

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022774.D
 Acq On : 03 May 2022 16:01
 Operator : SY/VA
 Sample : N2632-04
 Misc : 6.94g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:28:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

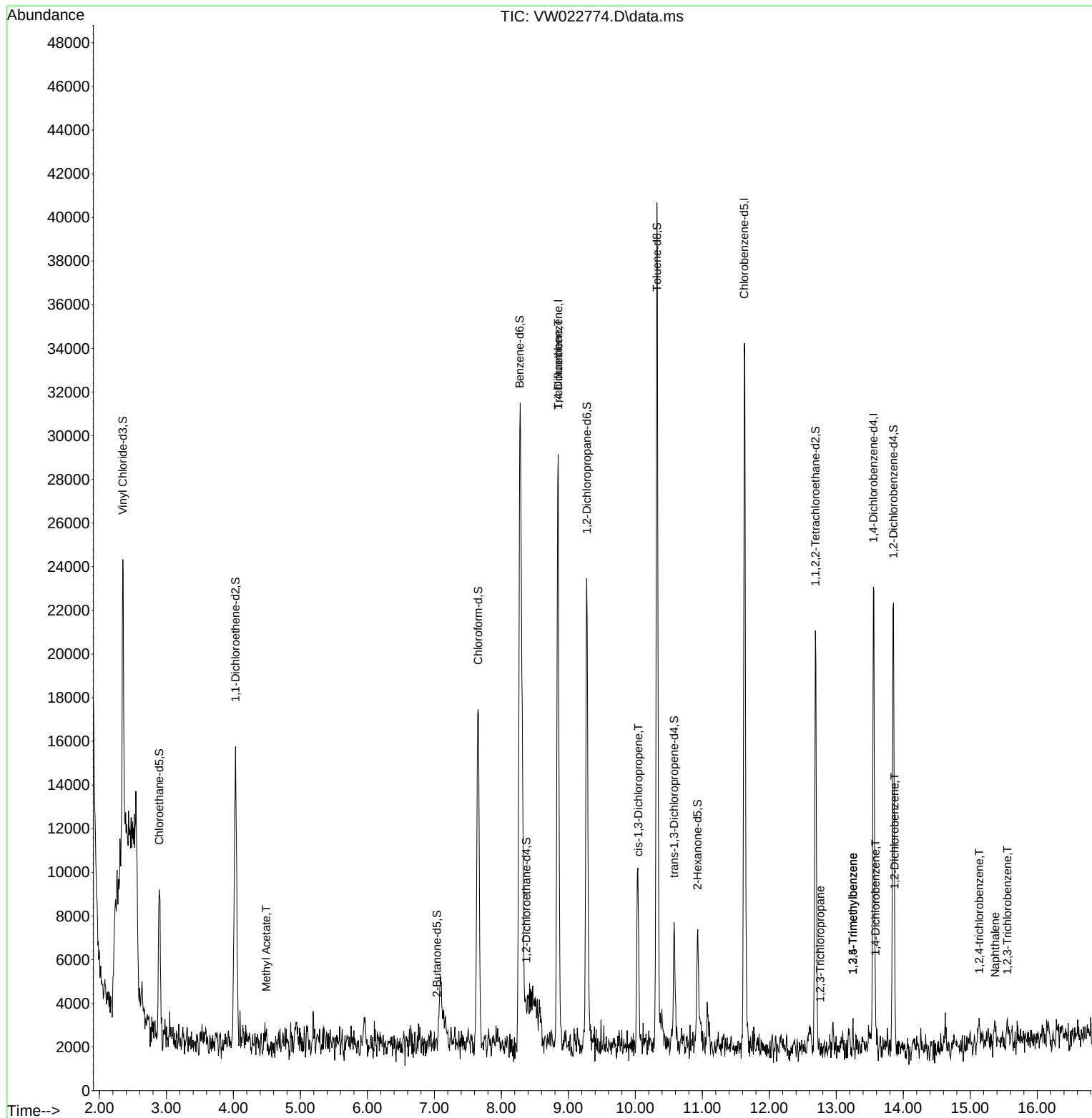
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	22062	25.000	ug/L	0.01
28) Chlorobenzene-d5	11.628	117	17833	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5059	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	12449	27.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.000%
7) Chloroethane-d5	2.891	69	6902	23.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	4.032	63	11646	19.913	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.640%
21) 2-Butanone-d5	7.037	46	46	0.535	ug/L	-0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.060%#
24) Chloroform-d	7.653	84	15884	24.574	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.372	65	195	0.550	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	2.200%#
32) Benzene-d6	8.275	84	30252	29.431	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.720%
36) 1,2-Dichloropropane-d6	9.274	67	9350	32.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.520%#
41) Toluene-d8	10.323	98	25126	25.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	10.579	79	3283	24.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.760%
47) 2-Hexanone-d5	10.927	63	1764	32.003	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	8327	30.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.760%#
66) 1,2-Dichlorobenzene-d4	13.853	152	5128	28.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.000%
Target Compounds						Qvalue
15) Methyl Acetate	4.489	43	191	1.476	ug/L	96
34) Trichloroethene	8.848	95	696	2.409	ug/L #	5
39) cis-1,3-Dichloropropene	10.043	75	311	0.789	ug/L #	43
61) 1,2,3-Trichloropropane	12.762	75	88	0.871	ug/L #	37
62) 1,3,5-Trimethylbenzene	13.249	105	455	1.180	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	455	0.786	ug/L	98
65) 1,4-Dichlorobenzene	13.585	146	275	0.860	ug/L	88
67) 1,2-Dichlorobenzene	13.871	146	304	1.074	ug/L #	73
70) 1,2,4-trichlorobenzene	15.133	180	297	1.798	ug/L #	65
71) Naphthalene	15.371	128	698	1.944	ug/L #	83
72) 1,2,3-Trichlorobenzene	15.554	180	330	2.254	ug/L #	58

