

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006943.D
 Acq On : 04 Dec 2021 15:48
 Operator : SY/MD
 Sample : M4884-13
 Misc : 3.54g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J9

Quant Time: Dec 05 06:08:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

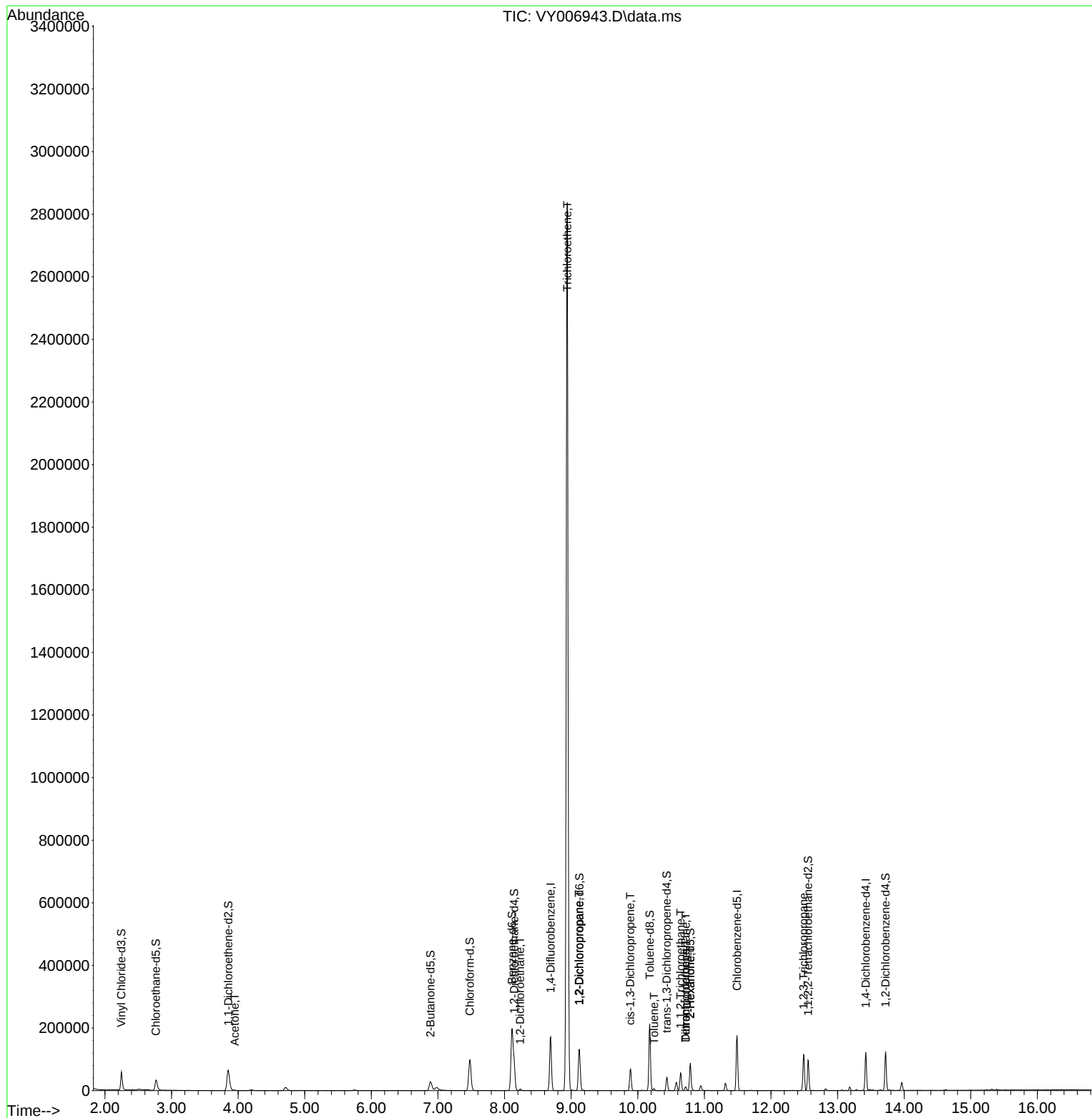
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	131999	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	87371	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	29807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	58432	34.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.480%	
7) Chloroethane-d5	2.766	69	41213	30.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.600%	
11) 1,1-Dichloroethene-d2	3.851	63	66810	18.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.600%	
21) 2-Butanone-d5	6.887	46	51603	78.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 157.180%#	
24) Chloroform-d	7.478	84	95510	29.034	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.120%	
26) 1,2-Dichloroethane-d4	8.143	65	60009	30.391	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 121.560%	
32) Benzene-d6	8.112	84	178623	38.487	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 153.960%#	
36) 1,2-Dichloropropane-d6	9.124	67	62987	43.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 172.760%#	
41) Toluene-d8	10.179	98	128426	29.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.160%	
43) trans-1,3-Dichloroprop...	10.435	79	21566	30.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 122.320%	
47) 2-Hexanone-d5	10.789	63	26987	79.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 159.920%#	
56) 1,1,2,2-Tetrachloroeth...	12.557	84	44875	36.938	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 147.760%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	30135	31.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 124.000%#	
Target Compounds						
13) Acetone	3.948	43	2456	4.081	ug/L	77
27) 1,2-Dichloroethane	8.234	62	3722	1.423	ug/L	95
34) Trichloroethene	8.941	95	908119	627.659	ug/L	94
37) 1,2-Dichloropropane	9.118	63	7263	4.823	ug/L #	87
39) cis-1,3-Dichloropropene	9.886	75	1917	0.811	ug/L #	83
42) Toluene	10.246	91	4281	0.683	ug/L	94
45) 1,1,2-Trichloroethane	10.642	97	16067	14.483	ug/L	90
46) Tetrachloroethene	10.715	164	2672	2.204	ug/L	90
48) 2-Hexanone	10.789	43	5109	5.895	ug/L #	65
49) Dibromochloromethane	10.721	129	2225	1.648	ug/L #	12
61) 1,2,3-Trichloropropane	12.489	75	846	1.168	ug/L #	84

