

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053888.D
 Acq On : 25 Apr 2023 16:50
 Operator : JC/MD
 Sample : 02392-15DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE35DL

Quant Time: Apr 26 05:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

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

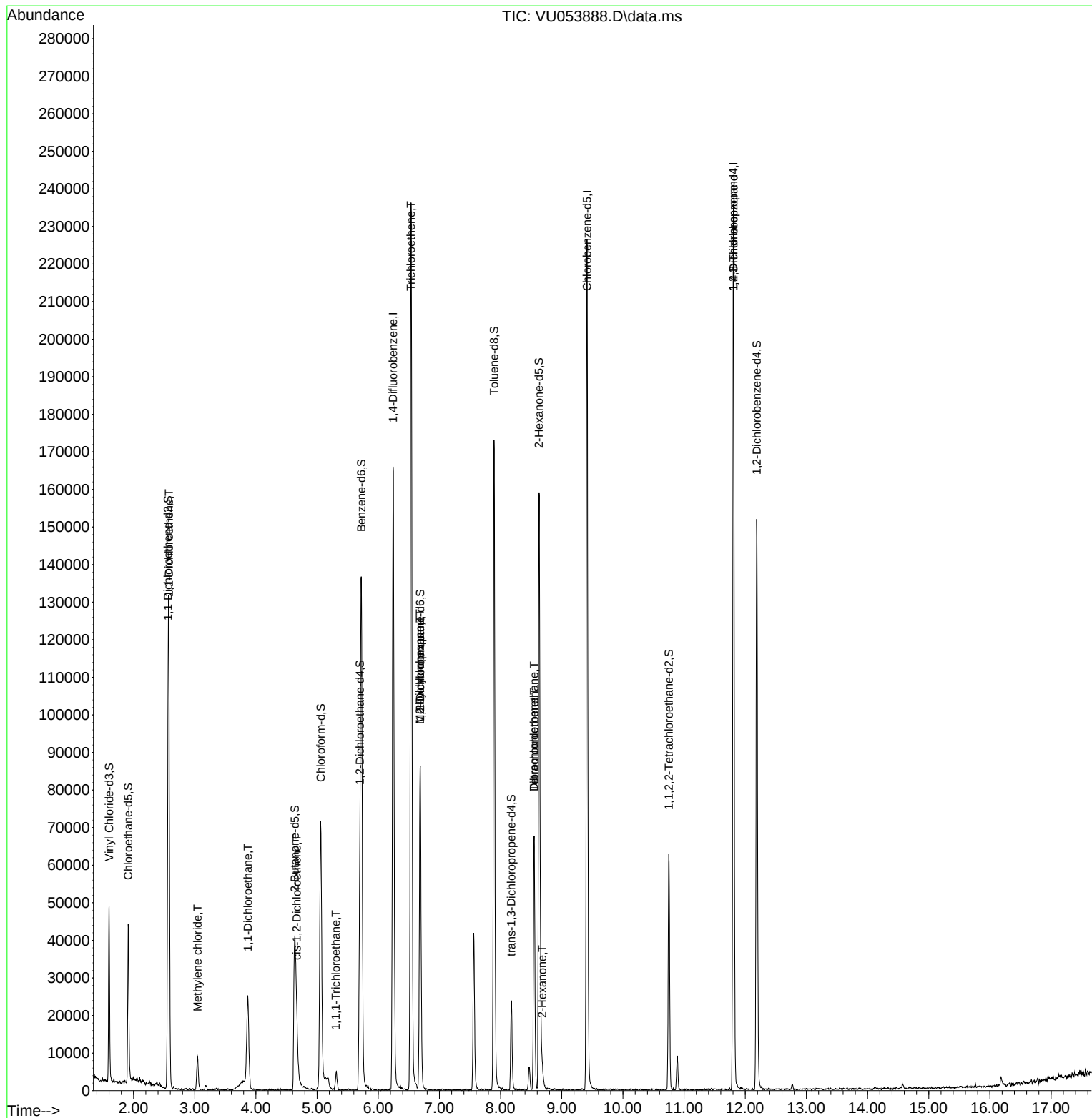
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	144164	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36032	4.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.912	69	30824	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.565	65	14799	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.636	46	71286	44.324	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.640%
24) Chloroform-d	5.060	84	68264	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.700	65	33155	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.723	84	135488	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.687	67	44133	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.893	98	123496	4.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.176	79	14832	3.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.629	63	59274	43.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31313	3.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	43862	4.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	27679	3.052	ug/L #	83
16) Methylene chloride	3.044	84	4549	0.368	ug/L	96
19) 1,1-Dichloroethane	3.867	63	26747	1.613	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	5140	0.497	ug/L	87
29) 1,1,1-Trichloroethane	5.308	97	3137	0.204	ug/L	97
34) Trichloroethene	6.536	95	80665	7.684	ug/L	99
35) Methylcyclohexane	6.684	83	9979	0.615	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	4465	0.467	ug/L #	87
47) Tetrachloroethene	8.549	164	15513	1.864	ug/L	94
48) 2-Hexanone	8.684	43	2234	0.682	ug/L #	74
49) Dibromochloromethane	8.549	129	14988	1.976	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	8020	1.564	ug/L #	63

