

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049229.D
 Acq On : 17 Jun 2022 01:07
 Operator : SY/MD
 Sample : N3320-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:36:37 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)

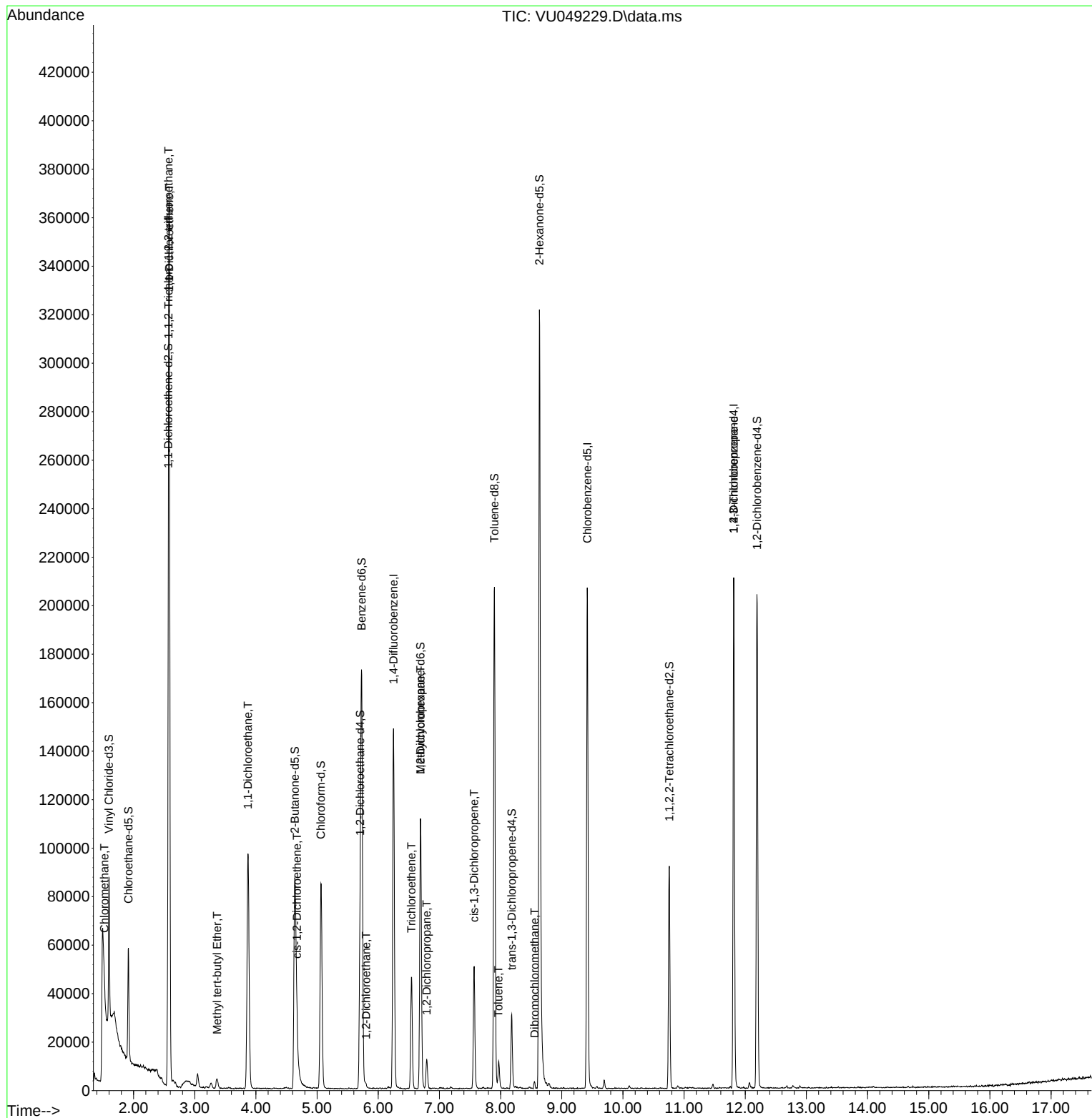
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	116600	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	109768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40653	3.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.916	69	31558	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.568	65	16877	4.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.636	46	163308	60.032	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.060%
24) Chloroform-d	5.063	84	78923	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.703	65	44848	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.729	84	157392	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.690	67	55162	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	135749	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	17289	3.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.636	63	111092	55.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47212	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	52462	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	3355	0.307	ug/L #	68
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	599	0.089	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	104736	15.975	ug/L #	79
17) Methyl tert-butyl Ether	3.366	73	3400	0.171	ug/L #	91
19) 1,1-Dichloroethane	3.870	63	112946	7.886	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	2710	0.334	ug/L	87
27) 1,2-Dichloroethane	5.803	62	1061	0.112	ug/L #	74
34) Trichloroethene	6.542	95	15581	1.866	ug/L	95
35) Methylcyclohexane	6.690	83	12180	0.870	ug/L #	16
37) 1,2-Dichloropropane	6.793	63	4708	0.525	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1248	0.091	ug/L #	49
42) Toluene	7.967	91	7877	0.227	ug/L	95
49) Dibromochloromethane	8.558	129	543	0.076	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7433	1.224	ug/L #	69