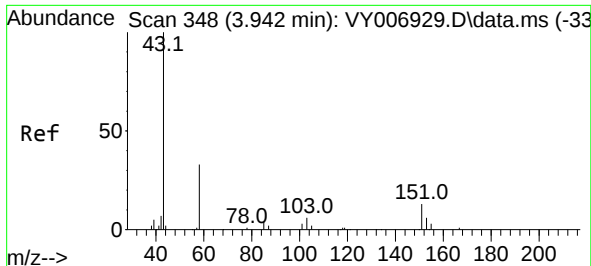
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.081 ug/L

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY006943.D

Acq: 04 Dec 2021 15:48

Instrument :

MSVOA_Y

ClientSampleId :

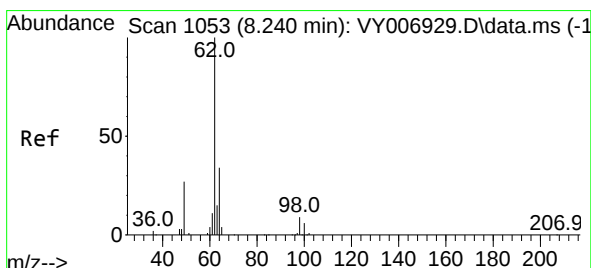
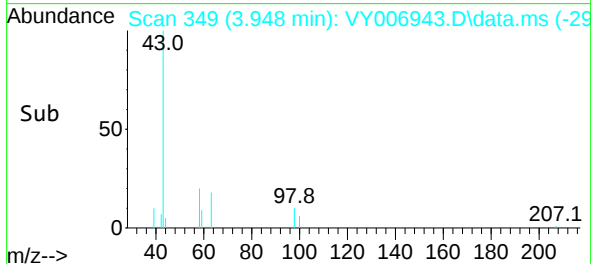
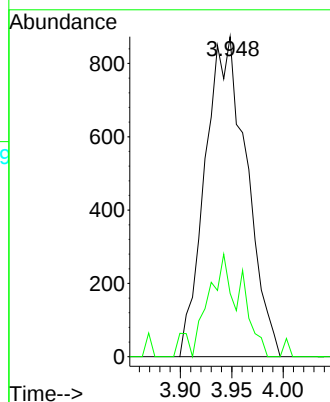
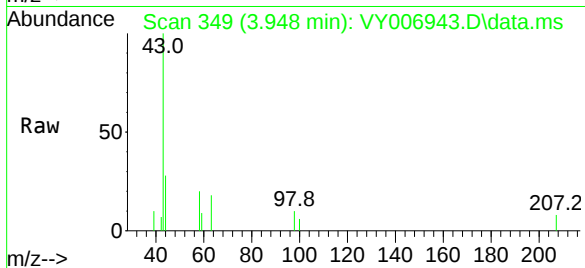
EW9J9