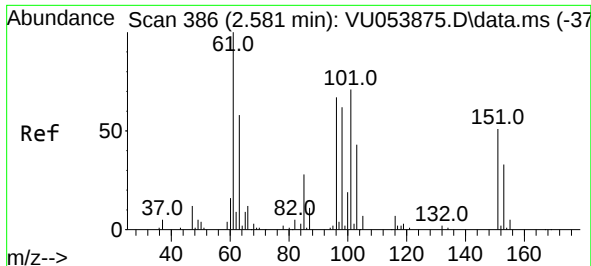
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.052 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

Instrument :

MSVOA_U

ClientSampleId :

BHE35DL

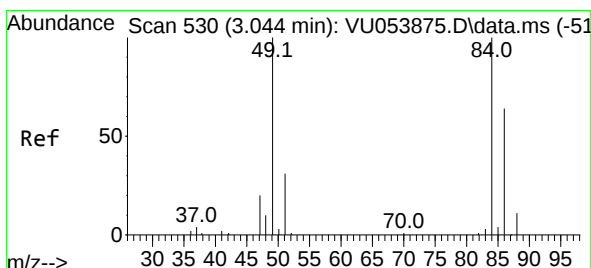
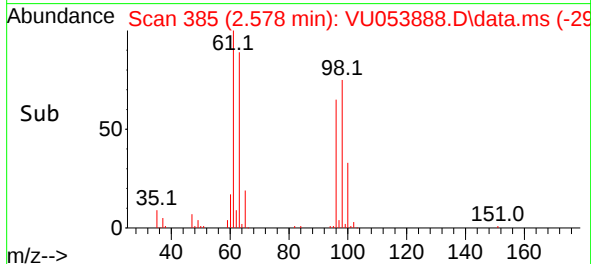
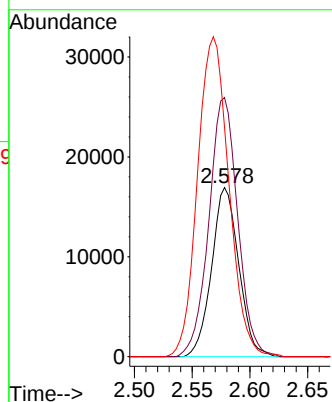
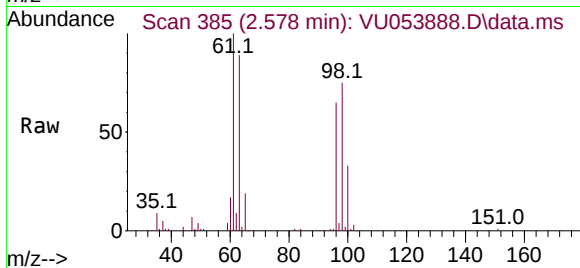
Tgt Ion: 96 Resp: 27679

