

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021551.D
 Acq On : 22 Dec 2021 02:41
 Operator : SY/VA
 Sample : M5194-18
 Misc : 7.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:53:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 02:57:00 2021
 Response via : Initial Calibration

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

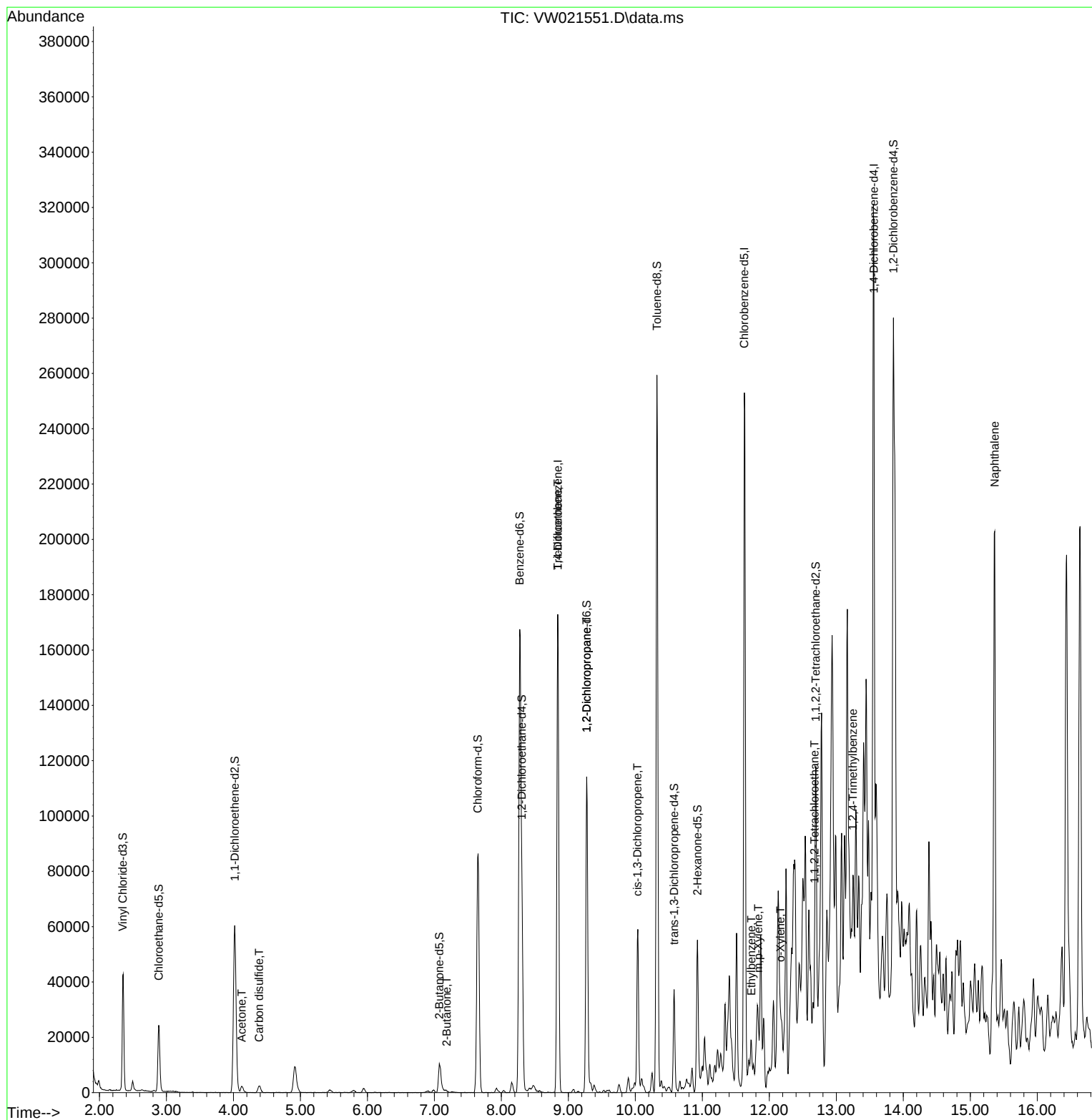
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	151135	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	146243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	82448	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41864	15.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.840%
7) Chloroethane-d5	2.885	69	28056	15.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.680%
11) 1,1-Dichloroethene-d2	4.019	63	57199	15.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.360%
21) 2-Butanone-d5	7.073	46	17923	46.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.380%
24) Chloroform-d	7.647	84	90204	21.417	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	8.305	65	48479	21.639	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.560%
32) Benzene-d6	8.274	84	172538	21.524	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	9.274	67	48462	22.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.160%
41) Toluene-d8	10.323	98	170045	20.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.040%
43) trans-1,3-Dichloroprop...	10.579	79	19471	19.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.680%
47) 2-Hexanone-d5	10.926	63	14962	47.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.140%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	37376	20.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	65295	20.435	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.720%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	4348	12.500	ug/L	99
14) Carbon disulfide	4.385	76	5337	1.103	ug/L	98
22) 2-Butanone	7.183	43	1105	2.433	ug/L #	58
34) Trichloroethene	8.841	95	4505	2.014	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	6137	3.454	ug/L #	92
39) cis-1,3-Dichloropropene	10.030	75	1758	0.628	ug/L	89
52) Ethylbenzene	11.731	91	11731	1.102	ug/L	97
53) m,p-Xylene	11.835	106	5568	1.296	ug/L	90
54) o-Xylene	12.164	106	3070	0.753	ug/L	84
57) 1,1,2,2-Tetrachloroethane	12.676	83	1544	0.926	ug/L #	84
63) 1,2,4-Trimethylbenzene	13.249	105	24456	2.601	ug/L	93
71) Naphthalene	15.365	128	154741	29.982	ug/L	99