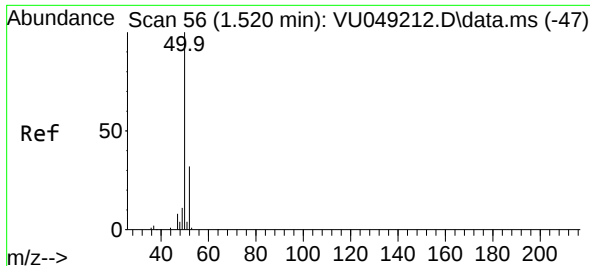
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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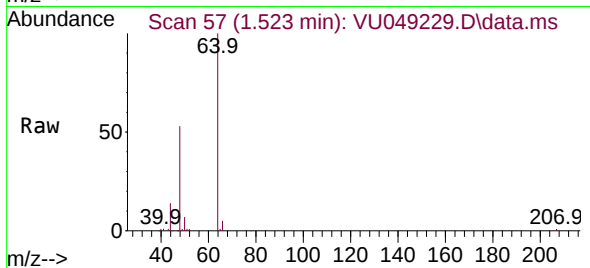
Quant Time: Jun 17 02:36:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
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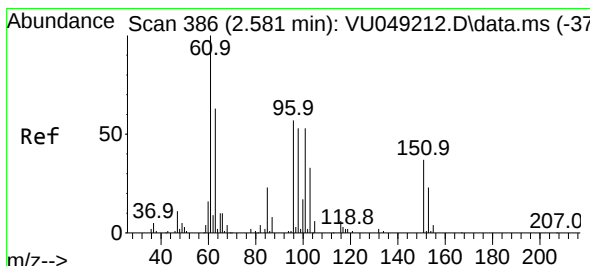
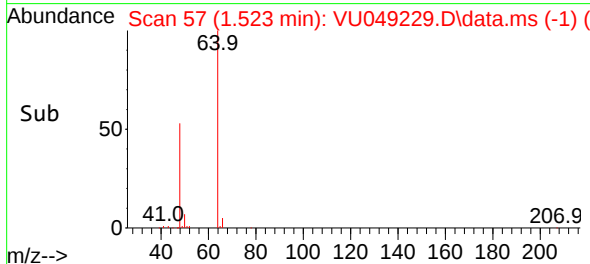
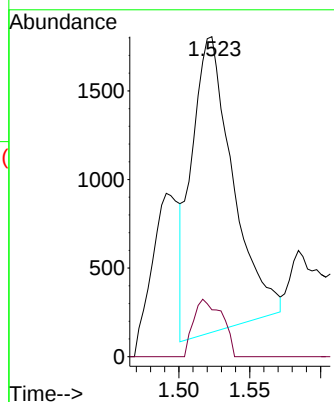


#3
Chloromethane
Concen: 0.307 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049229.D
Acq: 17 Jun 2022 01:07

Instrument :
MSVOA_U
ClientSampleId :

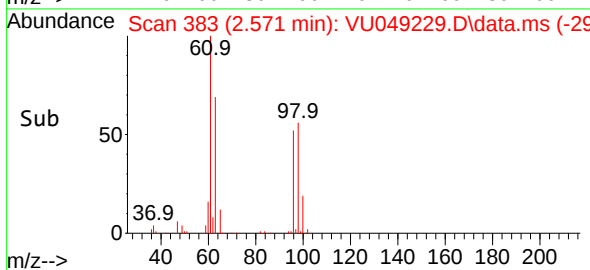
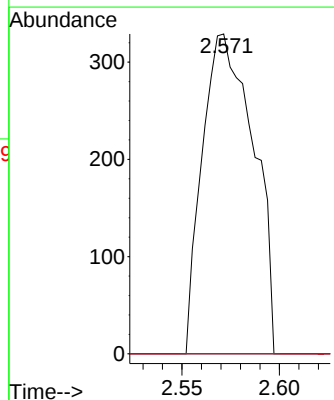
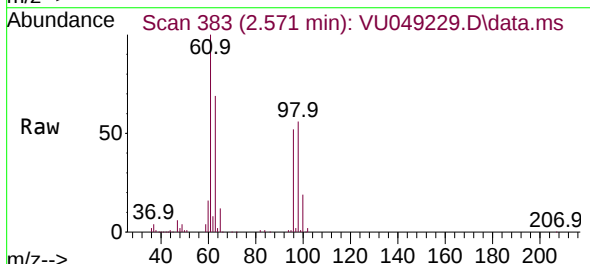