Ion Ratio Lower Upper

96 100

61 153.3 111.5 207.1

63 135.8 68.7 127.7#



#16

Methylene chloride

Concen: 0.368 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

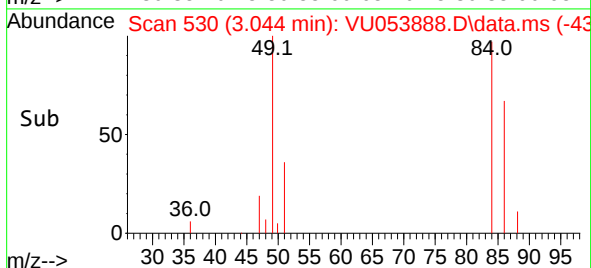
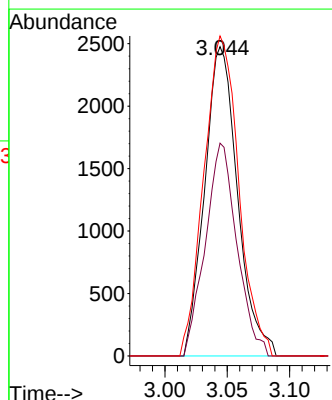
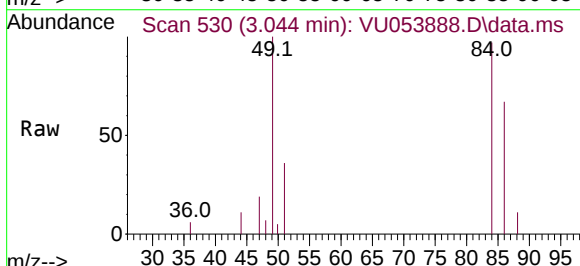
Tgt Ion: 84 Resp: 4549

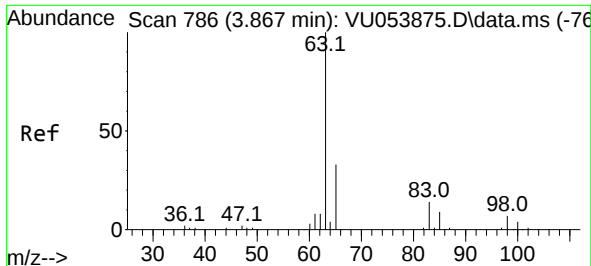
Ion Ratio Lower Upper

84 100

86 68.8 45.0 83.6

49 103.5 74.8 138.8

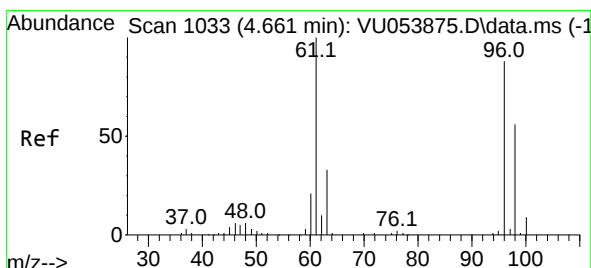
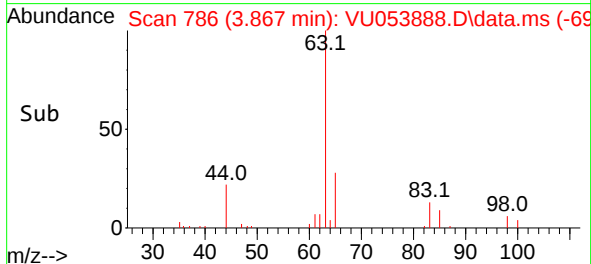
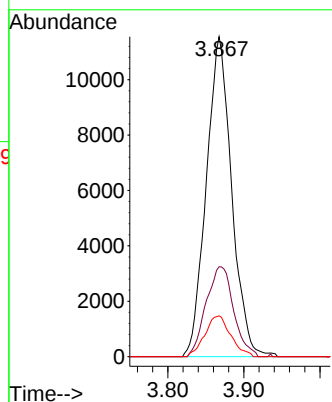
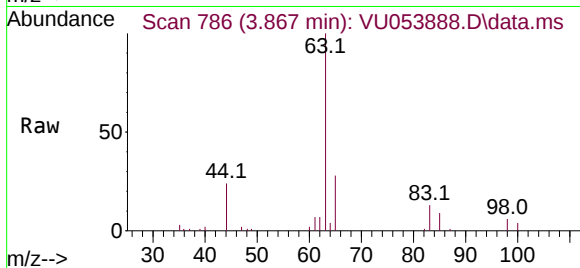




#19
1,1-Dichloroethane
Concen: 1.613 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053888.D
Acq: 25 Apr 2023 16:50