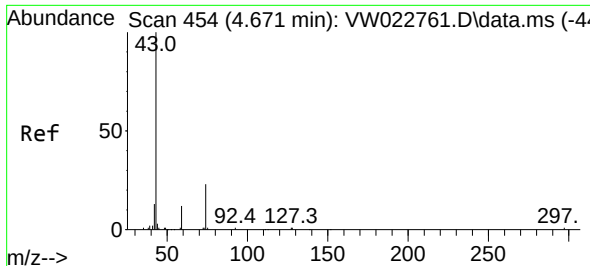
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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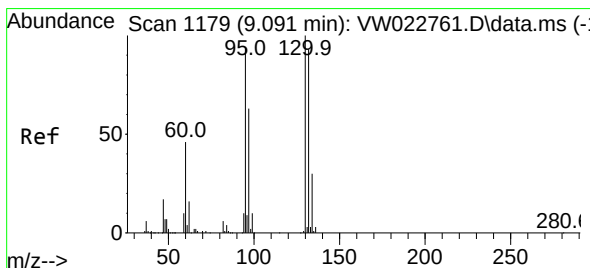
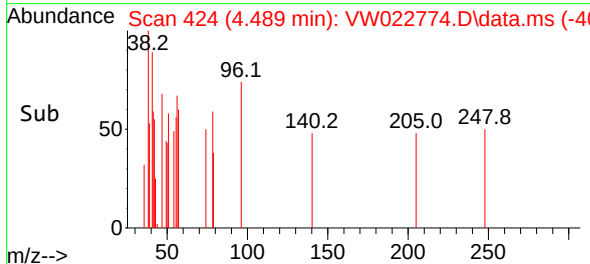
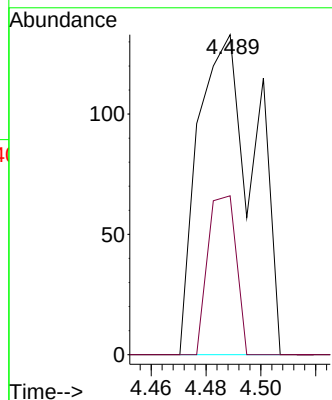
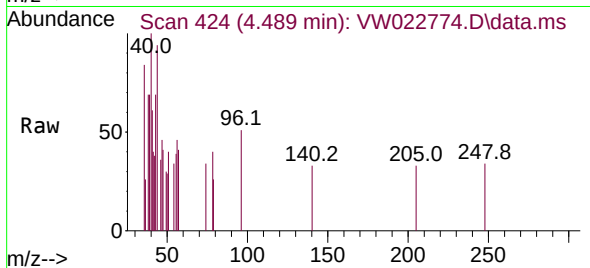




