

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061689.D
 Acq On : 14 Nov 2024 23:04
 Operator : MD/SY
 Sample : P4803-06DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:22:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

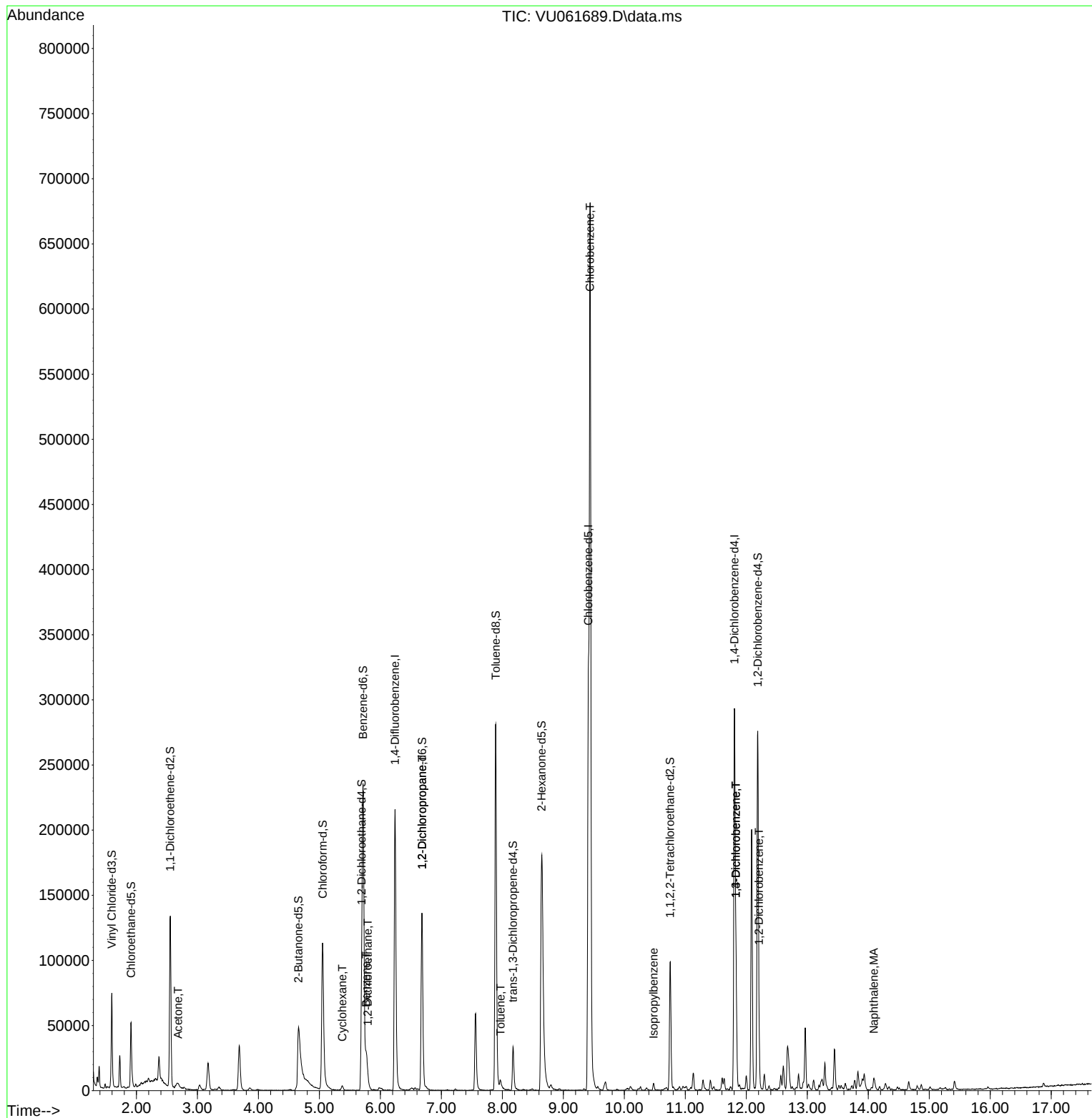
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	190962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48603	3.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.911	69	42091	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.554	65	24606	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.657	46	110426	42.166	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.340%
24) Chloroform-d	5.052	84	107216	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.692	65	55226	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.714	84	229924	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	68832	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.891	98	198689	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	21403	4.082	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.644	63	96846	46.739	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50441	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	70832	4.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
13) Acetone	2.682	43	9247	5.604	ug/L	100
27) 1,2-Dichloroethane	5.792	62	7360	0.483	ug/L #	74
30) Cyclohexane	5.374	56	1781	0.090	ug/L #	78
33) Benzene	5.766	78	25672	0.486	ug/L	100
37) 1,2-Dichloropropane	6.682	63	7423	0.554	ug/L #	92
42) Toluene	7.968	91	5400	0.095	ug/L	93
51) Chlorobenzene	9.438	112	390089	10.660	ug/L	100
60) Isopropylbenzene	10.480	105	3713	0.066	ug/L #	86
64) 1,3-Dichlorobenzene	11.830	146	36145	1.399	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	36145	1.377	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	8744	0.364	ug/L	96
71) Naphthalene	14.090	128	8701	0.433	ug/L #	95