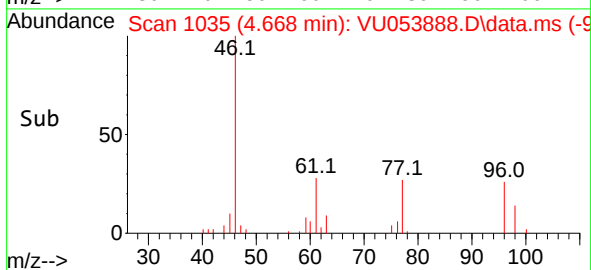
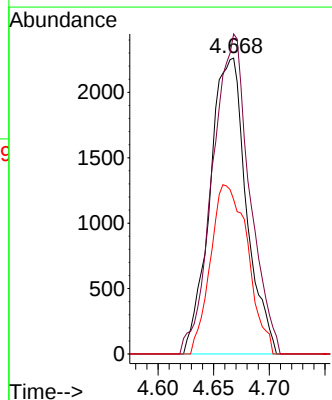
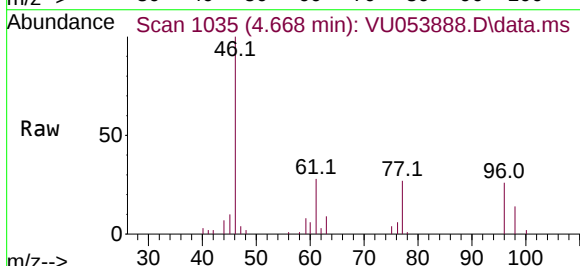
Instrument :
MSVOA_U
ClientSampleId :
BHE35DL

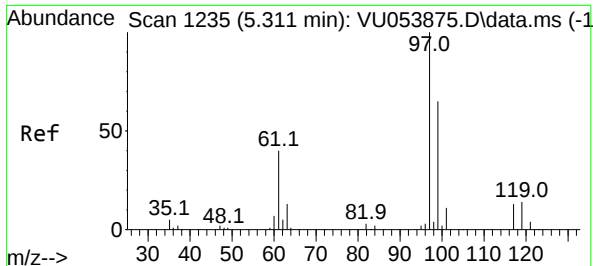
Tgt Ion:	63	Resp:	26747
Ion	Ratio	Lower	Upper
63	100		
65	28.1	22.0	40.8
83	12.7	10.3	19.1



#22
cis-1,2-Dichloroethene
Concen: 0.497 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VU053888.D
Acq: 25 Apr 2023 16:50

Tgt Ion:	96	Resp:	5140
Ion	Ratio	Lower	Upper
96	100		
61	108.1	84.3	156.5
98	52.2	46.4	86.2



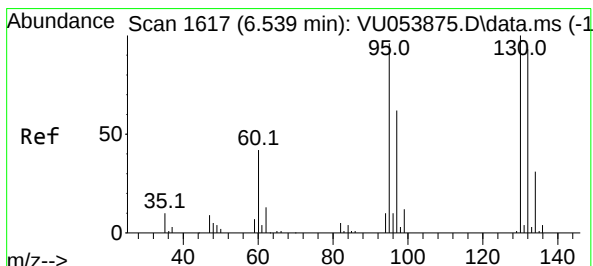
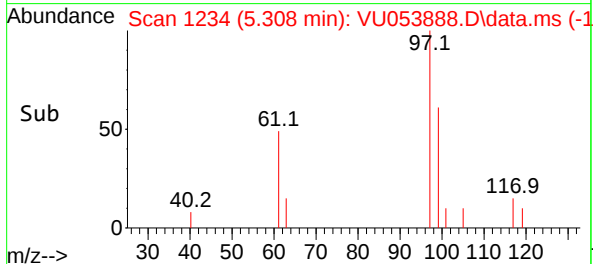
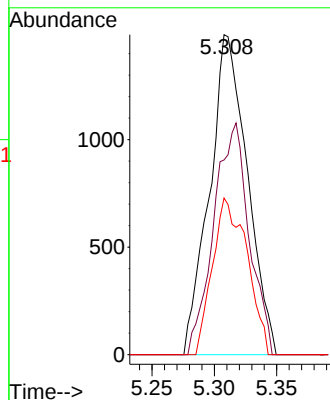
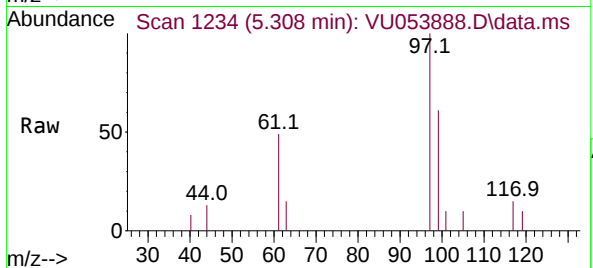


