

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011967.D
 Acq On : 22 Dec 2022 12:17
 Operator : KP/MD
 Sample : N6150-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-K

Quant Time: Dec 23 04:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	308973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104028	58.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	95366	51.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.179	98	371038	49.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.483	95	113343	44.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.320%

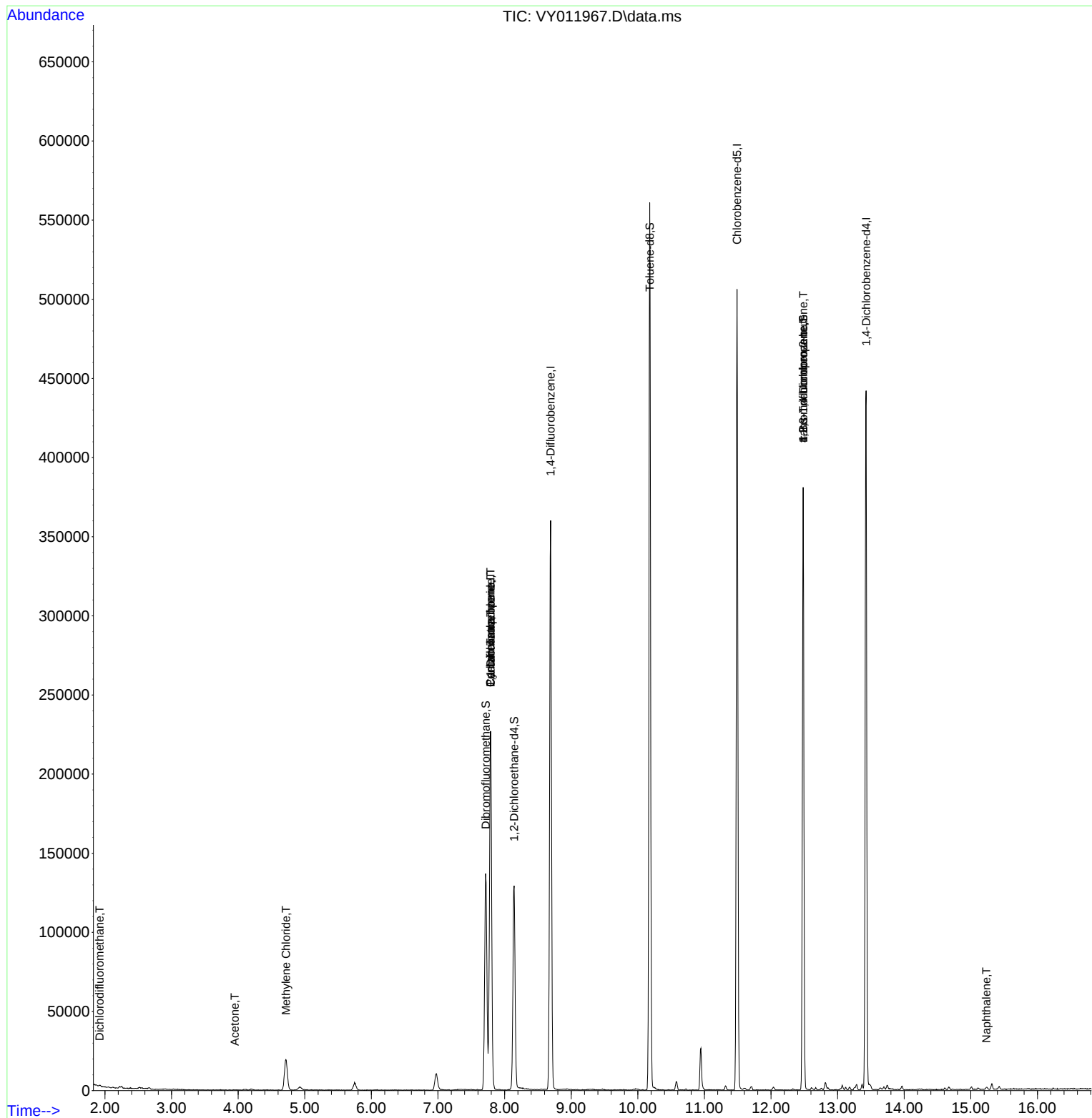
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	73	2.516	ug/l #	41
11) Tert butyl alcohol	4.911	59	987	Below Cal	#	74
16) Acetone	3.948	43	361	5.538	ug/l #	40
20) Methylene Chloride	4.716	84	15494	1.720	ug/l	96
31) Cyclohexane	7.789	56	3432	1.141	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	12754	4.275	ug/l #	49
38) Carbon Tetrachloride	7.789	117	17492	5.076	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	58678	38.719	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58678	106.033	ug/l #	13
95) Naphthalene	15.233	128	1558	3.106	ug/l	99

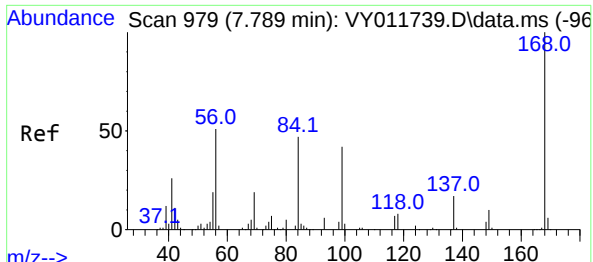
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

