

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024022.D
 Acq On : 16 Dec 2021 18:50
 Operator : SY/MD
 Sample : M5113-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:02:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

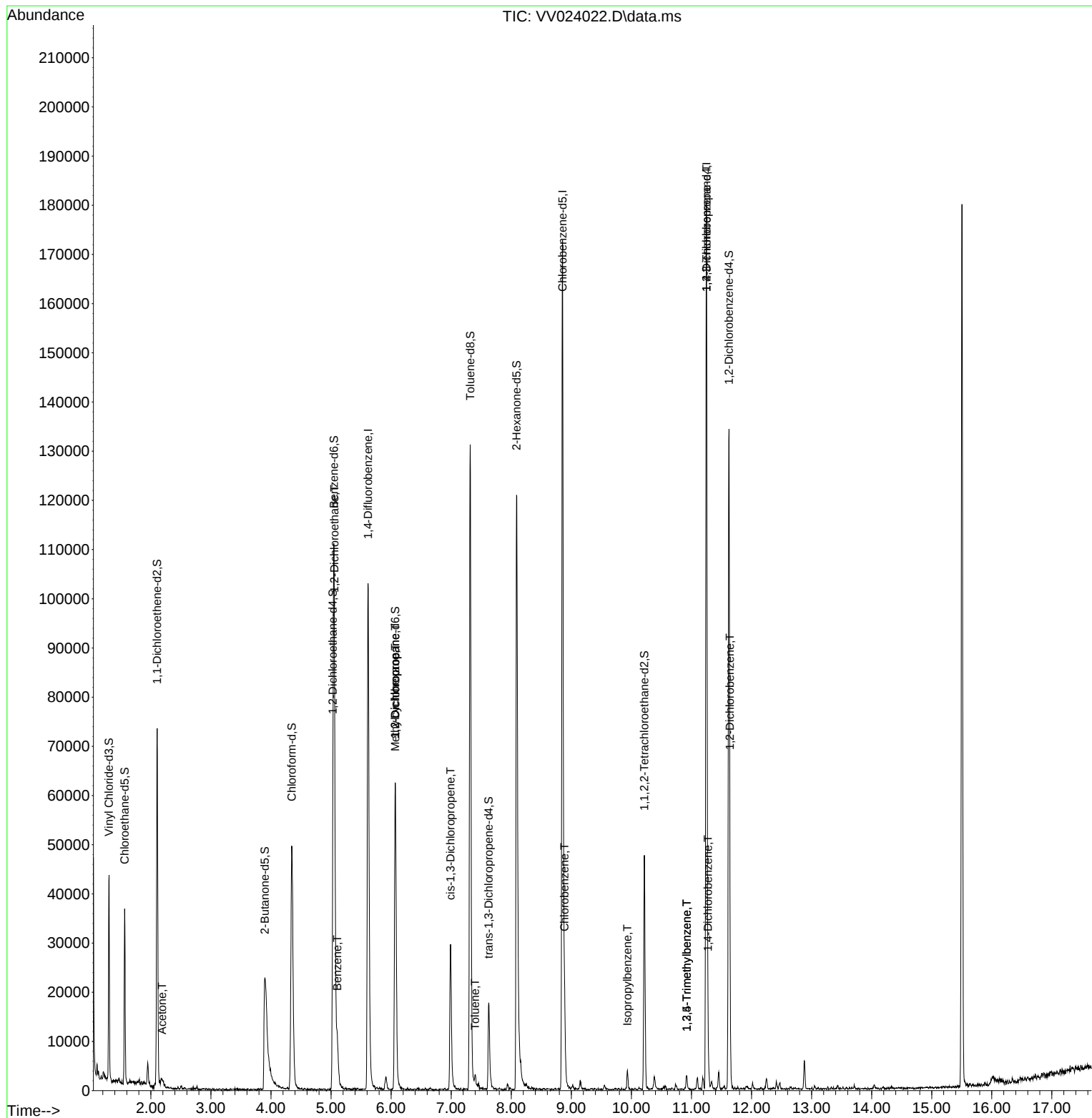
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	91227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	95169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	24276	4.950	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.564	69	20580	5.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	36260	3.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.895	46	49216	51.366	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.740%
24) Chloroform-d	4.346	84	52324	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.030	65	27409	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.050	84	98322	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.069	67	28943	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	87828	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.625	79	10548	4.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	42930	40.648	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19748	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	36062	5.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
13) Acetone	2.185	43	1915	2.498	ug/L	58
27) 1,2-Dichloroethane	5.056	62	473	0.065	ug/L #	73
33) Benzene	5.104	78	9478	0.352	ug/L	100
35) Methylcyclohexane	6.066	83	7633	0.683	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3610	0.564	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	961	0.101	ug/L #	59
42) Toluene	7.397	91	2397	0.079	ug/L	88
51) Chlorobenzene	8.886	112	10468	0.517	ug/L	96
60) Isopropylbenzene	9.934	105	2654	0.093	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	5345	1.611	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.921	105	2128	0.090	ug/L	88
63) 1,2,4-Trimethylbenzene	10.921	105	2128	0.090	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	2184	0.149	ug/L	94
67) 1,2-Dichlorobenzene	11.638	146	2109	0.157	ug/L	91

