

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021471.D
 Acq On : 18 Dec 2021 13:05
 Operator : SY/VA
 Sample : M5154-15
 Misc : 6.60g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:11:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

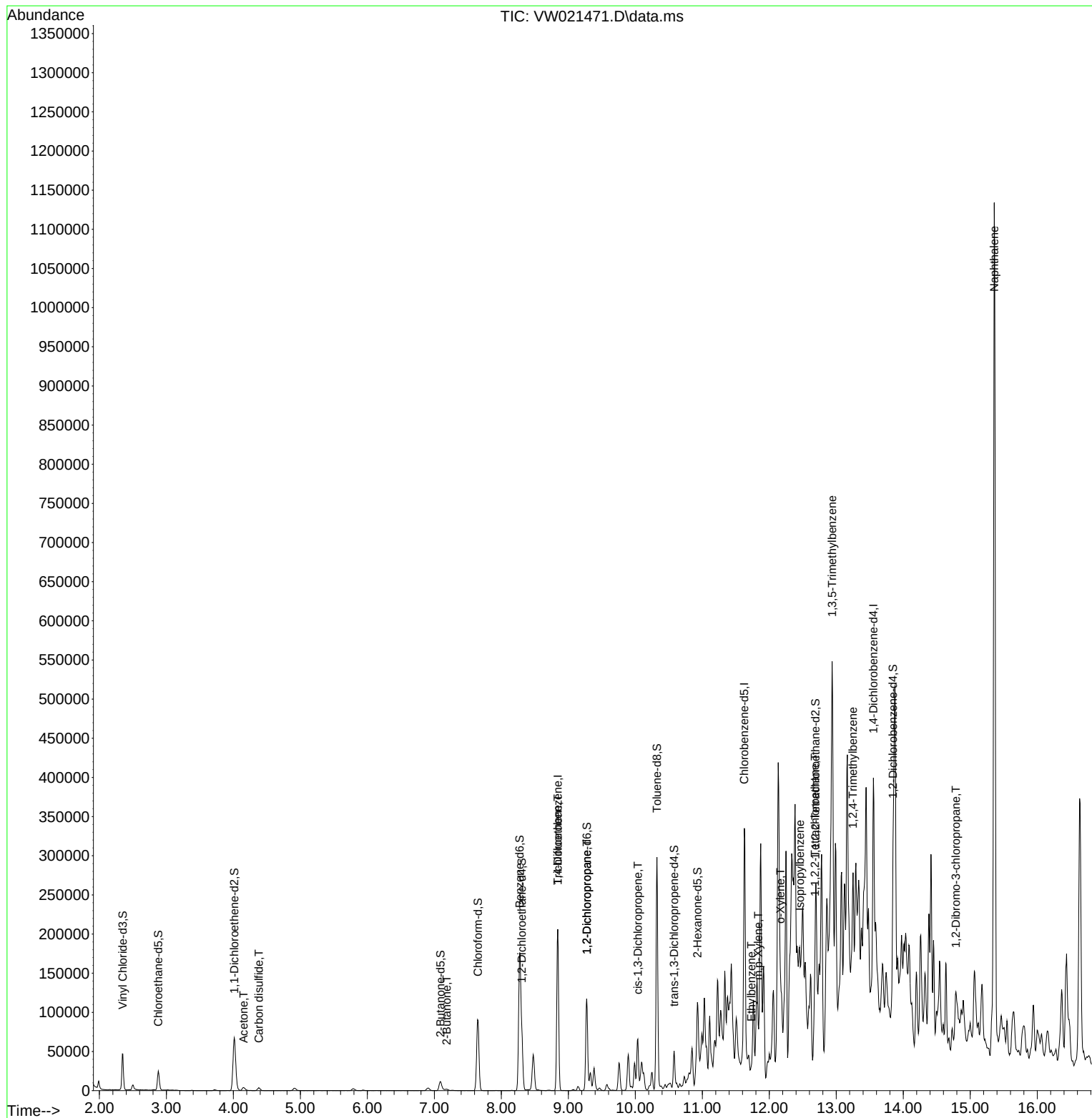
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	181243	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	176660	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	90805	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47240	14.311	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.240%		
7) Chloroethane-d5	2.879	69	27962	12.814	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.240%		
11) 1,1-Dichloroethene-d2	4.013	63	63575	14.446	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.800%		
21) 2-Butanone-d5	7.092	46	21405	46.003	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.000%		
24) Chloroform-d	7.653	84	94909	18.791	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.160%		
26) 1,2-Dichloroethane-d4	8.305	65	51791	19.277	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	77.120%		
32) Benzene-d6	8.275	84	187628	19.376	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.520%		
36) 1,2-Dichloropropane-d6	9.275	67	52643	20.271	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.080%		
41) Toluene-d8	10.323	98	189122	19.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.480%		
43) trans-1,3-Dichloroprop...	10.579	79	22769	19.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.160%		
47) 2-Hexanone-d5	10.927	63	18877	49.156	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.320%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	45230	20.260	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.040%		
66) 1,2-Dichlorobenzene-d4	13.847	152	64364	18.289	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.160%#		
Target Compounds						Qvalue
13) Acetone	4.153	43	8737	20.946	ug/L	99
14) Carbon disulfide	4.379	76	8018	1.382	ug/L	98
22) 2-Butanone	7.183	43	2451	4.499	ug/L	99
34) Trichloroethene	8.842	95	5470	2.025	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	6415	2.988	ug/L #	67
39) cis-1,3-Dichloropropene	10.037	75	1823	0.539	ug/L #	71
52) Ethylbenzene	11.731	91	7683	0.597	ug/L	92
53) m,p-Xylene	11.835	106	11636	2.243	ug/L	92
54) o-Xylene	12.164	106	3650	0.741	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.682	83	7551	3.749	ug/L #	86
60) Isopropylbenzene	12.457	105	5325	0.432	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.938	105	34682	3.303	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	89521	8.643	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.786	75	1150	4.219	ug/L #	65
71) Naphthalene	15.359	128	971012	170.827	ug/L	99

