

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049224.D
 Acq On : 16 Jun 2022 23:08
 Operator : SY/MD
 Sample : N3320-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	123774	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54699	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41000	3.791	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.912	69	32776	4.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.568	65	16528	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.639	46	149541	51.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.066	84	79834	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.703	65	45350	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	157893	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	55352	4.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	139486	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	18137	3.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.635	63	102631	49.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46943	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	51854	4.940	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%

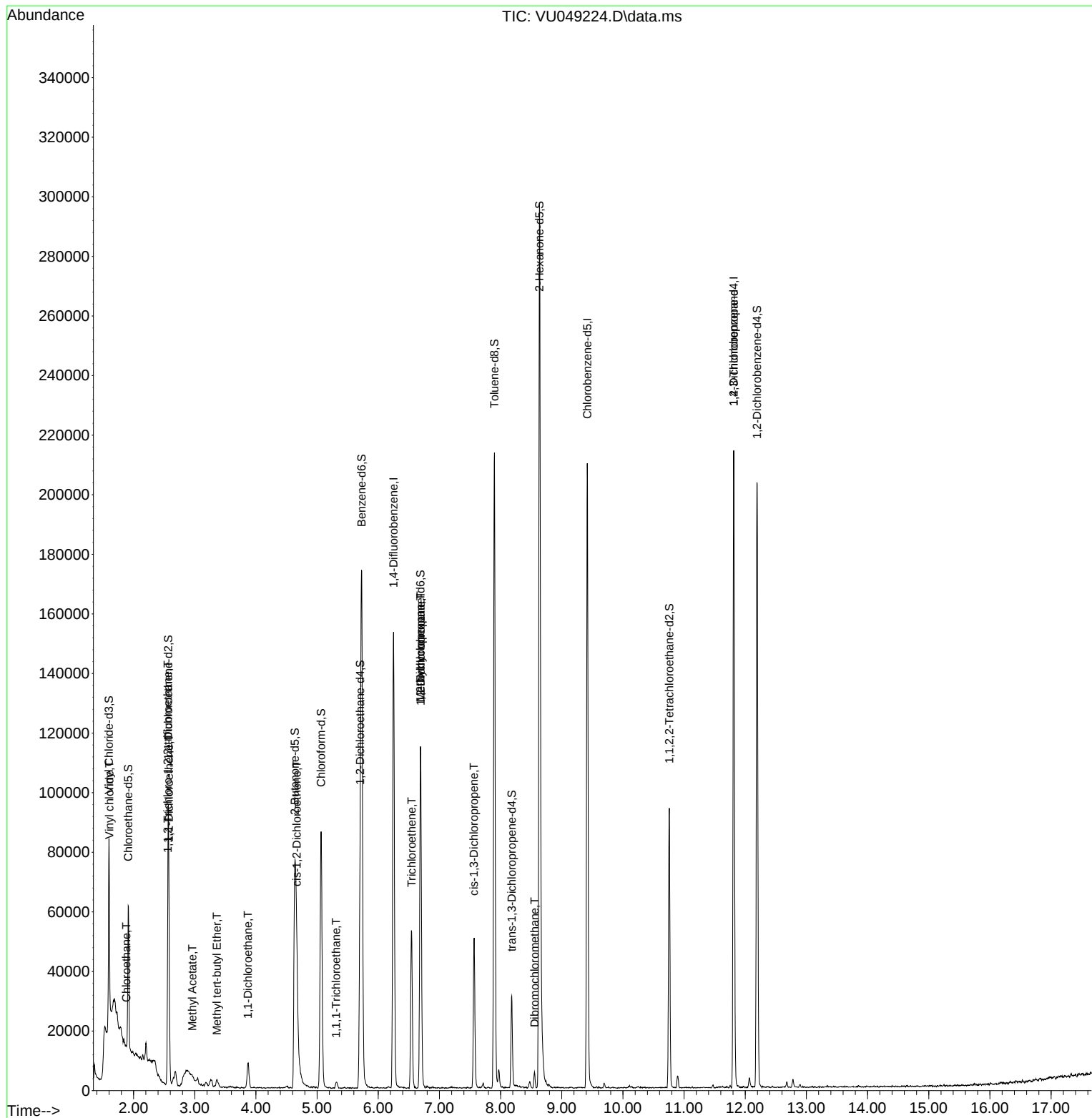
Target Compounds				Qvalue		
5) Vinyl chloride	1.604	62	2456	0.236	ug/L #	1
8) Chloroethane	1.883	64	1056	0.175	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	439	0.061	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	4775	0.686	ug/L #	1
15) Methyl Acetate	2.960	43	2217	0.580	ug/L #	58
17) Methyl tert-butyl Ether	3.362	73	2620	0.124	ug/L #	93
19) 1,1-Dichloroethane	3.870	63	10245	0.674	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	9544	1.107	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	2006	0.149	ug/L	88
34) Trichloroethene	6.546	95	18595	2.169	ug/L	97
35) Methylcyclohexane	6.690	83	12460	0.867	ug/L #	16
37) 1,2-Dichloropropane	6.693	63	5916	0.642	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1305	0.093	ug/L #	70
49) Dibromochloromethane	8.555	129	1124	0.153	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7267	1.184	ug/L #	70