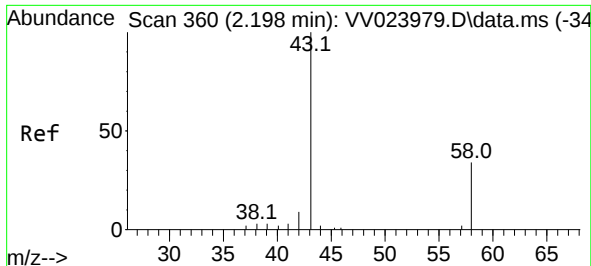
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
Data File : VV024022.D
Acq On : 16 Dec 2021 18:50
Operator : SY/MD
Sample : M5113-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 17 02:02:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.498 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV024022.D

Acq: 16 Dec 2021 18:50

Instrument :

MSVOA_V

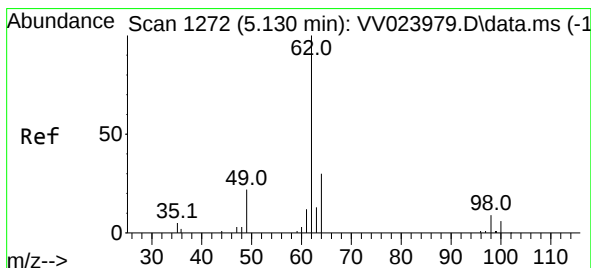
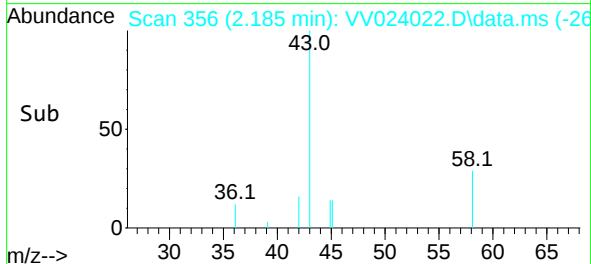
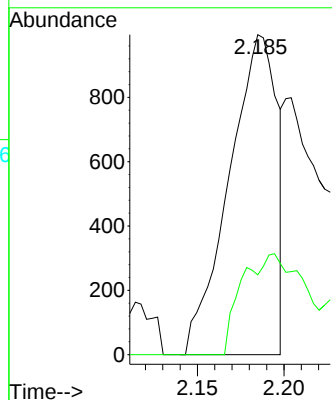
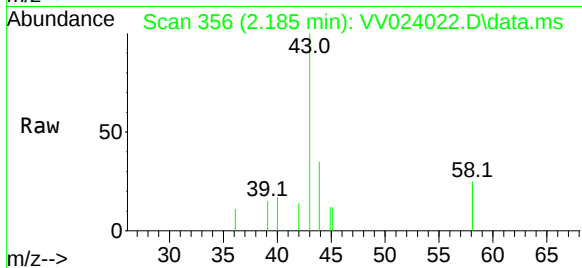
ClientSampleId :