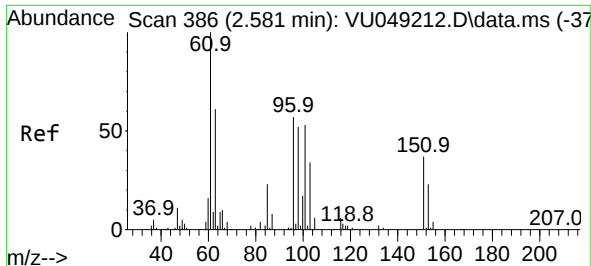
Tgt Ion: 50 Resp: 3355
Ion Ratio Lower Upper
50 100
52 14.7 22.7 42.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU049229.D
Acq: 17 Jun 2022 01:07

Tgt Ion: 101 Resp: 599
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: 15.975 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Instrument :

MSVOA_U

ClientSampleId :

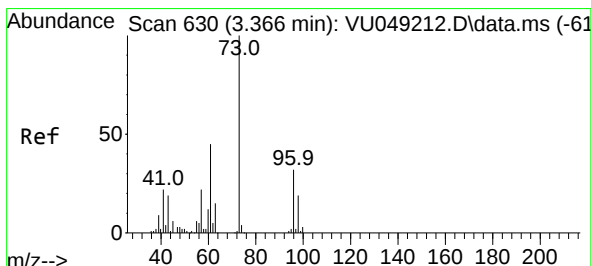
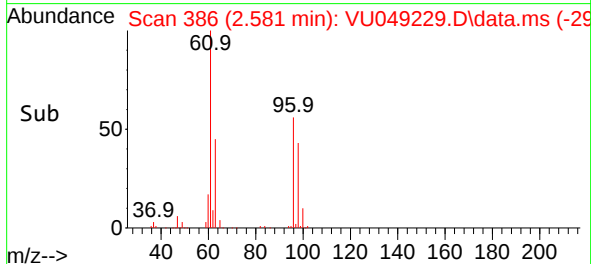
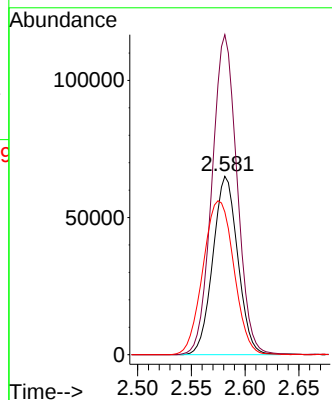
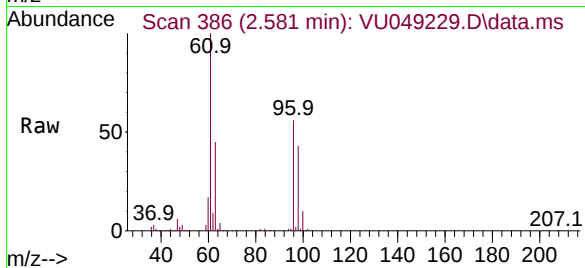
Tgt Ion: 96 Resp: 104736