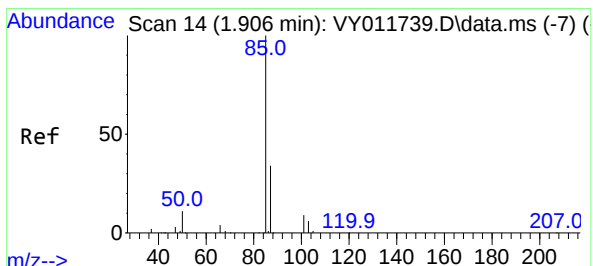
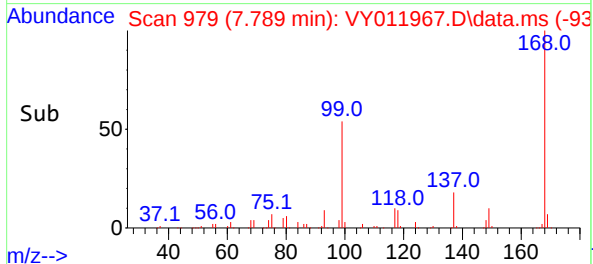
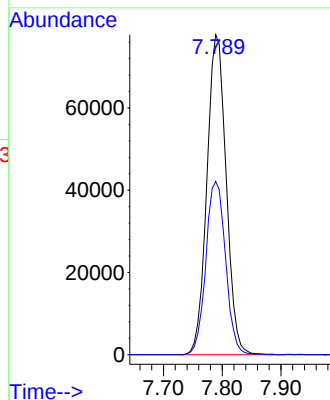
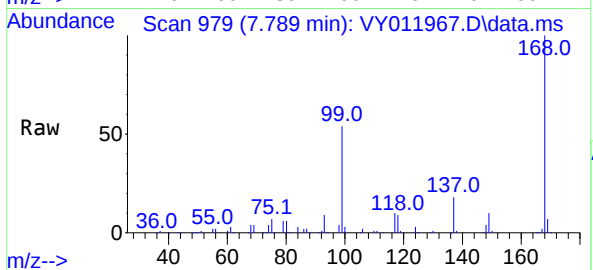




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

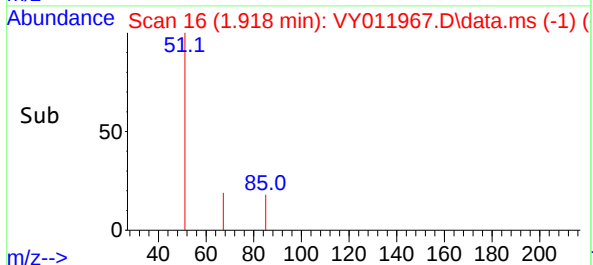
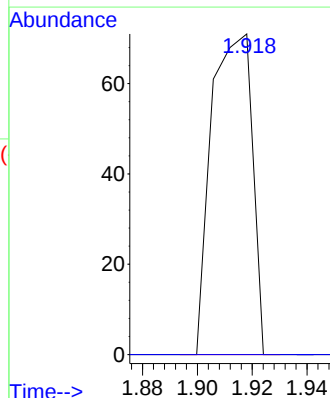
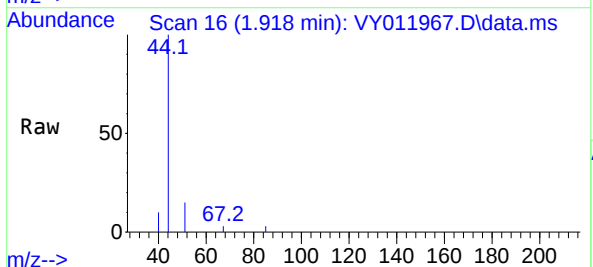
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MSVOA_Y
ClientSampleId :
TP-K

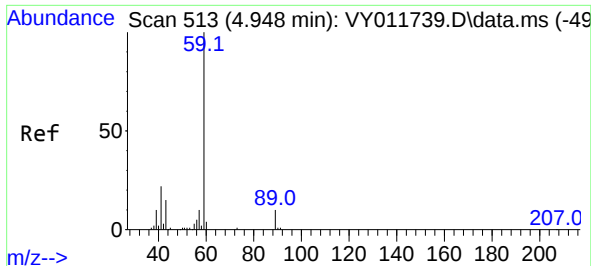
Tgt Ion:168 Resp: 177294
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.516 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 85 Resp: 73
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

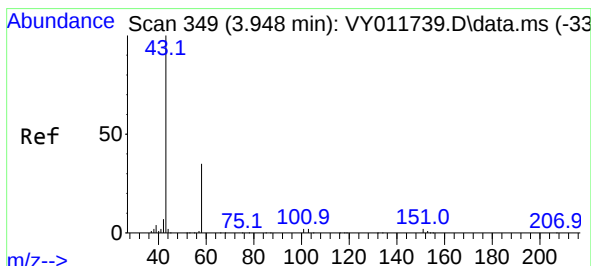
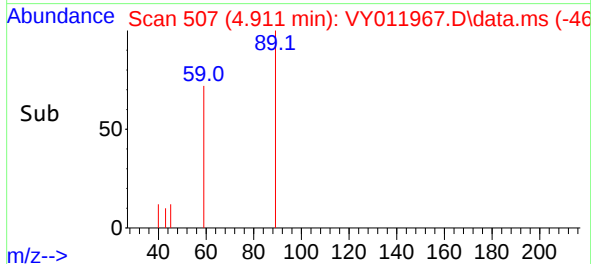
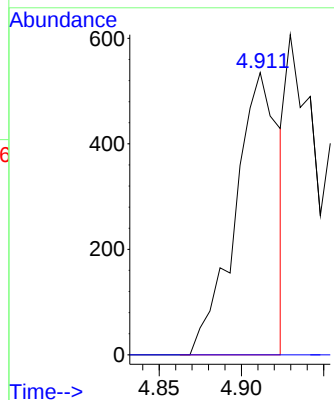
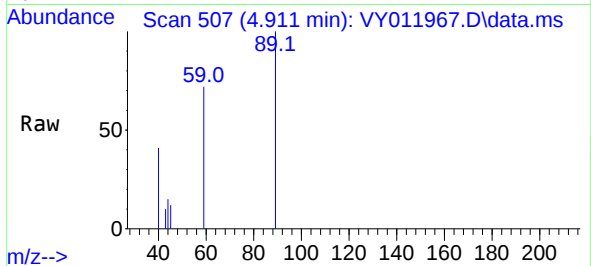