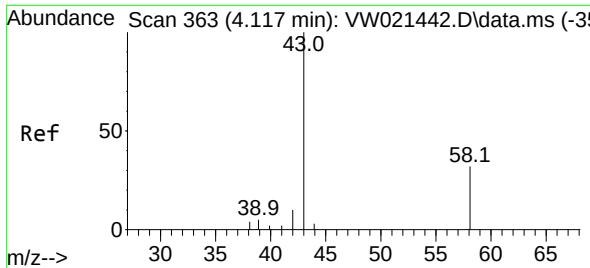
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration





#13

Acetone

Concen: 20.946 ug/L

RT: 4.153 min Scan# 3

Delta R.T. 0.037 min

Lab File: VW021471.D

Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_W

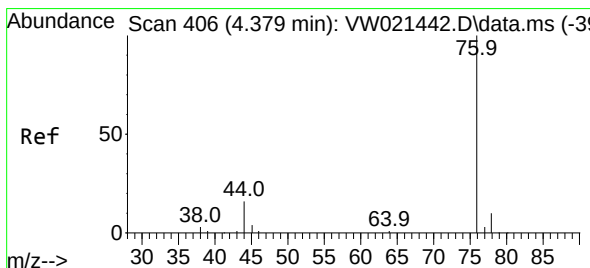
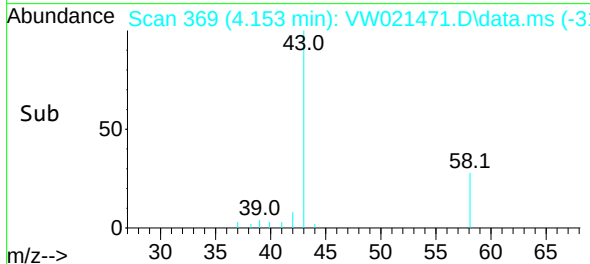
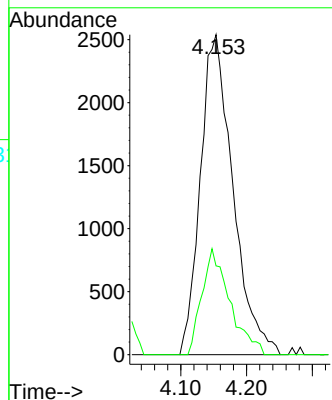
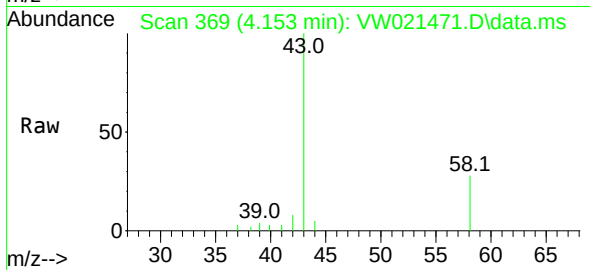
ClientSampleId :

Tgt Ion: 43 Resp: 8737

Ion Ratio Lower Upper

43 100

58 25.8 0.0 52.8



#14

Carbon disulfide

Concen: 1.382 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW021471.D

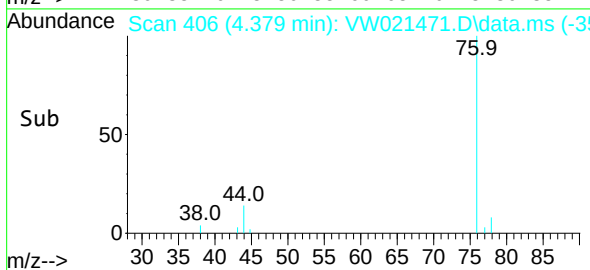
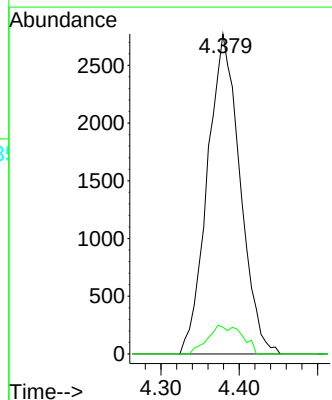
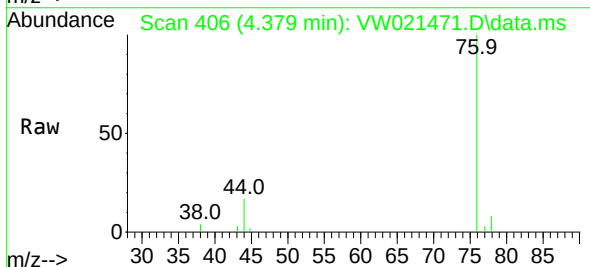
Acq: 18 Dec 2021 13:05