#15
Methyl Acetate
Concen: 1.476 ug/L
RT: 4.489 min Scan# 41
Delta R.T. -0.183 min
Lab File: VW022774.D
Acq: 03 May 2022 16:01

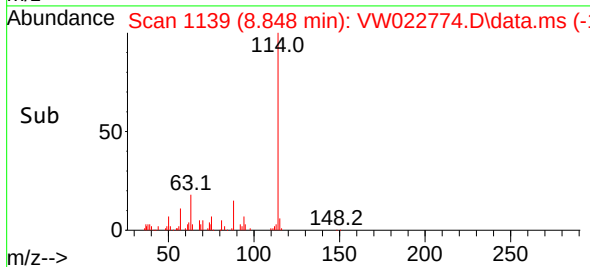
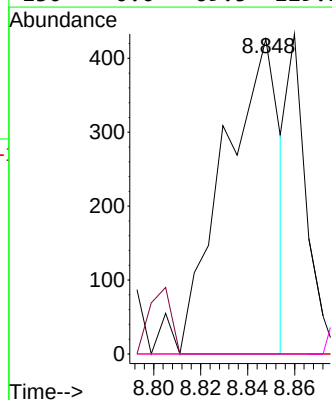
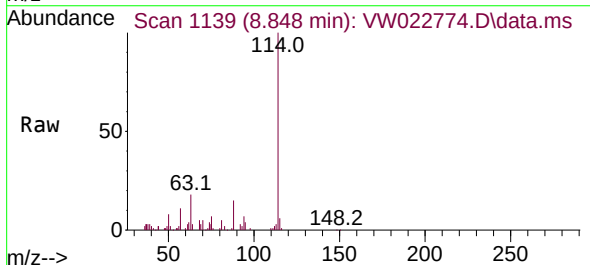
Instrument :
MSVOA_W
ClientSampleId :

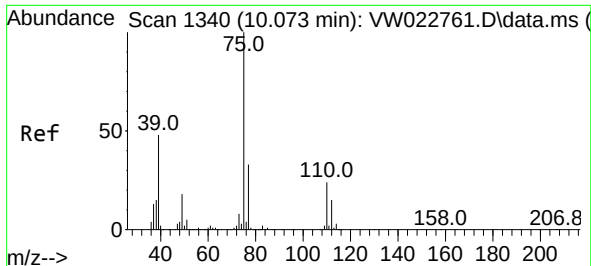
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 25.1 21.9 32.9



#34
Trichloroethene
Concen: 2.409 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW022774.D
Acq: 03 May 2022 16:01

Tgt Ion: 95 Resp: 696
Ion Ratio Lower Upper
95 100
97 0.0 46.1 85.7#
132 0.0 66.9 124.3#
130 0.0 69.5 129.1#





#39

cis-1,3-Dichloropropene

Concen: 0.789 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW022774.D

Acq: 03 May 2022 16:01

Instrument :

