

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046809.D
 Acq On : 20 Jan 2022 14:26
 Operator : SY/MD
 Sample : N1194-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 01:00:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

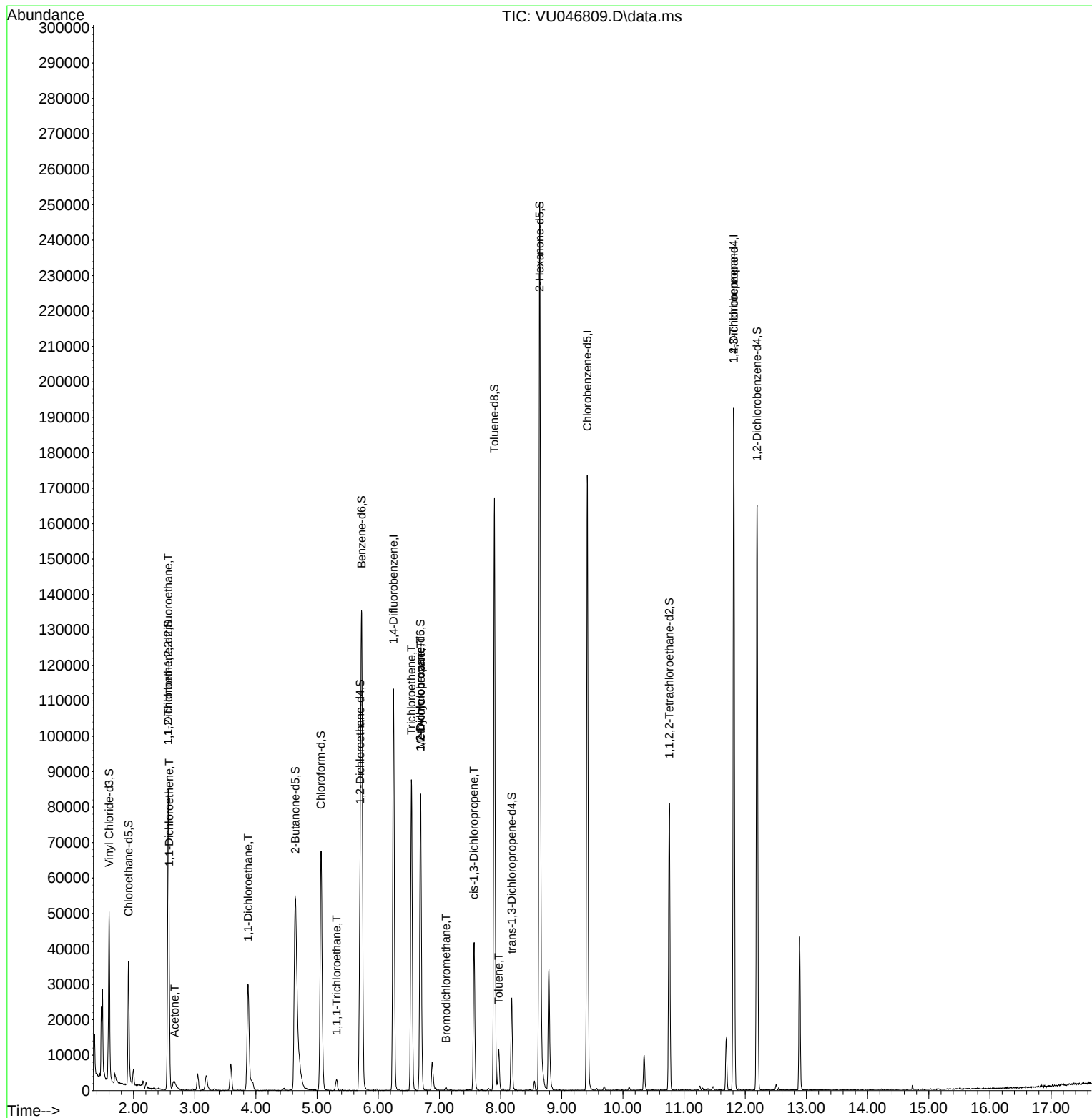
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	95195	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	100582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52349	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34149	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.916	69	28805	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.568	65	14406	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.645	46	115138	48.181	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.360%
24) Chloroform-d	5.063	84	65112	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.703	65	37630	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.729	84	131925	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.690	67	41441	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.899	98	111055	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.182	79	15692	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.639	63	101285	43.884	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39865	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	44645	4.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	385	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	6063	1.141	ug/L #	12
13) Acetone	2.671	43	6215	4.782	ug/L	96
19) 1,1-Dichloroethane	3.874	63	33527	3.469	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	2486	0.274	ug/L	92
34) Trichloroethene	6.542	95	30375	4.940	ug/L	94
35) Methylcyclohexane	6.694	83	9772	0.949	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4165	0.717	ug/L #	88
38) Bromodichloromethane	7.108	83	832	0.100	ug/L #	97
39) cis-1,3-Dichloropropene	7.565	75	1107	0.122	ug/L #	55
42) Toluene	7.970	91	8800	0.311	ug/L	99
61) 1,2,3-Trichloropropane	11.812	75	6066	1.368	ug/L #	64

