

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054745.D
 Acq On : 03 Jul 2023 13:35
 Operator : MD/SY
 Sample : 03495-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB3

Quant Time: Jul 05 04:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

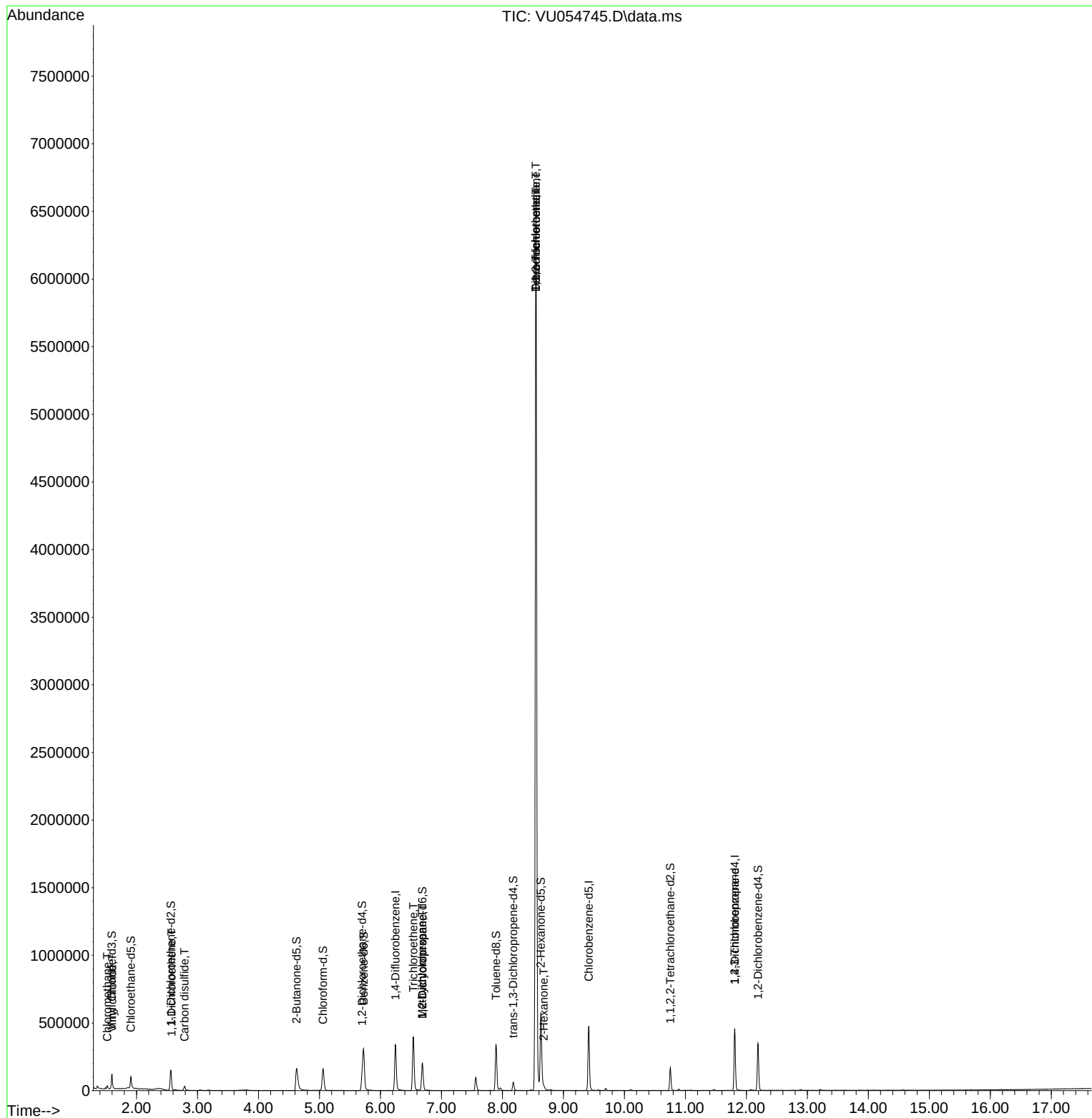
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	120136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70137	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.907	69	67871	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	28848	3.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.624	46	261489	55.103	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.200%
24) Chloroform-d	5.058	84	147615	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.698	65	80233	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.724	84	278995	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.688	67	99525	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.894	98	232768	3.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	35810	4.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	185845	51.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84407	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	89845	4.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	16500	0.580	ug/L	95
5) Vinyl chloride	1.602	62	11506	0.394	ug/L	92
12) 1,1-Dichloroethene	2.576	96	3052	0.159	ug/L #	1
14) Carbon disulfide	2.788	76	40379	0.708	ug/L	100
34) Trichloroethene	6.541	95	138187	5.477	ug/L	97
35) Methylcyclohexane	6.685	83	21992	0.577	ug/L #	17
37) 1,2-Dichloropropane	6.688	63	10632	0.412	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	12340	0.752	ug/L #	1
47) Tetrachloroethene	8.550	164	1463442	75.771	ug/L	99
48) 2-Hexanone	8.679	43	9054	0.883	ug/L #	91
49) Dibromochloromethane	8.550	129	1411464	81.903	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15684	1.292	ug/L #	69

