

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006932.D
 Acq On : 04 Dec 2021 11:46
 Operator : SY/MD
 Sample : M4884-02
 Misc : 3.17g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9H8

Quant Time: Dec 05 06:06:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.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)

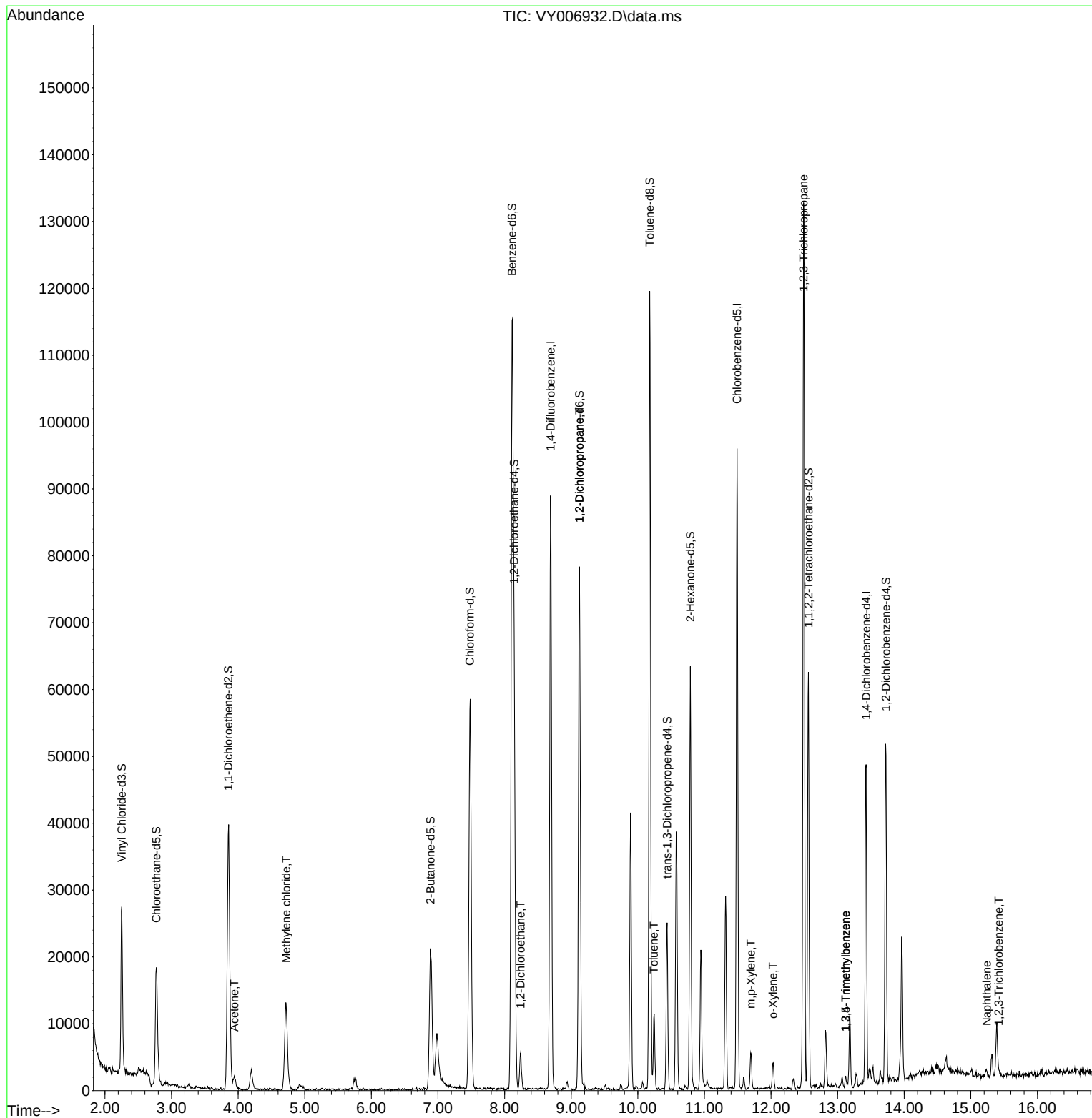
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	72836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	48886	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	12259	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	24915	26.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.240%	
7) Chloroethane-d5	2.772	69	22814	31.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.000%	
11) 1,1-Dichloroethene-d2	3.851	63	36708	18.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.280%	
21) 2-Butanone-d5	6.887	46	39435	108.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 217.680%#	
24) Chloroform-d	7.478	84	56907	31.351	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 125.400%	
26) 1,2-Dichloroethane-d4	8.143	65	37485	34.404	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 137.600%#	
32) Benzene-d6	8.112	84	98723	38.017	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 152.080%#	
36) 1,2-Dichloropropane-d6	9.124	67	35911	44.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 176.040%#	
41) Toluene-d8	10.179	98	73773	30.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 121.320%	
43) trans-1,3-Dichloroprop...	10.441	79	13433	34.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 136.160%#	
47) 2-Hexanone-d5	10.788	63	20261	107.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 214.580%#	
56) 1,1,2,2-Tetrachloroeth...	12.562	84	28647	42.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 168.560%#	
66) 1,2-Dichlorobenzene-d4	13.727	152	12792	31.998	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 128.000%#	
Target Compounds						
					Qvalue	
13) Acetone	3.942	43	2976	8.962	ug/L	97
16) Methylene chloride	4.722	84	9183	7.030	ug/L	86
27) 1,2-Dichloroethane	8.240	62	4547	3.151	ug/L #	94
37) 1,2-Dichloropropane	9.124	63	4179	4.960	ug/L #	87
42) Toluene	10.240	91	7888	2.250	ug/L	79
53) m,p-Xylene	11.697	106	1691	1.186	ug/L	82
54) o-Xylene	12.032	106	1075	0.802	ug/L	91
61) 1,2,3-Trichloropropane	12.489	75	861	2.889	ug/L #	65
62) 1,3,5-Trimethylbenzene	13.123	105	1224	0.830	ug/L	88
63) 1,2,4-Trimethylbenzene	13.123	105	1224	0.848	ug/L	94
71) Naphthalene	15.239	128	1390	1.565	ug/L #	84
72) 1,2,3-Trichlorobenzene	15.422	180	299	0.798	ug/L #	91