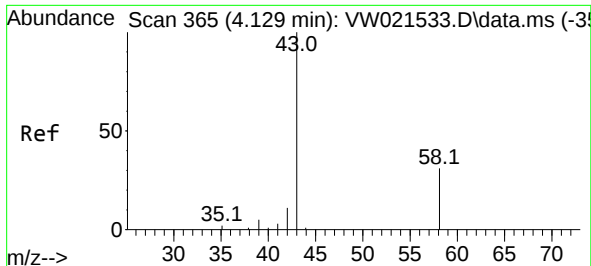
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021551.D
Acq On : 22 Dec 2021 02:41
Operator : SY/VA
Sample : M5194-18
Misc : 7.10g/10.0mL/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 22 03:53:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
Response via : Initial Calibration

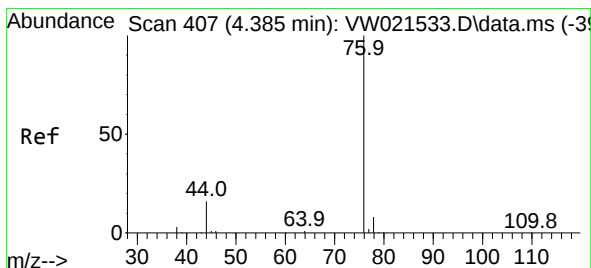
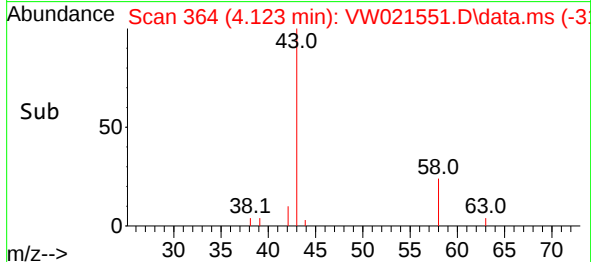
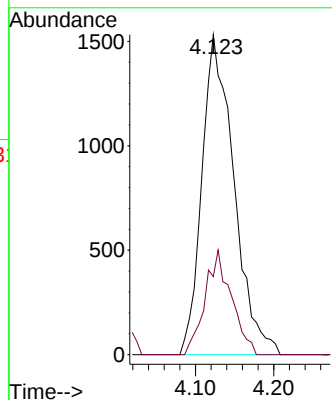
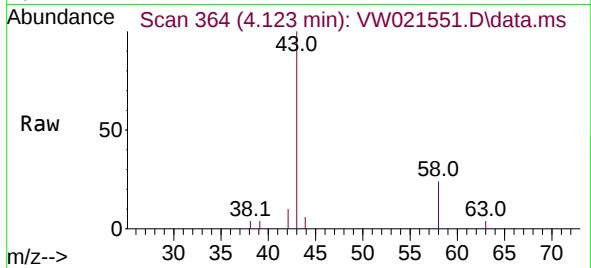