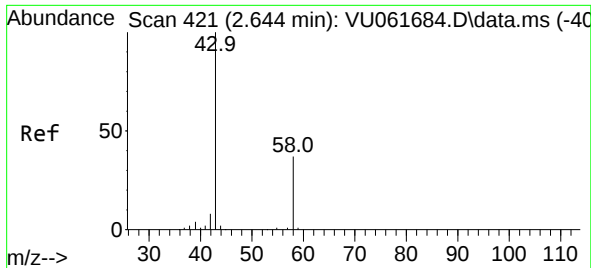
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

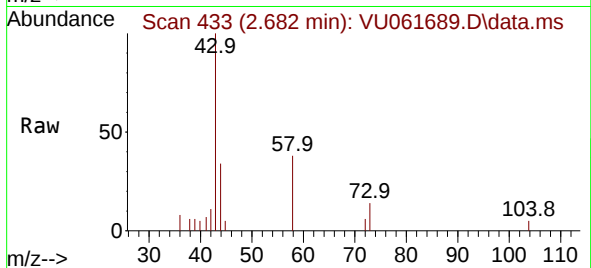
Quant Time: Nov 15 03:22:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 15 03:17:58 2024
Response via : Initial Calibration



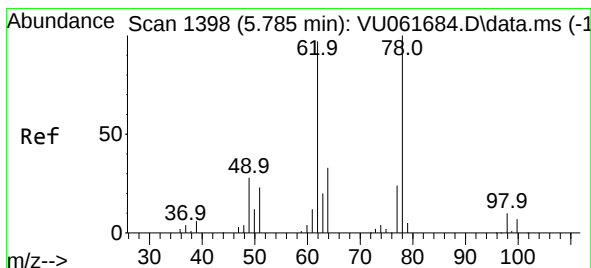
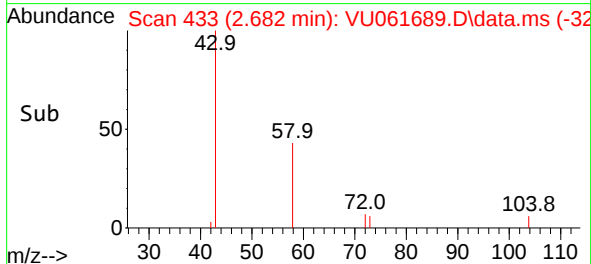
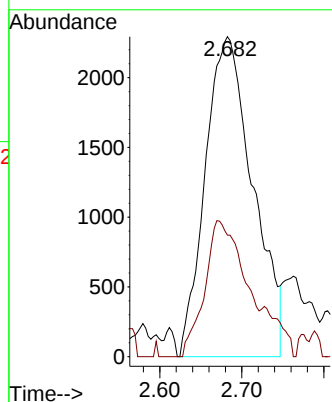