Ion Ratio Lower Upper

96 100

61 179.4 127.2 236.2

63 80.0 94.7 175.9#



#17

Methyl tert-butyl Ether

Concen: 0.171 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

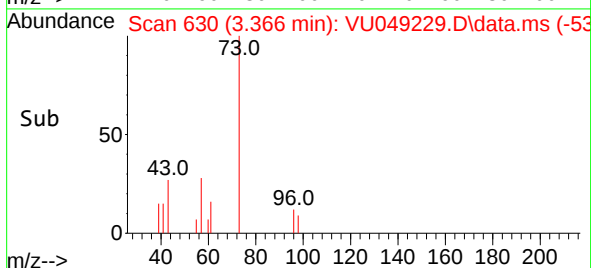
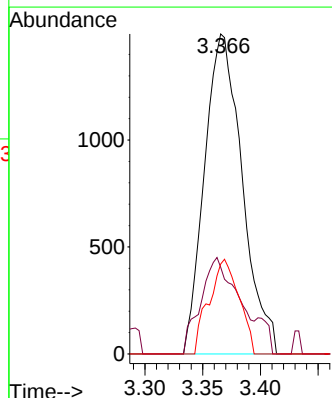
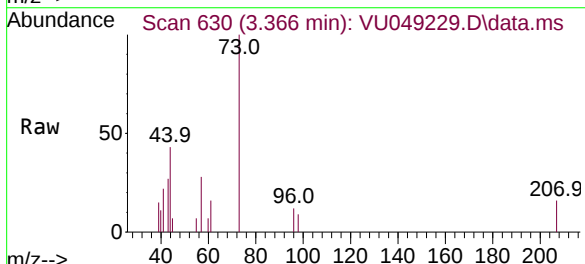
Tgt Ion: 73 Resp: 3400

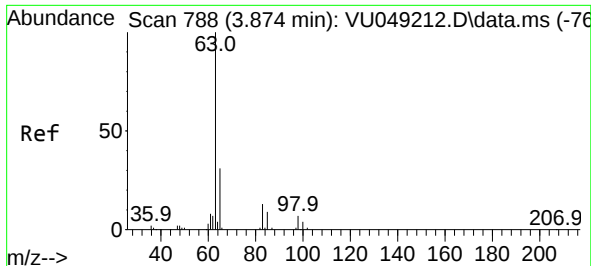
Ion Ratio Lower Upper

73 100

43 29.6 16.5 24.7#

57 23.4 18.6 27.8





#19

1,1-Dichloroethane

Concen: 7.886 ug/L

RT: 3.870 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Instrument :

MSVOA_U

ClientSampleId :

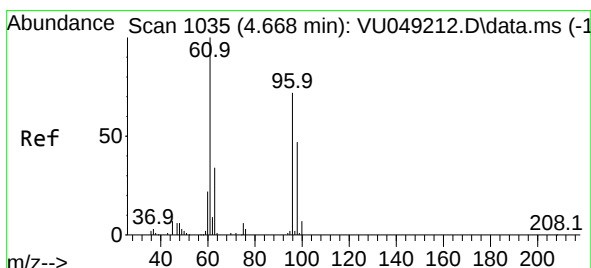
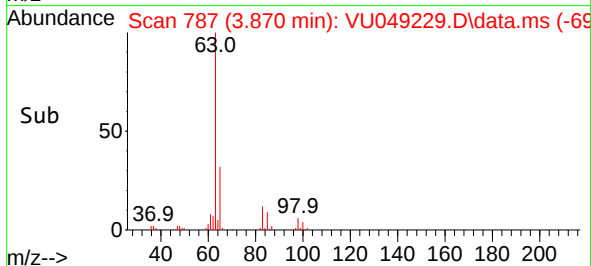
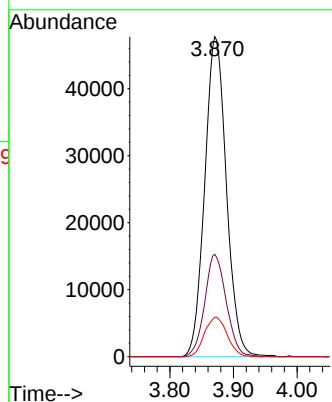
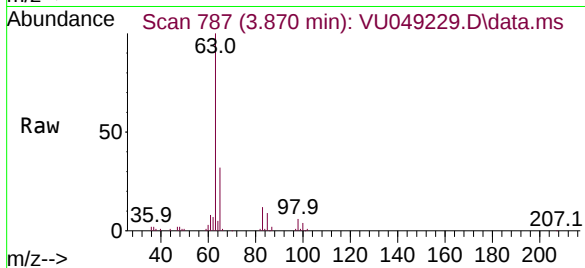
Tgt Ion: 63 Resp: 112946

Ion Ratio Lower Upper

63 100

65 32.0 24.0 44.6

83 12.3 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.334 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