#13
Acetone
Concen: 12.500 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW021551.D
Acq: 22 Dec 2021 02:41

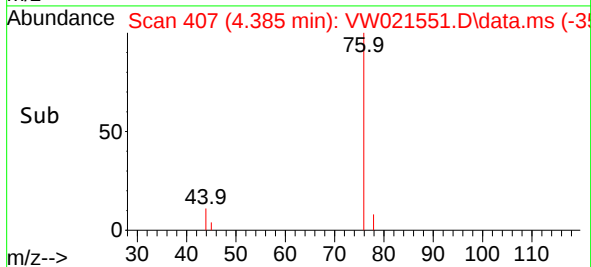
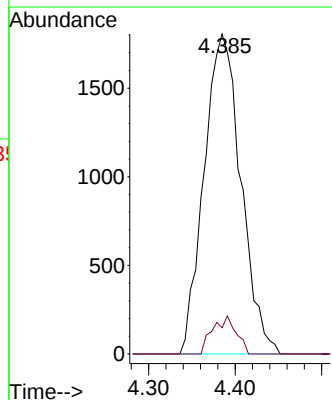
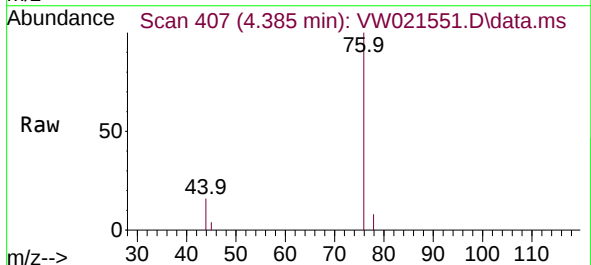
Instrument :
MSVOA_W
ClientSampleId :

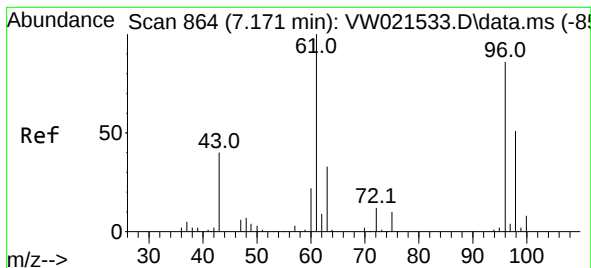
Tgt Ion: 43 Resp: 4348
Ion Ratio Lower Upper
43 100
58 26.8 0.0 52.8



#14
Carbon disulfide
Concen: 1.103 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021551.D
Acq: 22 Dec 2021 02:41

Tgt Ion: 76 Resp: 5337
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7





#22

2-Butanone

Concen: 2.433 ug/L

RT: 7.183 min Scan# 8

Delta R.T. 0.012 min

Lab File: VW021551.D

Acq: 22 Dec 2021 02:41

Instrument :