Tgt Ion: 43 Resp: 2456

Ion Ratio Lower Upper

43 100

58 17.8 0.0 60.8



#27

1,2-Dichloroethane

Concen: 1.423 ug/L

RT: 8.234 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VY006943.D

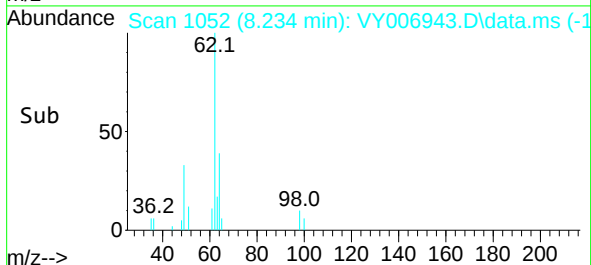
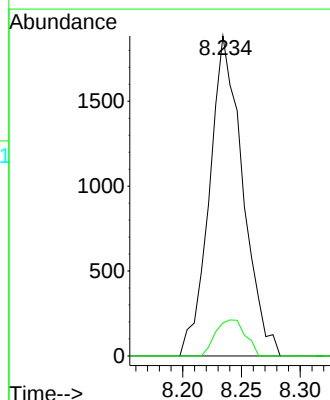
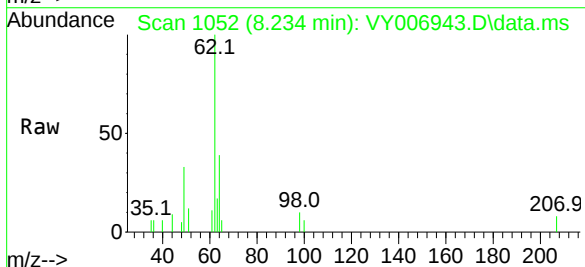
Acq: 04 Dec 2021 15:48