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

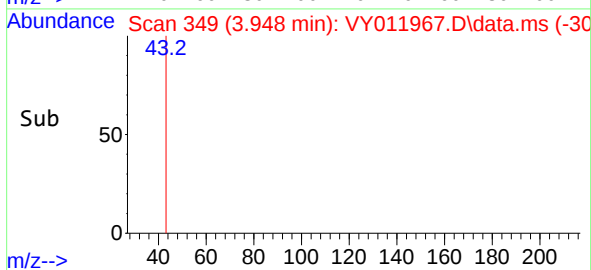
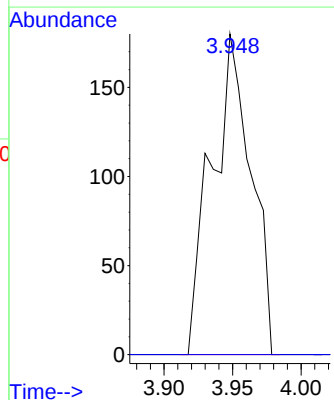
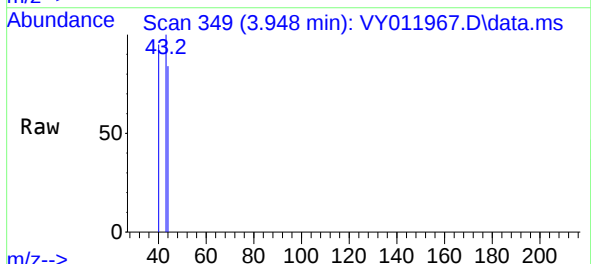
Instrument :
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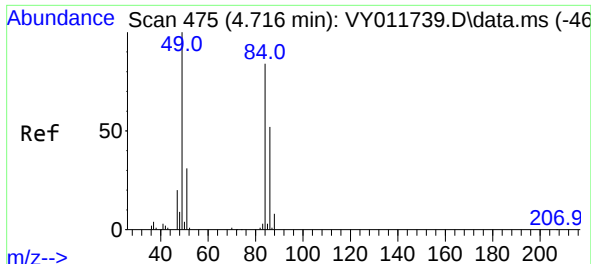
Tgt Ion: 59 Resp: 987
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.538 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



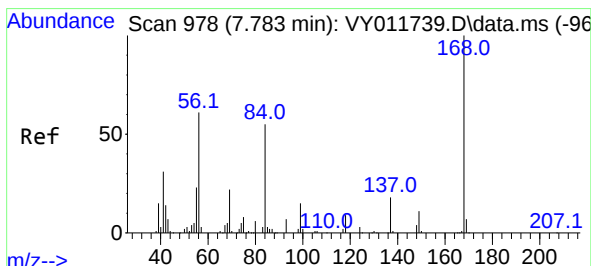
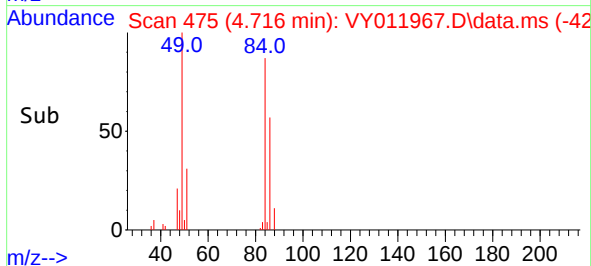
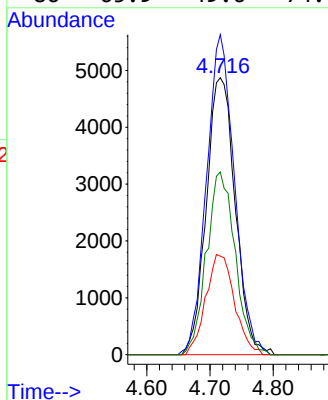
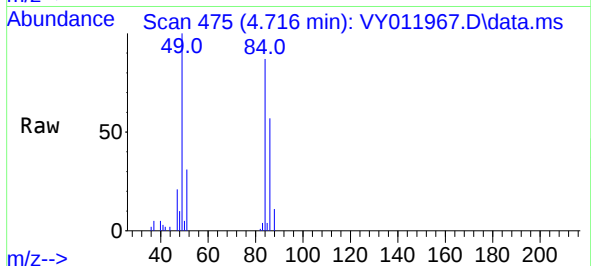


#20
Methylene Chloride
Concen: 1.720 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-K