MSVOA_W

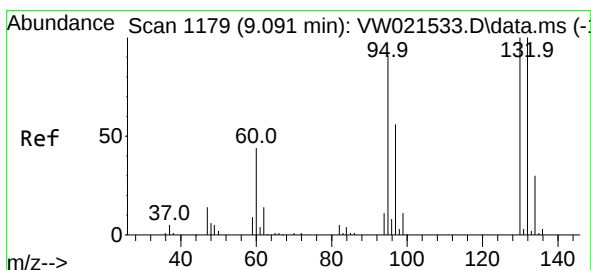
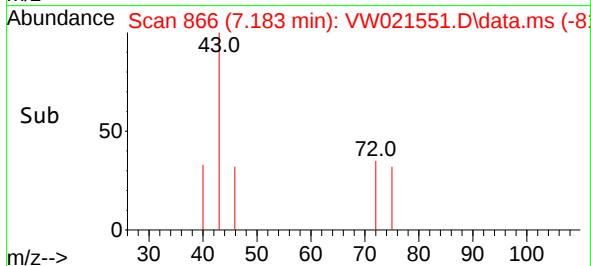
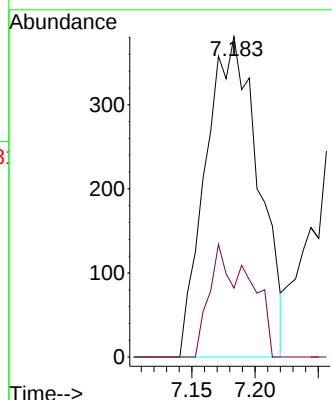
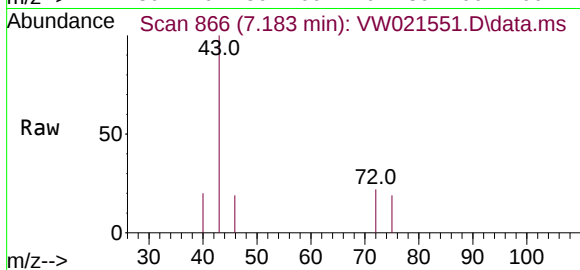
ClientSampleId :

Tgt Ion: 43 Resp: 1105

Ion Ratio Lower Upper

43 100

72 3.0 11.8 35.4#



#34

Trichloroethene

Concen: 2.014 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021551.D

Acq: 22 Dec 2021 02:41

Tgt Ion: 95 Resp: 4505

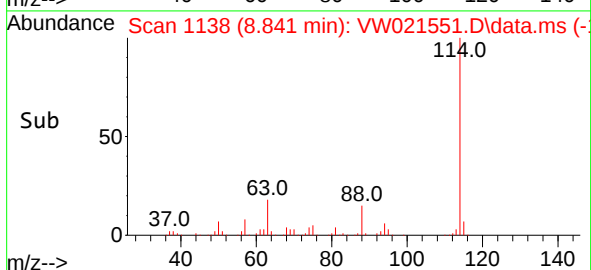
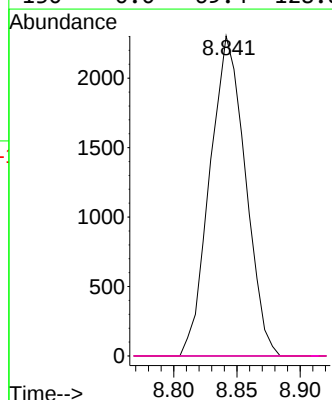
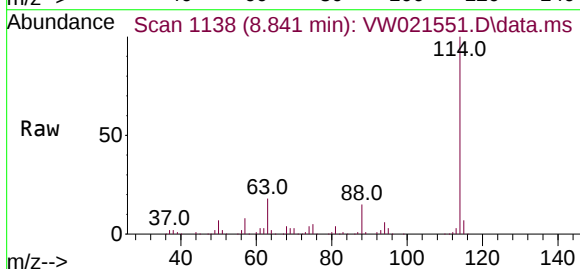
Ion Ratio Lower Upper

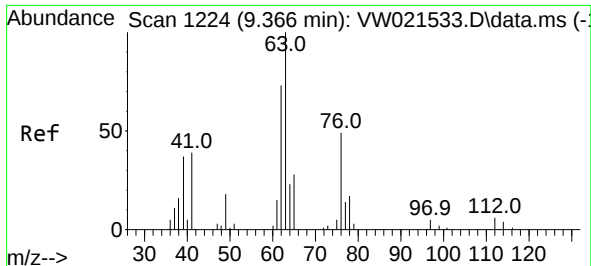
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#37

1,2-Dichloropropane

Concen: 3.454 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021551.D

Acq: 22 Dec 2021 02:41

Instrument :