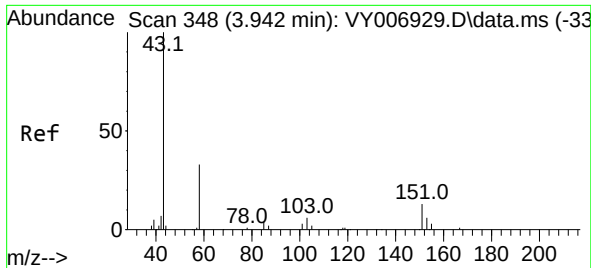
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.962 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

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Acq: 04 Dec 2021 11:46

Instrument :

MSVOA_Y

ClientSampleId :

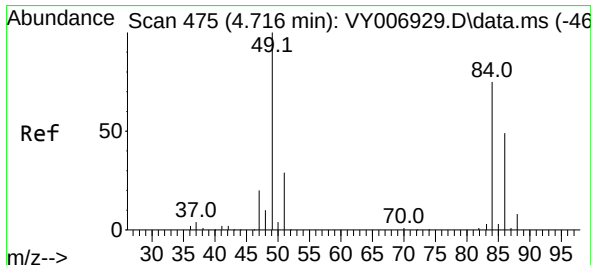
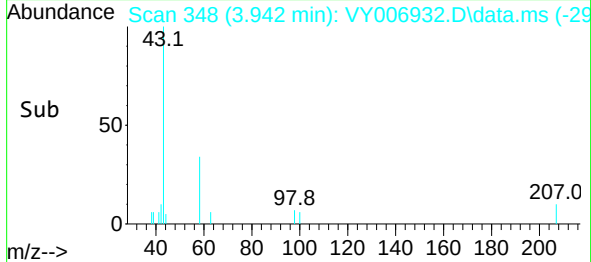
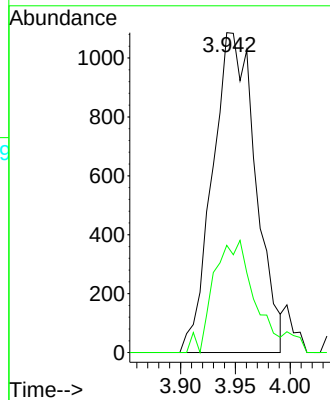
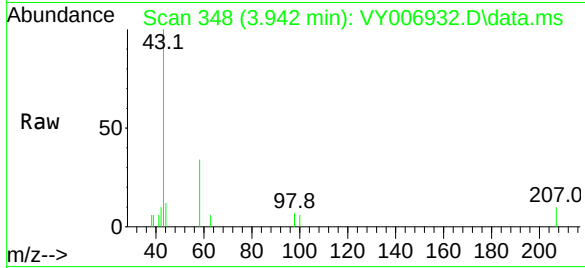
EW9H8