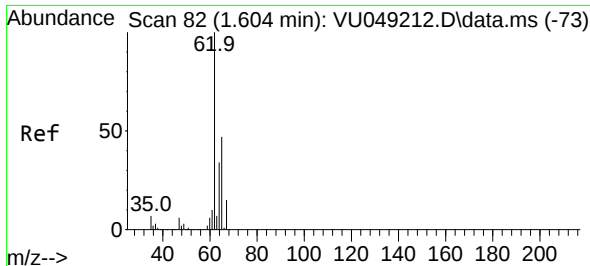
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
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Misc : 25.0mL/MSVOA_U/WATER
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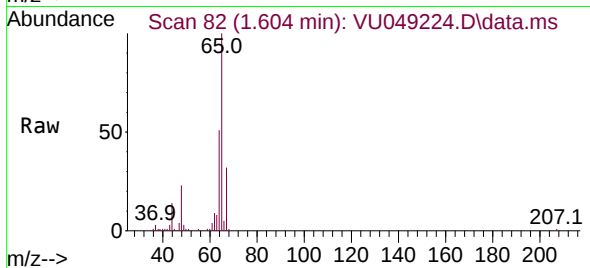
Quant Time: Jun 17 02:35:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 02:27:54 2022
Response via : Initial Calibration



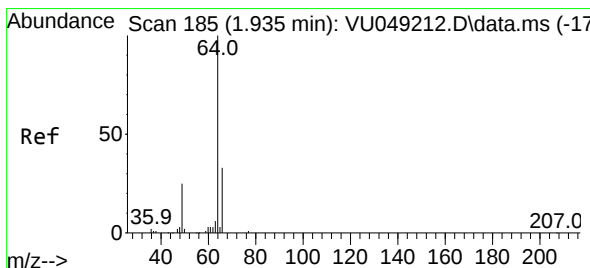
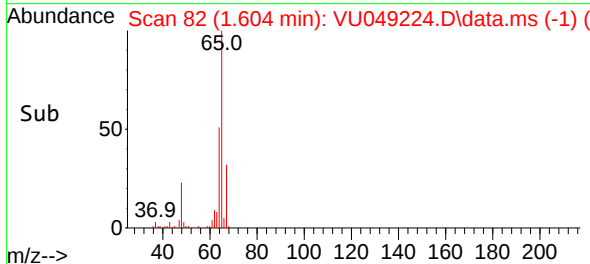
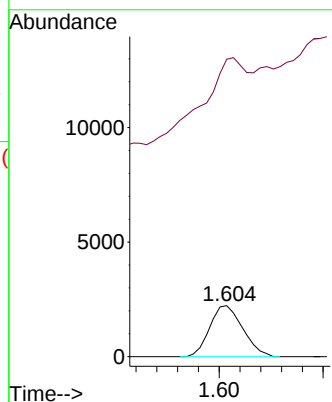


#5
 Vinyl chloride
 Concen: 0.236 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049224.D
 Acq: 16 Jun 2022 23:08

Instrument :
 MSVOA_U
 ClientSampleId :

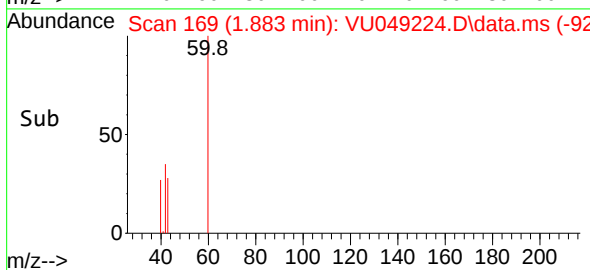
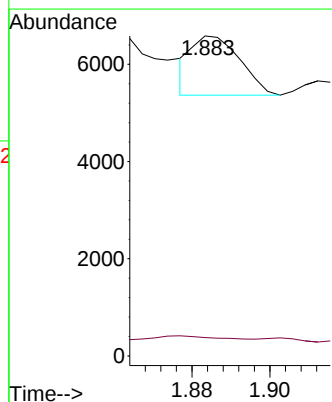
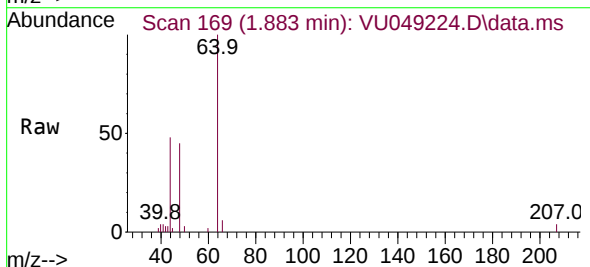