MSVOA_W

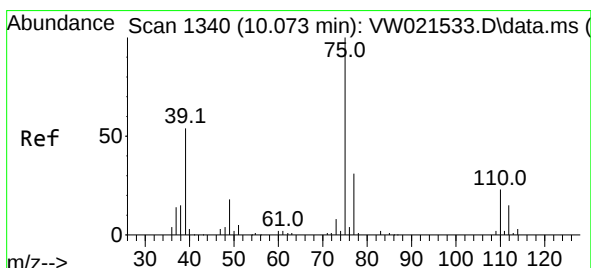
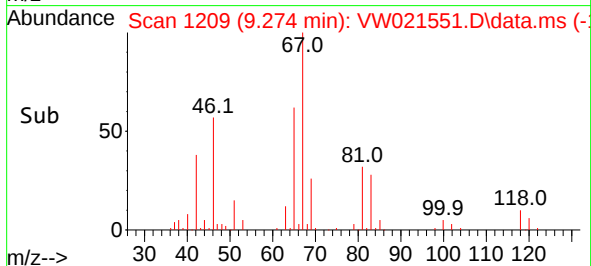
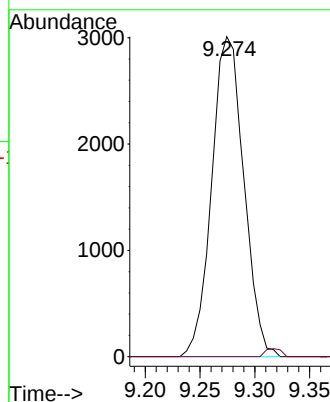
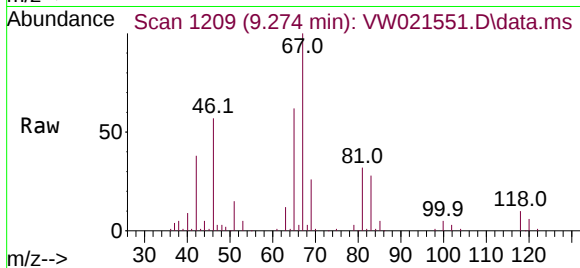
ClientSampleId :

Tgt Ion: 63 Resp: 6137

Ion Ratio Lower Upper

63 100

112 1.2 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.628 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021551.D

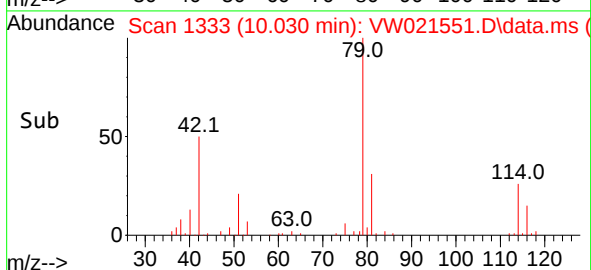
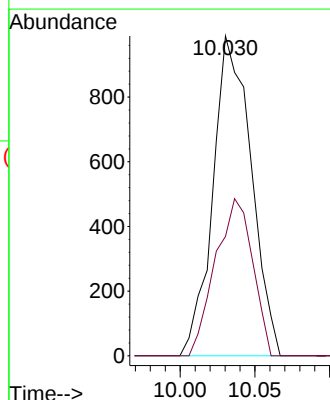
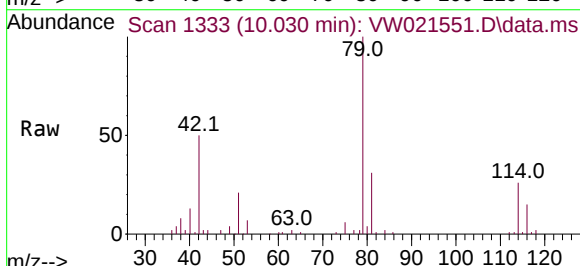
Acq: 22 Dec 2021 02:41