#13
Acetone
Concen: 5.604 ug/L
RT: 2.682 min Scan# 41
Delta R.T. 0.039 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

Instrument :
MSVOA_U
ClientSampleId :

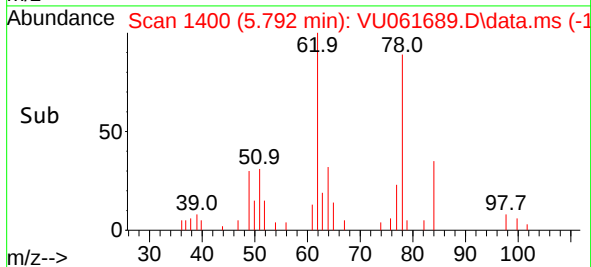
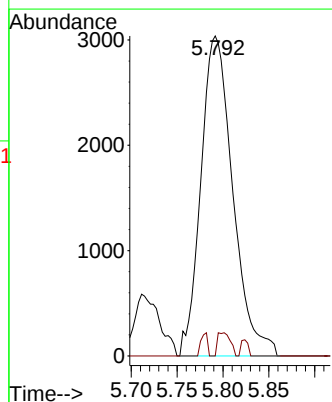
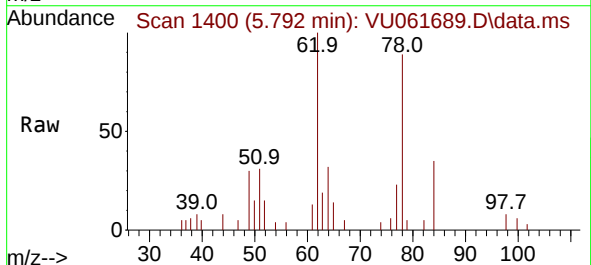


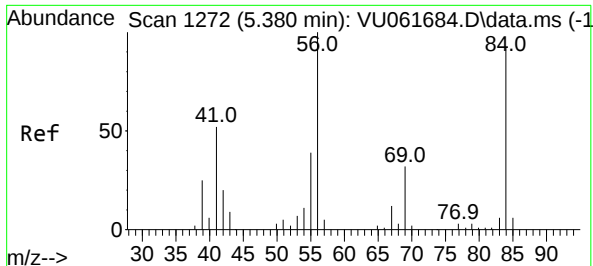
Tgt Ion: 43 Resp: 9247
Ion Ratio Lower Upper
43 100
58 34.7 0.0 69.8



#27
1,2-Dichloroethane
Concen: 0.483 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

Tgt Ion: 62 Resp: 7360
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#





#30

Cyclohexane

Concen: 0.090 ug/L

RT: 5.374 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Instrument :

MSVOA_U

ClientSampleId :

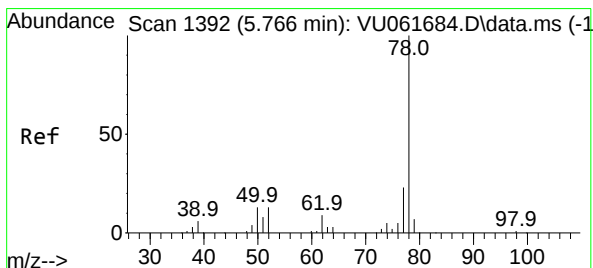
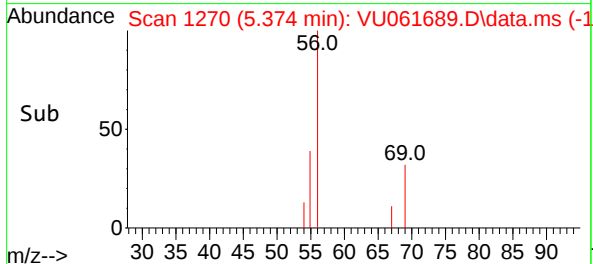
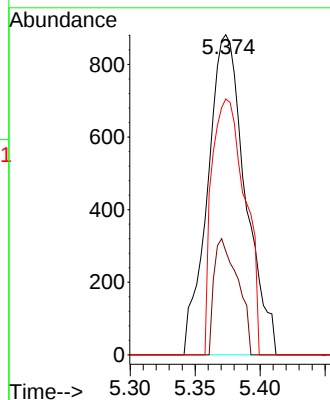
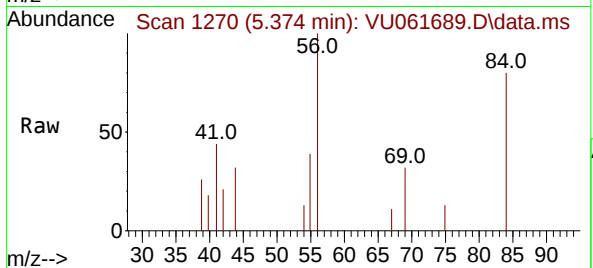
Tgt Ion: 56 Resp: 1781