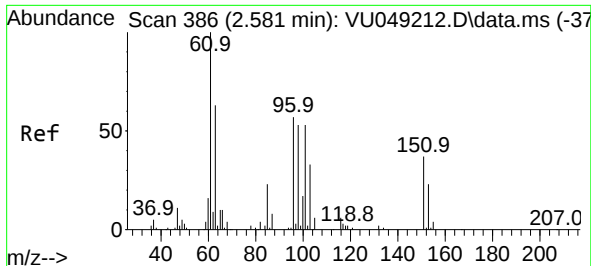
Tgt Ion: 62 Resp: 2456
 Ion Ratio Lower Upper
 62 100
 64 582.3 22.8 42.4#



#8
 Chloroethane
 Concen: 0.175 ug/L
 RT: 1.883 min Scan# 169
 Delta R.T. -0.052 min
 Lab File: VU049224.D
 Acq: 16 Jun 2022 23:08

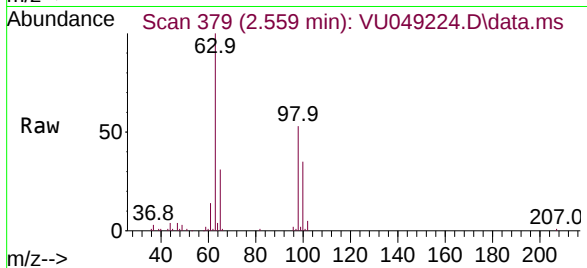
Tgt Ion: 64 Resp: 1056
 Ion Ratio Lower Upper
 64 100
 66 5.7 20.9 38.9#



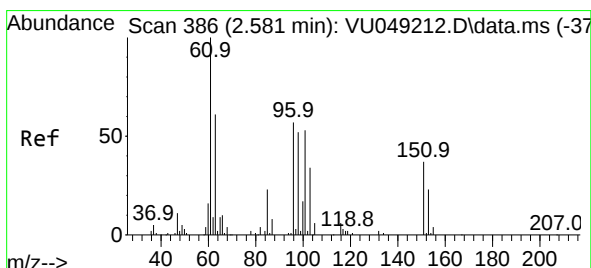
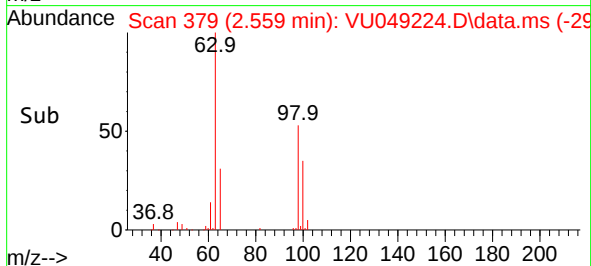
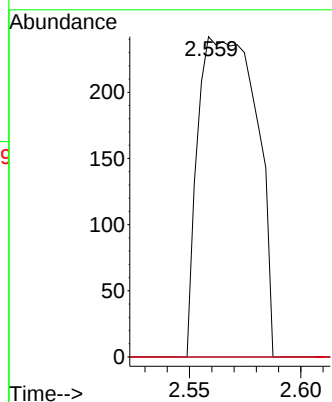


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: VU049224.D
 Acq: 16 Jun 2022 23:08

Instrument :
 MSVOA_U
 ClientSampleId :

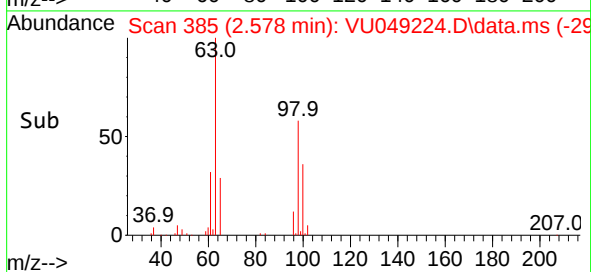
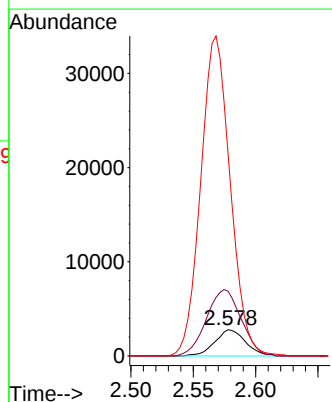
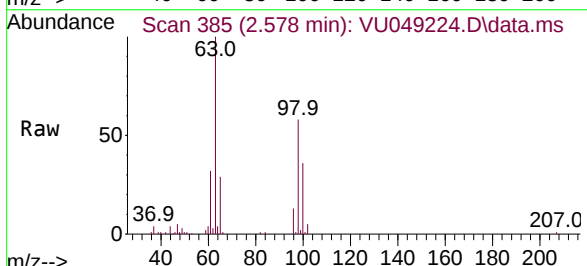