Tgt Ion: 84 Resp: 15494

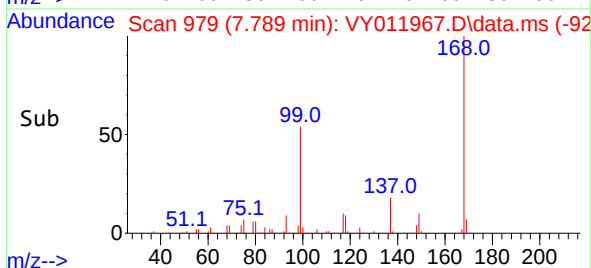
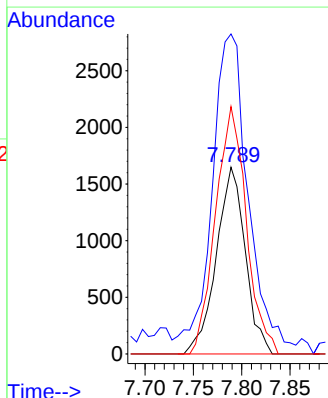
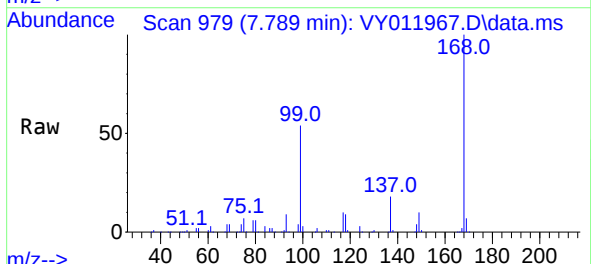
Ion	Ratio	Lower	Upper
84	100		
49	115.5	95.4	143.2
51	35.6	29.9	44.9
86	65.9	49.6	74.4

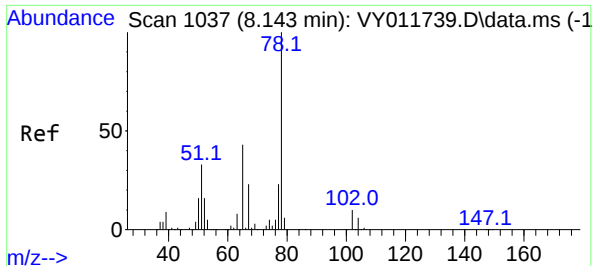


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 56 Resp: 3432

Ion	Ratio	Lower	Upper
56	100		
69	162.0	29.2	43.8#
84	132.5	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 58.240 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011967.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_Y

ClientSampleId :

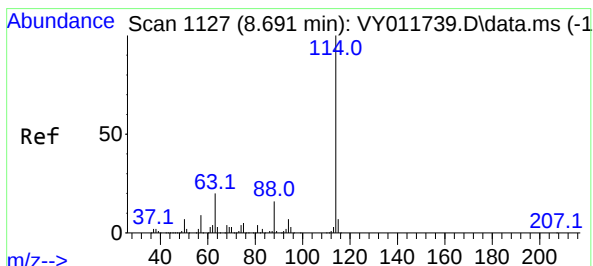
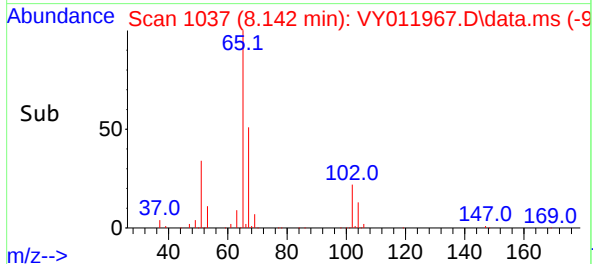
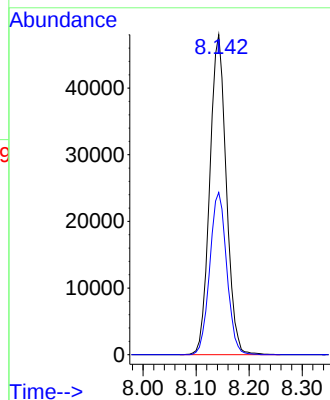
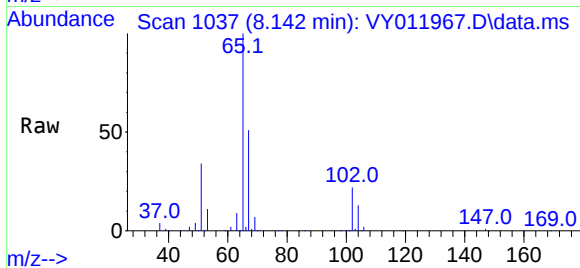
TP-K