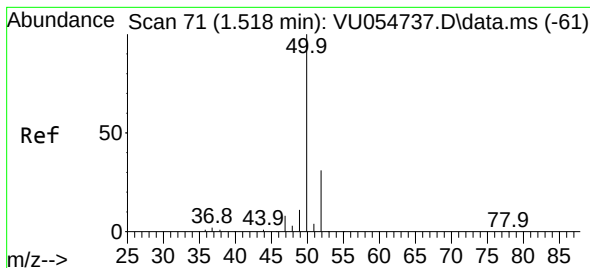
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.580 ug/L

RT: 1.521 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

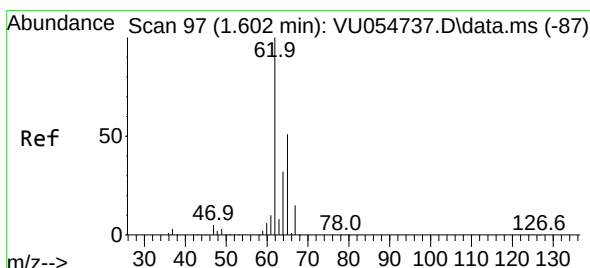
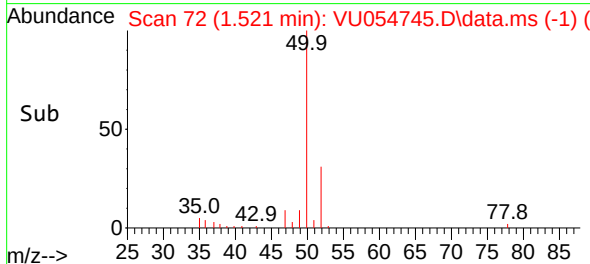
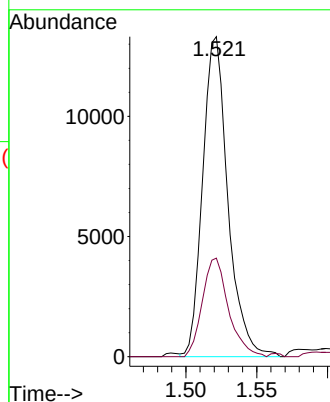
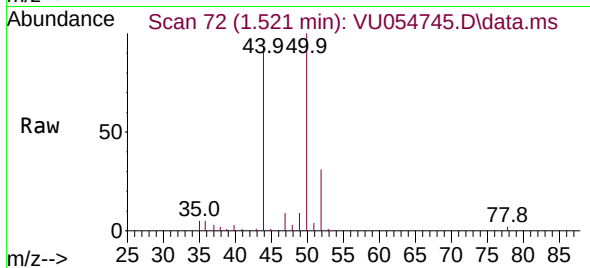
H0FB3