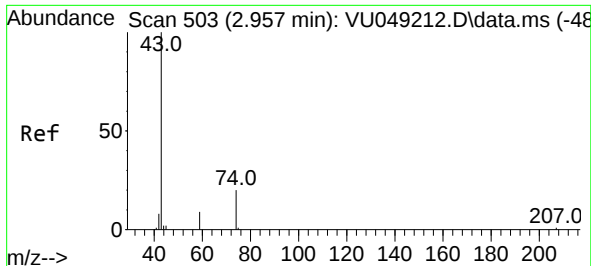
Tgt Ion:101 Resp: 439
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.686 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049224.D
 Acq: 16 Jun 2022 23:08

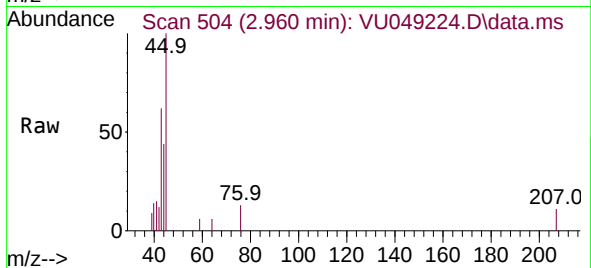
Tgt Ion: 96 Resp: 4775
 Ion Ratio Lower Upper
 96 100
 61 247.4 127.2 236.2#
 63 772.4 94.7 175.9#



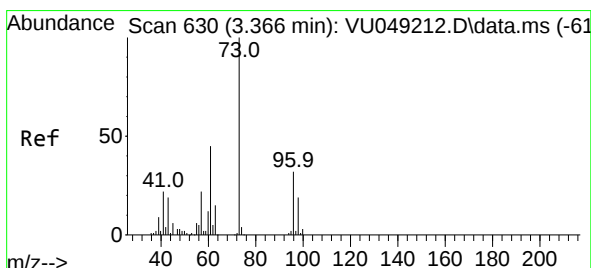
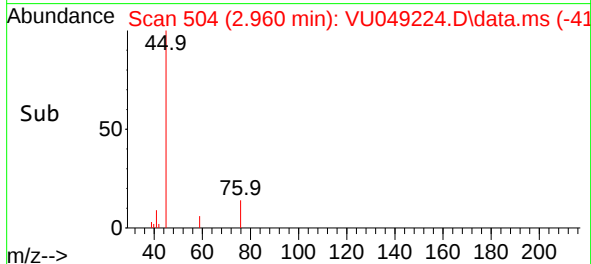
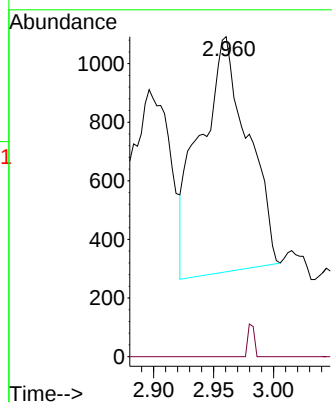


#15
Methyl Acetate
Concen: 0.580 ug/L
RT: 2.960 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU049224.D
Acq: 16 Jun 2022 23:08

Instrument :
MSVOA_U
ClientSampleId :

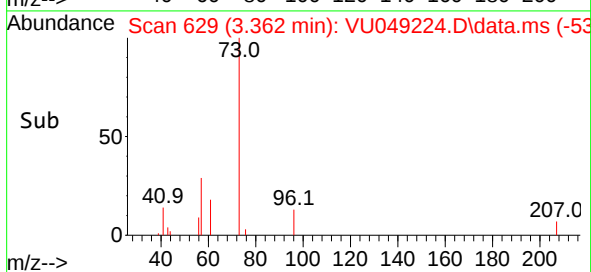
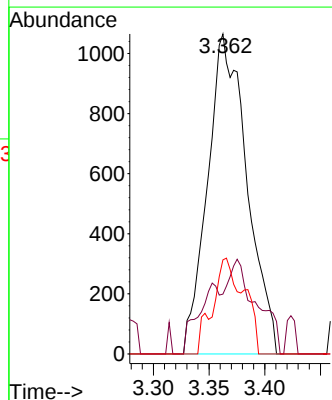
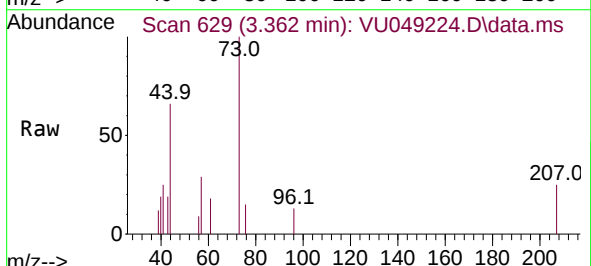


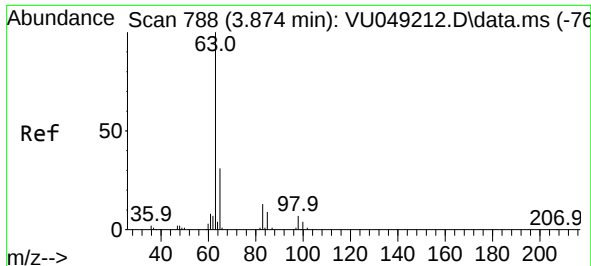
Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
74 1.8 17.6 26.4#