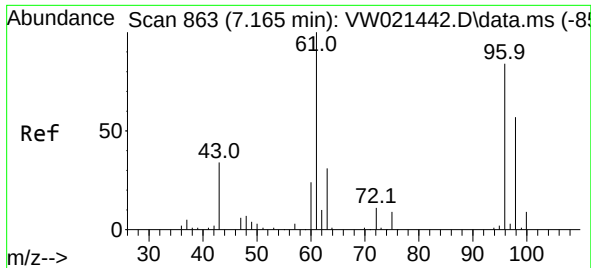
Tgt Ion: 76 Resp: 8018

Ion Ratio Lower Upper

76 100

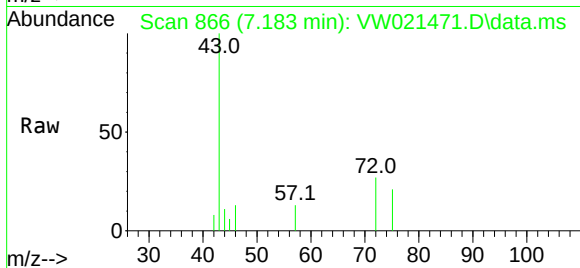
78 8.3 7.1 10.7



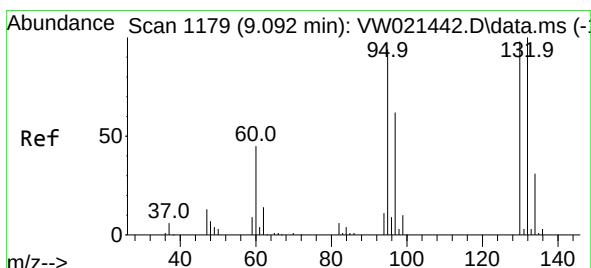
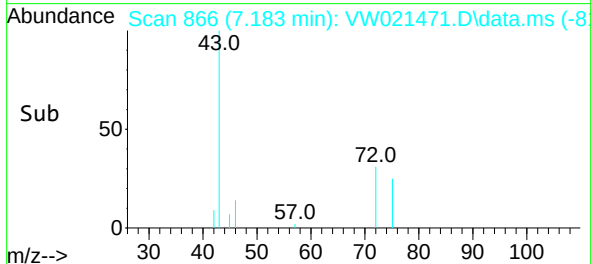
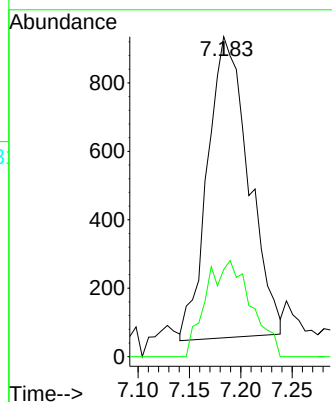


#22
2-Butanone
Concen: 4.499 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Instrument :
MSVOA_W
ClientSampleId :

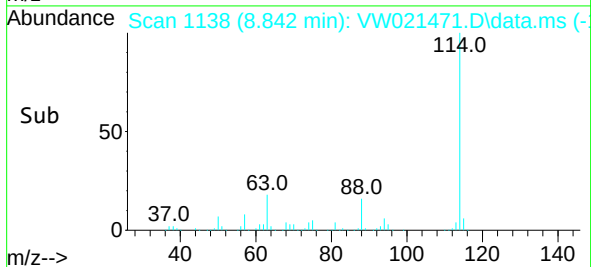
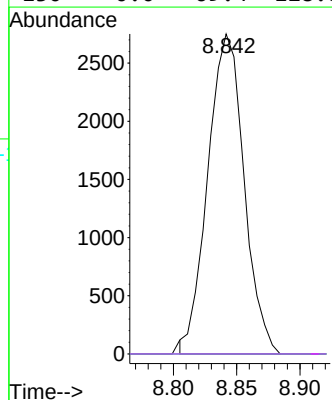
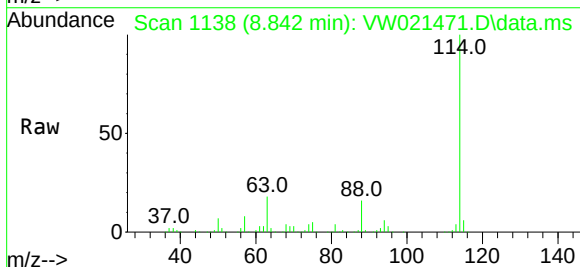