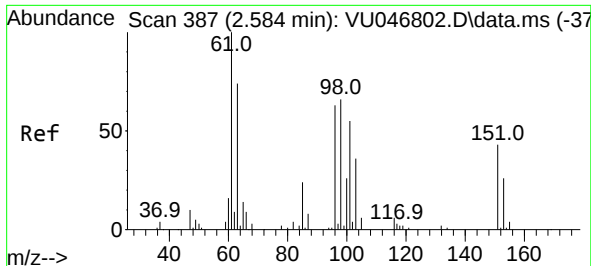
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

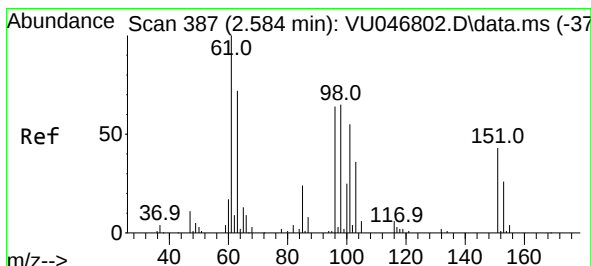
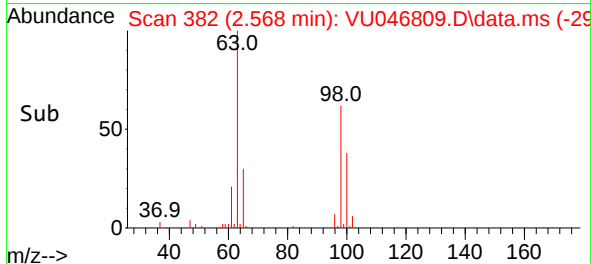
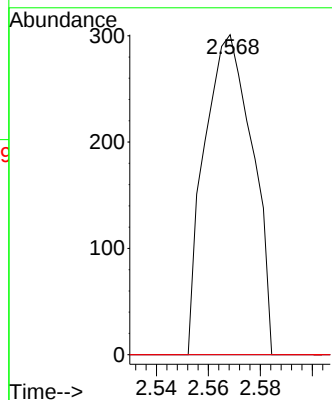
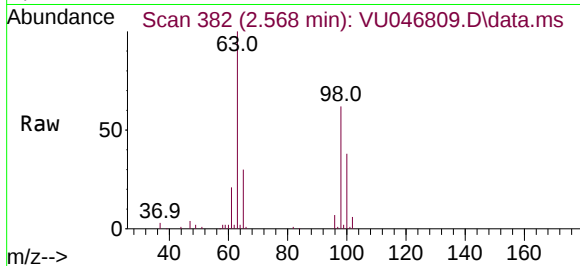




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU046809.D
 Acq: 20 Jan 2022 14:26