#17
Methyl tert-butyl Ether
Concen: 0.124 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU049224.D
Acq: 16 Jun 2022 23:08

Tgt Ion: 73 Resp: 2620
Ion Ratio Lower Upper
73 100
43 21.9 16.5 24.7
57 18.3 18.6 27.8#





#19

1,1-Dichloroethane

Concen: 0.674 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.003 min MSVOA_U

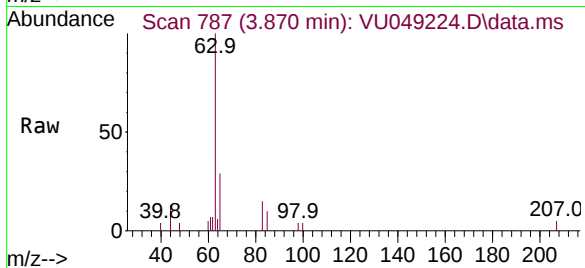
Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :



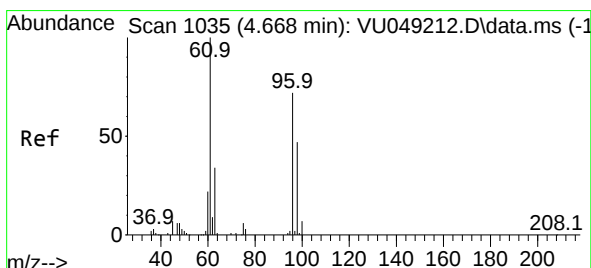
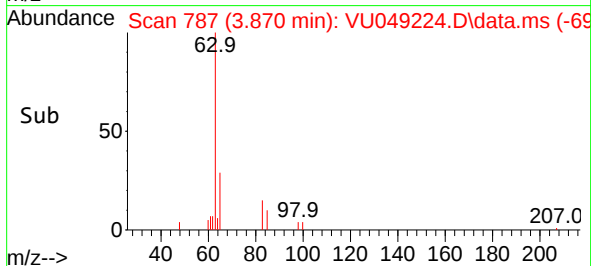
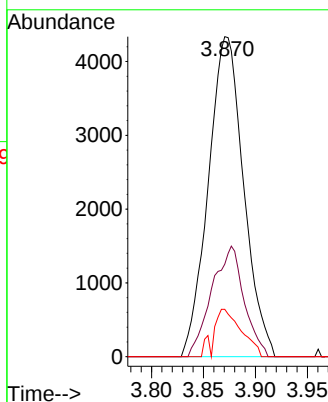
Tgt Ion: 63 Resp: 10245

Ion Ratio Lower Upper

63 100

65 28.9 24.0 44.6

83 14.8 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.107 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

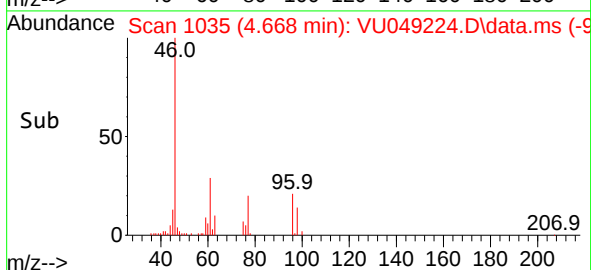
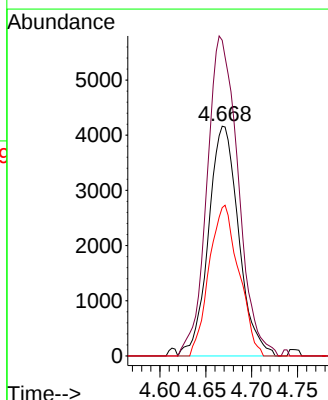
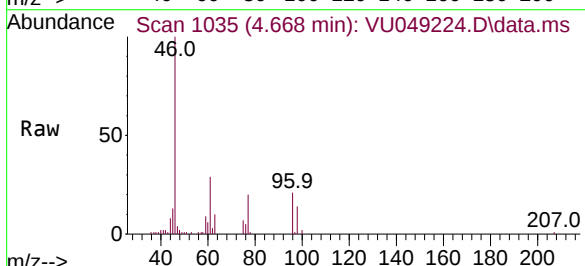
Tgt Ion: 96 Resp: 9544

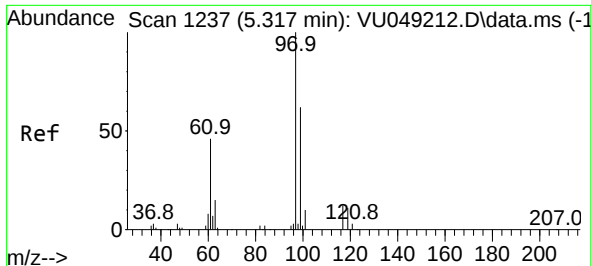
Ion Ratio Lower Upper

96 100

61 137.4 99.5 184.9

98 64.5 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.149 ug/L

RT: 5.311 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :

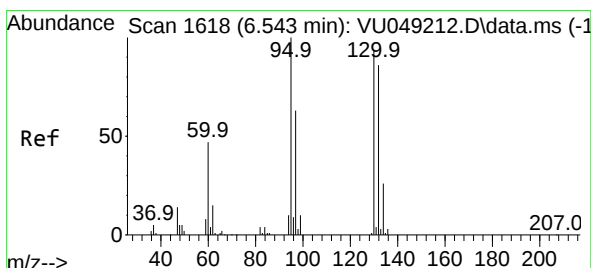
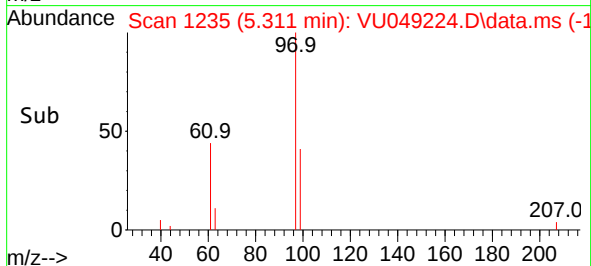
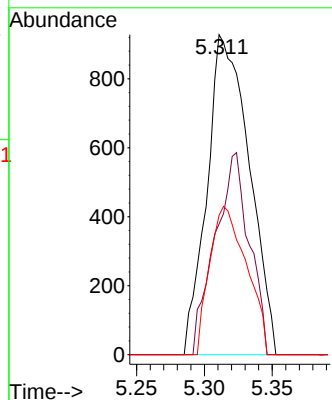
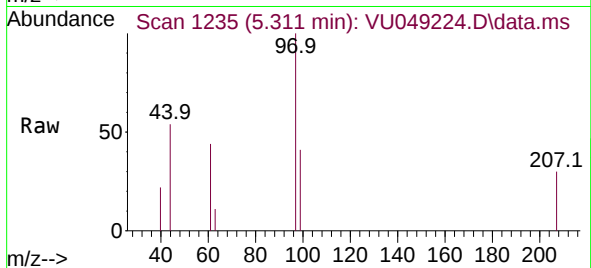
Tgt Ion: 97 Resp: 2006

Ion Ratio Lower Upper

97 100

99 51.3 51.0 76.4

61 40.5 36.2 54.4



#34

Trichloroethene

Concen: 2.169 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Tgt Ion: 95 Resp: 18595

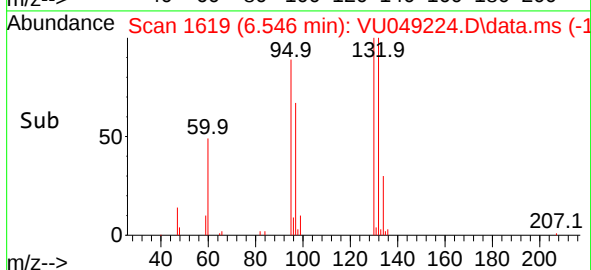
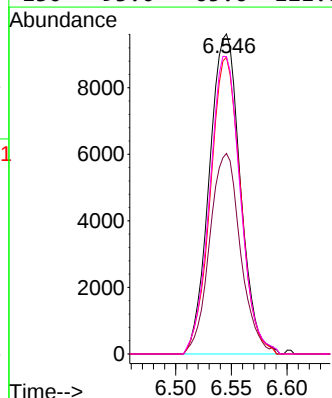
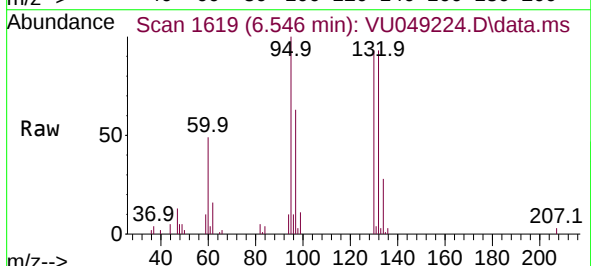
Ion Ratio Lower Upper