Ion Ratio Lower Upper

56 100

69 22.7 25.6 38.4#

84 70.1 74.3 111.5#



#33

Benzene

Concen: 0.486 ug/L

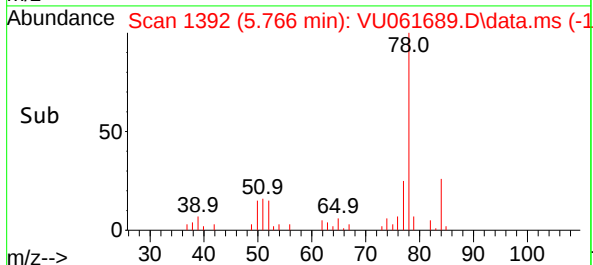
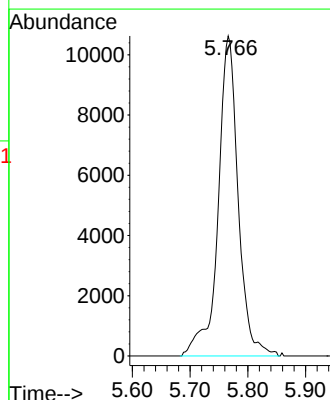
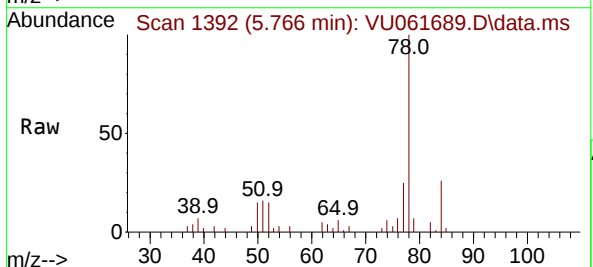
RT: 5.766 min Scan# 1392

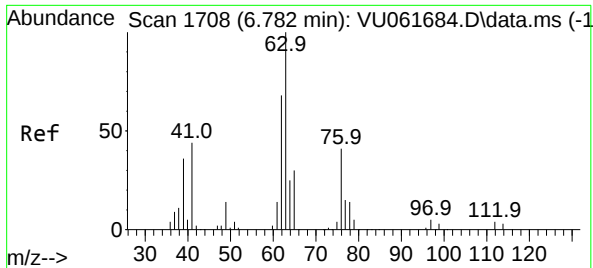
Delta R.T. 0.000 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Tgt Ion: 78 Resp: 25672