Tgt Ion: 43 Resp: 2976

Ion Ratio Lower Upper

43 100

58 32.1 0.0 60.8



#16

Methylene chloride

Concen: 7.030 ug/L

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY006932.D

Acq: 04 Dec 2021 11:46

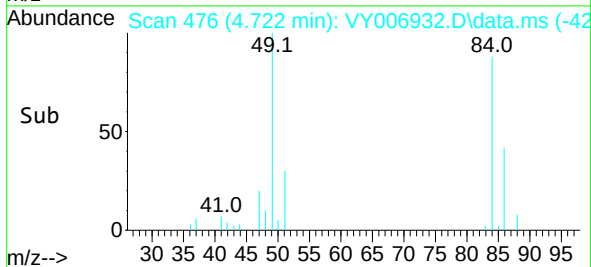
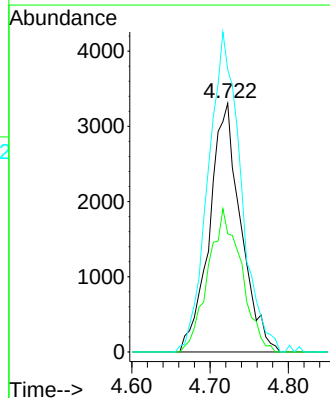
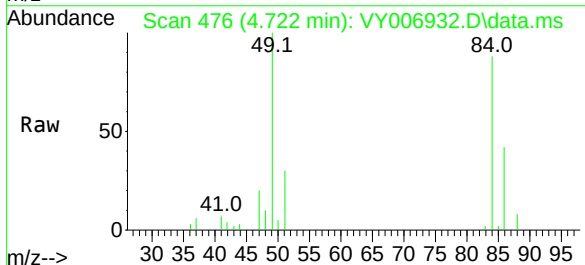
Tgt Ion: 84 Resp: 9183

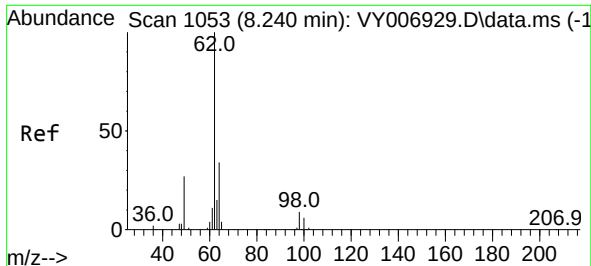
Ion Ratio Lower Upper

84 100

86 47.6 43.4 80.6

49 113.5 89.1 165.5





#27

1,2-Dichloroethane

Concen: 3.151 ug/L

RT: 8.240 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VY006932.D

Acq: 04 Dec 2021 11:46

Instrument :

MSVOA_Y

ClientSampleId :