Tgt Ion: 50 Resp: 16500

Ion Ratio Lower Upper

50 100

52 30.8 23.4 43.4



#5

Vinyl chloride

Concen: 0.394 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU054745.D

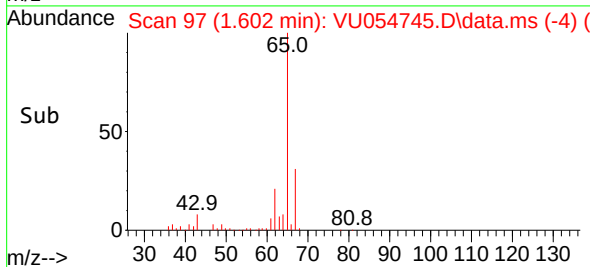
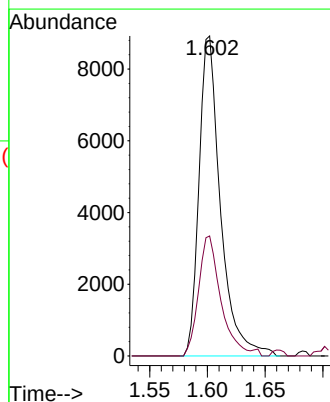
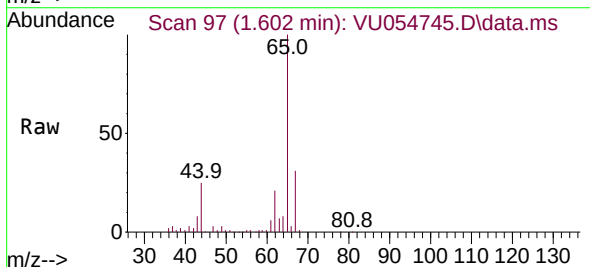
Acq: 03 Jul 2023 13:35

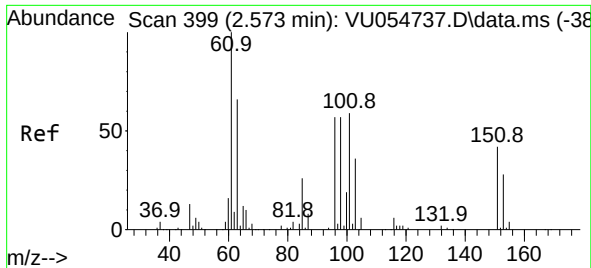
Tgt Ion: 62 Resp: 11506

Ion Ratio Lower Upper

62 100

64 37.5 23.0 42.6





#12

1,1-Dichloroethene

Concen: 0.159 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

H0FB3

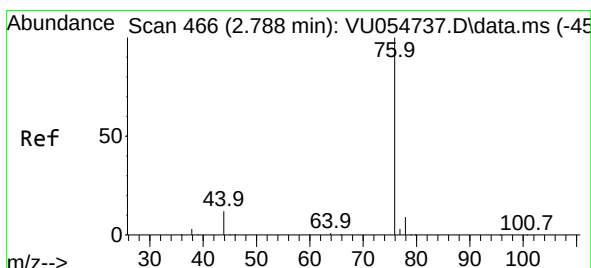
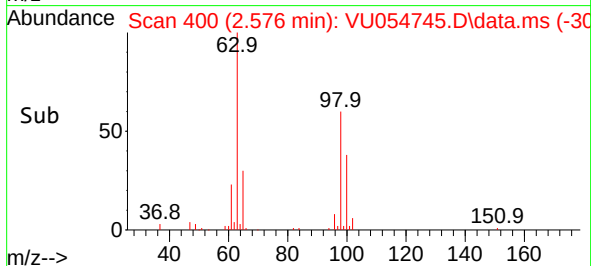
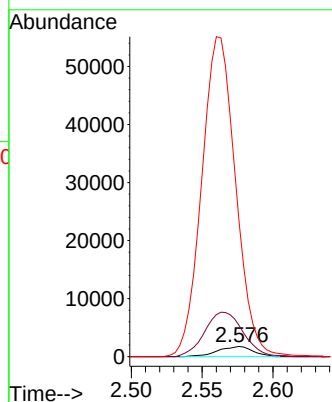
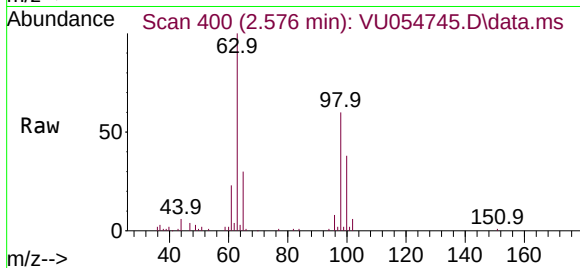
Tgt Ion: 96 Resp: 3052