Tgt Ion: 43 Resp: 1915

Ion Ratio Lower Upper

43 100

58 40.4 0.0 41.4



#27

1,2-Dichloroethane

Concen: 0.065 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV024022.D

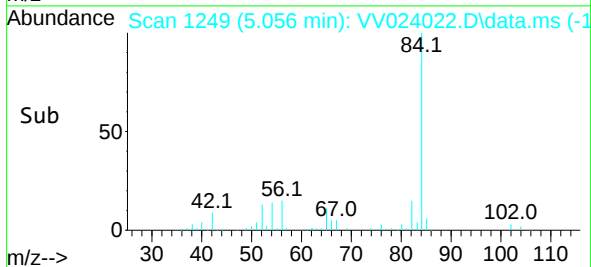
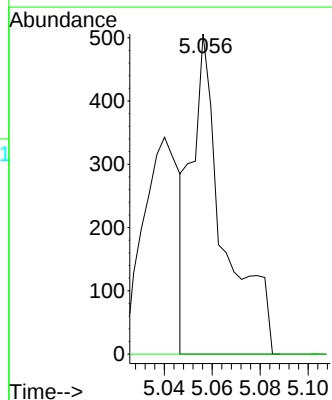
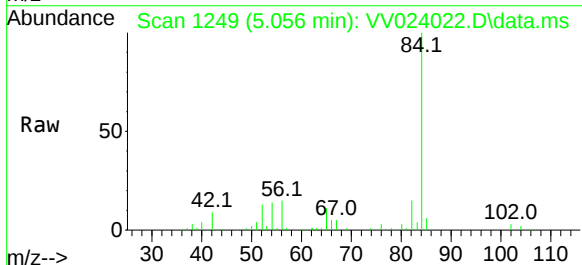
Acq: 16 Dec 2021 18:50

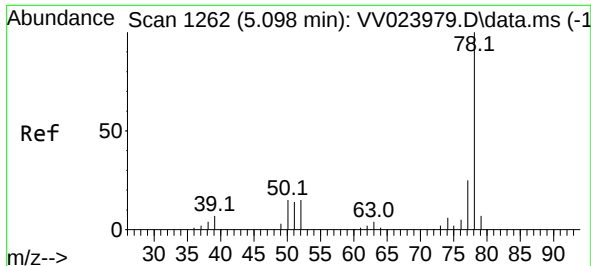
Tgt Ion: 62 Resp: 473

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#

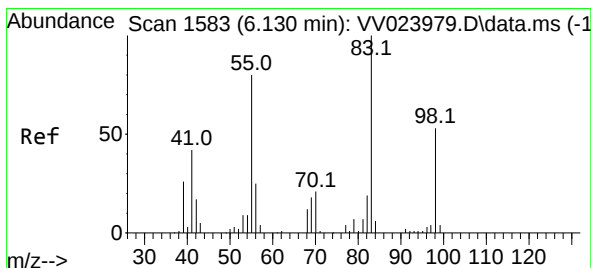
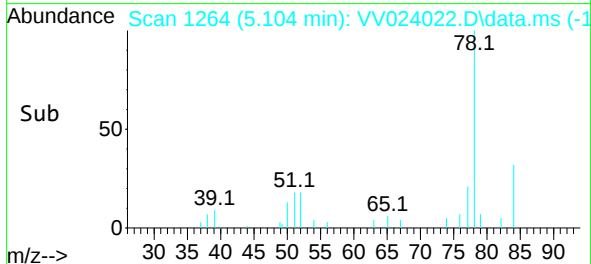
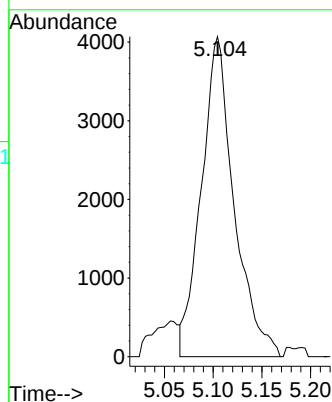
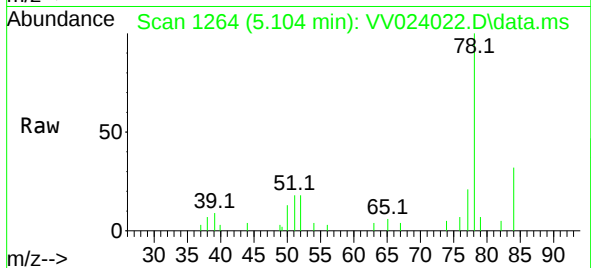




#33
Benzene
Concen: 0.352 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

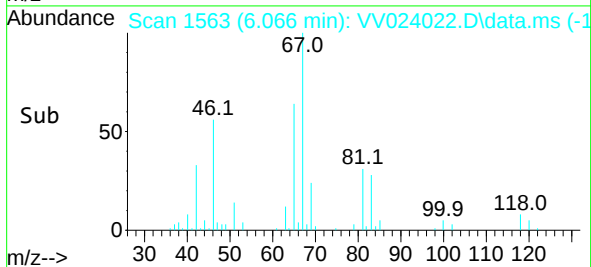
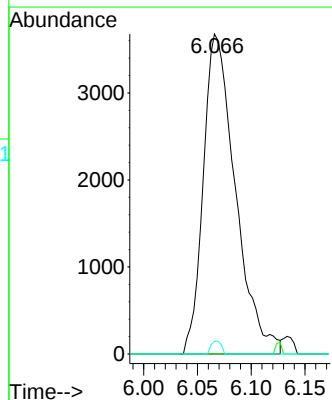
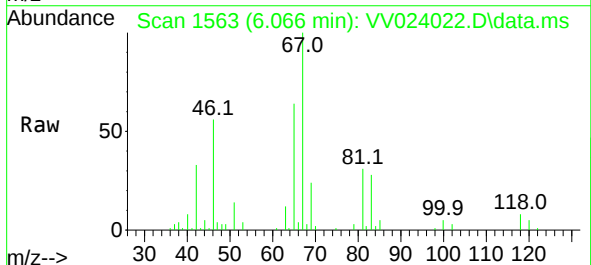
Instrument :
MSVOA_V
ClientSampleId :