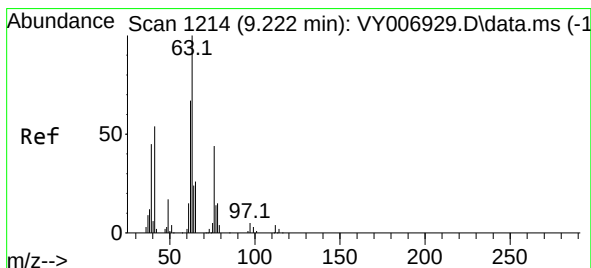
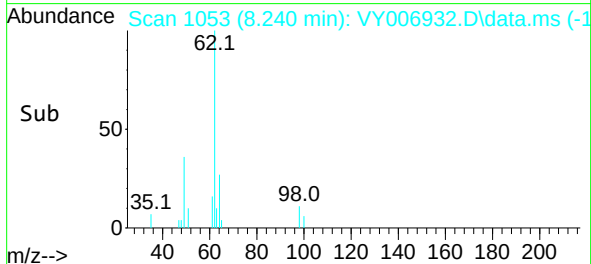
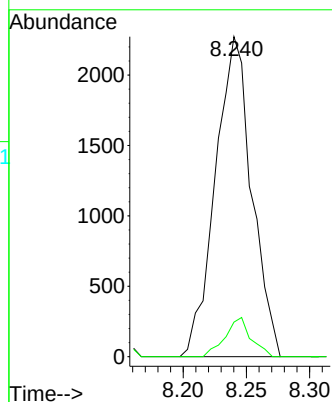
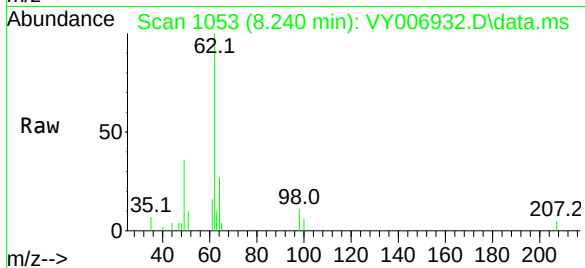
EW9H8

Tgt Ion: 62 Resp: 4547

Ion Ratio Lower Upper

62 100

98 10.8 6.9 10.3#



#37

1,2-Dichloropropane

Concen: 4.960 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.092 min

Lab File: VY006932.D

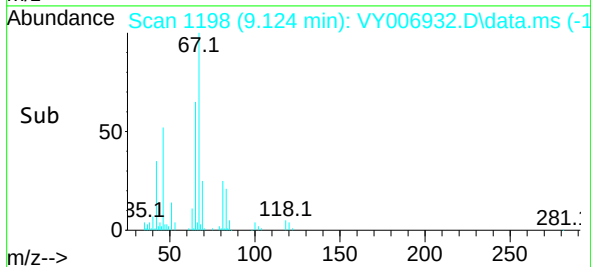
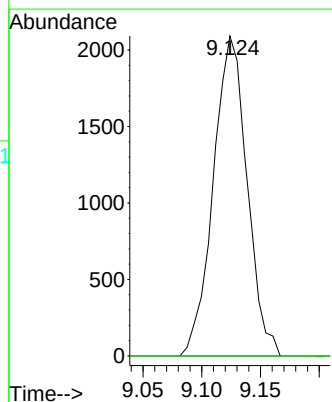
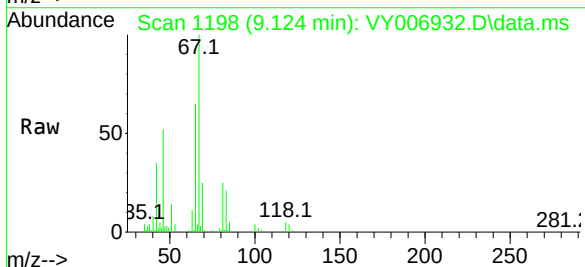
Acq: 04 Dec 2021 11:46