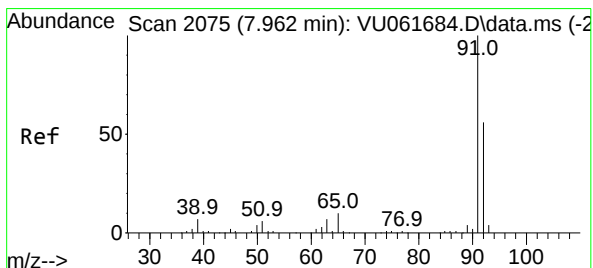
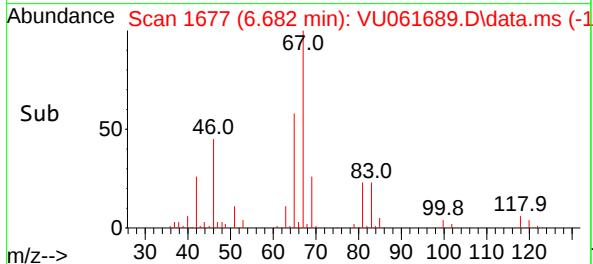
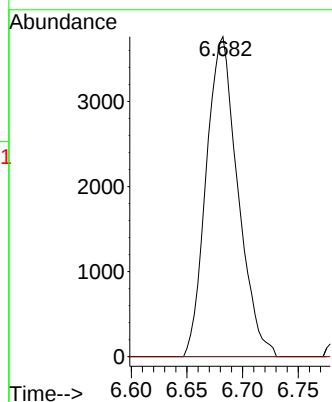
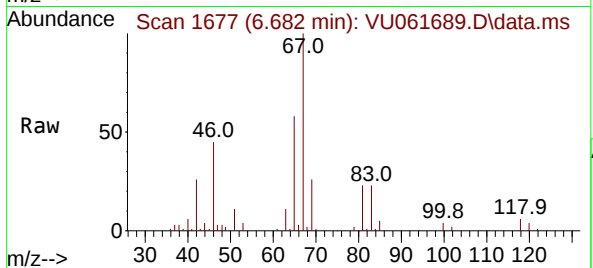




#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

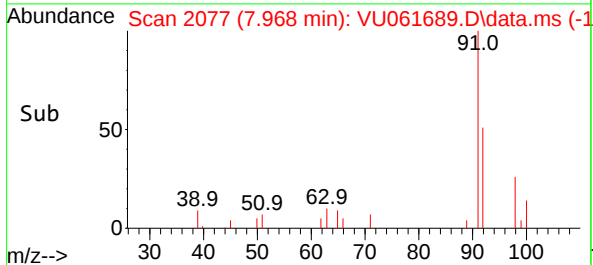
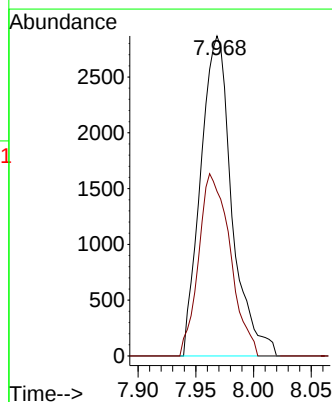
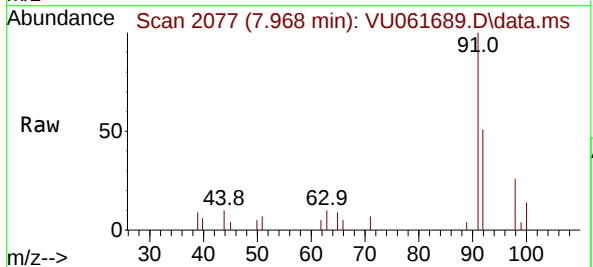
Instrument :
MSVOA_U
ClientSampleId :

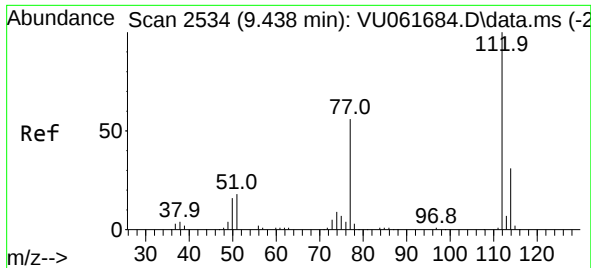
Tgt Ion: 63 Resp: 7423
Ion Ratio Lower Upper
63 100
112 0.9 3.0 4.4#