Tgt Ion: 65 Resp: 104028

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011967.D

Acq: 22 Dec 2022 12:17

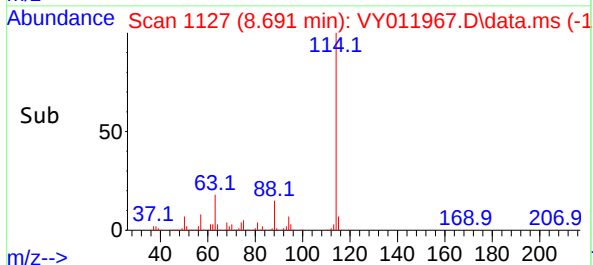
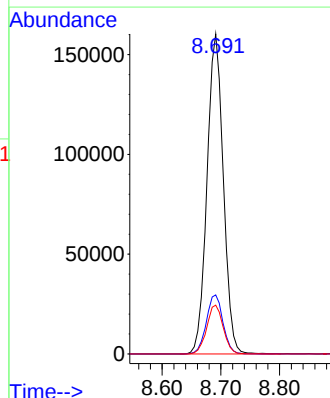
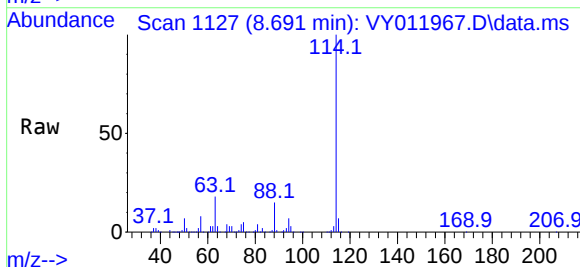
Tgt Ion: 114 Resp: 308973

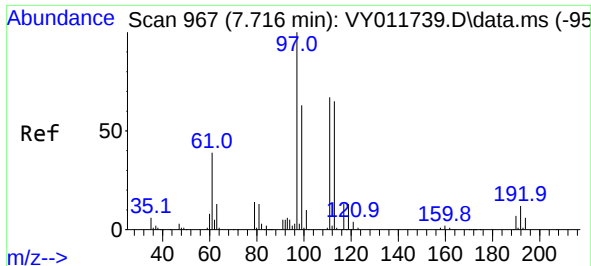
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.2 0.0 32.2

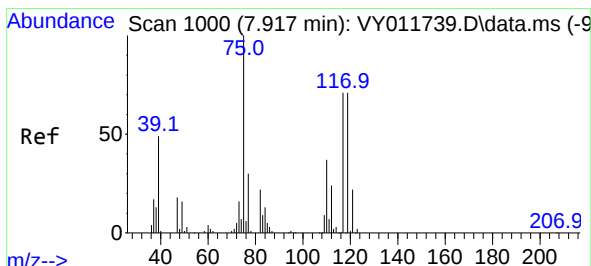
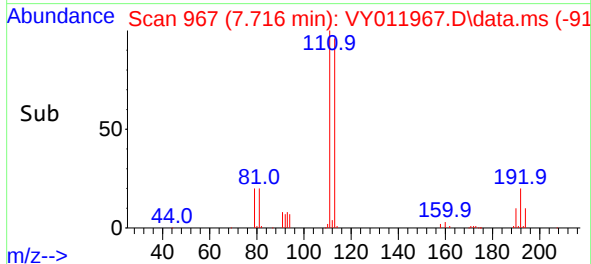
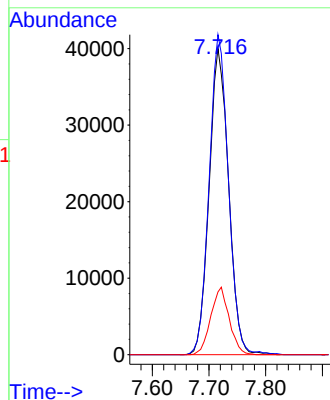
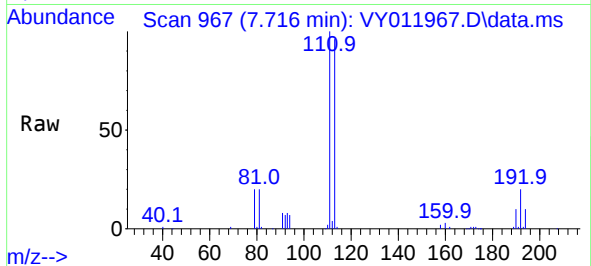




#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

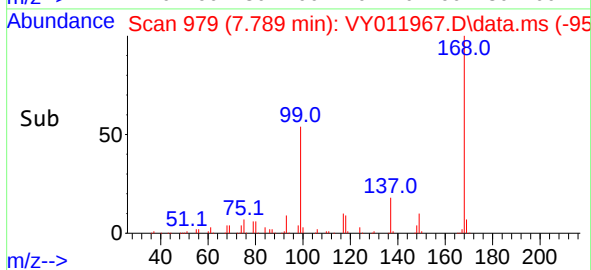
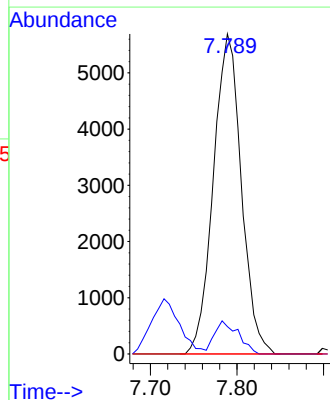
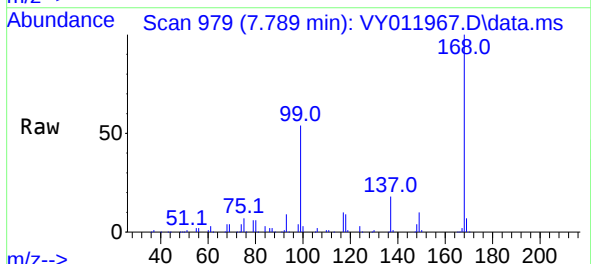
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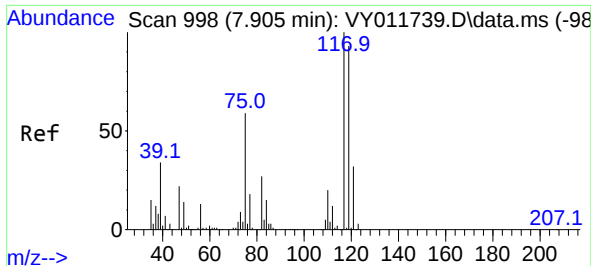
Tgt Ion:113 Resp: 95366
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 75 Resp: 12754
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.1#
77 0.0 25.1 37.7#