Ion Ratio Lower Upper

96 100

61 305.1 119.9 222.7#

63 1320.2 64.3 119.3#



#14

Carbon disulfide

Concen: 0.708 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054745.D

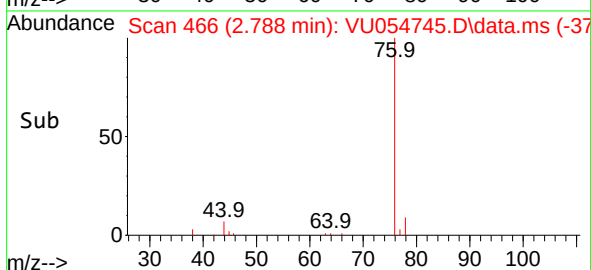
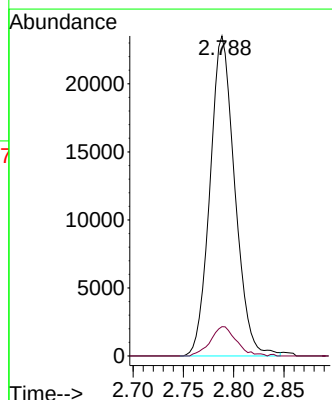
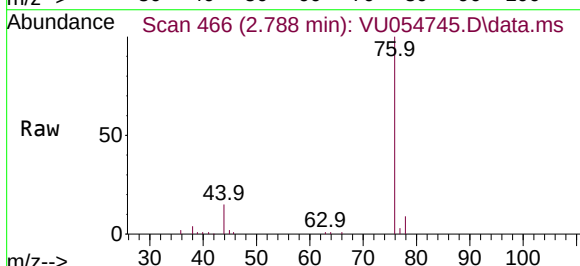
Acq: 03 Jul 2023 13:35