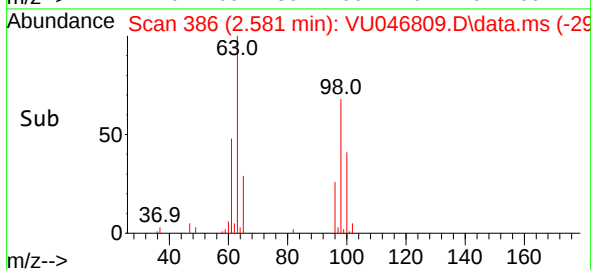
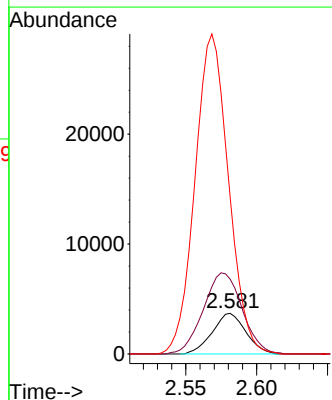
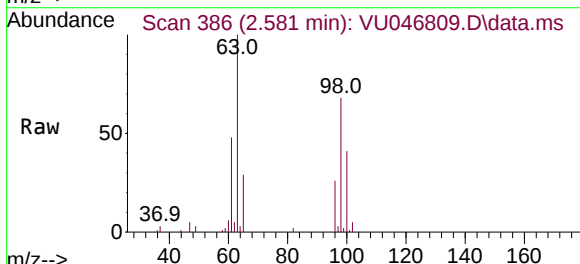
Instrument :
 MSVOA_U
 ClientSampleId :

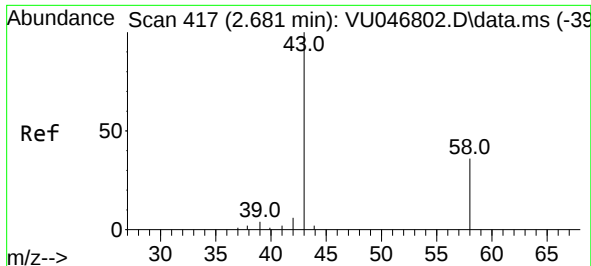
Tgt Ion:101 Resp: 385
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 1.141 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.007 min
 Lab File: VU046809.D
 Acq: 20 Jan 2022 14:26

Tgt Ion: 96 Resp: 6063
 Ion Ratio Lower Upper
 96 100
 61 184.3 124.7 231.5
 63 386.9 105.2 195.4#





#13

Acetone

Concen: 4.782 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.019 min

Lab File: VU046809.D

Acq: 20 Jan 2022 14:26

Instrument :

MSVOA_U

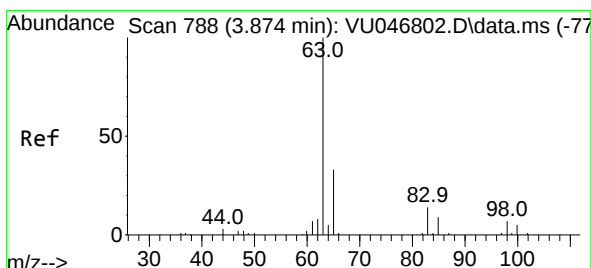
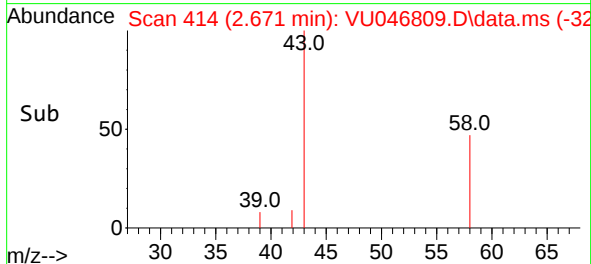
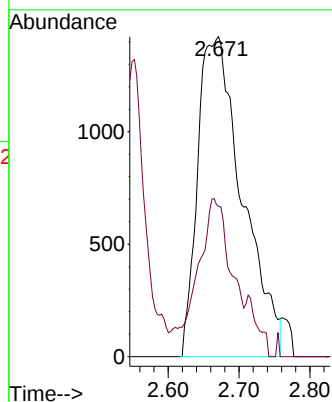
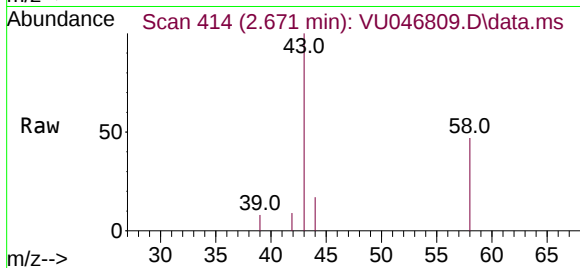
ClientSampleId :