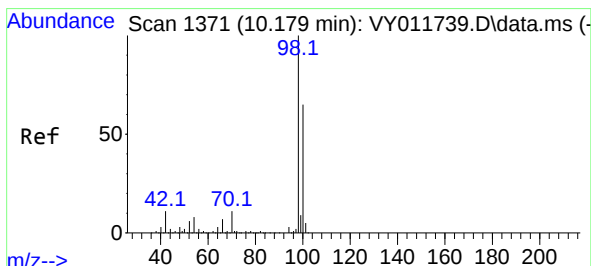
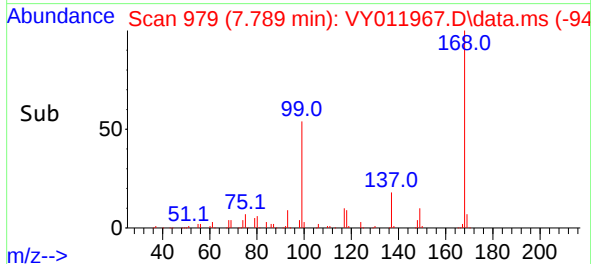
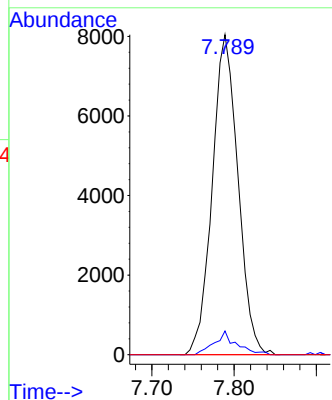
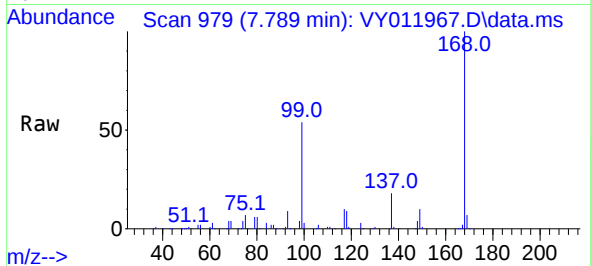




#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

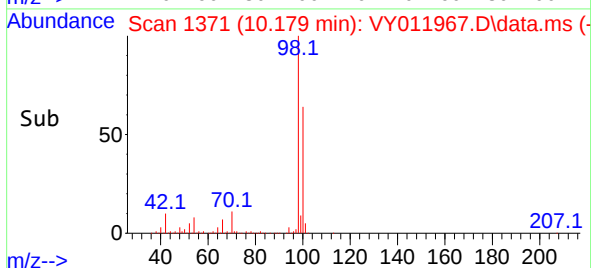
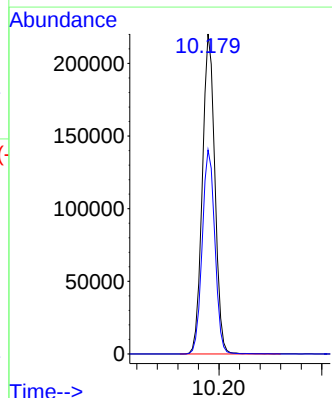
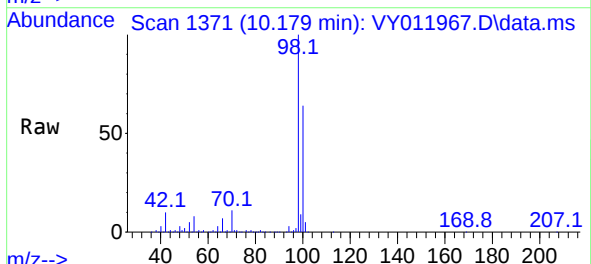
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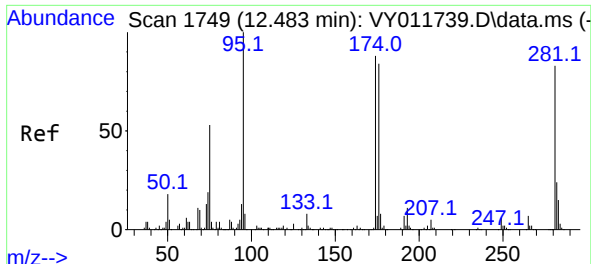
Tgt Ion:117 Resp: 17492
Ion Ratio Lower Upper
117 100
119 7.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.164 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 98 Resp: 371038
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