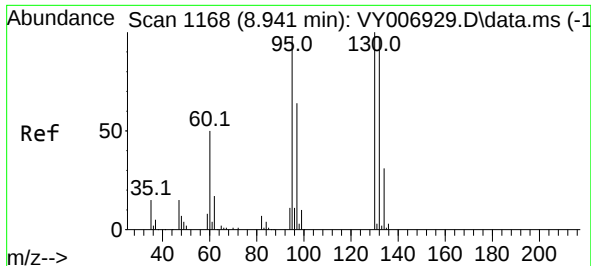
Tgt Ion: 62 Resp: 3722

Ion Ratio Lower Upper

62 100

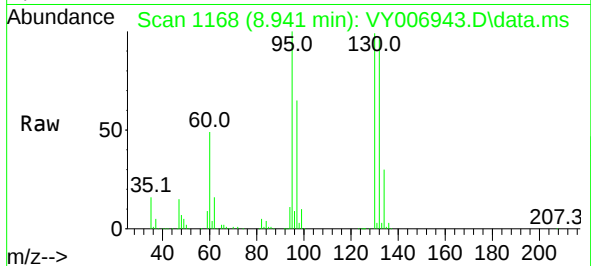
98 10.3 6.9 10.3



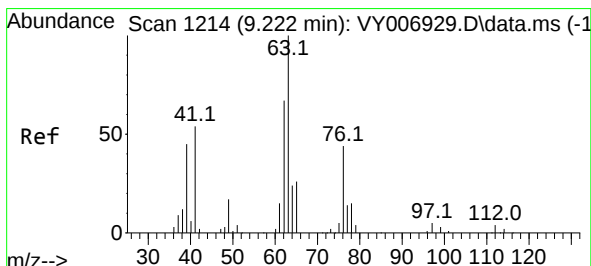
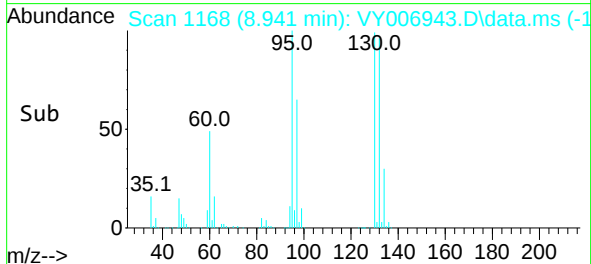
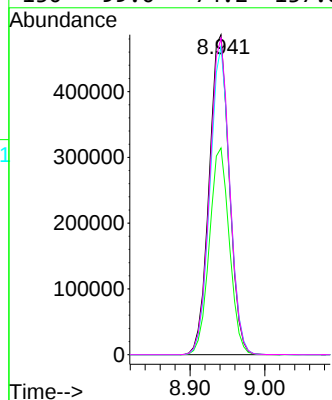


#34
Trichloroethene
Concen: 627.659 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY006943.D
Acq: 04 Dec 2021 15:48

Instrument :
MSVOA_Y
ClientSampleId :
EW9J9

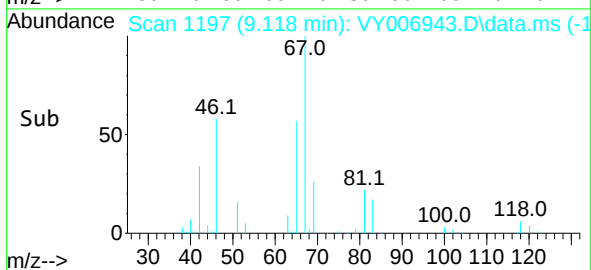
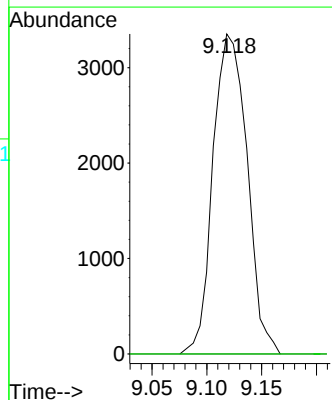
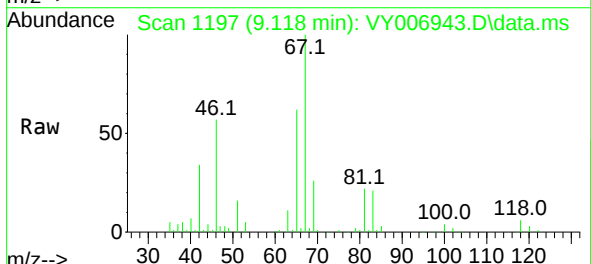


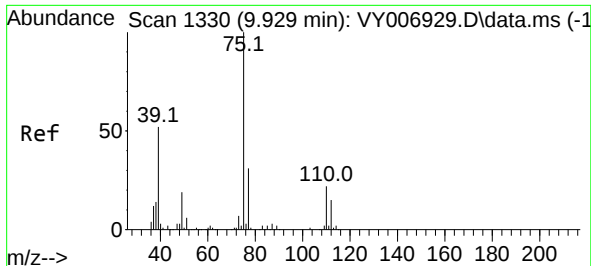
Tgt Ion: 95 Resp: 908119
Ion Ratio Lower Upper
95 100
97 64.6 47.3 87.8
132 96.4 71.3 132.5
130 99.0 74.2 137.8