Tgt Ion: 43 Resp: 6215

Ion Ratio Lower Upper

43 100

58 37.9 0.0 71.6



#19

1,1-Dichloroethane

Concen: 3.469 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046809.D

Acq: 20 Jan 2022 14:26

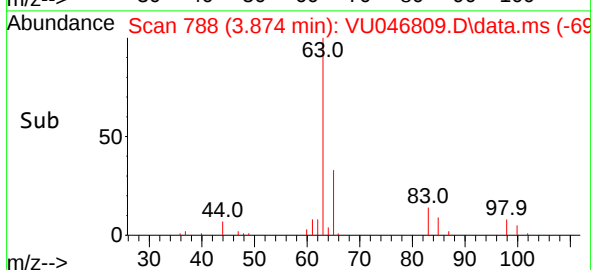
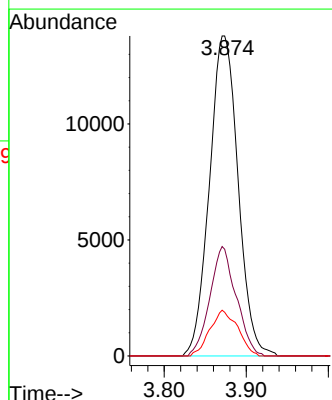
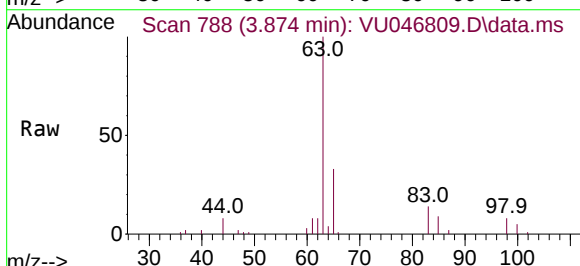
Tgt Ion: 63 Resp: 33527

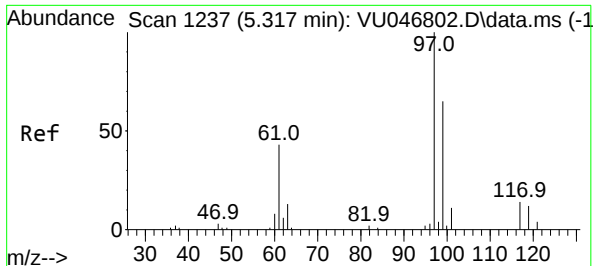
Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.5