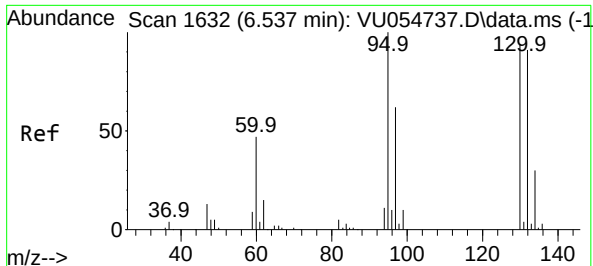
Tgt Ion: 76 Resp: 40379

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

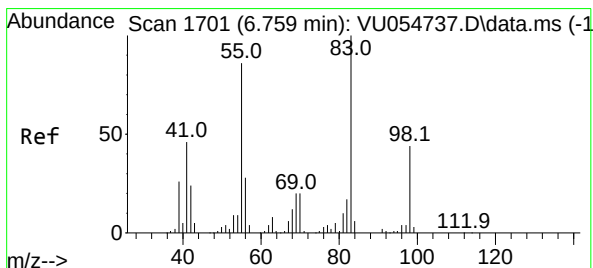
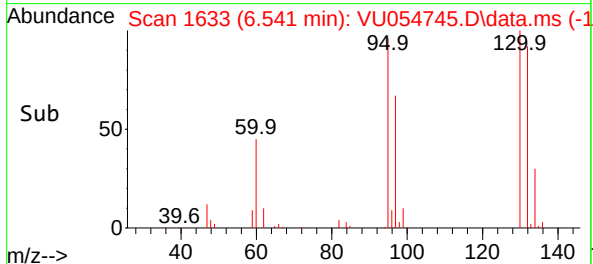
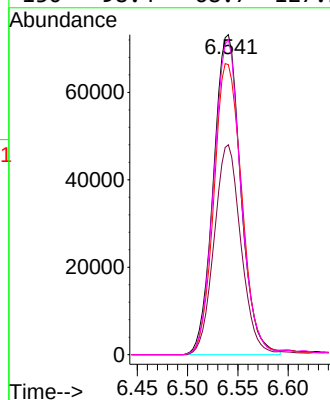
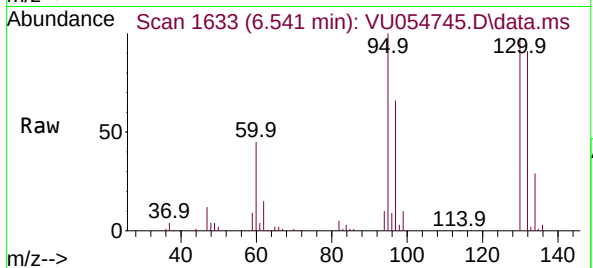




#34
Trichloroethene
Concen: 5.477 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054745.D
Acq: 03 Jul 2023 13:35

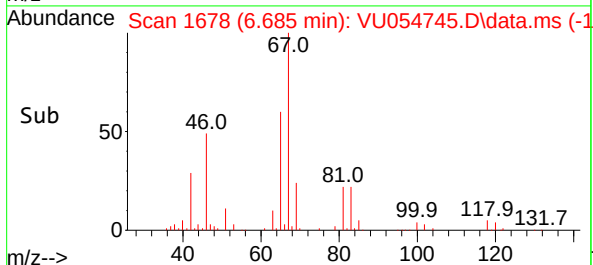
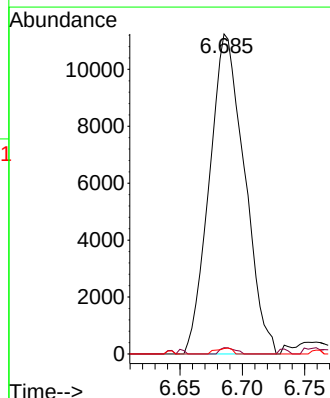
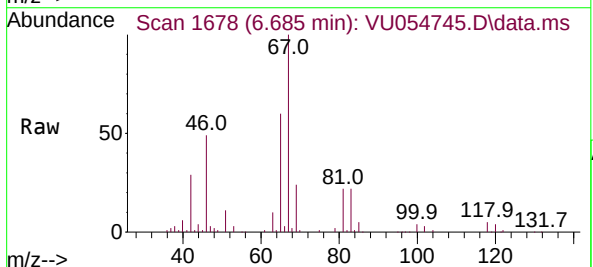
Instrument :
MSVOA_U
ClientSampleId :
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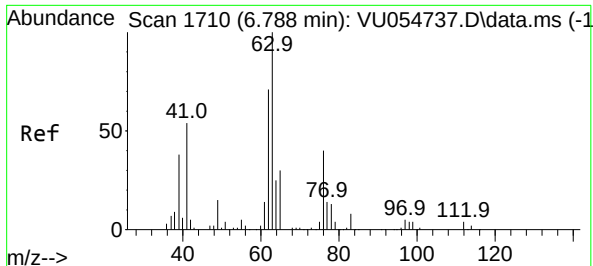
Tgt Ion: 95 Resp: 138187
Ion Ratio Lower Upper
95 100
97 65.6 46.8 87.0
132 90.7 68.4 127.0
130 98.4 68.7 127.5



#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054745.D
Acq: 03 Jul 2023 13:35

Tgt Ion: 83 Resp: 21992
Ion Ratio Lower Upper
83 100
55 0.9 67.1 100.7#
98 0.9 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.412 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