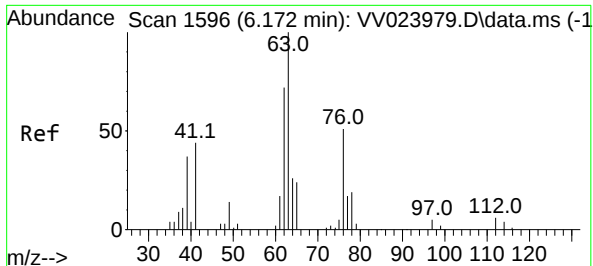
Tgt Ion: 78 Resp: 9478



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

Tgt Ion: 83 Resp: 7633
Ion Ratio Lower Upper
83 100
55 0.6 60.2 90.2#
98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024022.D

Acq: 16 Dec 2021 18:50

Instrument :

MSVOA_V

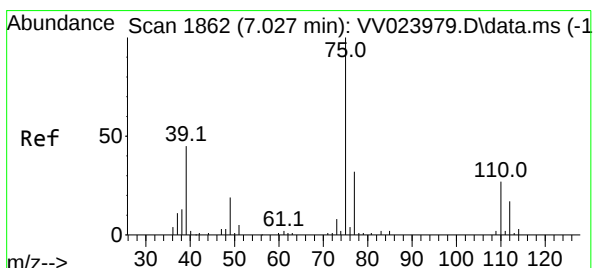
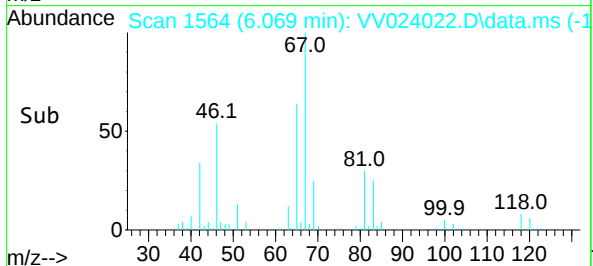
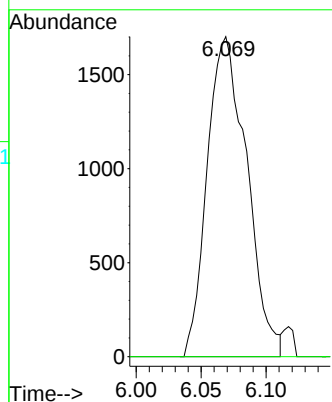
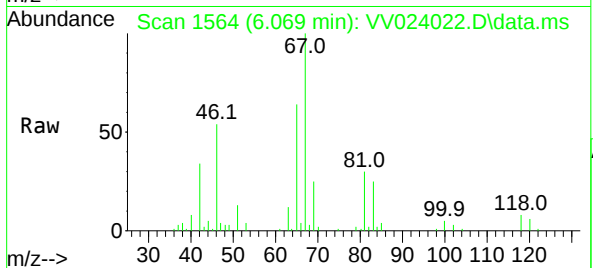
ClientSampleId :