83 13.6 9.6 17.8





#29

1,1,1-Trichloroethane

Concen: 0.274 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU046809.D

Acq: 20 Jan 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

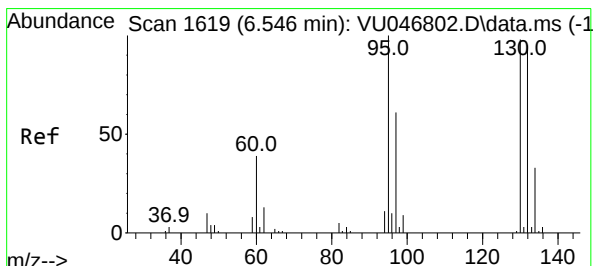
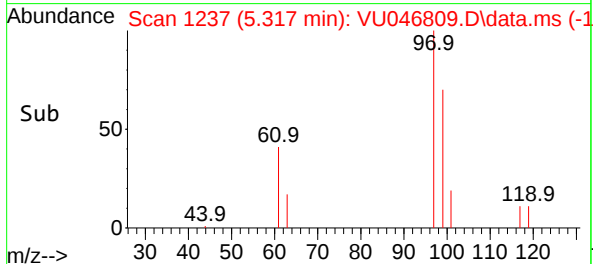
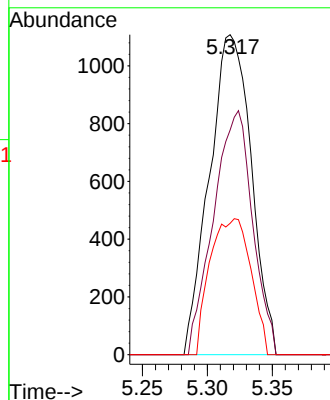
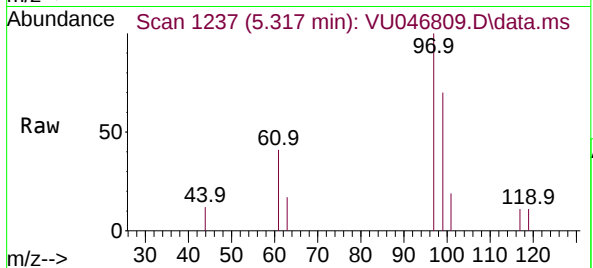
Tgt Ion: 97 Resp: 2486

Ion Ratio Lower Upper

97 100

99 71.2 51.3 76.9

61 41.5 36.1 54.1



#34

Trichloroethene

Concen: 4.940 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046809.D

Acq: 20 Jan 2022 14:26

Tgt Ion: 95 Resp: 30375

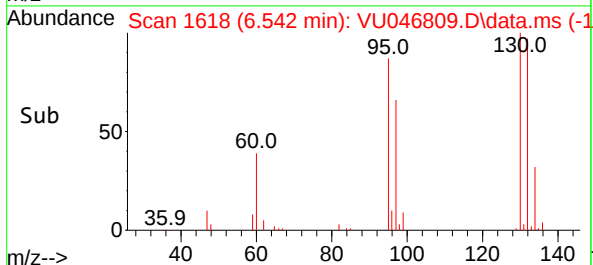
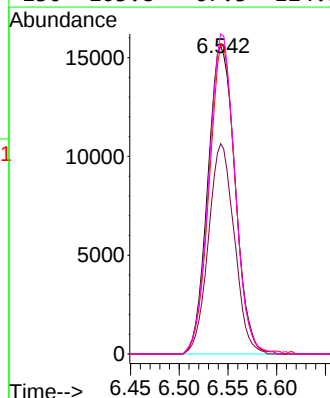
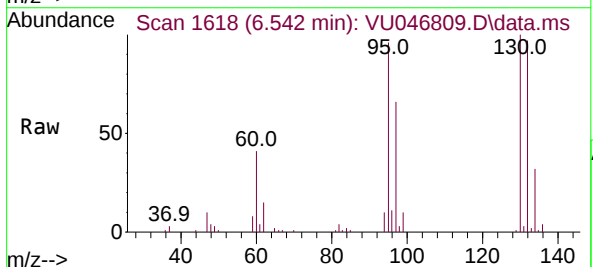
Ion Ratio Lower Upper