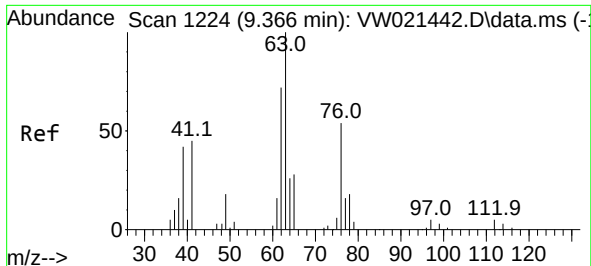
Tgt Ion: 43 Resp: 2451
Ion Ratio Lower Upper
43 100
72 22.9 11.8 35.4



#34
Trichloroethene
Concen: 2.025 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 95 Resp: 5470
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: 2.988 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021471.D

Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_W

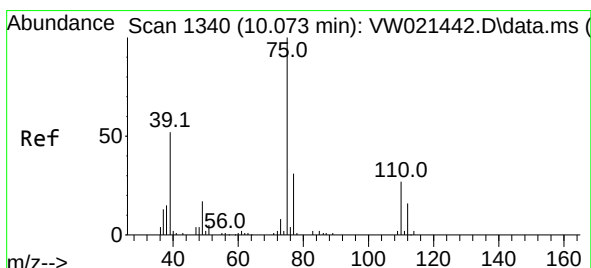
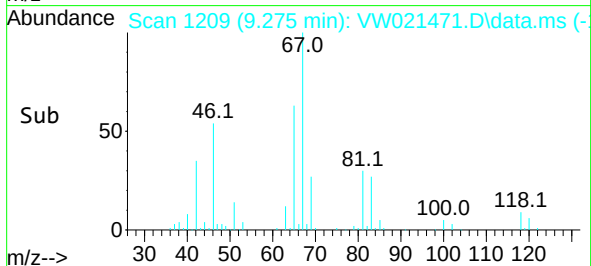
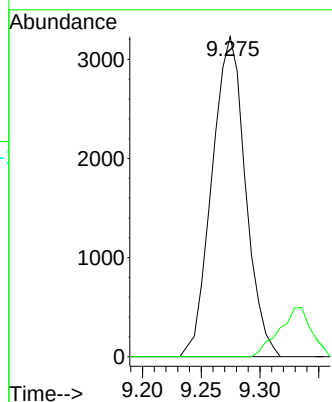
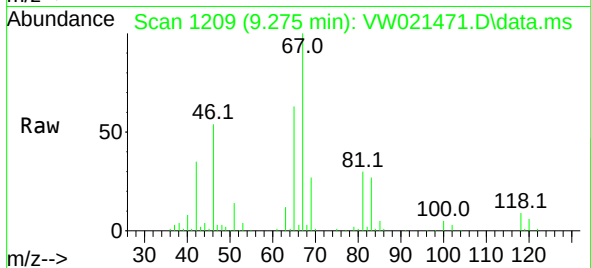
ClientSampleId :

Tgt Ion: 63 Resp: 6415

Ion Ratio Lower Upper

63 100

112 14.8 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021471.D

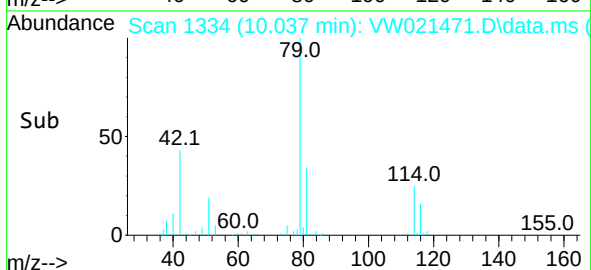
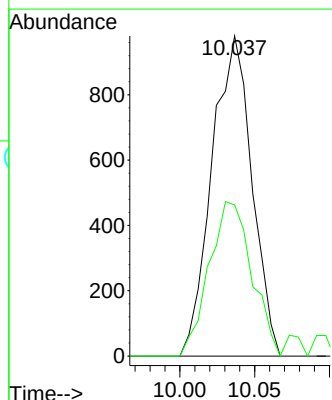
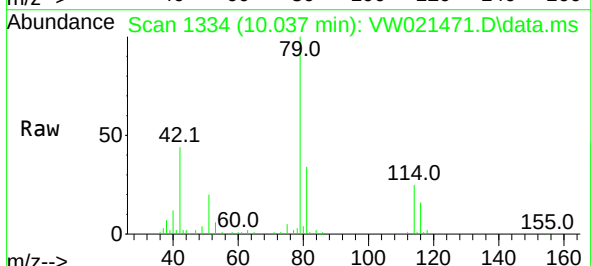
Acq: 18 Dec 2021 13:05