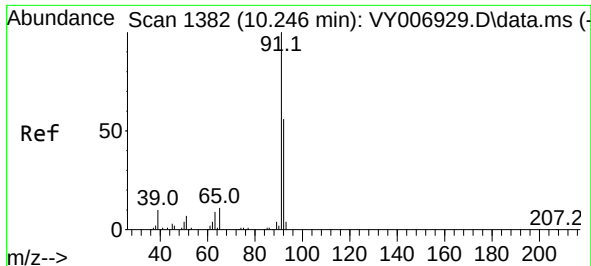
Tgt Ion: 63 Resp: 4179

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

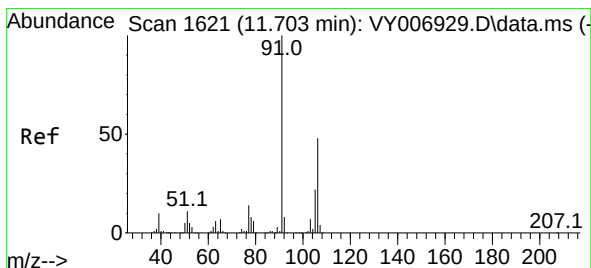
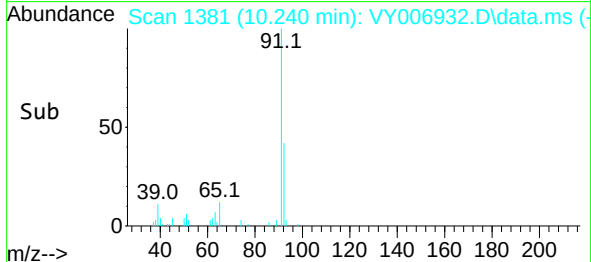
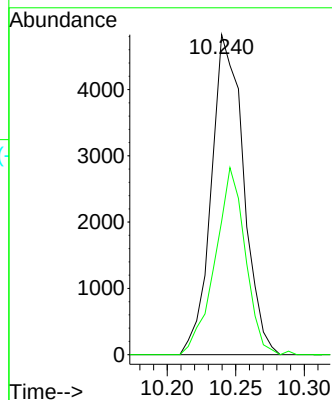
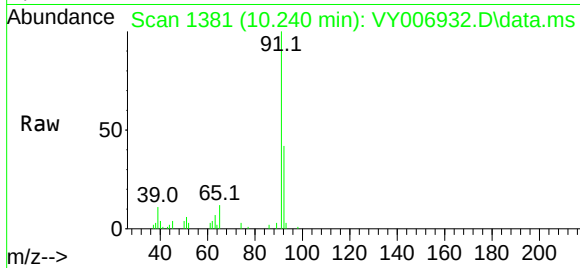




#42
Toluene
Concen: 2.250 ug/L
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

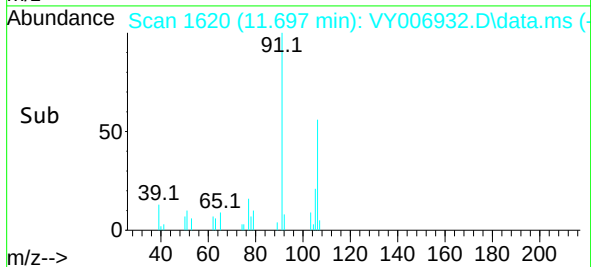
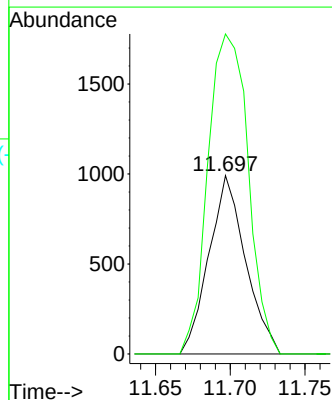
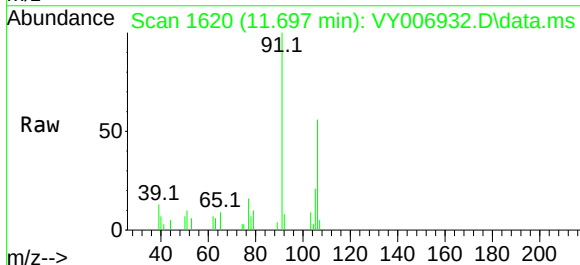
Instrument :
MSVOA_Y
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EW9H8

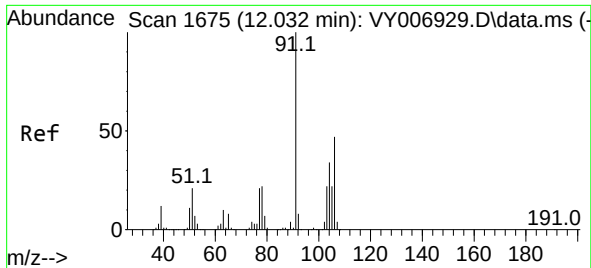
Tgt Ion: 91 Resp: 7888
Ion Ratio Lower Upper
91 100
92 41.7 39.8 74.0