MSVOA_W

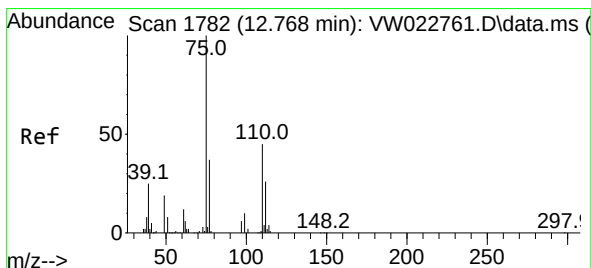
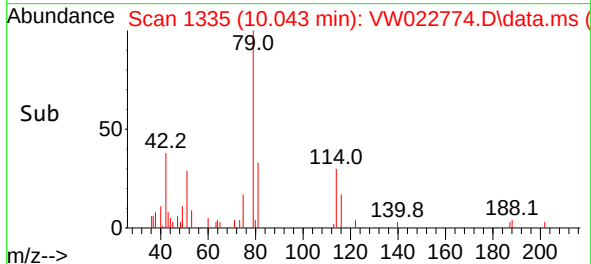
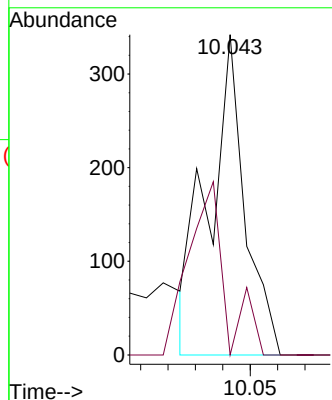
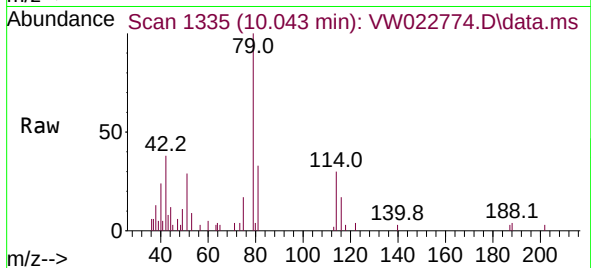
ClientSampleId :

Tgt Ion: 75 Resp: 311

Ion Ratio Lower Upper

75 100

77 0.0 22.1 41.1#



#61

1,2,3-Trichloropropane

Concen: 0.871 ug/L

RT: 12.762 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VW022774.D

Acq: 03 May 2022 16:01

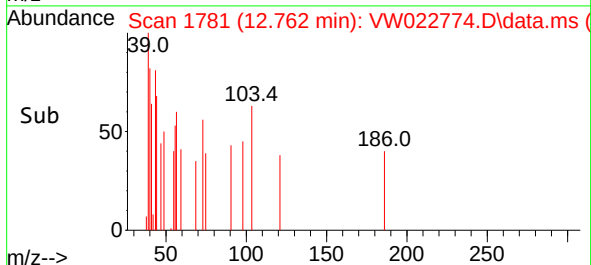
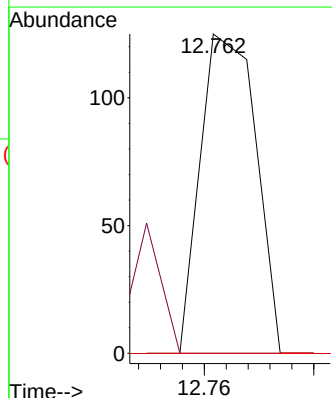
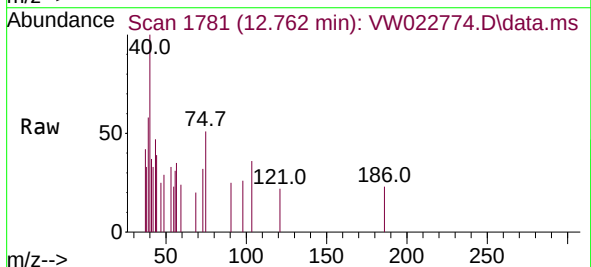
Tgt Ion: 75 Resp: 88