#29
1,1,1-Trichloroethane
Concen: 0.204 ug/L
RT: 5.308 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053888.D
Acq: 25 Apr 2023 16:50

Instrument :
MSVOA_U
ClientSampleId :
BHE35DL

Tgt Ion: 97 Resp: 3137

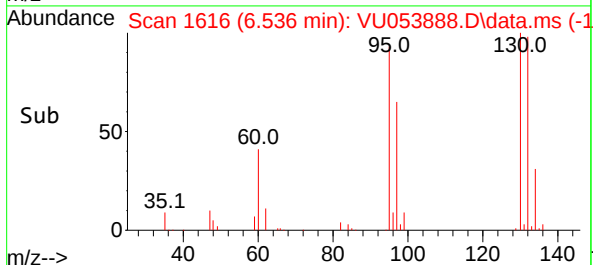
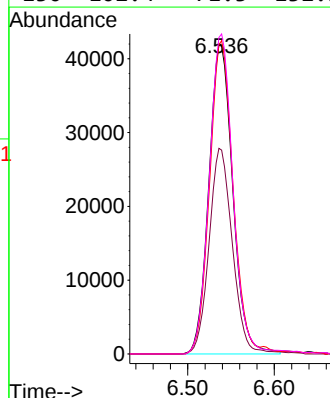
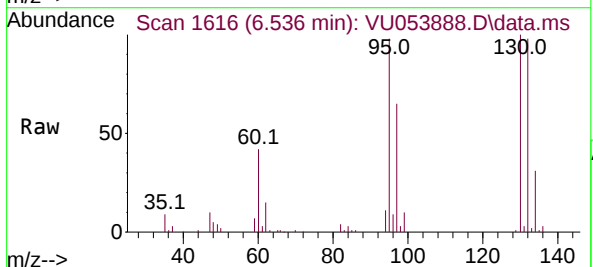
Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.9	79.3
61	44.8	33.8	50.8

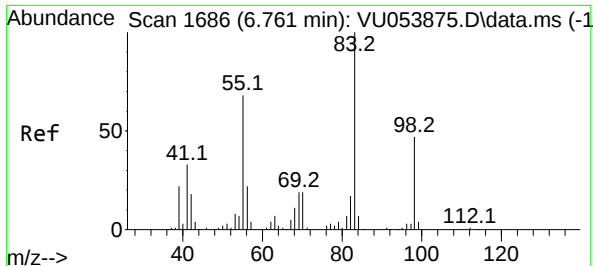


#34
Trichloroethene
Concen: 7.684 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053888.D
Acq: 25 Apr 2023 16:50

Tgt Ion: 95 Resp: 80665

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.1	83.9
132	100.1	69.9	129.9
130	102.4	71.3	132.3





#35

Methylcyclohexane

Concen: 0.615 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

Instrument :

MSVOA_U

ClientSampleId :

BHE35DL

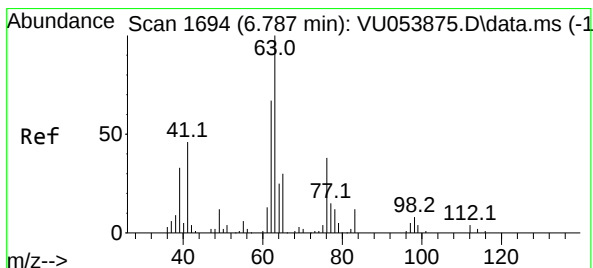
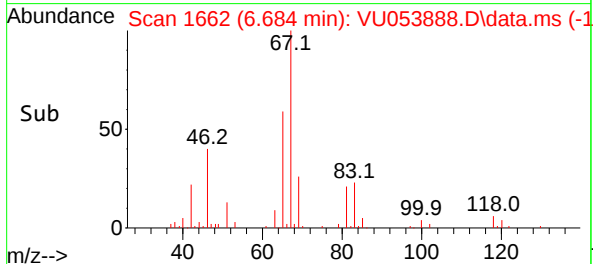
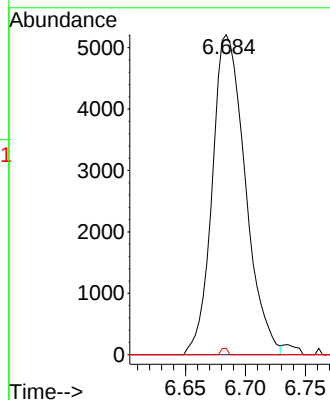
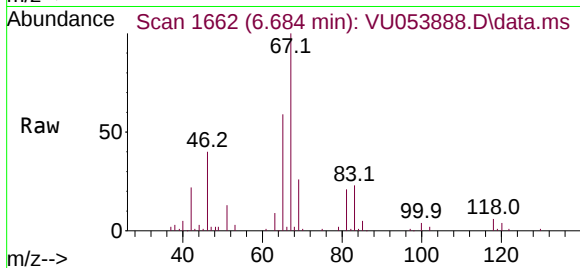
Tgt Ion: 83 Resp: 9979