#53
m,p-Xylene
Concen: 1.186 ug/L
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

Tgt Ion: 106 Resp: 1691
Ion Ratio Lower Upper
106 100
91 179.4 144.7 268.7

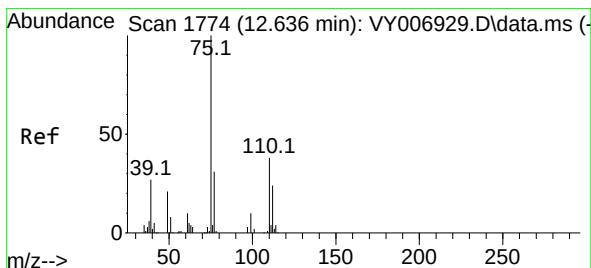
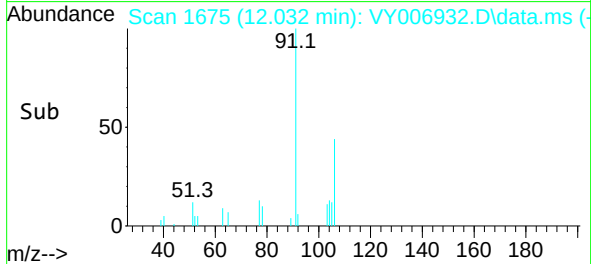
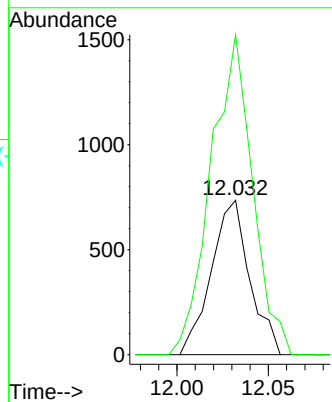
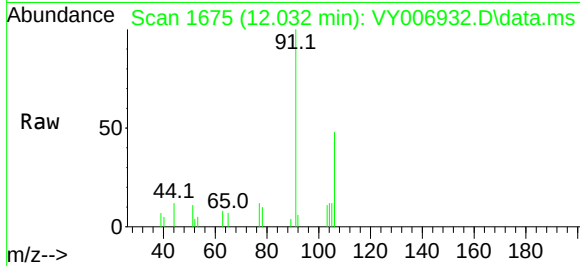




#54
o-Xylene
Concen: 0.802 ug/L
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

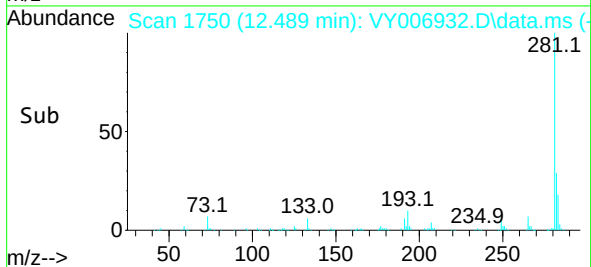
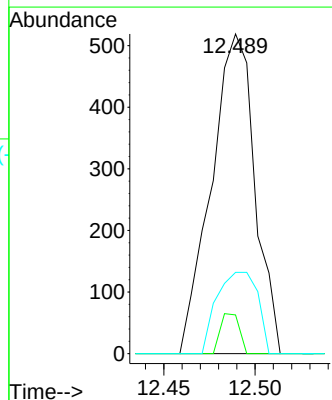
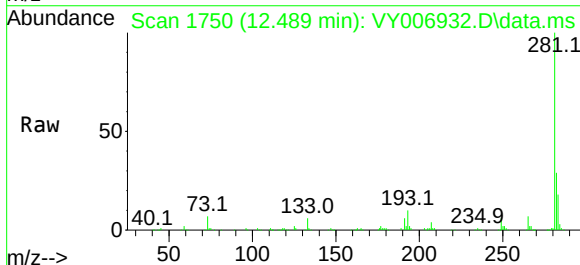
Instrument :
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ClientSampleId :
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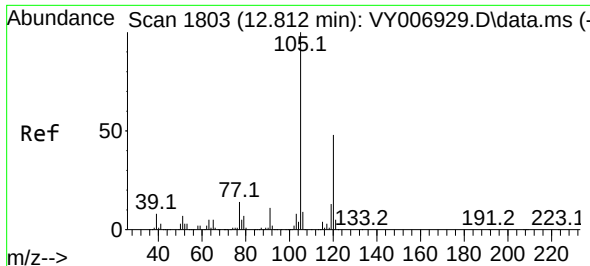
Tgt Ion:106 Resp: 1075
Ion Ratio Lower Upper
106 100
91 207.3 155.5 288.7