Tgt Ion: 63 Resp: 3610

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV024022.D

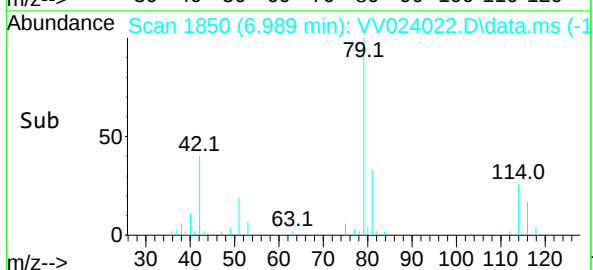
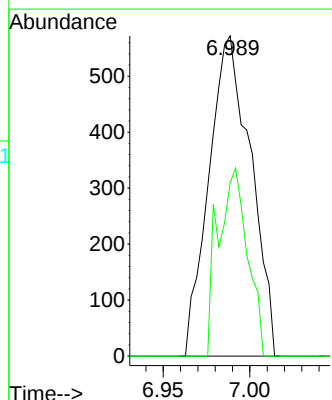
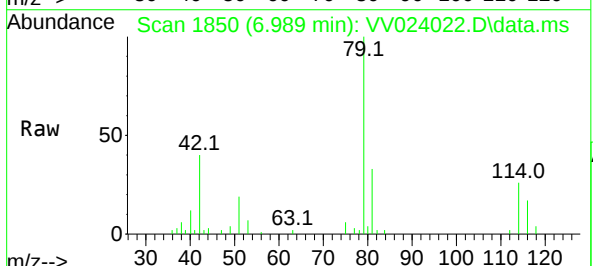
Acq: 16 Dec 2021 18:50

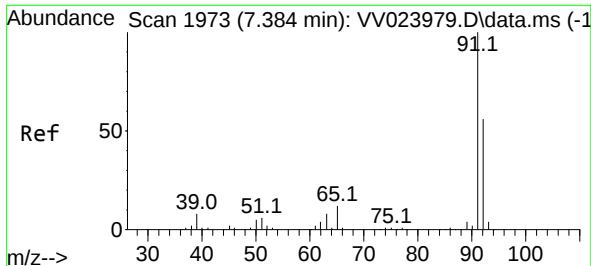
Tgt Ion: 75 Resp: 961

Ion Ratio Lower Upper

75 100

77 54.0 22.0 41.0#

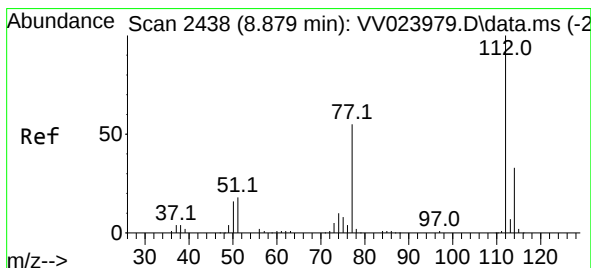
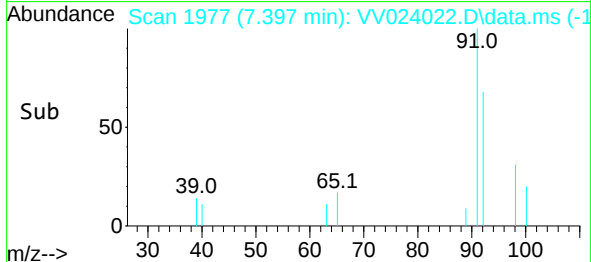
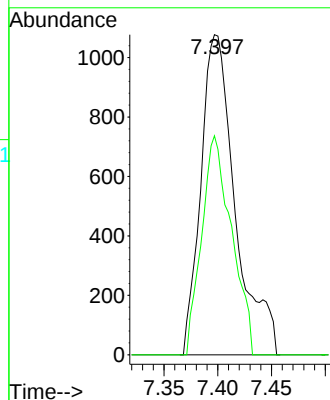
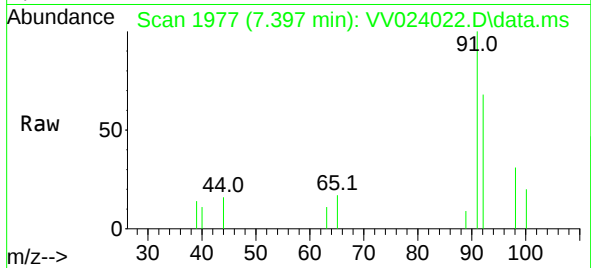




#42
Toluene
Concen: 0.079 ug/L
RT: 7.397 min Scan# 1973
Delta R.T. 0.013 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