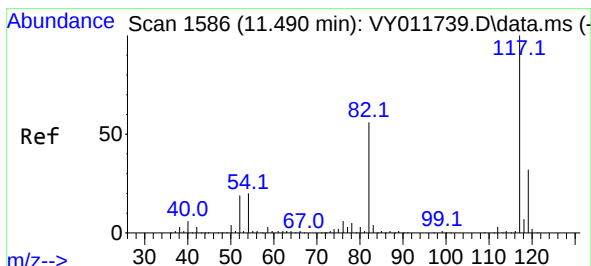
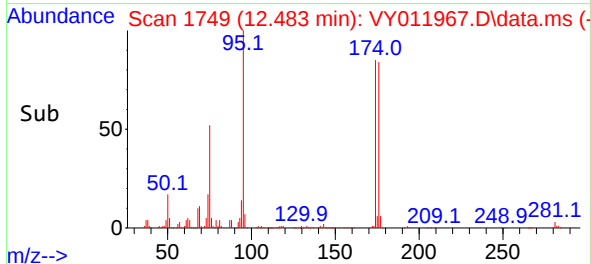
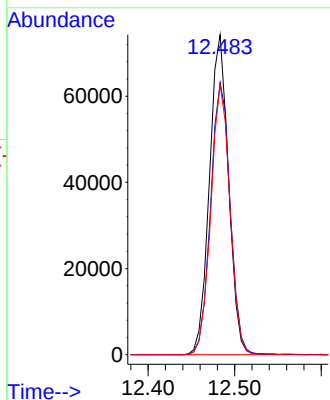
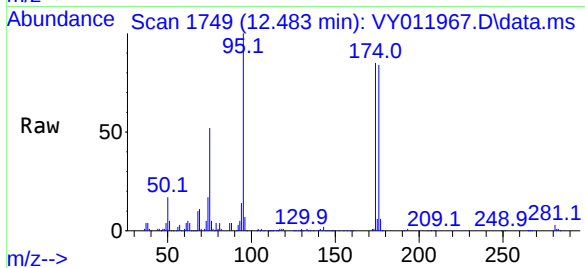




#62
4-Bromofluorobenzene
Concen: 44.655 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

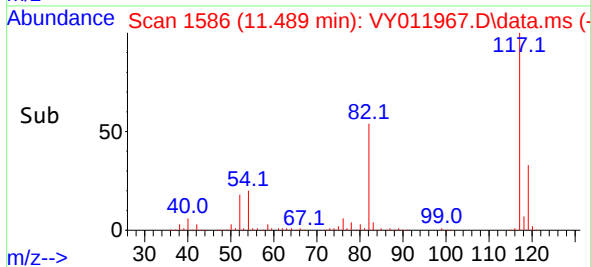
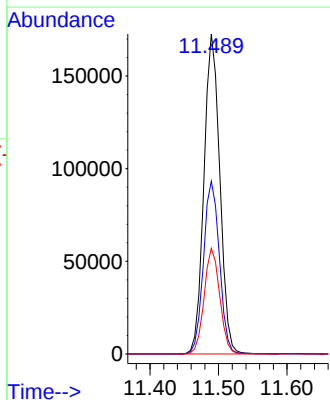
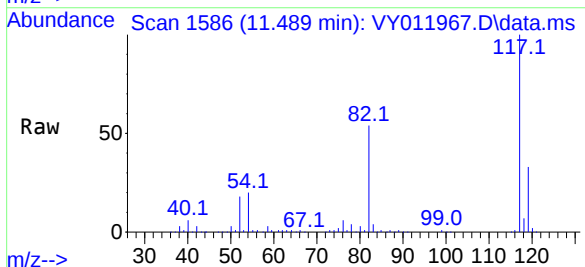
Instrument :
MSVOA_Y
ClientSampleId :
TP-K

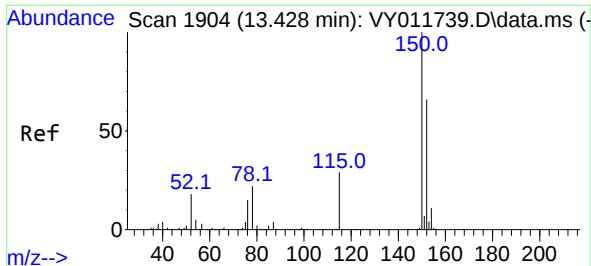
Tgt Ion: 95 Resp: 113343
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.0
176 84.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 117 Resp: 278982
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 33.1 25.4 38.2

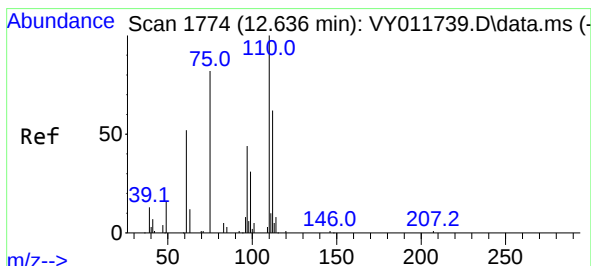
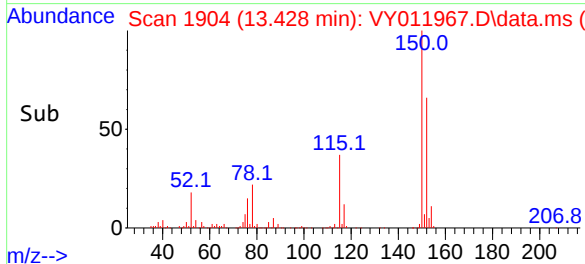
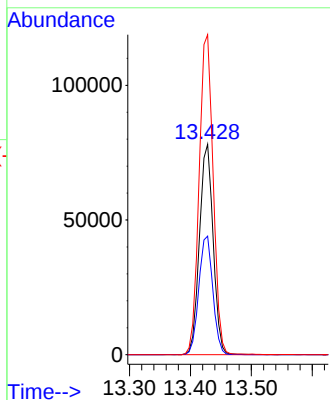
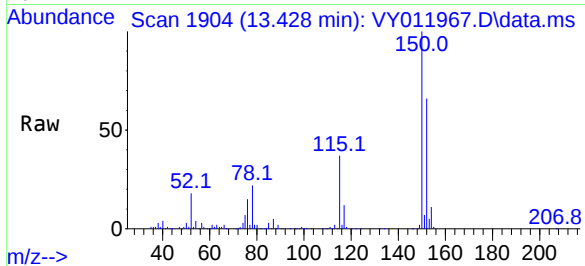