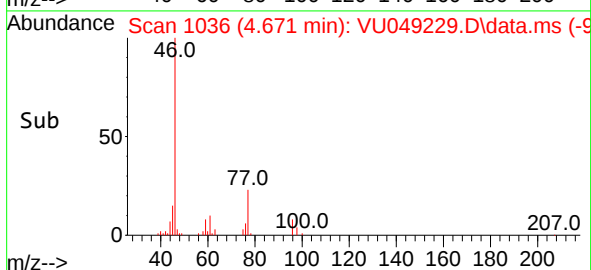
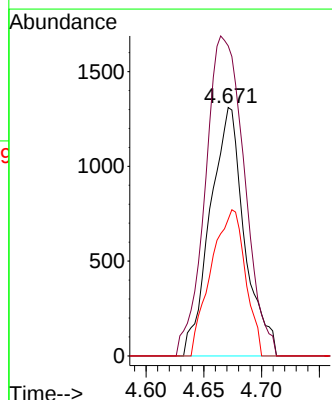
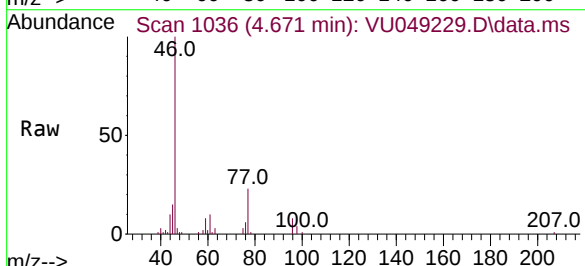
Tgt Ion: 96 Resp: 2710

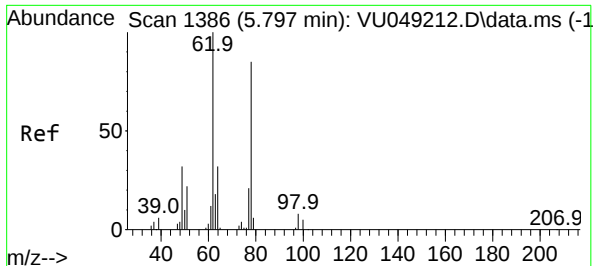
Ion Ratio Lower Upper

96 100

61 124.8 99.5 184.9

98 55.0 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 5.803 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Instrument :

MSVOA_U

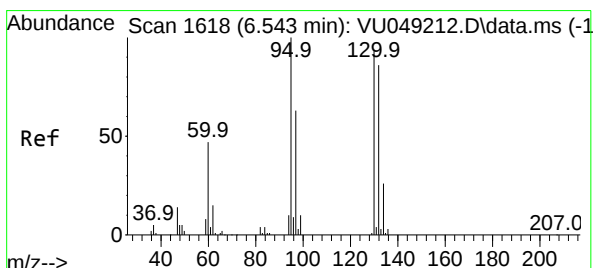
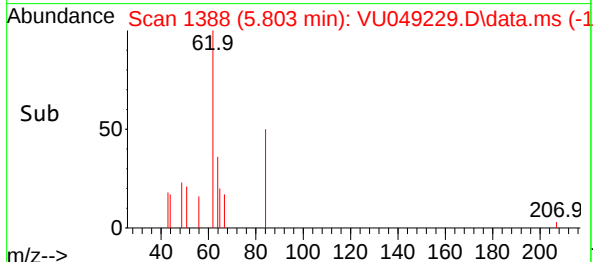
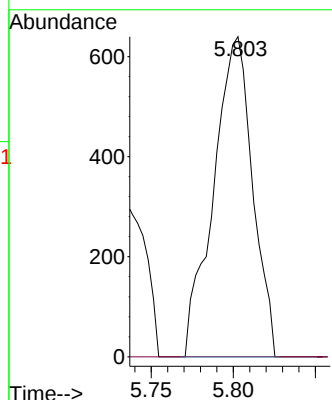
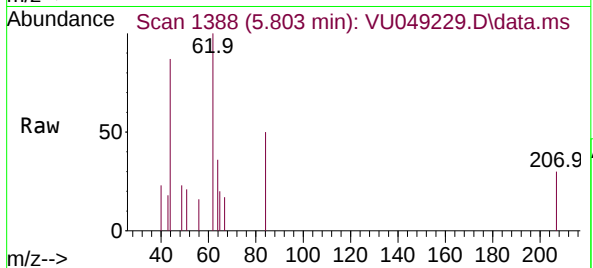
ClientSampleId :

Tgt Ion: 62 Resp: 1061

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#34

Trichloroethene

Concen: 1.866 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Tgt Ion: 95 Resp: 15581