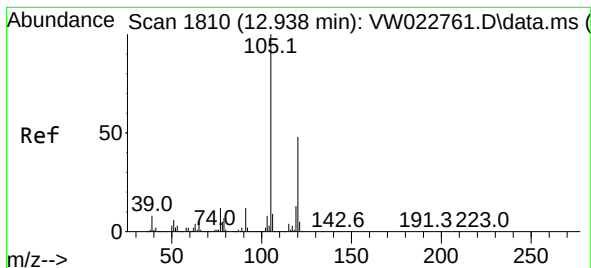
Ion Ratio Lower Upper

75 100

77 64.8 26.2 39.2#

110 0.0 34.1 51.1#

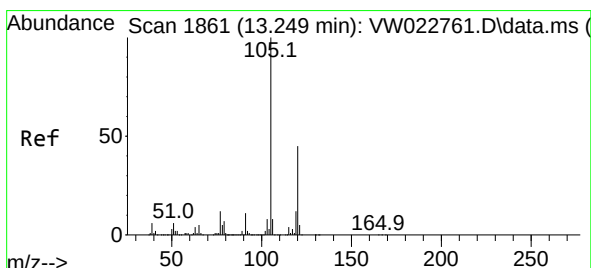
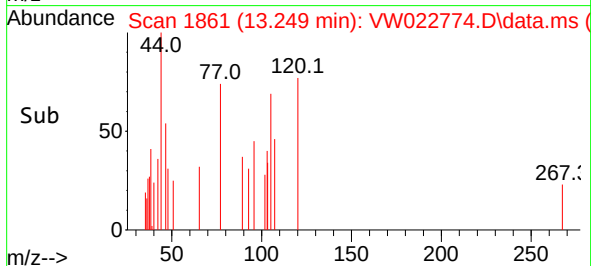
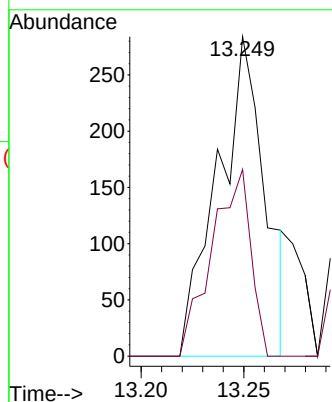
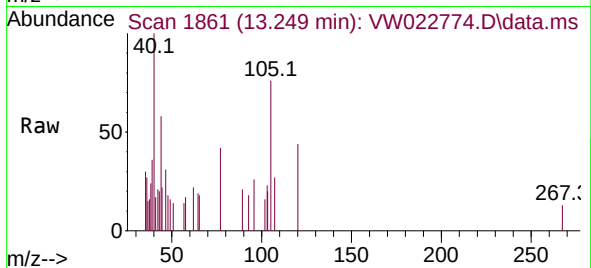




#62
1,3,5-Trimethylbenzene
Concen: 1.180 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.311 min
Lab File: VW022774.D
Acq: 03 May 2022 16:01

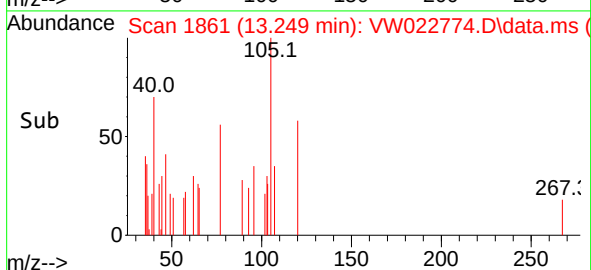
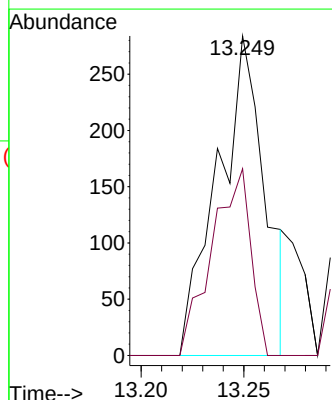
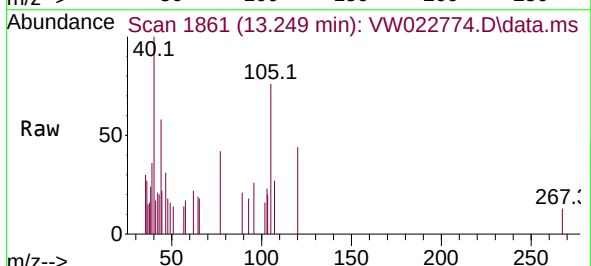
Instrument :
MSVOA_W
ClientSampleId :