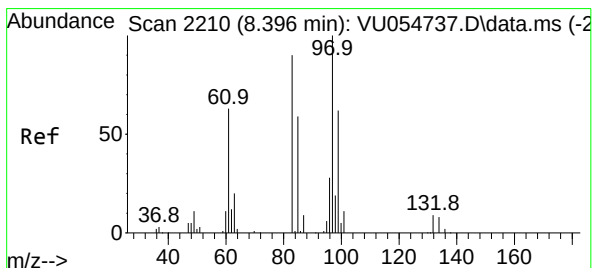
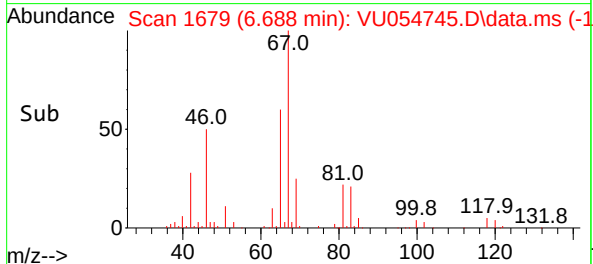
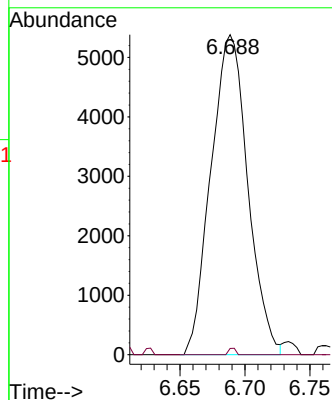
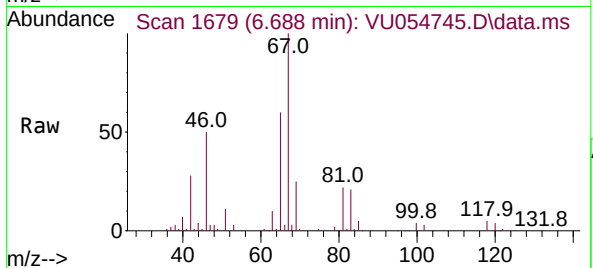
H0FB3

Tgt Ion: 63 Resp: 10632

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



#45

1,1,2-Trichloroethane

Concen: 0.752 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.151 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Tgt Ion: 97 Resp: 12340

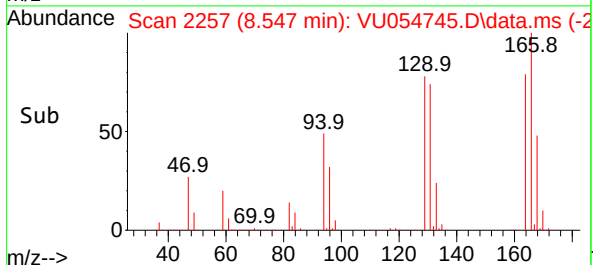
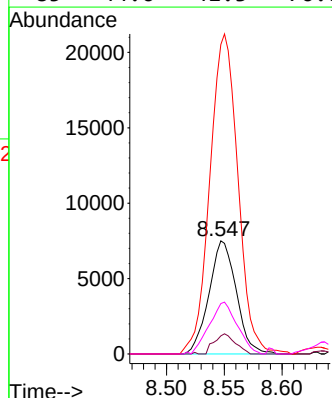
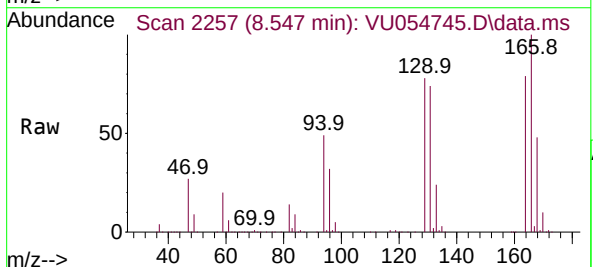
Ion Ratio Lower Upper