#42
Toluene
Concen: 0.095 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

Tgt Ion: 91 Resp: 5400
Ion Ratio Lower Upper
91 100
92 51.5 39.7 73.7

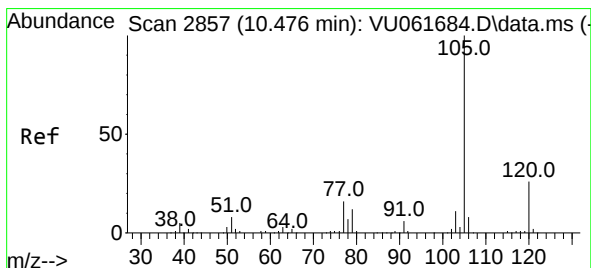
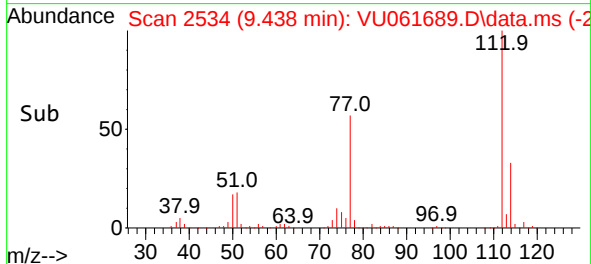
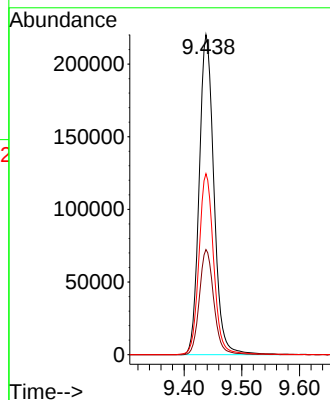
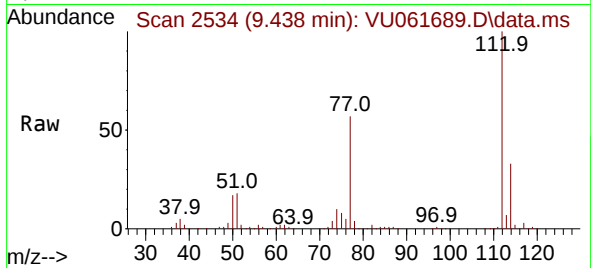




#51
Chlorobenzene
Concen: 10.660 ug/L
RT: 9.438 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

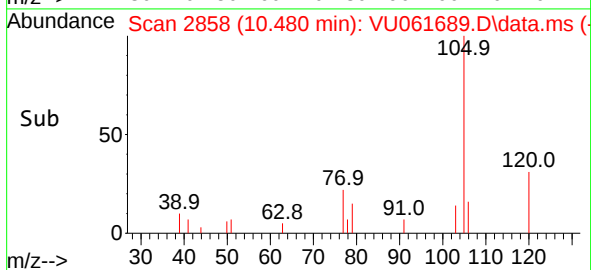
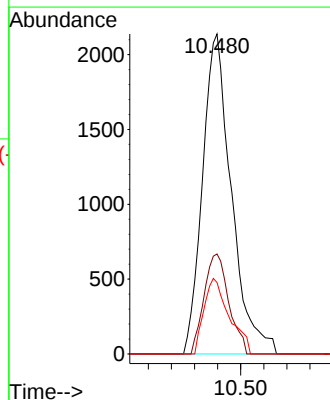
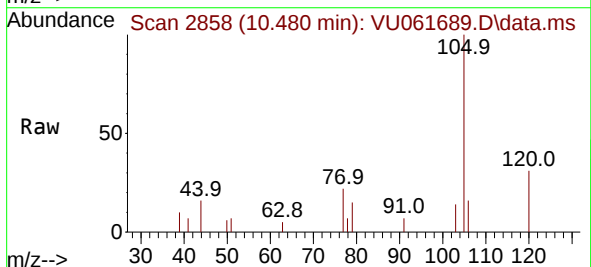
Instrument :
MSVOA_U
ClientSampleId :