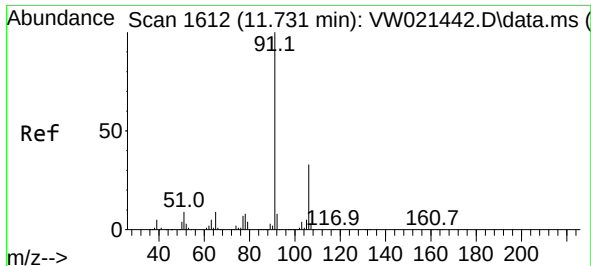
Tgt Ion: 75 Resp: 1823

Ion Ratio Lower Upper

75 100

77 47.2 21.8 40.6#

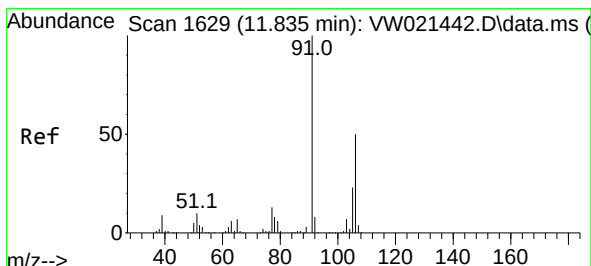
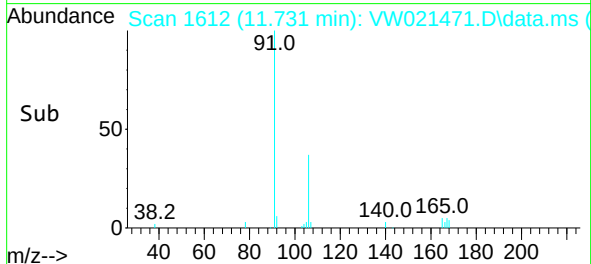
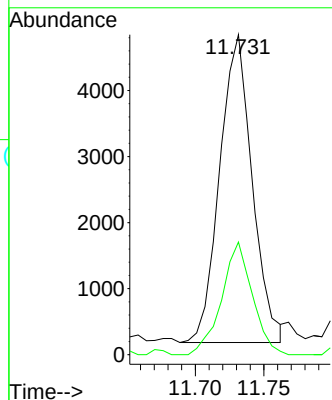
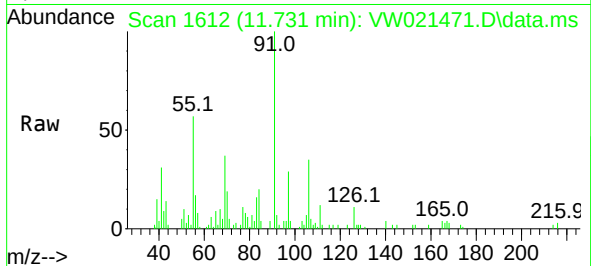




#52
Ethylbenzene
Concen: 0.597 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

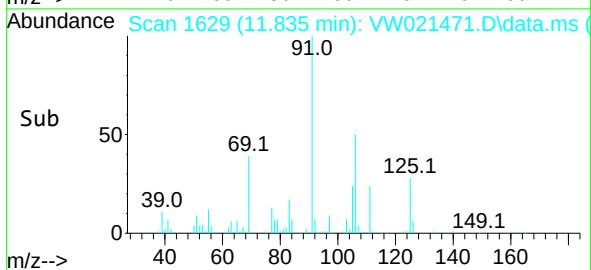
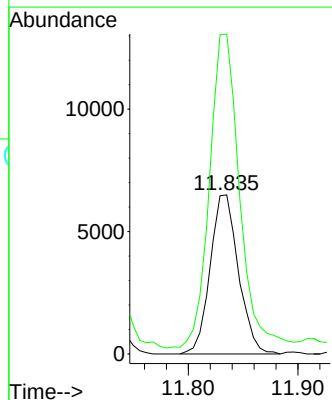
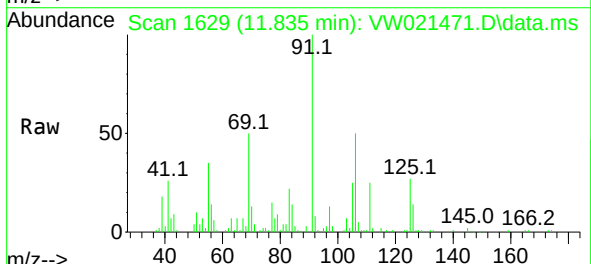
Instrument :
MSVOA_W
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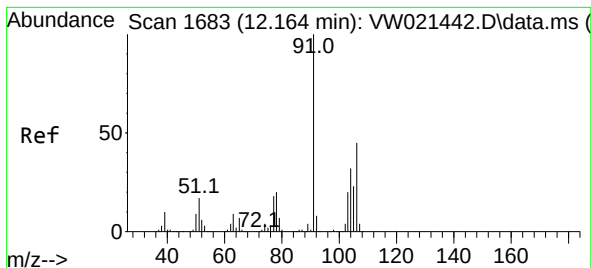
Tgt Ion: 91 Resp: 7683
Ion Ratio Lower Upper
91 100
106 35.2 21.5 39.9



#53
m,p-Xylene
Concen: 2.243 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 106 Resp: 11636
Ion Ratio Lower Upper
106 100
91 201.3 149.9 278.3