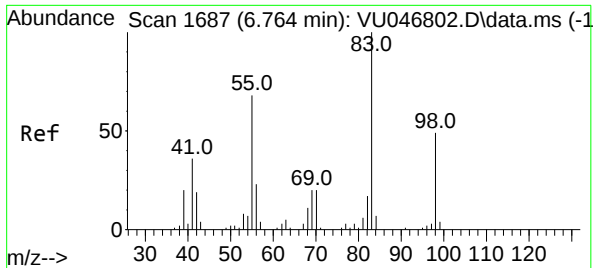
95 100

97 68.2 46.5 86.5

132 100.7 65.1 120.9

130 103.8 67.3 124.9

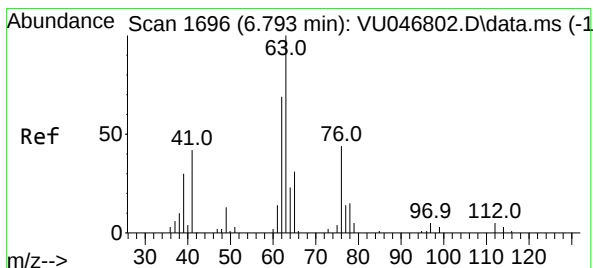
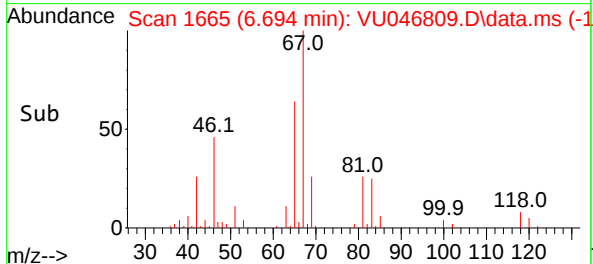
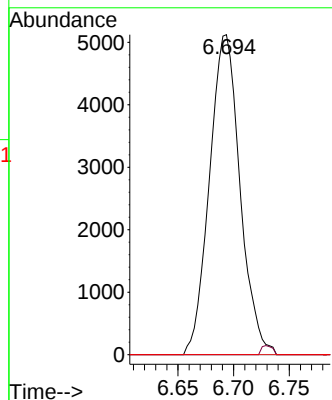
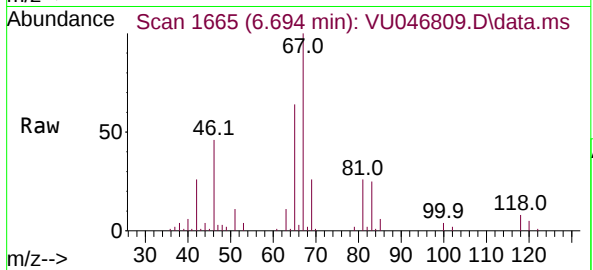




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046809.D
Acq: 20 Jan 2022 14:26

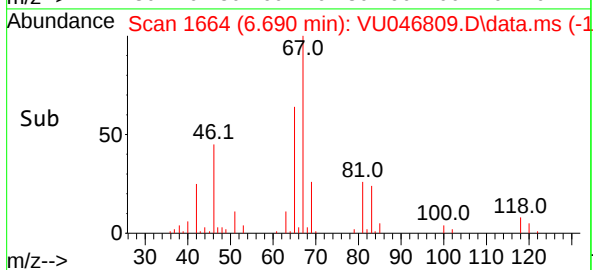
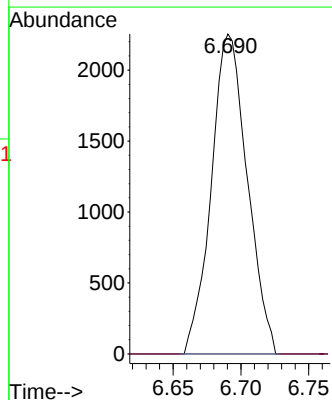
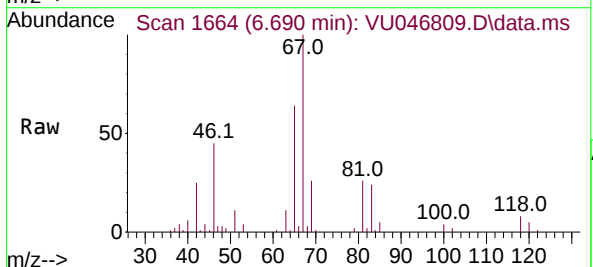
Instrument :
MSVOA_U
ClientSampleId :