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053888.D

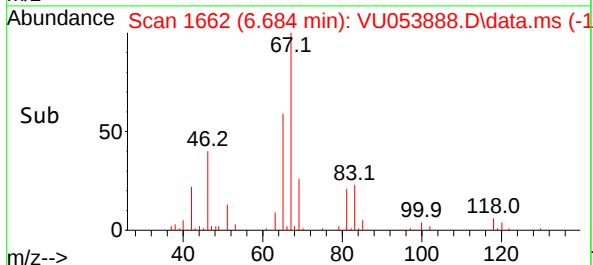
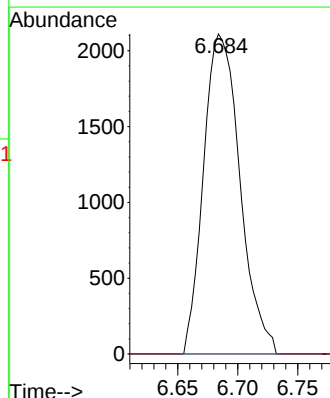
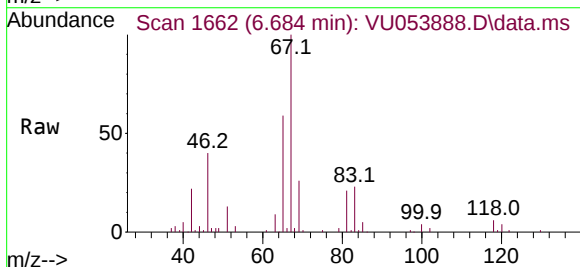
Acq: 25 Apr 2023 16:50

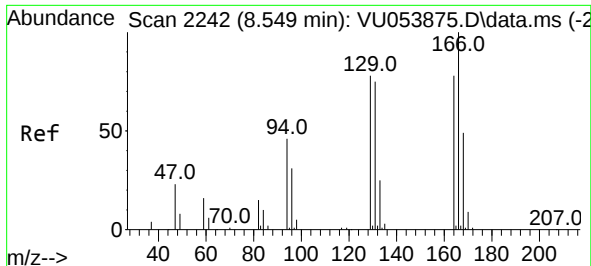
Tgt Ion: 63 Resp: 4465

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#47

Tetrachloroethene

Concen: 1.864 ug/L

RT: 8.549 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

Instrument :

MSVOA_U

ClientSampleId :