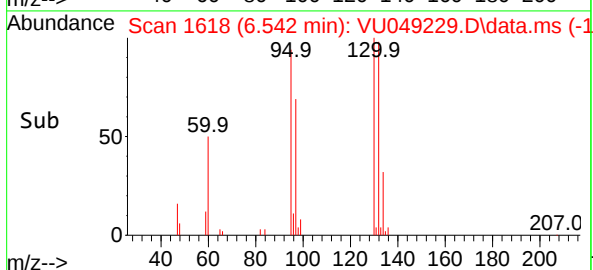
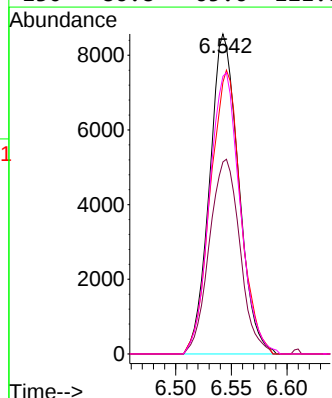
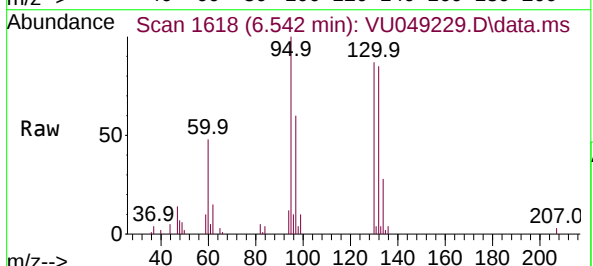
Ion Ratio Lower Upper

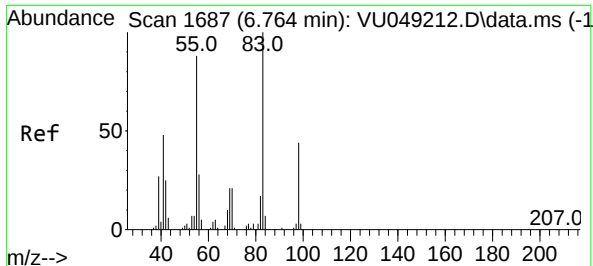
95 100

97 60.0 45.3 84.1

132 84.9 61.5 114.3

130 86.8 65.6 121.8

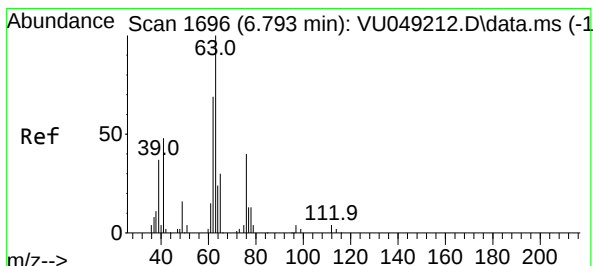
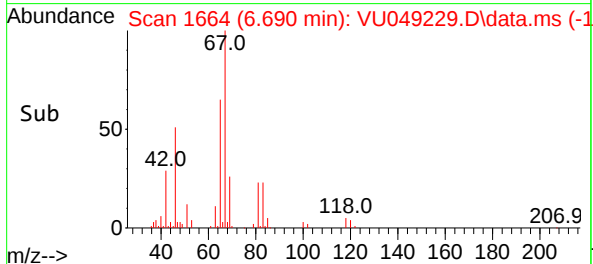
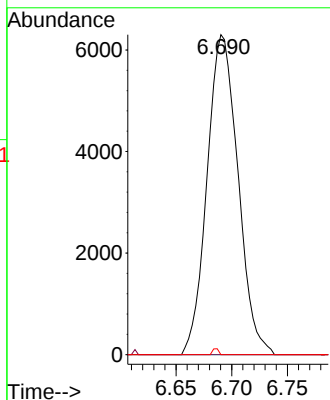
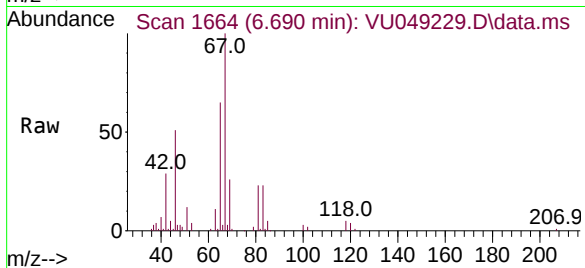




#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049229.D
Acq: 17 Jun 2022 01:07