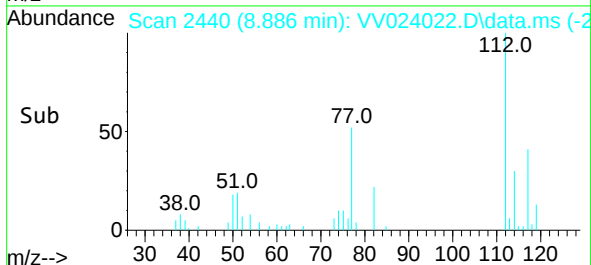
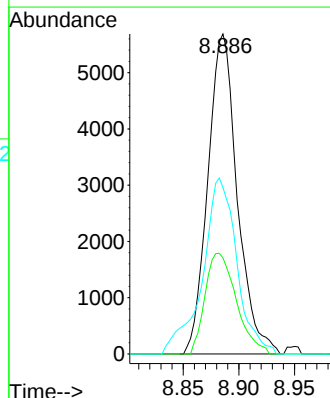
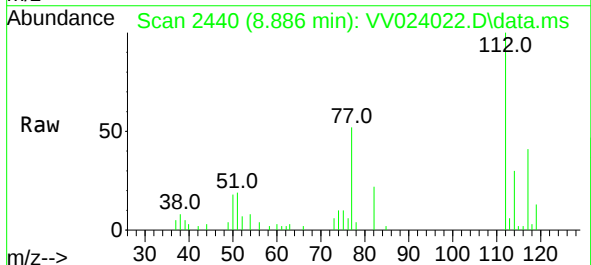
Instrument :
MSVOA_V
ClientSampleId :

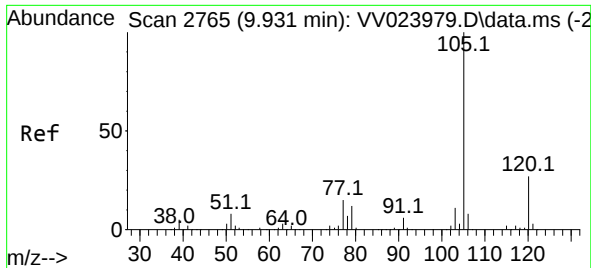
Tgt Ion: 91 Resp: 2397
Ion Ratio Lower Upper
91 100
92 68.4 41.5 77.1



#51
Chlorobenzene
Concen: 0.517 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

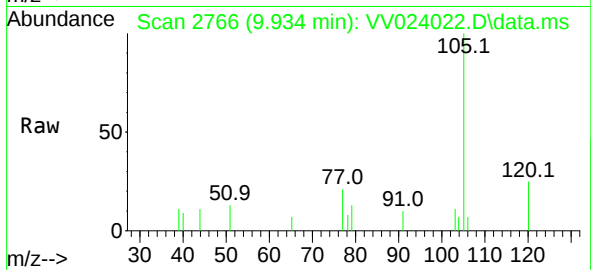
Tgt Ion: 112 Resp: 10468
Ion Ratio Lower Upper
112 100
114 30.0 23.3 43.3
77 52.0 43.3 64.9



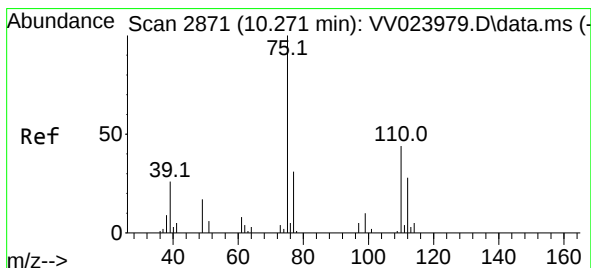
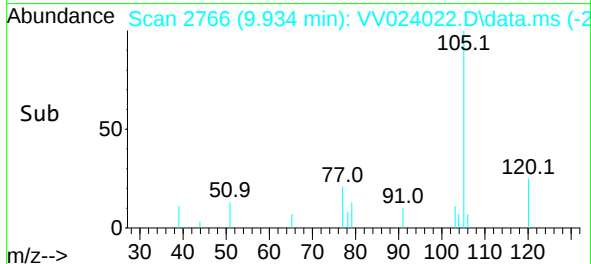
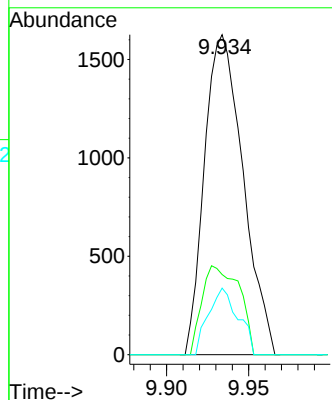


#60
Isopropylbenzene
Concen: 0.093 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :