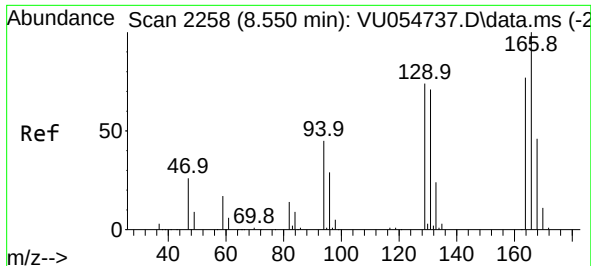
97 100

99 16.0 43.0 80.0#

83 273.6 63.8 118.6#

85 44.6 41.3 76.7





#47

Tetrachloroethene

Concen: 75.771 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054745.D

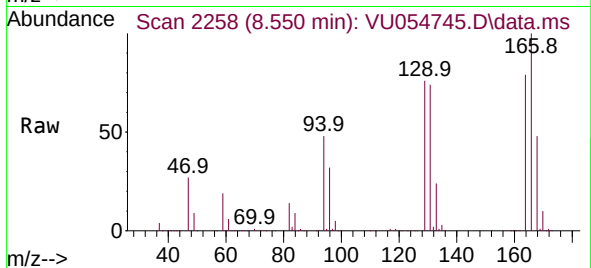
Acq: 03 Jul 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

H0FB3



Tgt Ion:164 Resp: 1463442

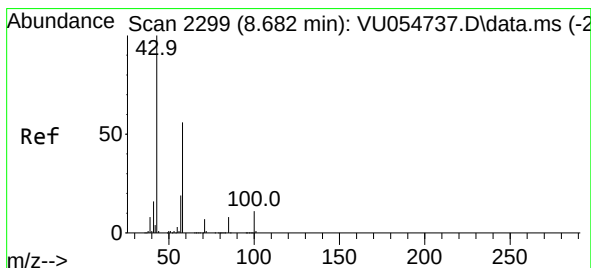
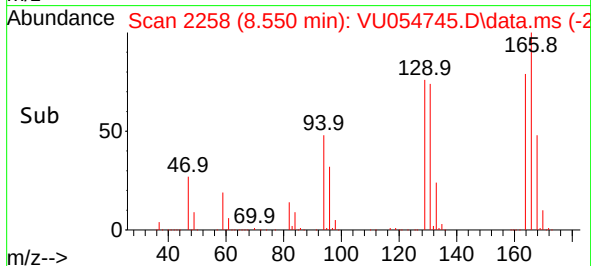
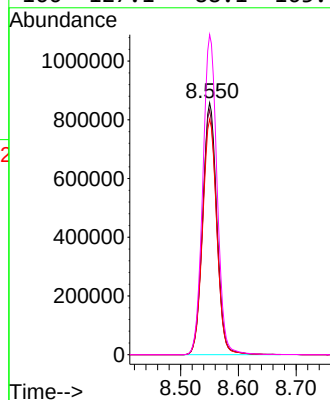
Ion Ratio Lower Upper

164 100

129 97.2 67.7 125.7

131 93.5 64.6 120.0

166 127.1 88.1 163.7



#48

2-Hexanone

Concen: 0.883 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Tgt Ion: 43 Resp: 9054

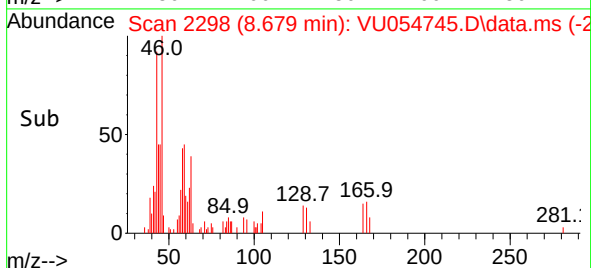
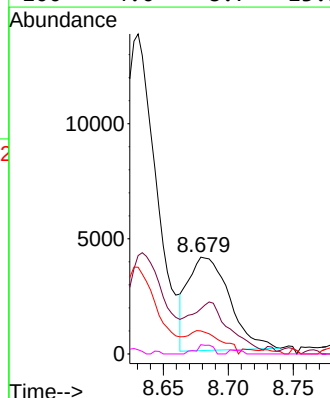
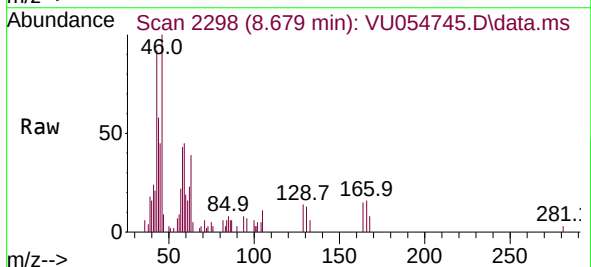
Ion Ratio Lower Upper