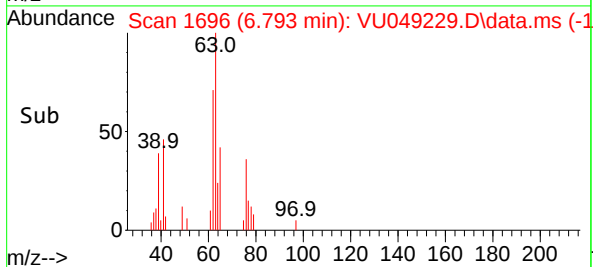
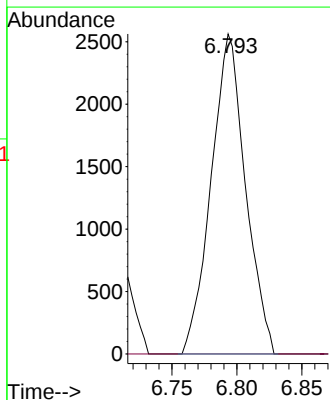
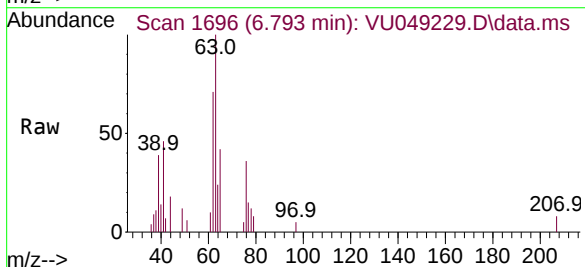
Instrument :
MSVOA_U
ClientSampleId :

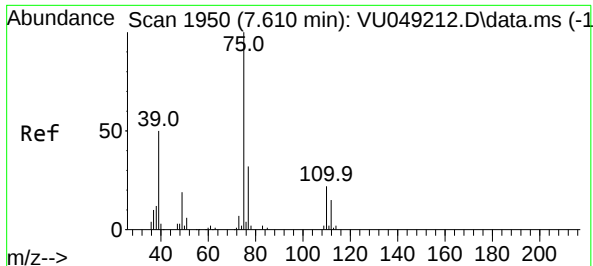
Tgt Ion: 83 Resp: 12180
Ion Ratio Lower Upper
83 100
55 0.2 66.9 100.3#
98 0.4 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU049229.D
Acq: 17 Jun 2022 01:07

Tgt Ion: 63 Resp: 4708
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Instrument :

MSVOA_U

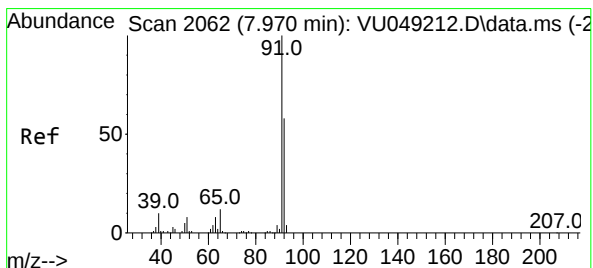
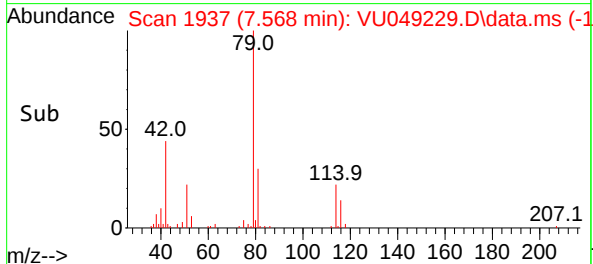
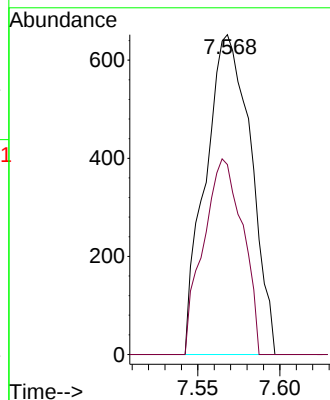
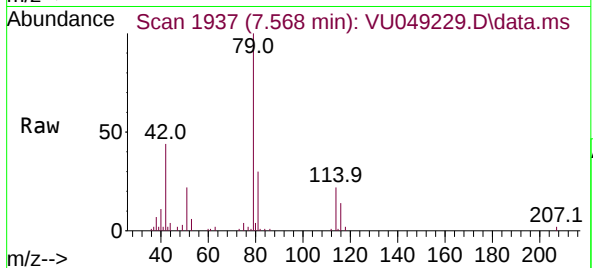
ClientSampleId :