#61
1,2,3-Trichloropropane
Concen: 2.889 ug/L
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

Tgt Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
77 5.5 25.4 38.0#
110 23.8 31.7 47.5#

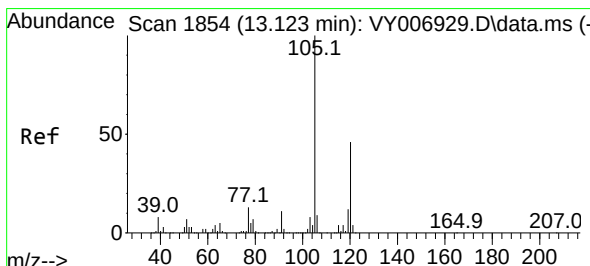
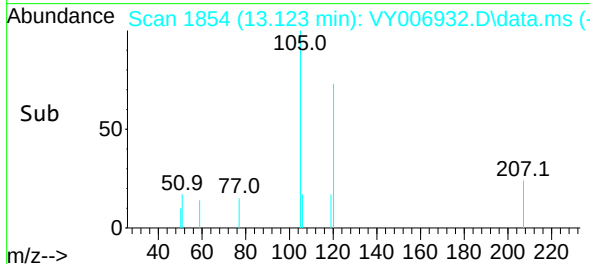
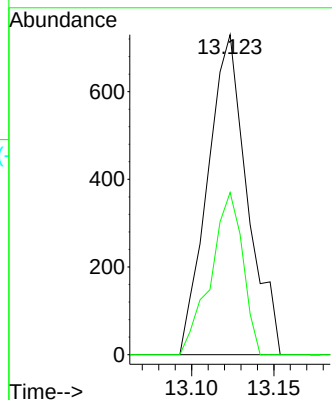
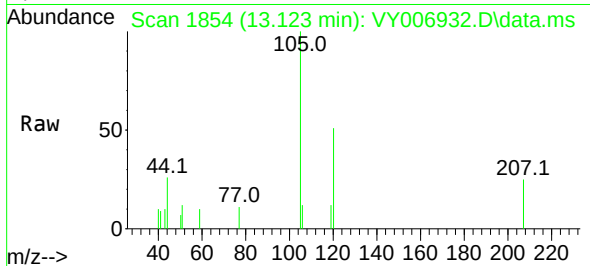




#62
1,3,5-Trimethylbenzene
Concen: 0.830 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.311 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