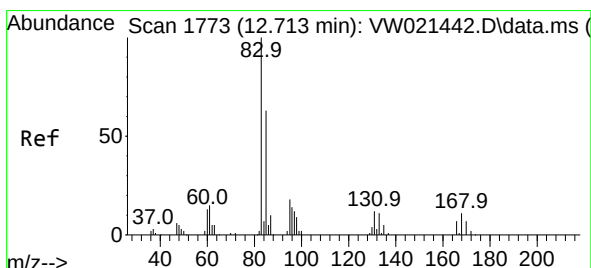
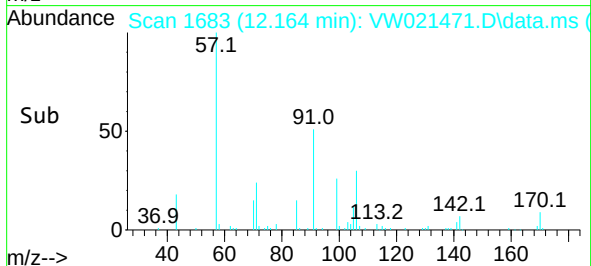
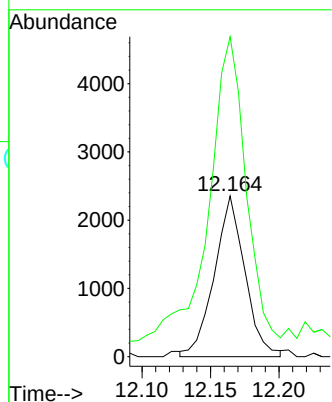
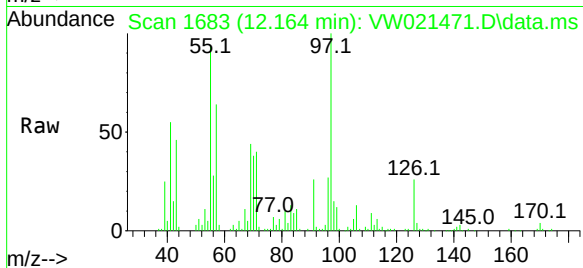




#54
o-Xylene
Concen: 0.741 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

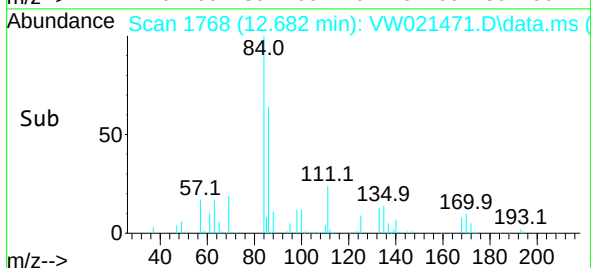
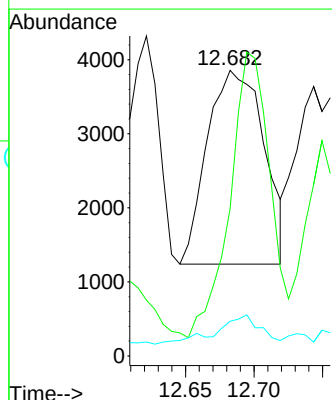
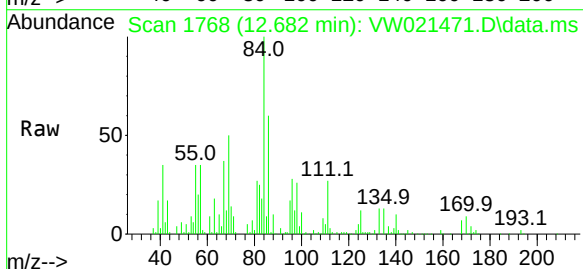
Instrument :
MSVOA_W
ClientSampleId :

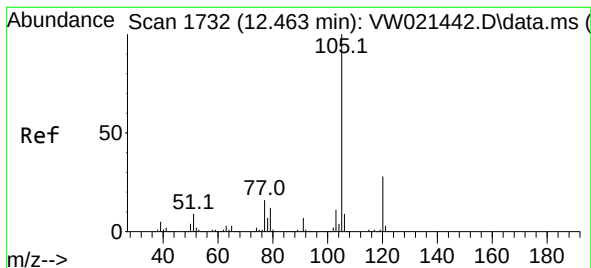
Tgt Ion:106 Resp: 3650
Ion Ratio Lower Upper
106 100
91 199.2 153.6 285.3



#57
1,1,2,2-Tetrachloroethane
Concen: 3.749 ug/L
RT: 12.682 min Scan# 1768
Delta R.T. -0.030 min
Lab File: VW021471.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 83 Resp: 7551
Ion Ratio Lower Upper
83 100
85 51.6 44.0 81.6
131 12.2 6.9 10.3#