Tgt Ion: 75 Resp: 1248

Ion Ratio Lower Upper

75 100

77 59.4 21.8 40.4#



#42

Toluene

Concen: 0.227 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU049229.D

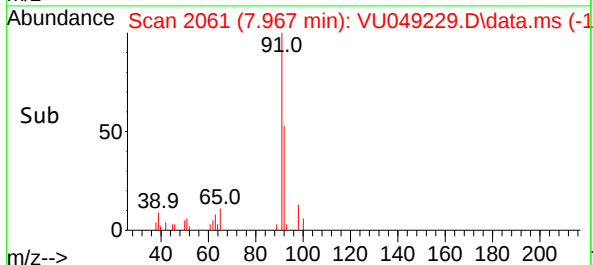
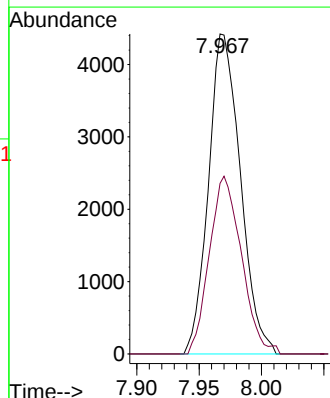
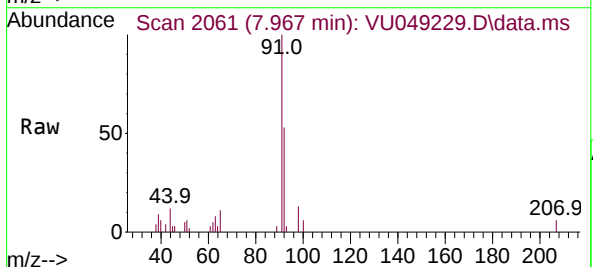
Acq: 17 Jun 2022 01:07

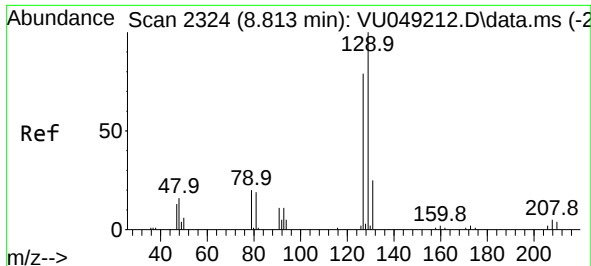
Tgt Ion: 91 Resp: 7877

Ion Ratio Lower Upper

91 100

92 53.3 40.0 74.2





#49

Dibromochloromethane

Concen: 0.076 ug/L

RT: 8.558 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Instrument :

MSVOA_U

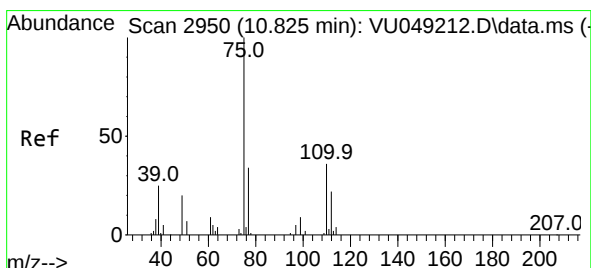
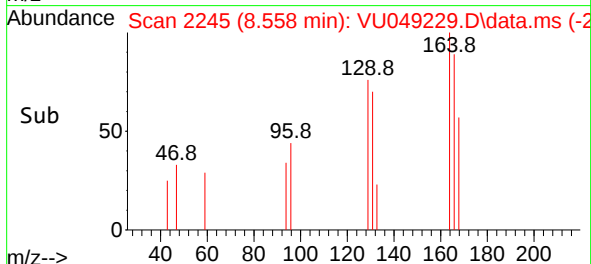
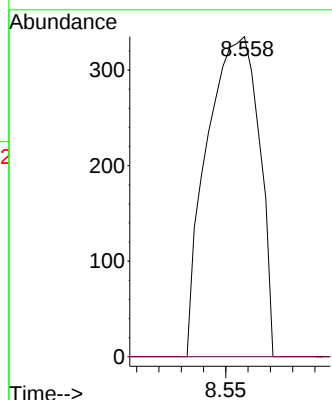
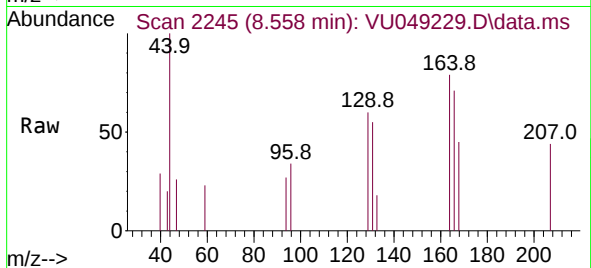
ClientSampleId :

Tgt Ion:129 Resp: 543

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#61

1,2,3-Trichloropropane

Concen: 1.224 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049229.D

Acq: 17 Jun 2022 01:07

Tgt Ion: 75 Resp: 7433

Ion Ratio Lower Upper

75 100

110 2.2 29.0 43.4#

77 32.3 26.2 39.2