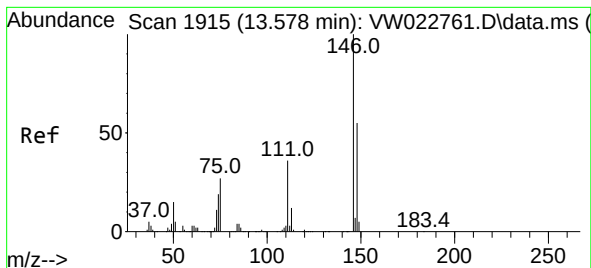
Tgt Ion:105 Resp: 455
Ion Ratio Lower Upper
105 100
120 47.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 0.786 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022774.D
Acq: 03 May 2022 16:01

Tgt Ion:105 Resp: 455
Ion Ratio Lower Upper
105 100
120 47.9 37.4 56.2

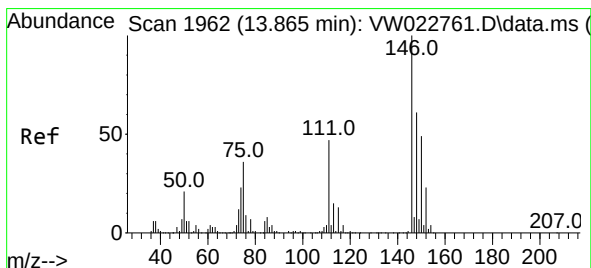
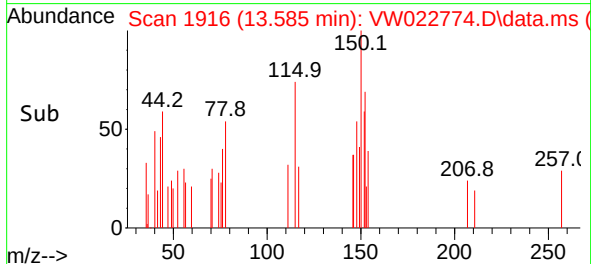
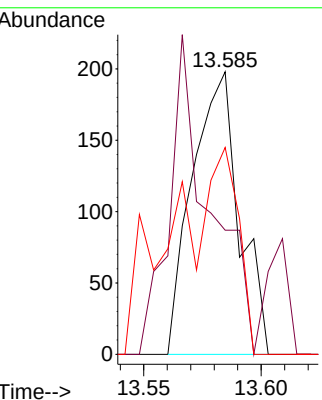
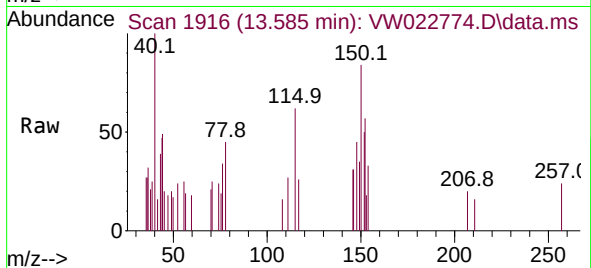




#65
1,4-Dichlorobenzene
Concen: 0.860 ug/L
RT: 13.585 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022774.D
Acq: 03 May 2022 16:01