#37
1,2-Dichloropropane
Concen: 4.823 ug/L
RT: 9.118 min Scan# 1197
Delta R.T. -0.097 min
Lab File: VY006943.D
Acq: 04 Dec 2021 15:48

Tgt Ion: 63 Resp: 7263
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.811 ug/L

RT: 9.886 min Scan# 1323

Delta R.T. -0.043 min

Lab File: VY006943.D

Acq: 04 Dec 2021 15:48

Instrument :

MSVOA_Y

ClientSampleId :

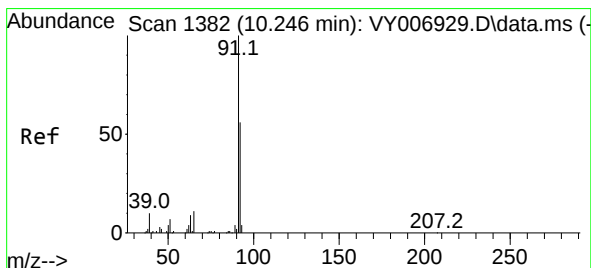
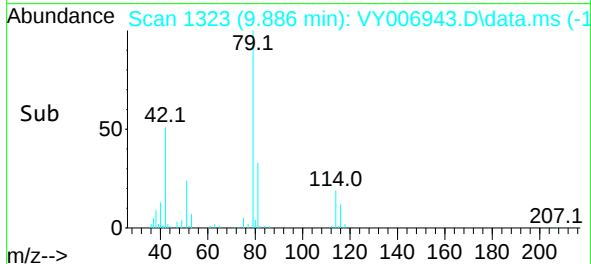
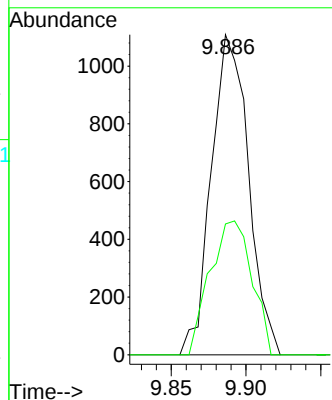
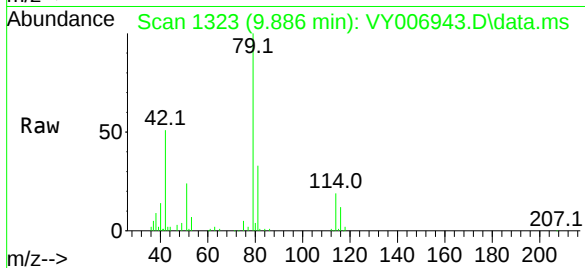
EW9J9

Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

75 100

77 40.8 21.8 40.6#



#42

Toluene

Concen: 0.683 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY006943.D

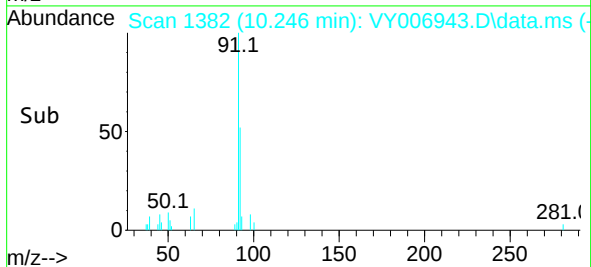
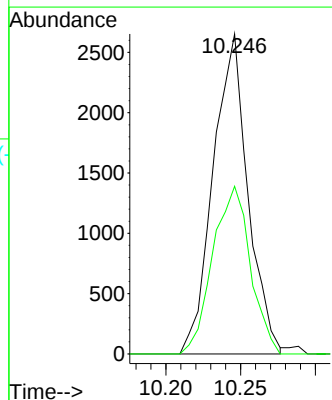
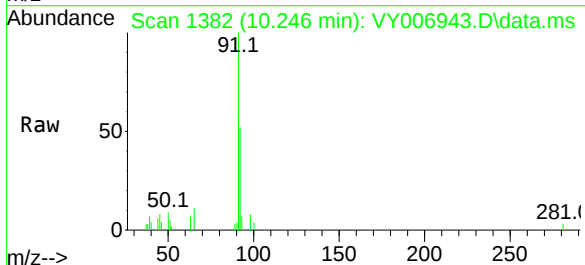
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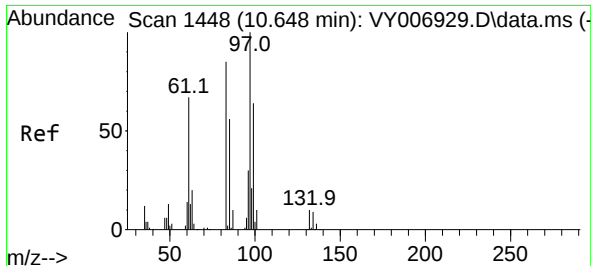
Tgt Ion: 91 Resp: 4281

Ion Ratio Lower Upper

91 100

92 52.4 39.8 74.0

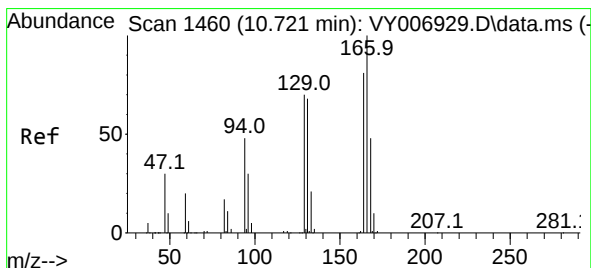
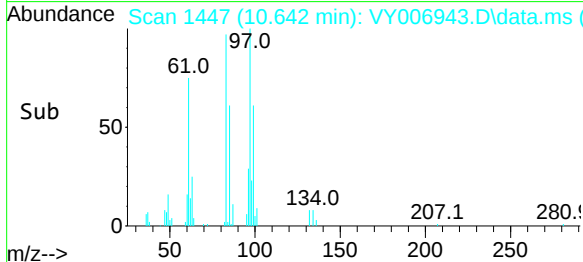
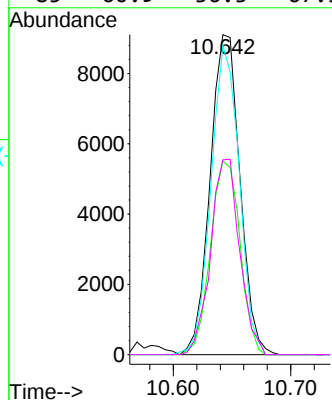
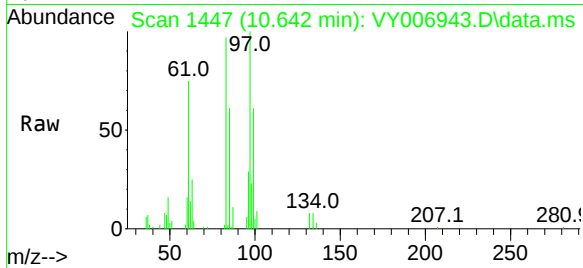




#45
1,1,2-Trichloroethane
Concen: 14.483 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY006943.D
Acq: 04 Dec 2021 15:48