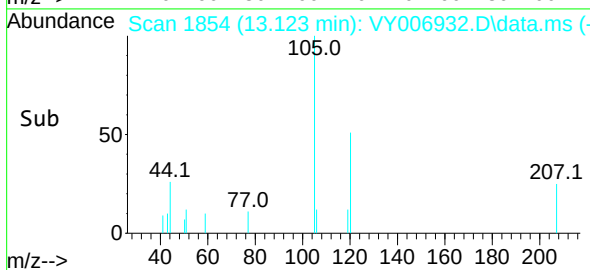
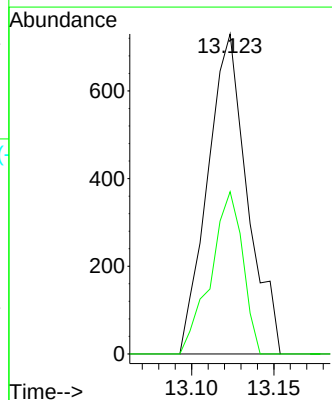
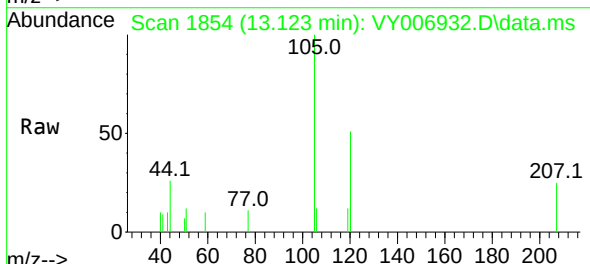
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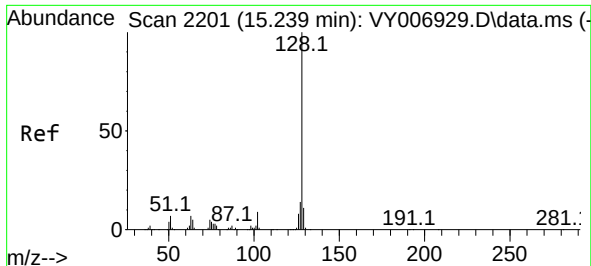
Tgt Ion:105 Resp: 1224
Ion Ratio Lower Upper
105 100
120 40.8 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 0.848 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

Tgt Ion:105 Resp: 1224
Ion Ratio Lower Upper
105 100
120 40.8 36.0 54.0

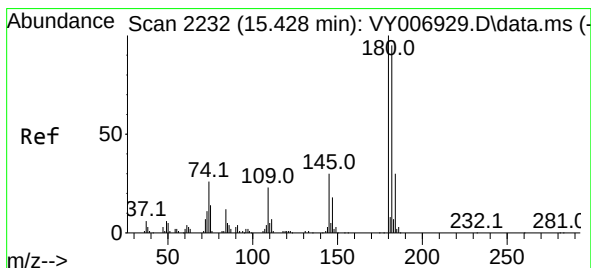
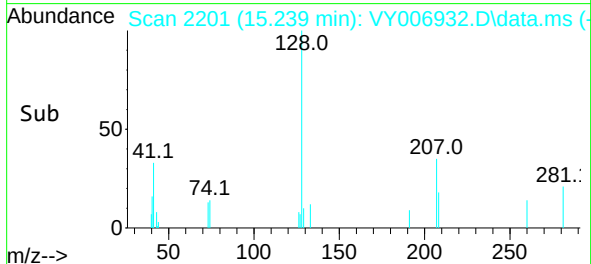
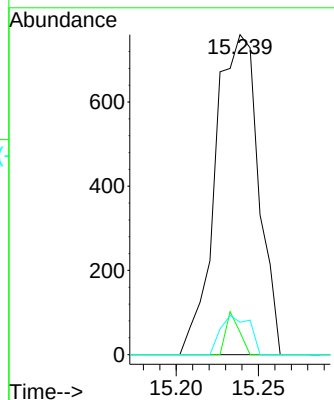
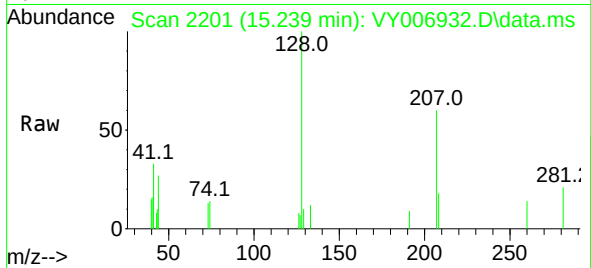




#71
Naphthalene
Concen: 1.565 ug/L
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

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Tgt Ion:128 Resp: 1390
Ion Ratio Lower Upper
128 100
127 4.1 10.8 16.2#
129 8.2 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.798 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006932.D
Acq: 04 Dec 2021 11:46

Tgt Ion:180 Resp: 299
Ion Ratio Lower Upper
180 100
182 89.6 75.5 113.3
145 17.4 23.5 35.3#