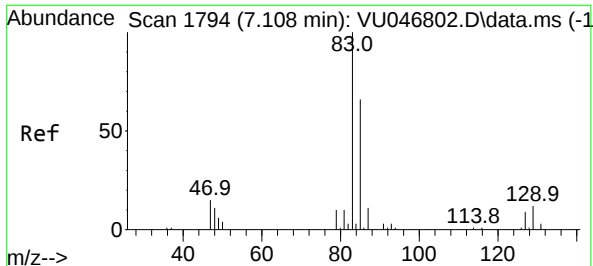
Tgt Ion: 83 Resp: 9772
Ion Ratio Lower Upper
83 100
55 1.0 61.9 92.9#
98 0.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046809.D
Acq: 20 Jan 2022 14:26

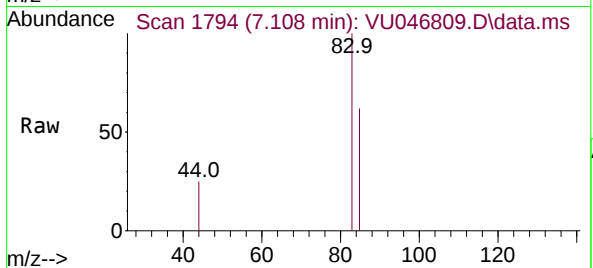
Tgt Ion: 63 Resp: 4165
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



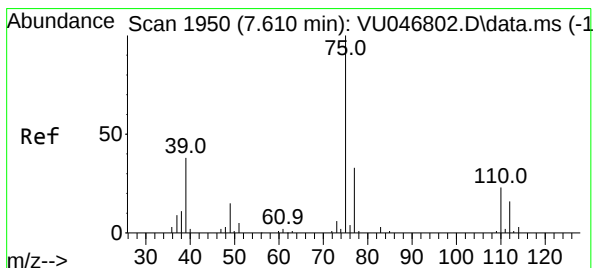
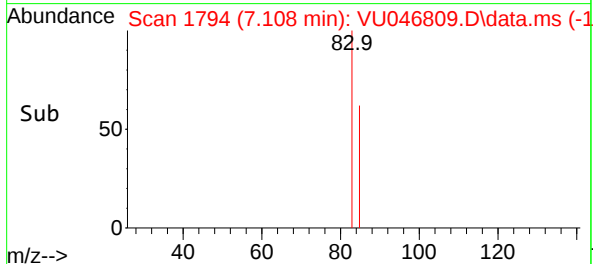
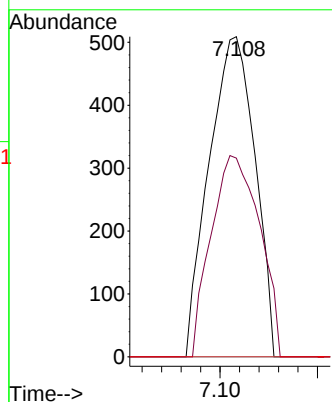


#38
Bromodichloromethane
Concen: 0.100 ug/L
RT: 7.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046809.D
Acq: 20 Jan 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :

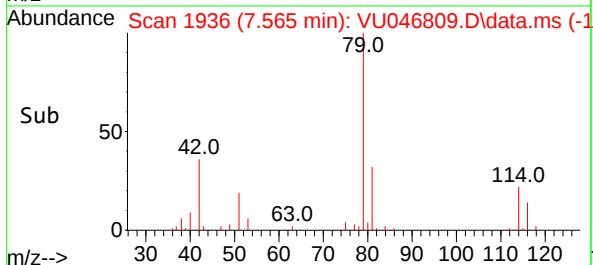
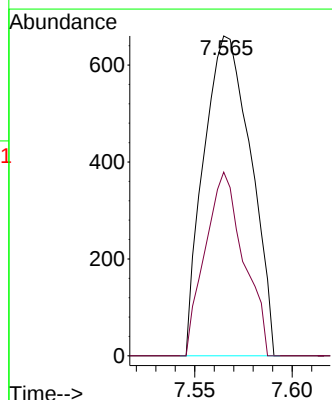
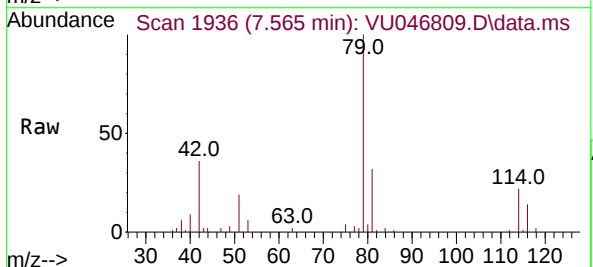