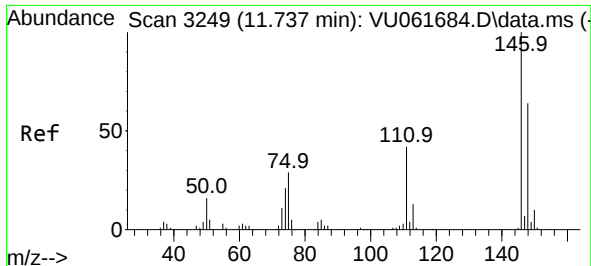
Tgt Ion:112 Resp: 390089
Ion Ratio Lower Upper
112 100
114 32.9 22.5 41.9
77 56.5 45.3 67.9



#60
Isopropylbenzene
Concen: 0.066 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

Tgt Ion:105 Resp: 3713
Ion Ratio Lower Upper
105 100
120 26.7 21.6 32.4
77 0.0 12.8 19.2#

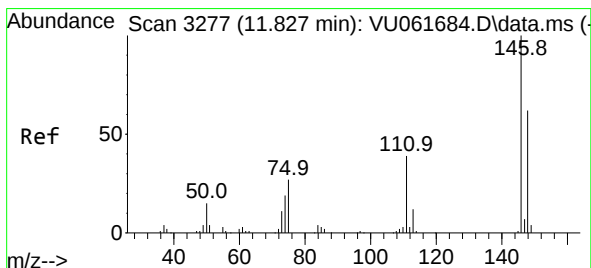
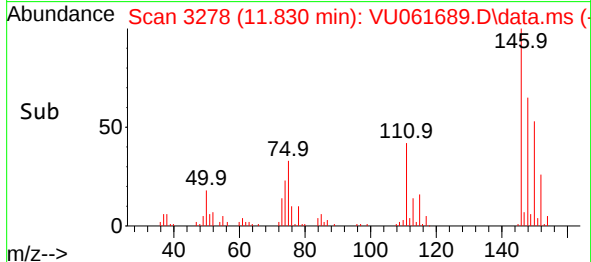
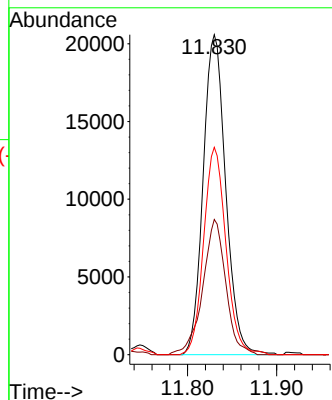
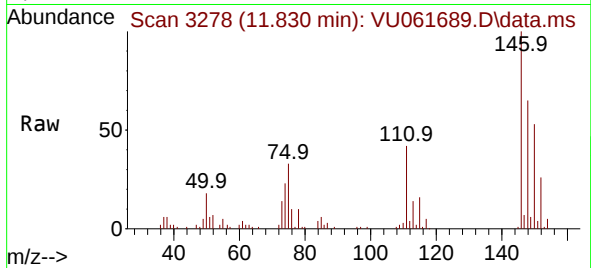




#64
1,3-Dichlorobenzene
Concen: 1.399 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.093 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

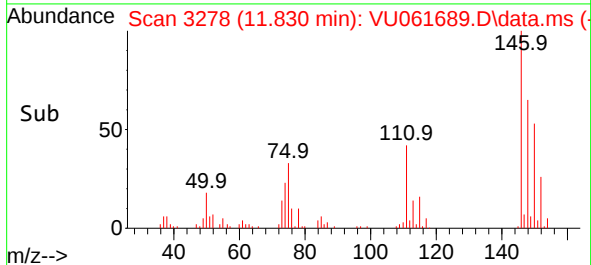
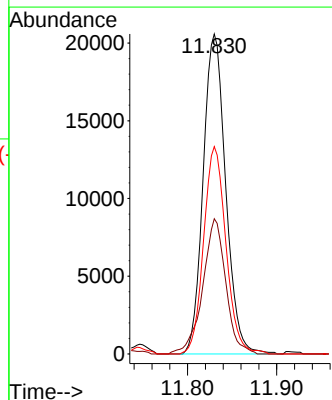
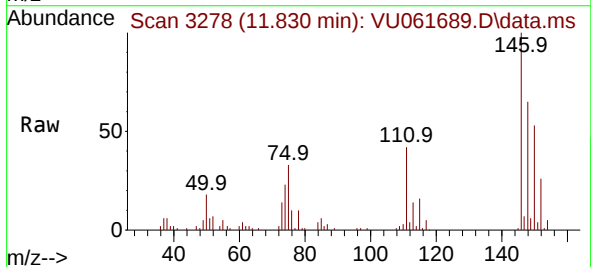
Instrument :
MSVOA_U
ClientSampleId :