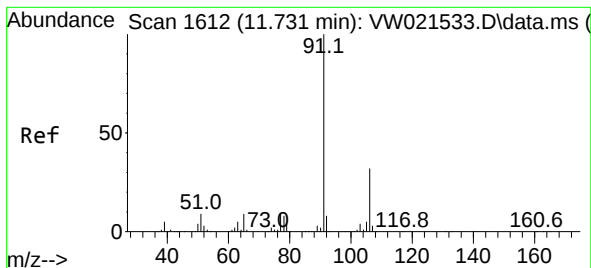
Tgt Ion: 75 Resp: 1758

Ion Ratio Lower Upper

75 100

77 37.3 21.8 40.6

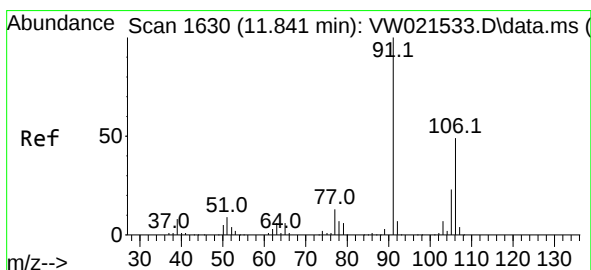
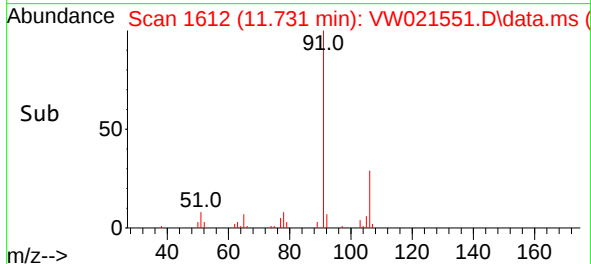
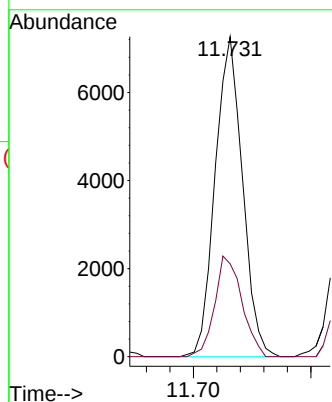
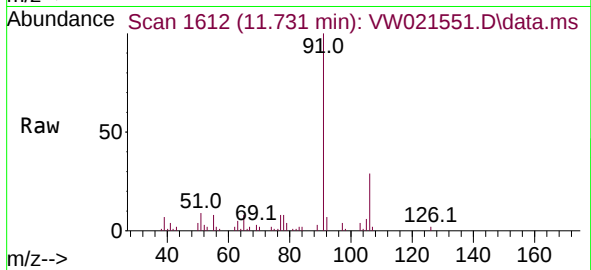




#52
Ethylbenzene
Concen: 1.102 ug/L
RT: 11.731 min Scan# 11731
Delta R.T. -0.000 min
Lab File: VW021551.D
Acq: 22 Dec 2021 02:41

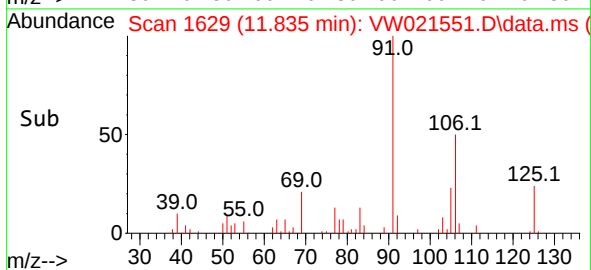
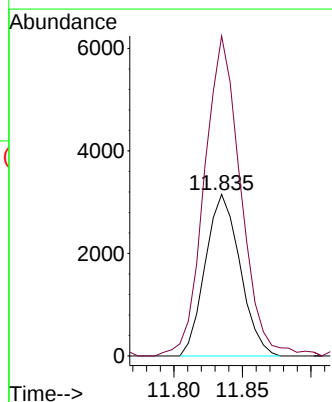
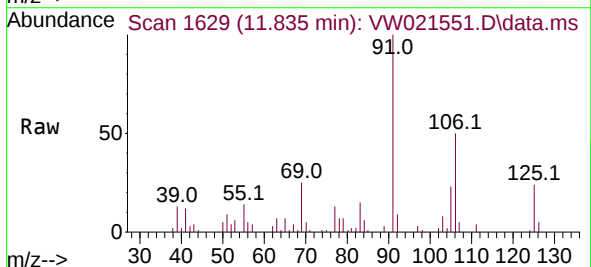
Instrument :
MSVOA_W
ClientSampleId :