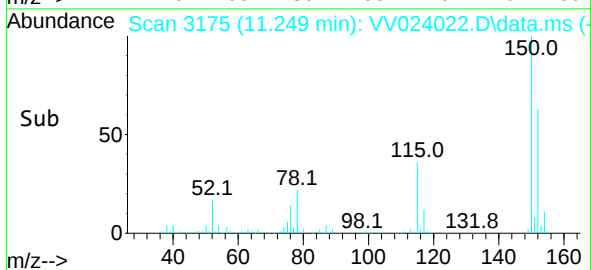
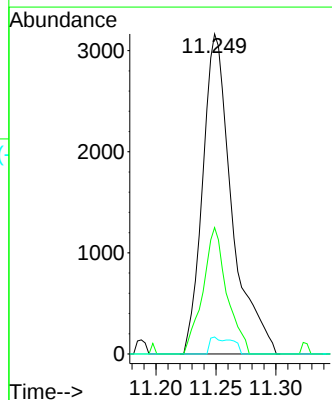
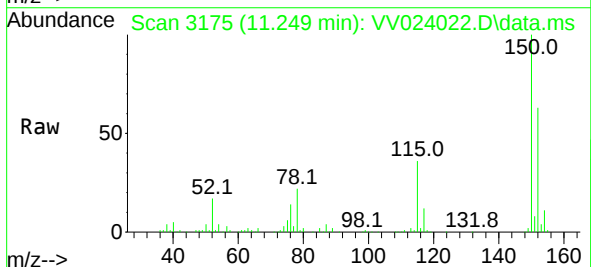


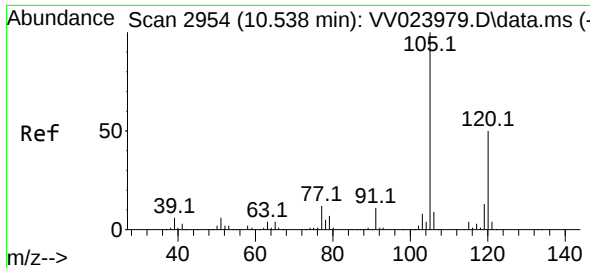
Tgt Ion:105 Resp: 2654
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.611 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

Tgt Ion: 75 Resp: 5345
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 2.1 34.2 51.2#

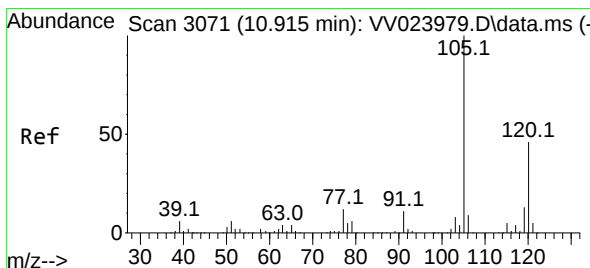
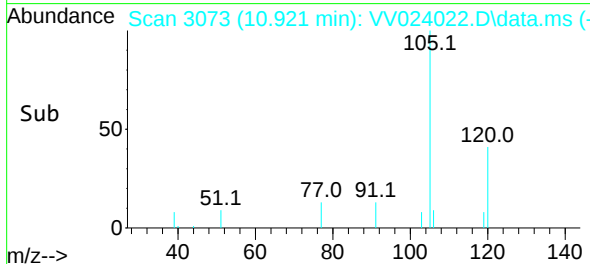
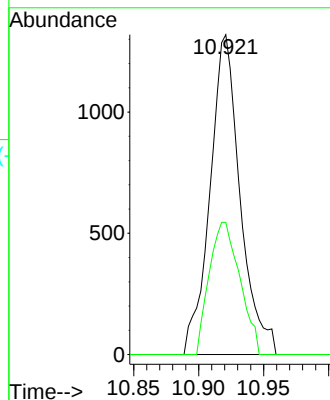
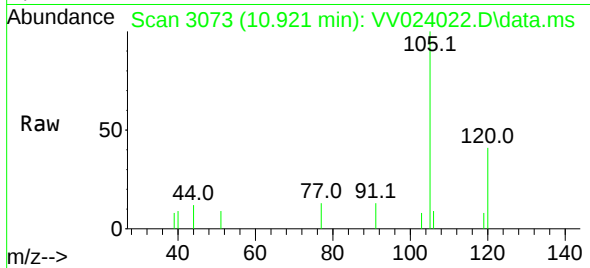




#62
 1,3,5-Trimethylbenzene
 Concen: 0.090 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV024022.D
 Acq: 16 Dec 2021 18:50