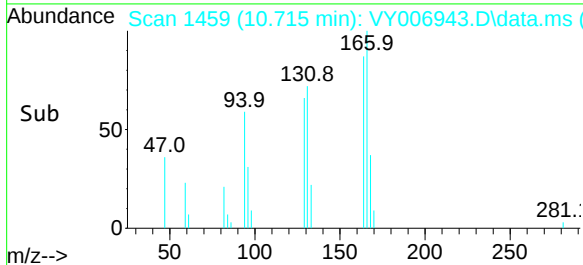
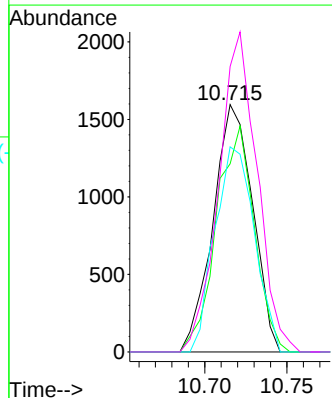
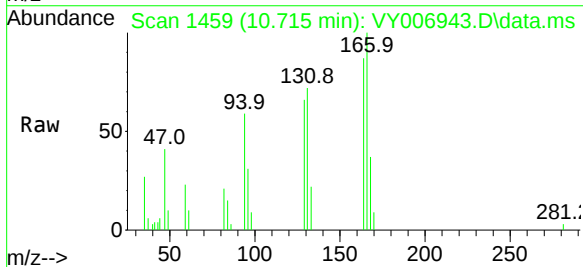
Instrument :
MSVOA_Y
ClientSampleId :
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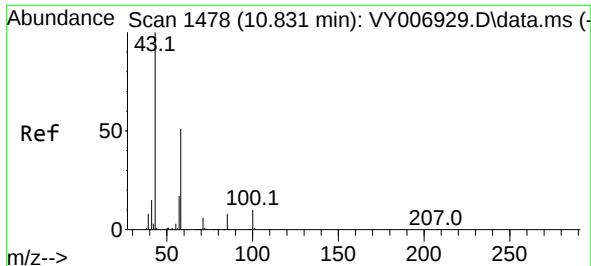
Tgt Ion: 97	Resp: 16067
Ion Ratio	Lower Upper
97 100	
99 60.5	43.0 79.8
83 96.5	58.9 109.3
85 60.9	36.3 67.3



#46
Tetrachloroethene
Concen: 2.204 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006943.D
Acq: 04 Dec 2021 15:48

Tgt Ion:164	Resp: 2672
Ion Ratio	Lower Upper
164 100	
129 76.1	62.1 115.3
131 82.9	61.0 113.2
166 115.4	90.4 168.0

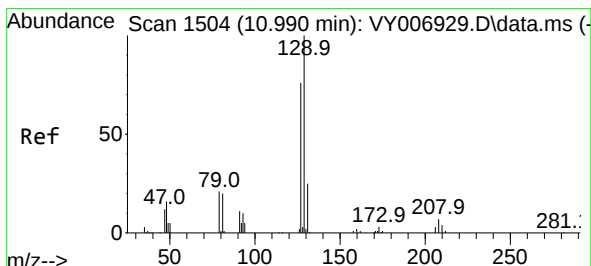
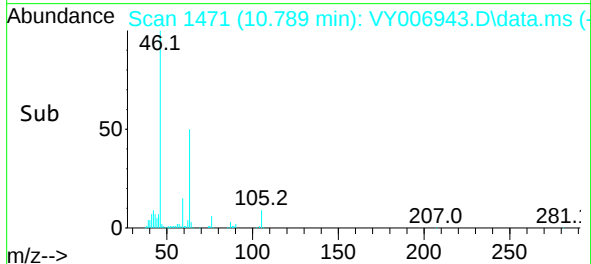
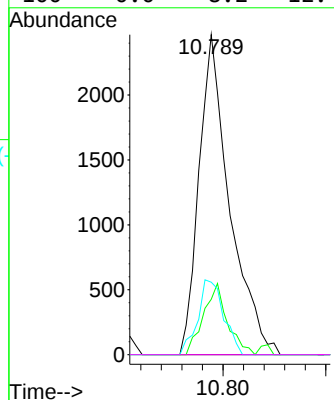
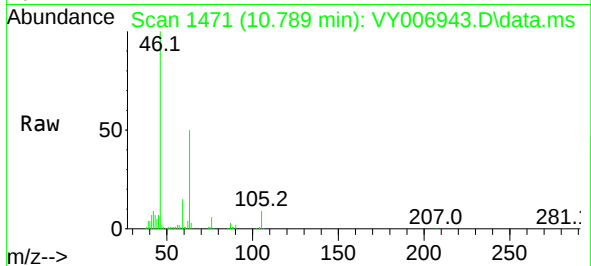