#60

Isopropylbenzene

Concen: 0.432 ug/L

RT: 12.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021471.D

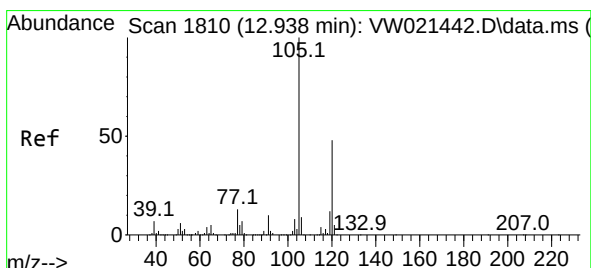
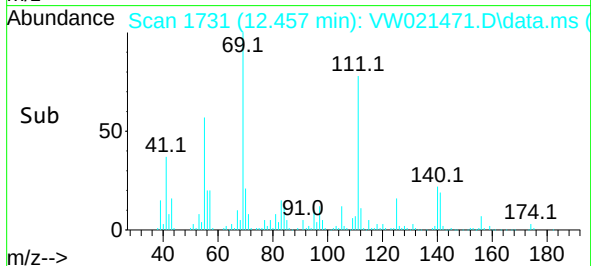
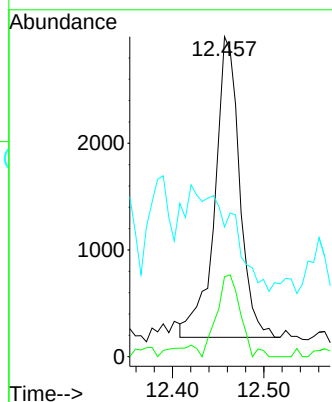
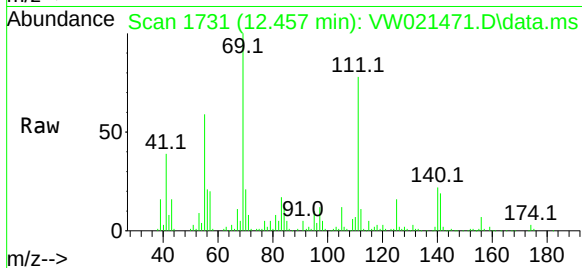
Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105	Resp:	5325
Ion Ratio	Lower	Upper
105	100	
120	25.1	20.1 30.1
77	0.0	13.8 20.8#



#62

1,3,5-Trimethylbenzene

Concen: 3.303 ug/L

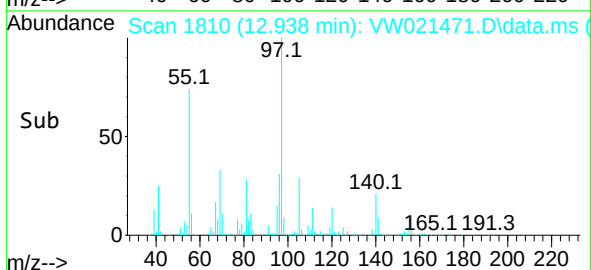
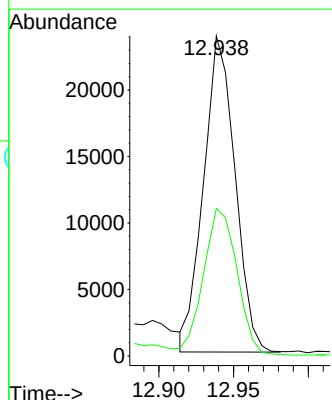
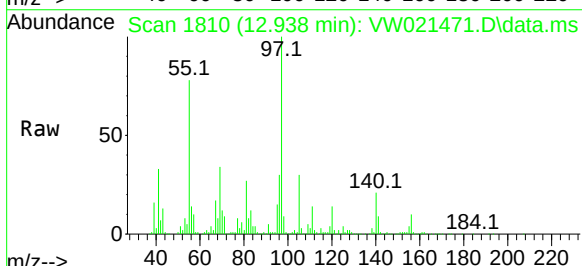
RT: 12.938 min Scan# 1810

