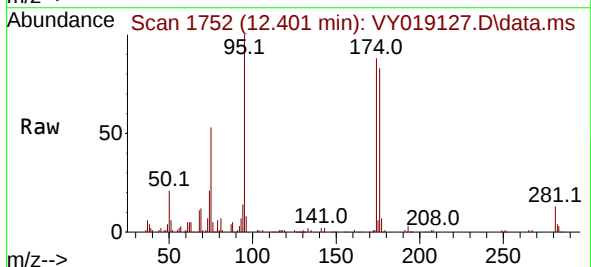
RT: 12.401 min Scan# 1752

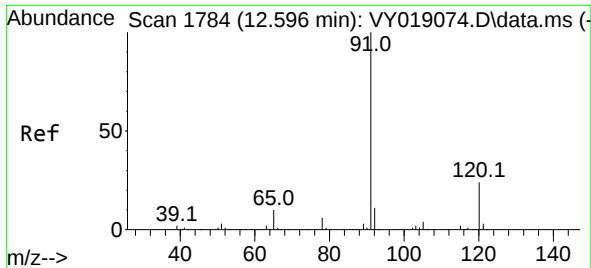
Delta R.T. -0.152 min

Lab File: VY019127.D

Acq: 19 Aug 2024 19:26

Tgt Ion: 75	Resp: 29227
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

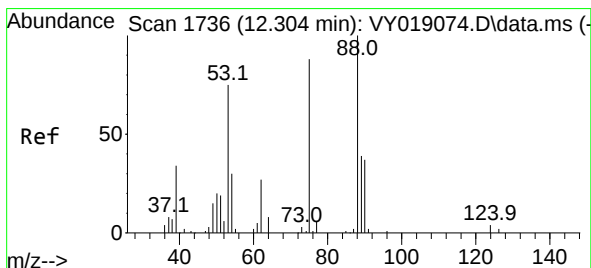
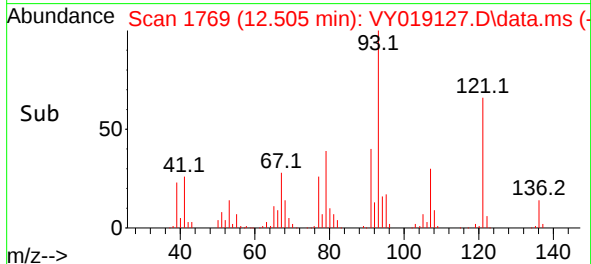
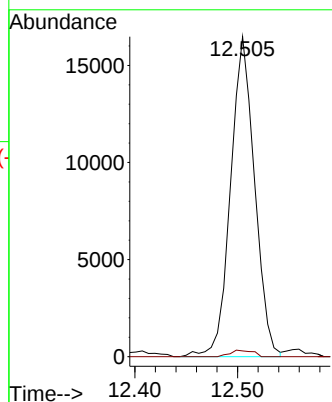
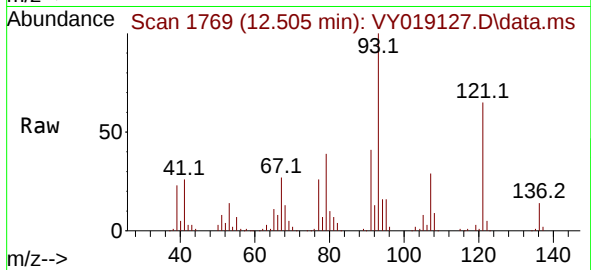




#78
n-propylbenzene
Concen: 6.525 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.091 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

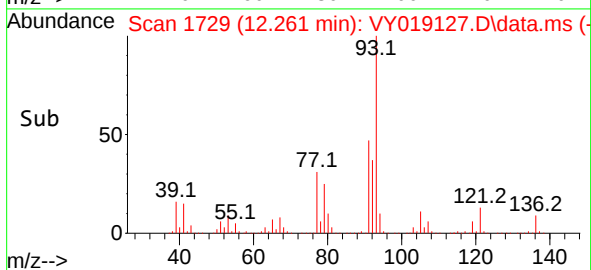
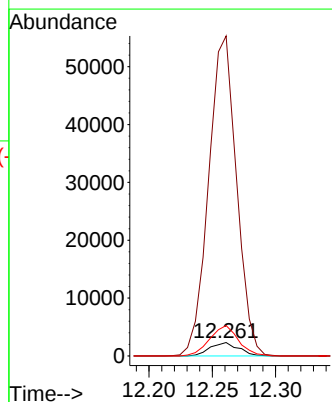
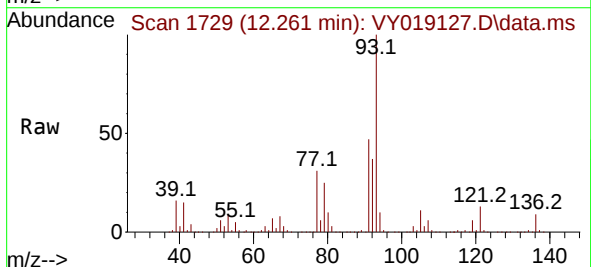
Instrument :
MSVOA_Y
ClientSampleId :

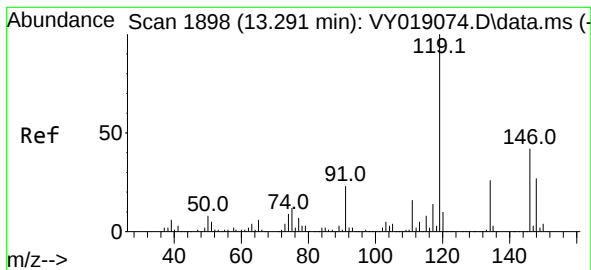
Tgt Ion: 91 Resp: 26822
Ion Ratio Lower Upper
91 100
120 1.9 11.5 34.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 20.495 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.043 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

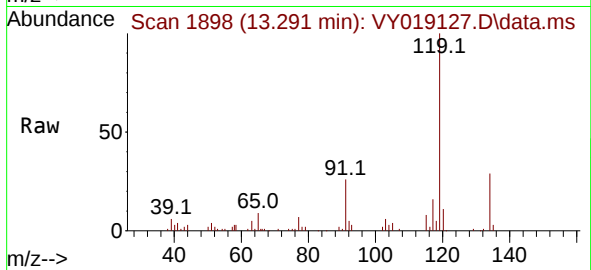
Tgt Ion: 75 Resp: 3672
Ion Ratio Lower Upper
75 100
53 2316.3 66.8 100.2#
89 225.8 35.8 53.6#





#86
p-Isopropyltoluene
Concen: 6.236 ug/l
RT: 13.291 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019127.D
Acq: 19 Aug 2024 19:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.1	39.3
91	39.3	10.7	32.1#