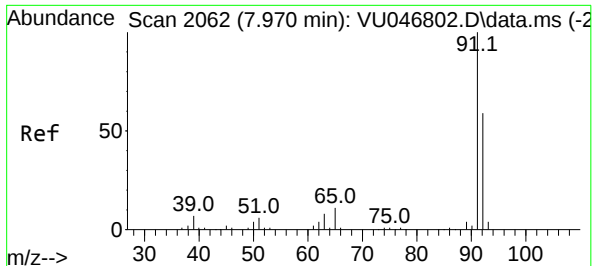
Tgt Ion: 83 Resp: 832
Ion Ratio Lower Upper
83 100
85 62.1 44.0 81.8
127 0.0 6.3 9.5#



#39
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU046809.D
Acq: 20 Jan 2022 14:26

Tgt Ion: 75 Resp: 1107
Ion Ratio Lower Upper
75 100
77 57.4 22.5 41.9#





#42

Toluene

Concen: 0.311 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046809.D

Acq: 20 Jan 2022 14:26

Instrument :

MSVOA_U

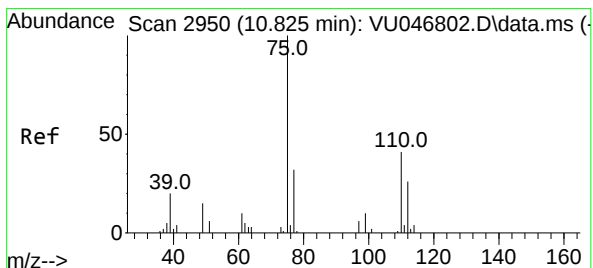
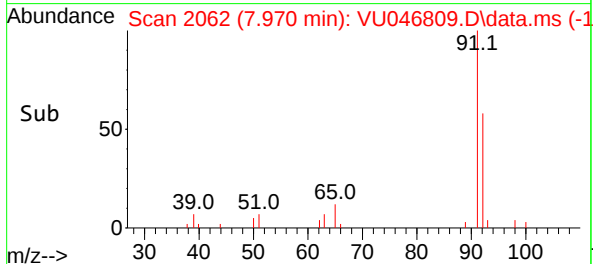
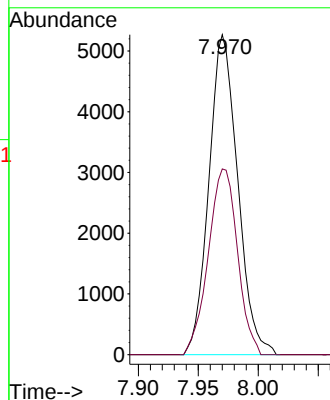
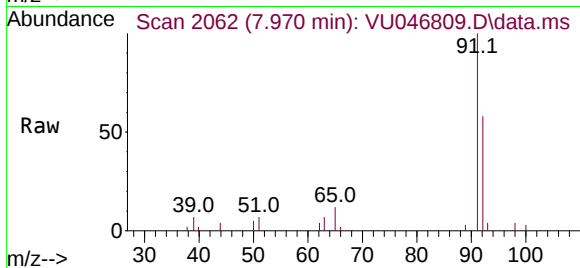
ClientSampleId :

Tgt Ion: 91 Resp: 8800

Ion Ratio Lower Upper

91 100

92 58.1 41.3 76.7



#61

1,2,3-Trichloropropane

Concen: 1.368 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046809.D

Acq: 20 Jan 2022 14:26

Tgt Ion: 75 Resp: 6066

Ion Ratio Lower Upper

75 100

110 1.7 29.9 44.9#

77 27.8 25.5 38.3