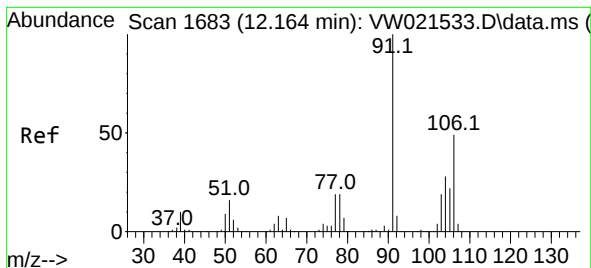
Tgt Ion: 91 Resp: 11731
Ion Ratio Lower Upper
91 100
106 29.1 21.5 39.9



#53
m,p-Xylene
Concen: 1.296 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021551.D
Acq: 22 Dec 2021 02:41

Tgt Ion: 106 Resp: 5568
Ion Ratio Lower Upper
106 100
91 198.1 149.9 278.3





#54

o-Xylene

Concen: 0.753 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021551.D

Acq: 22 Dec 2021 02:41

Instrument :

MSVOA_W

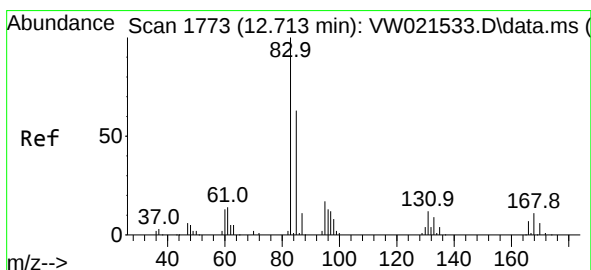
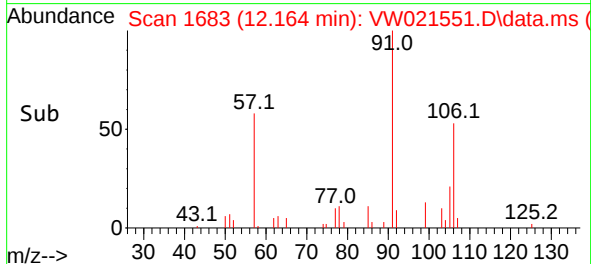
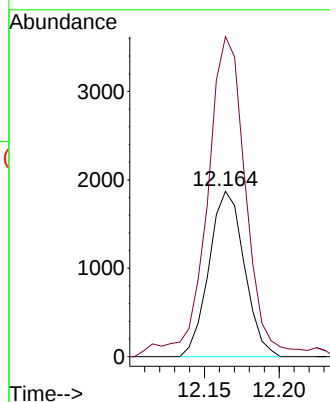
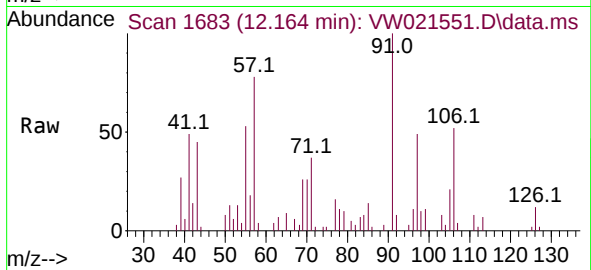
ClientSampleId :