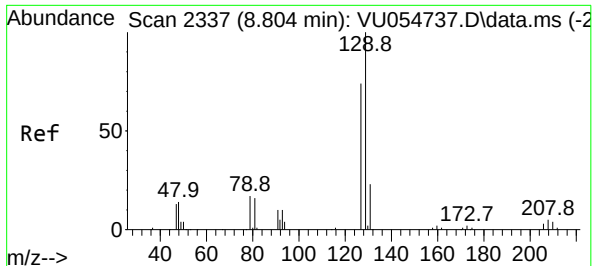
43 100

58 49.9 45.2 67.8

57 18.8 15.8 23.6

100 4.0 8.7 13.1#





#49

Dibromochloromethane

Concen: 81.903 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU054745.D

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Instrument :

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ClientSampleId :

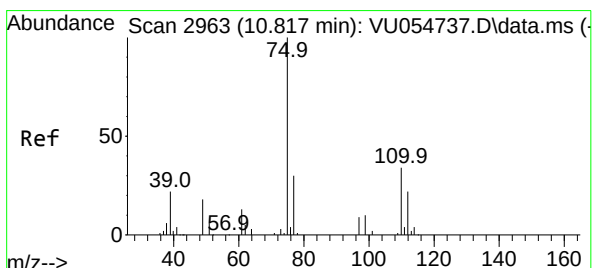
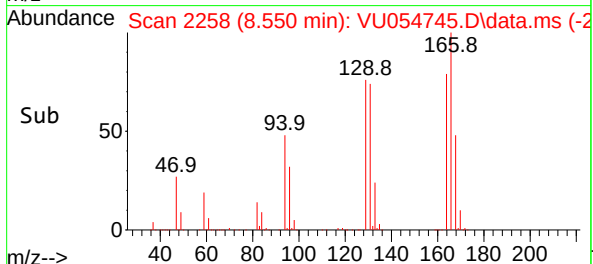
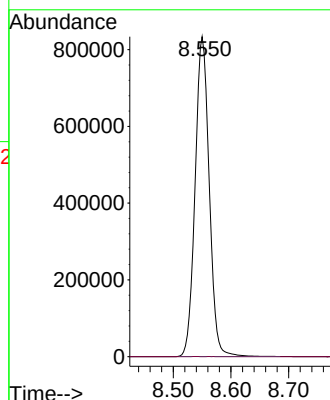
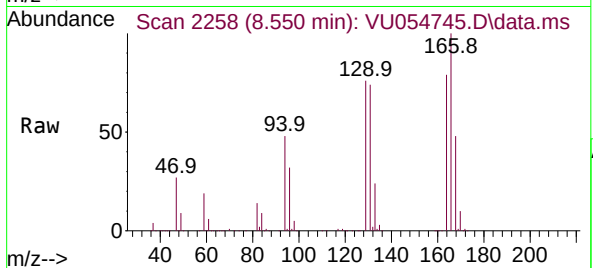
H0FB3

Tgt Ion:129 Resp: 1411464

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054745.D

Acq: 03 Jul 2023 13:35

Tgt Ion: 75 Resp: 15684

Ion Ratio Lower Upper

75 100

110 1.7 28.0 42.0#

77 32.8 25.4 38.2