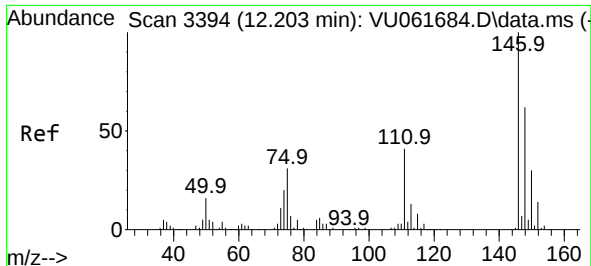
Tgt Ion:146 Resp: 36145
Ion Ratio Lower Upper
146 100
111 42.2 29.3 54.3
148 64.8 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 1.377 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061689.D
Acq: 14 Nov 2024 23:04

Tgt Ion:146 Resp: 36145
Ion Ratio Lower Upper
146 100
111 42.2 28.8 53.4
148 64.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.364 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Instrument :

MSVOA_U

ClientSampleId :

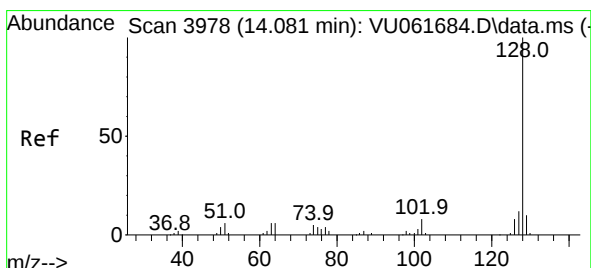
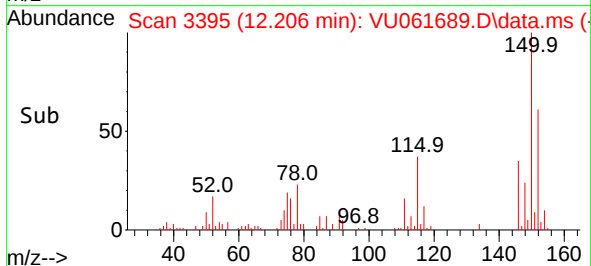
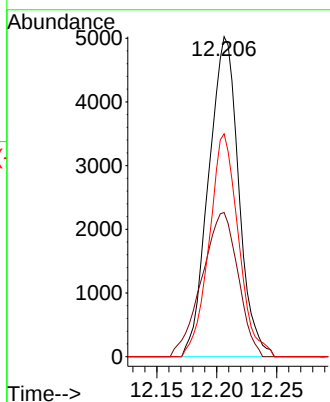
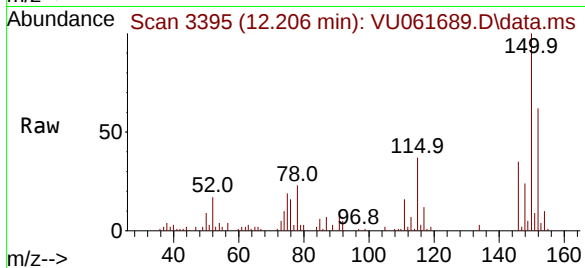
Tgt Ion:146 Resp: 8744

Ion Ratio Lower Upper

146 100

111 45.1 35.2 52.8

148 69.7 52.6 79.0



#71

Naphthalene

Concen: 0.433 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Tgt Ion:128 Resp: 8701

Ion Ratio Lower Upper

128 100

129 12.9 8.5 12.7#

127 11.6 10.4 15.6