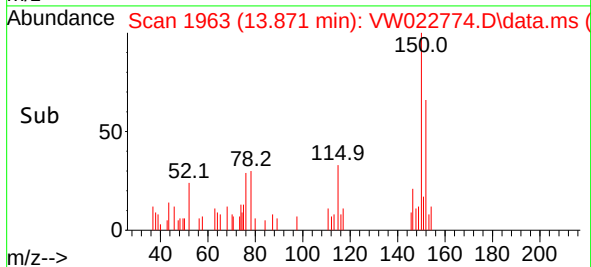
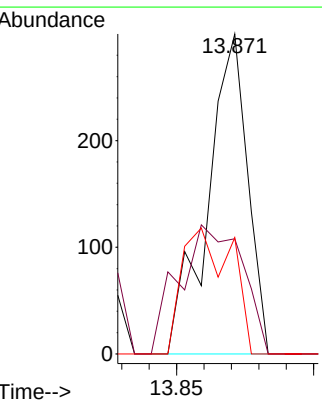
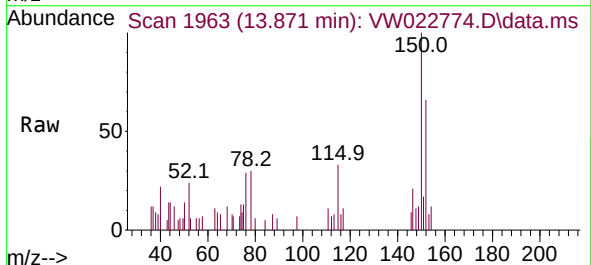
Instrument :
MSVOA_W
ClientSampleId :

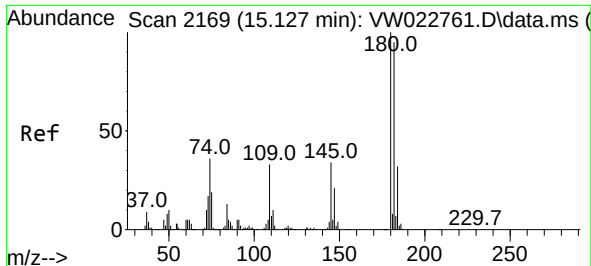
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	27.2	50.4
148	73.2	44.0	81.6



#67
1,2-Dichlorobenzene
Concen: 1.074 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW022774.D
Acq: 03 May 2022 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	35.7	53.5
148	36.3	52.6	79.0





#70

1,2,4-trichlorobenzene

Concen: 1.798 ug/L

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW022774.D

Acq: 03 May 2022 16:01

Instrument :

MSVOA_W

ClientSampleId :

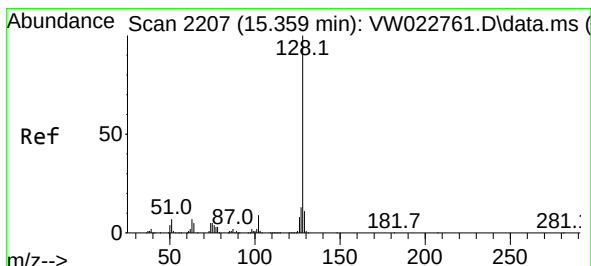
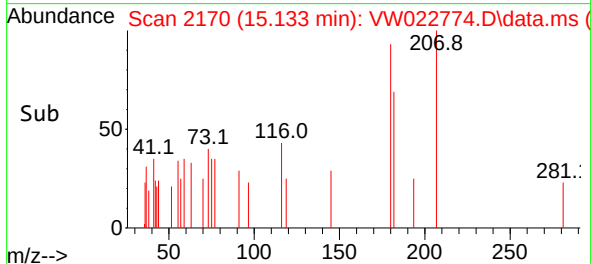
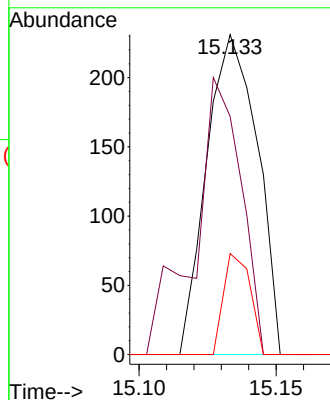
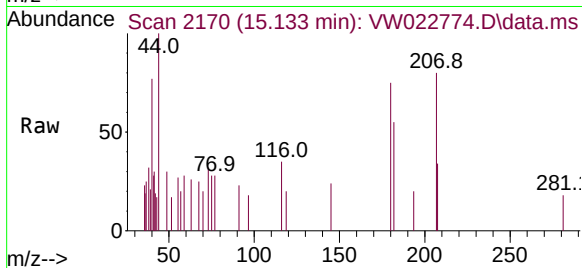
Tgt Ion:180 Resp: 297