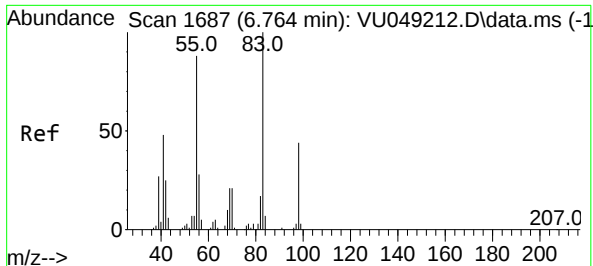
95 100

97 62.7 45.3 84.1

132 92.8 61.5 114.3

130 93.0 65.6 121.8

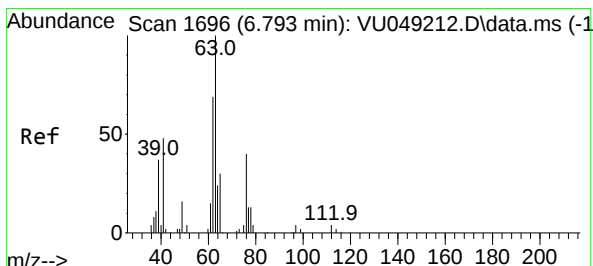
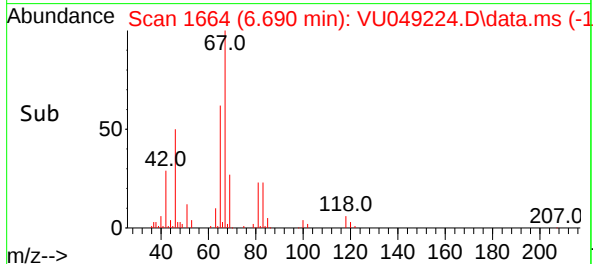
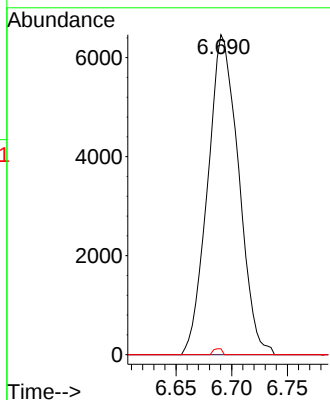
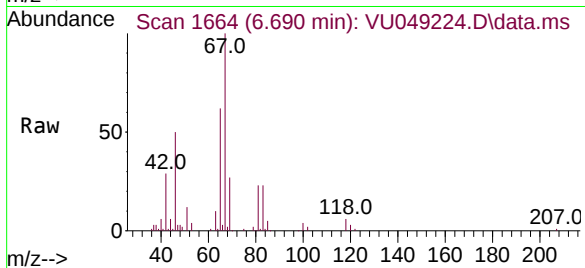




#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049224.D
Acq: 16 Jun 2022 23:08

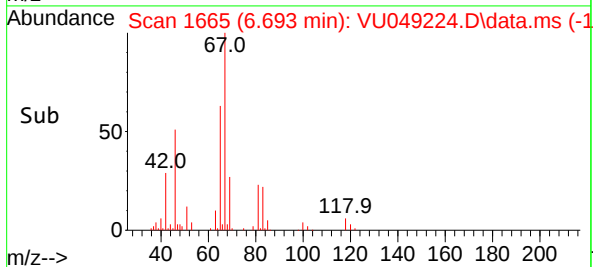
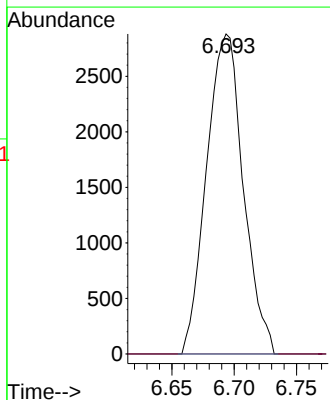
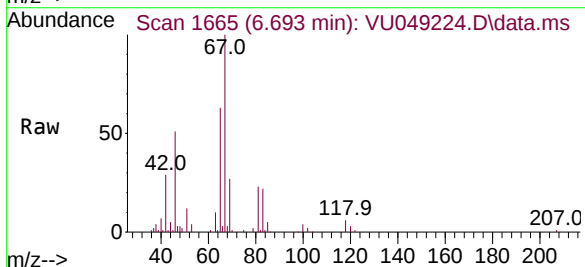
Instrument :
MSVOA_U
ClientSampleId :

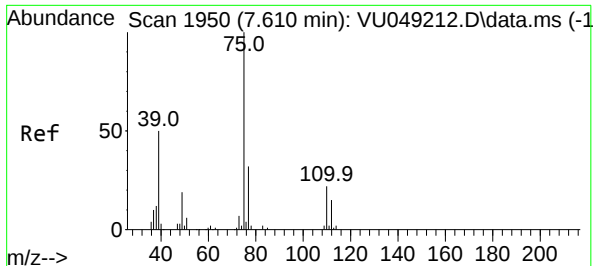
Tgt Ion: 83 Resp: 12460
Ion Ratio Lower Upper
83 100
55 0.0 66.9 100.3#
98 0.5 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU049224.D
Acq: 16 Jun 2022 23:08