Tgt Ion:106 Resp: 3070

Ion Ratio Lower Upper

106 100

91 193.5 153.6 285.3



#57

1,1,2,2-Tetrachloroethane

Concen: 0.926 ug/L

RT: 12.676 min Scan# 1767

Delta R.T. -0.037 min

Lab File: VW021551.D

Acq: 22 Dec 2021 02:41

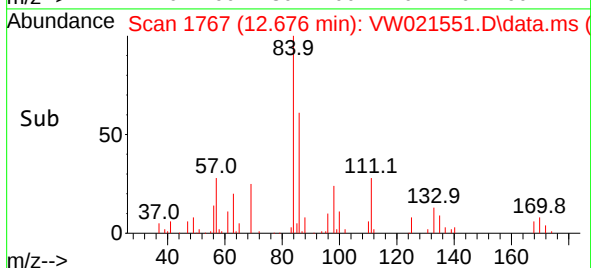
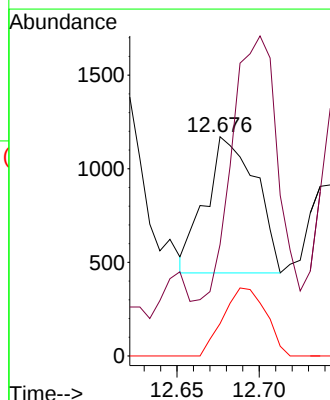
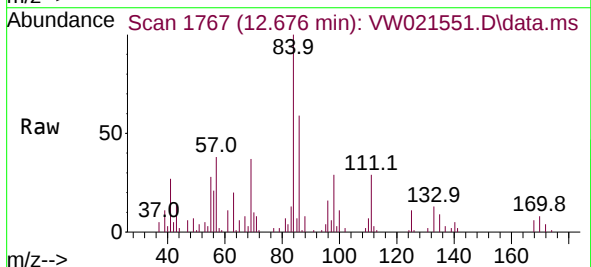
Tgt Ion: 83 Resp: 1544

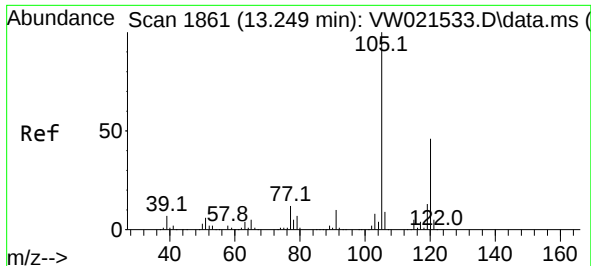
Ion Ratio Lower Upper

83 100

85 50.8 44.0 81.6

131 14.8 6.9 10.3#

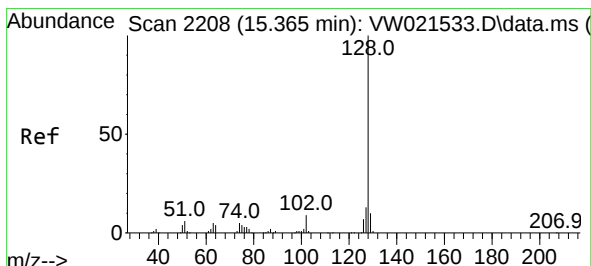
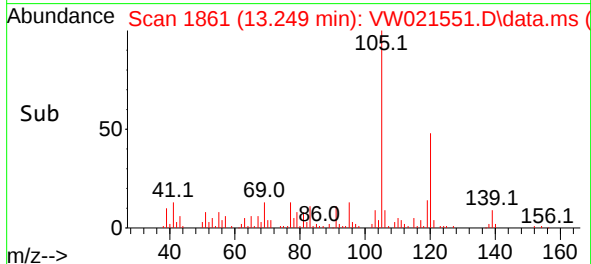
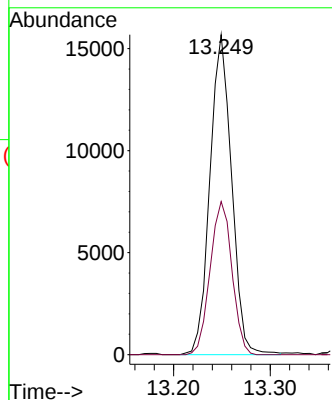
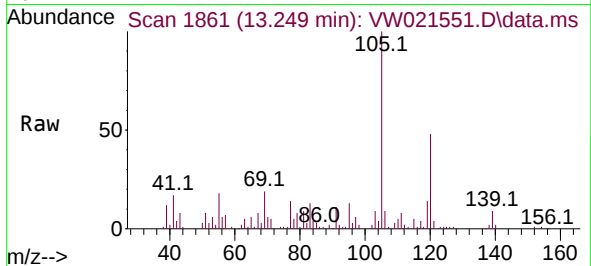




#63
1,2,4-Trimethylbenzene
Concen: 2.601 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021551.D
Acq: 22 Dec 2021 02:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 24456
Ion Ratio Lower Upper
105 100
120 48.1 35.0 52.6



#71
Naphthalene
Concen: 29.982 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW021551.D
Acq: 22 Dec 2021 02:41

Tgt Ion:128 Resp: 154741
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.4 8.6 12.8