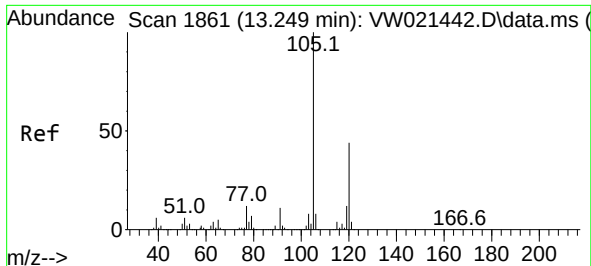
Delta R.T. 0.000 min

Lab File: VW021471.D

Acq: 18 Dec 2021 13:05

Tgt Ion:105	Resp:	34682
Ion Ratio	Lower	Upper
105	100	
120	50.7	37.4 56.2

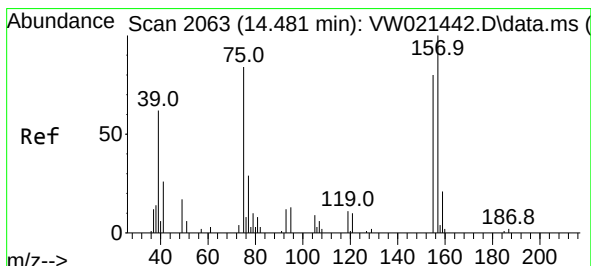
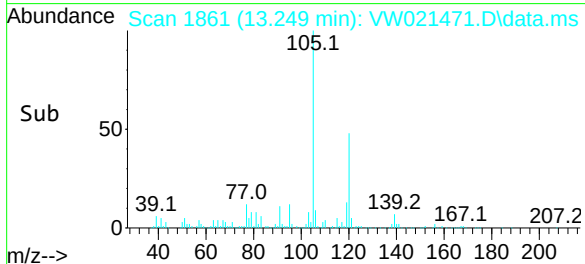
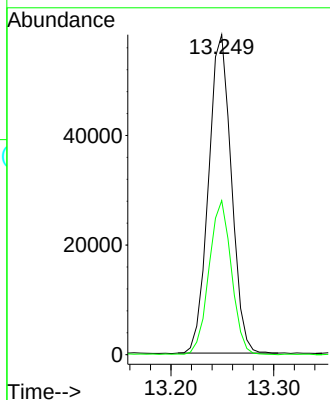
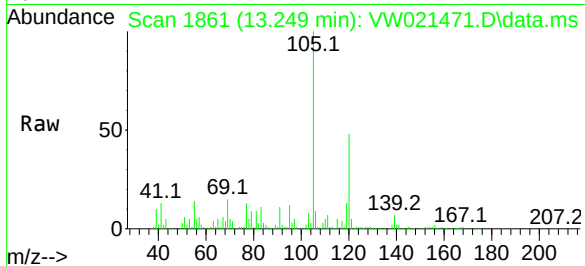




#63
 1,2,4-Trimethylbenzene
 Concen: 8.643 ug/L
 RT: 13.249 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: VW021471.D
 Acq: 18 Dec 2021 13:05

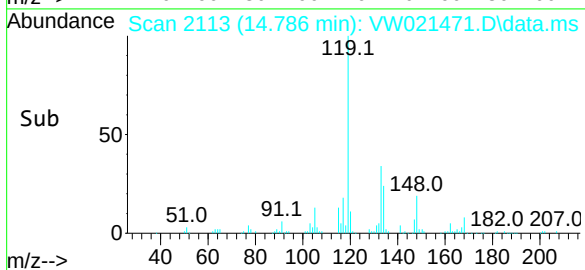
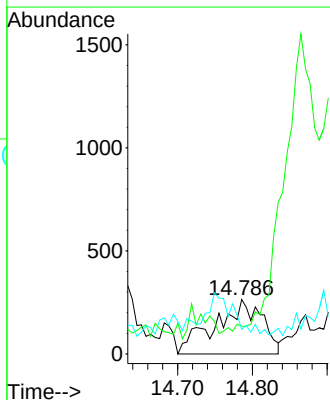
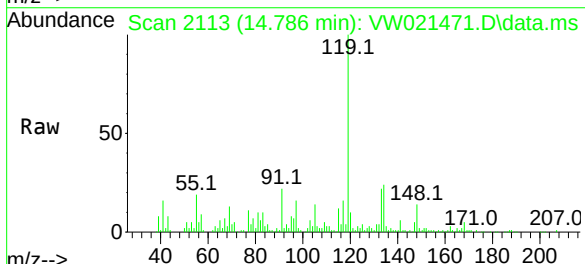
Instrument :
 MSVOA_W
 ClientSampleId :

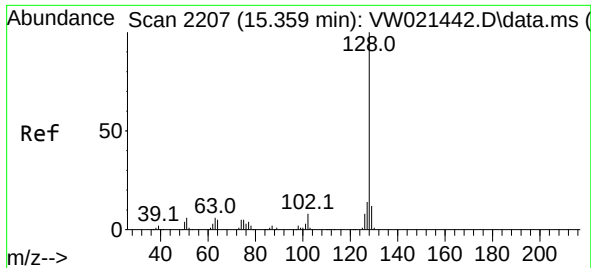
Tgt Ion:105 Resp: 89521
 Ion Ratio Lower Upper
 105 100
 120 47.6 35.0 52.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.219 ug/L
 RT: 14.786 min Scan# 2113
 Delta R.T. 0.305 min
 Lab File: VW021471.D
 Acq: 18 Dec 2021 13:05

Tgt Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 155 50.8 54.2 81.2#
 157 45.1 69.4 104.2#





#71

Naphthalene

Concen: 170.827 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

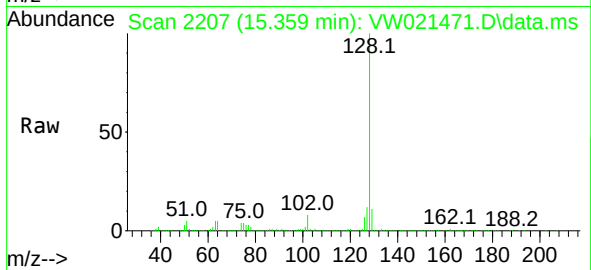
Lab File: VW021471.D

Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 971012

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.4 8.6 12.8