Ion Ratio Lower Upper

180 100

182 58.2 74.9 112.3#

145 16.5 26.6 39.8#



#71

Naphthalene

Concen: 1.944 ug/L

RT: 15.371 min Scan# 2209

Delta R.T. 0.012 min

Lab File: VW022774.D

Acq: 03 May 2022 16:01

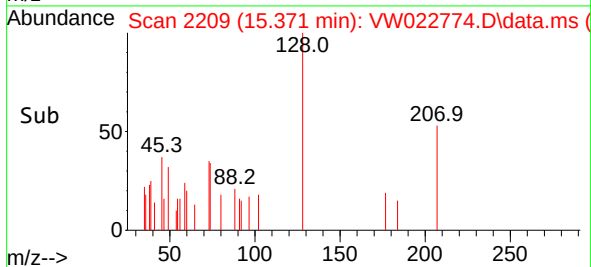
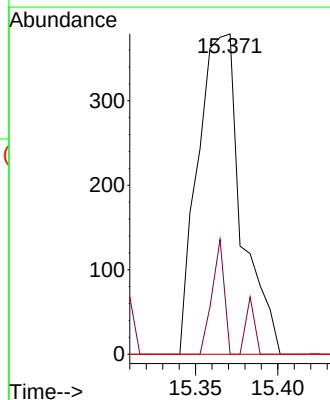
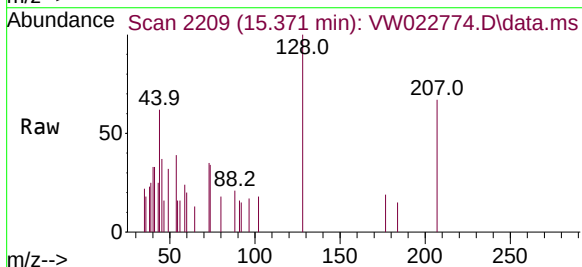
Tgt Ion:128 Resp: 698

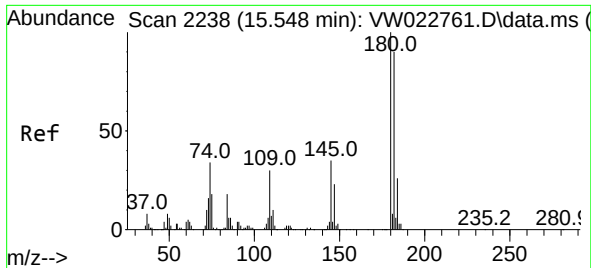
Ion Ratio Lower Upper

128 100

127 10.0 10.6 16.0#

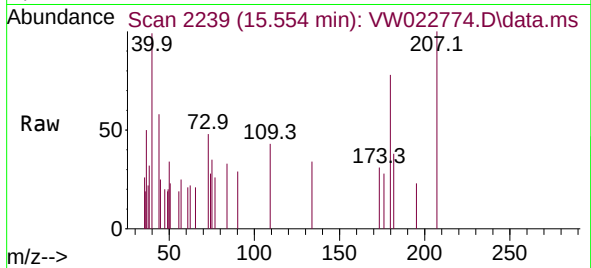
129 0.0 8.7 13.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 2.254 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW022774.D
 Acq: 03 May 2022 16:01

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	44.2	73.5	110.3#
145	23.0	27.9	41.9#