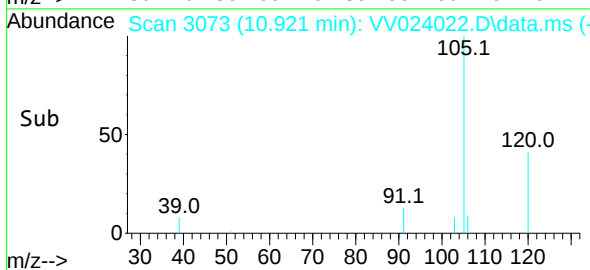
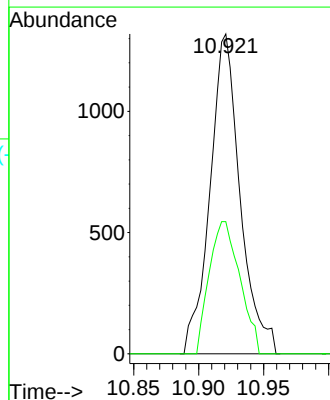
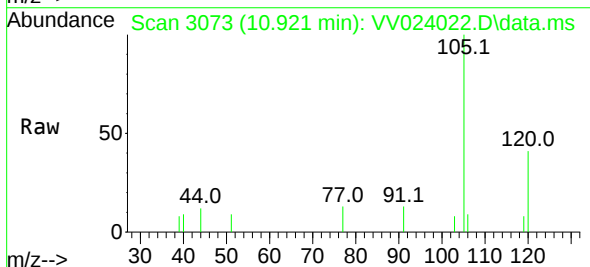
Instrument :
 MSVOA_V
 ClientSampleId :

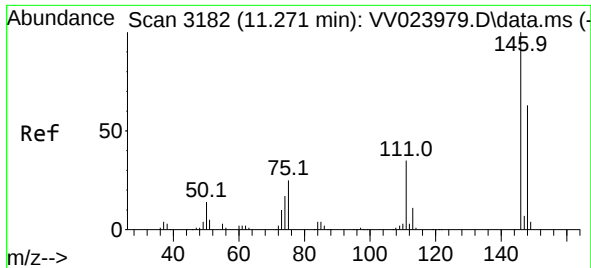
Tgt Ion:105 Resp: 2128
 Ion Ratio Lower Upper
 105 100
 120 42.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.090 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.006 min
 Lab File: VV024022.D
 Acq: 16 Dec 2021 18:50

Tgt Ion:105 Resp: 2128
 Ion Ratio Lower Upper
 105 100
 120 42.0 36.7 55.1

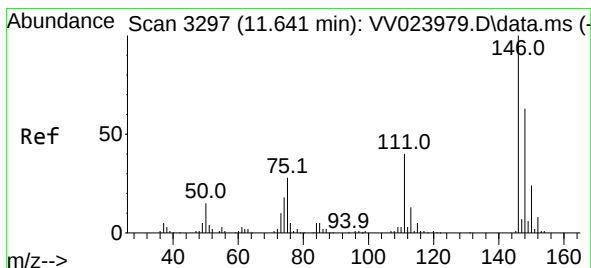
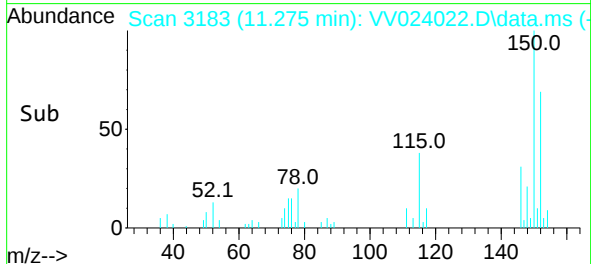
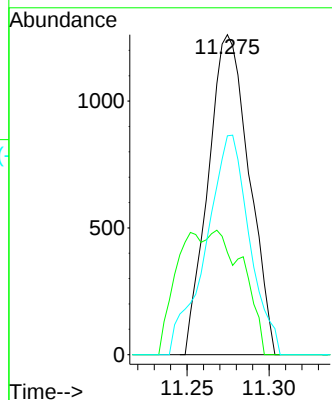
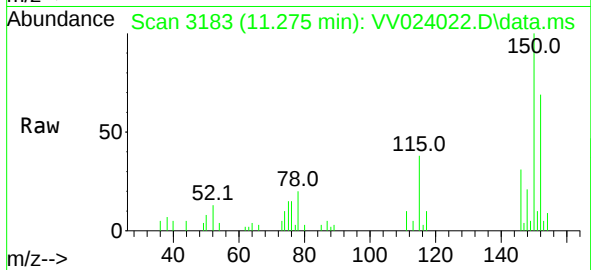




#65
1,4-Dichlorobenzene
Concen: 0.149 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 2184
Ion Ratio Lower Upper
146 100
111 31.9 25.6 47.6
148 68.4 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.157 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.003 min
Lab File: VV024022.D
Acq: 16 Dec 2021 18:50

Tgt Ion:146 Resp: 2109
Ion Ratio Lower Upper
146 100
111 37.2 31.9 47.9
148 53.7 50.5 75.7