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011967.D
 Acq: 22 Dec 2022 12:17

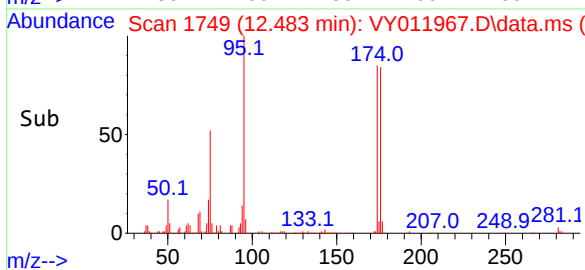
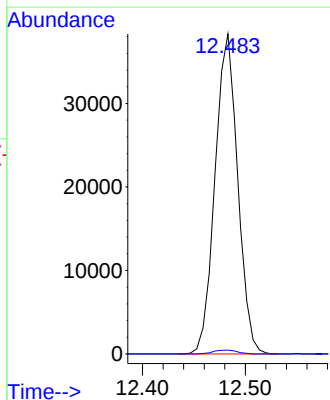
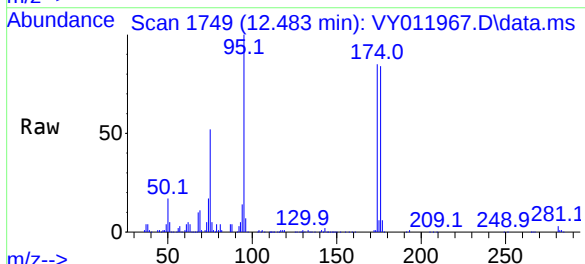
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-K

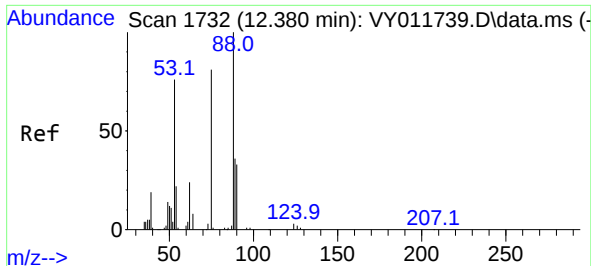
Tgt Ion:152 Resp: 121790
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.1 87.3
 150 155.7 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 38.719 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011967.D
 Acq: 22 Dec 2022 12:17

Tgt Ion: 75 Resp: 58678
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

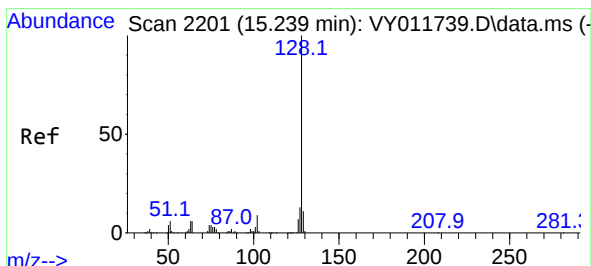
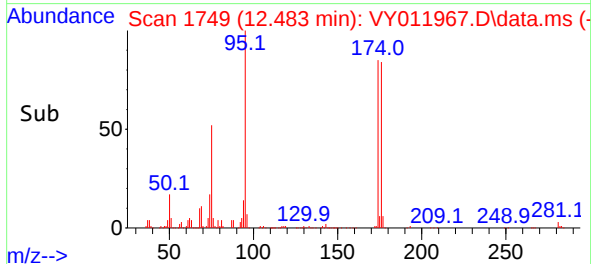
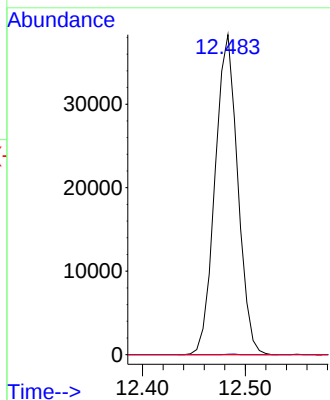
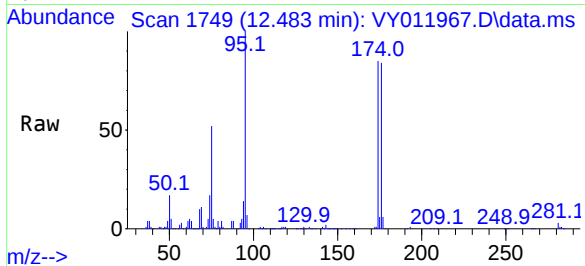




#81
trans-1,4-Dichloro-2-butene
Concen: 106.033 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-K

Tgt Ion: 75 Resp: 58678
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.106 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011967.D
Acq: 22 Dec 2022 12:17

Tgt Ion:128 Resp: 1558
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.9 8.8 13.2