#48
2-Hexanone
Concen: 5.895 ug/L
RT: 10.789 min Scan# 1478
Delta R.T. -0.043 min
Lab File: VY006943.D
Acq: 04 Dec 2021 15:48

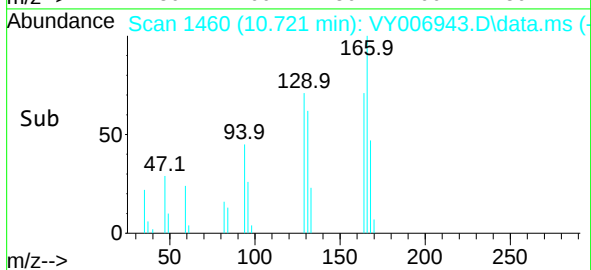
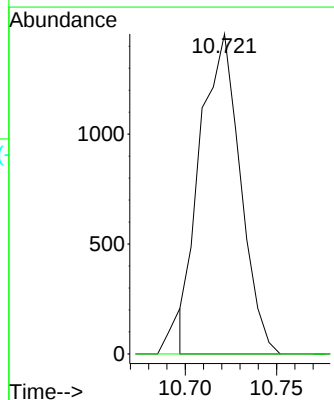
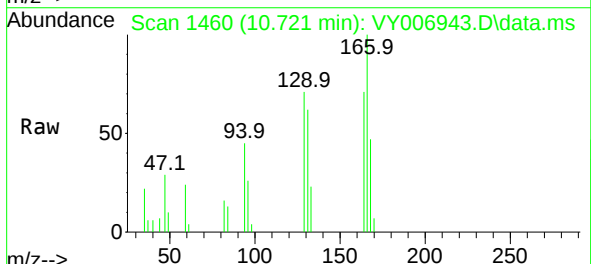
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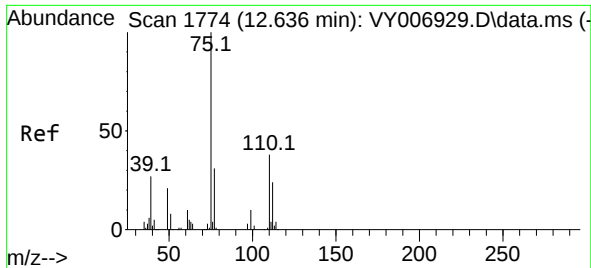
Tgt Ion:	43	Resp:	5109
Ion	Ratio	Lower	Upper
43	100		
58	17.3	39.9	59.9#
57	19.7	14.2	21.4
100	0.0	8.2	12.4#



#49
Dibromochloromethane
Concen: 1.648 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006943.D
Acq: 04 Dec 2021 15:48

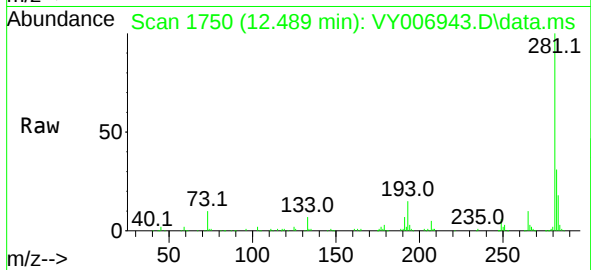
Tgt Ion:	129	Resp:	2225
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.168 ug/L
 RT: 12.489 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VY006943.D
 Acq: 04 Dec 2021 15:48

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 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 75 Resp: 846
 Ion Ratio Lower Upper
 75 100
 77 20.2 25.4 38.0#
 110 31.8 31.7 47.5