Tgt Ion: 63 Resp: 5916
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

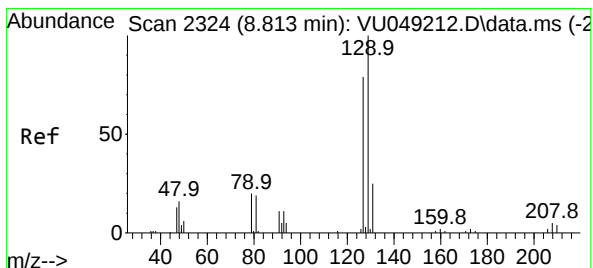
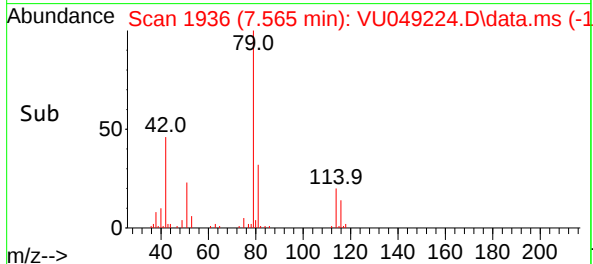
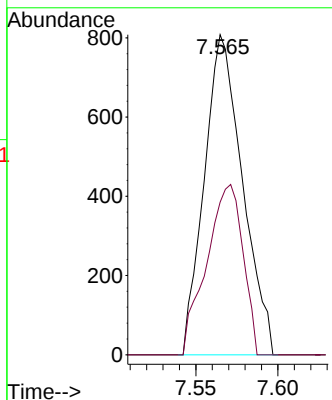
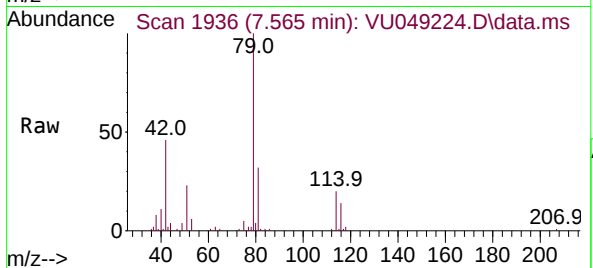
ClientSampleId :

Tgt Ion: 75 Resp: 1305

Ion Ratio Lower Upper

75 100

77 47.6 21.8 40.4#



#49

Dibromochloromethane

Concen: 0.153 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU049224.D

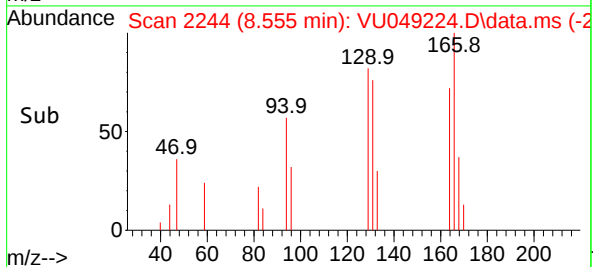
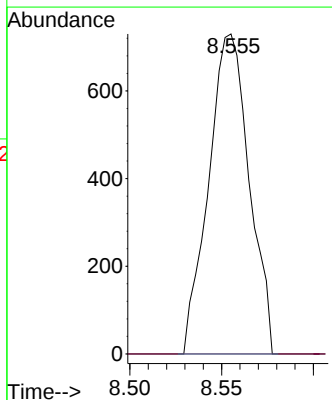
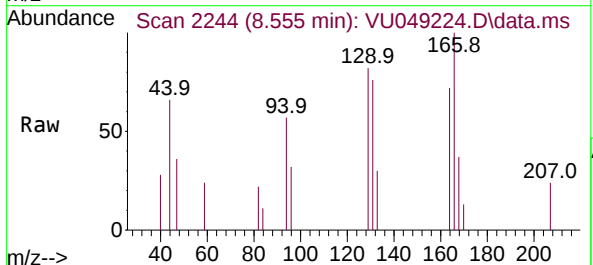
Acq: 16 Jun 2022 23:08

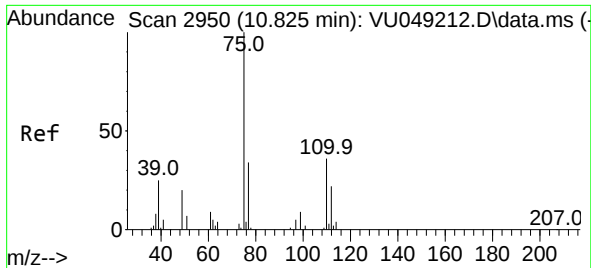
Tgt Ion: 129 Resp: 1124

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#





#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

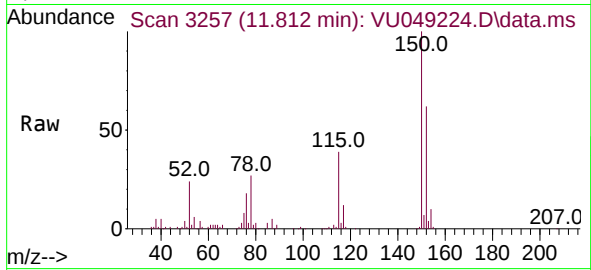
Lab File: VU049224.D

Acq: 16 Jun 2022 23:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7267

Ion Ratio Lower Upper

75 100

110 3.0 29.0 43.4#

77 33.0 26.2 39.2