BHE35DL

Tgt Ion:164 Resp: 15513

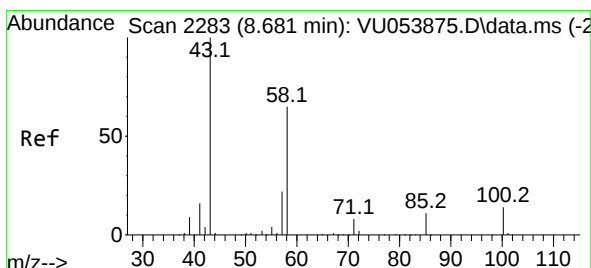
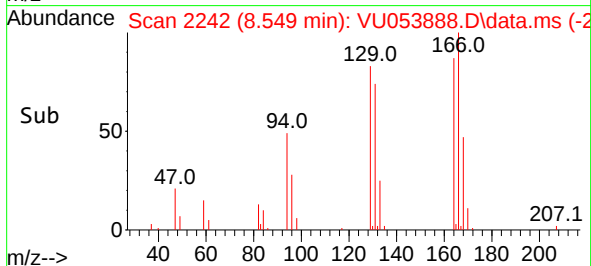
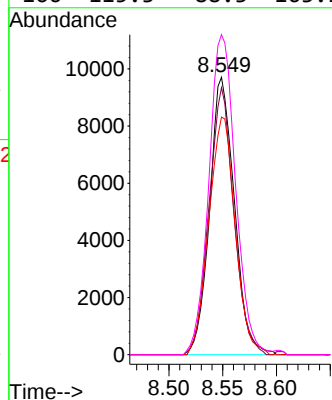
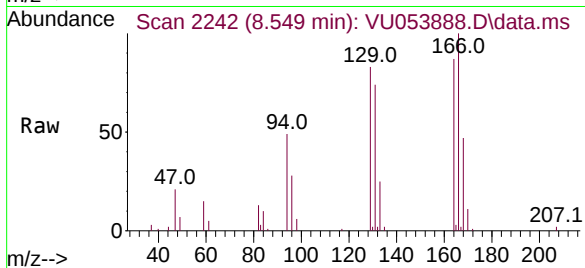
Ion Ratio Lower Upper

164 100

129 96.2 68.3 126.8

131 85.6 64.4 119.6

166 115.3 88.3 163.9



#48

2-Hexanone

Concen: 0.682 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.003 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

Tgt Ion: 43 Resp: 2234

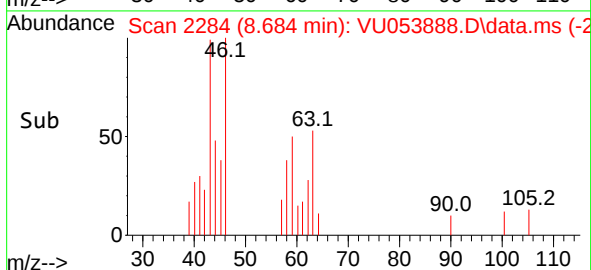
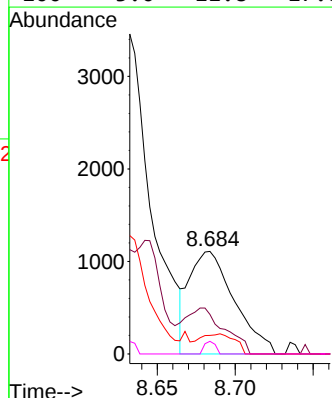
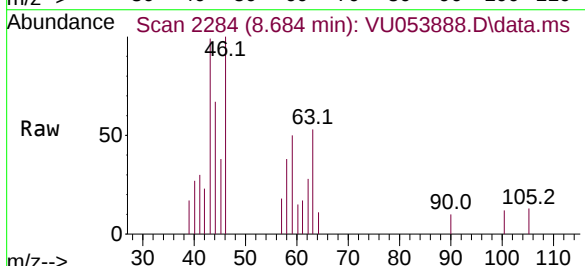
Ion Ratio Lower Upper

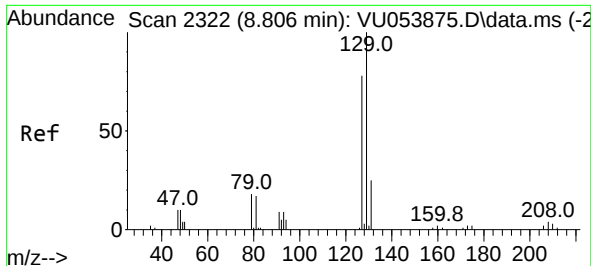
43 100

58 40.0 49.8 74.6#

57 14.2 16.9 25.3#

100 3.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 1.976 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

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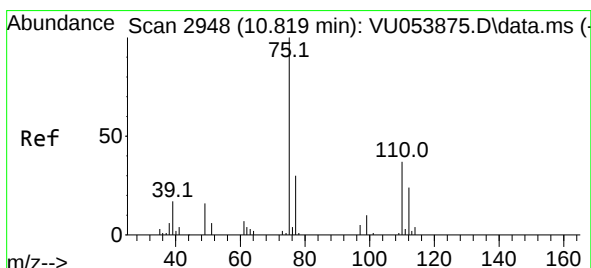
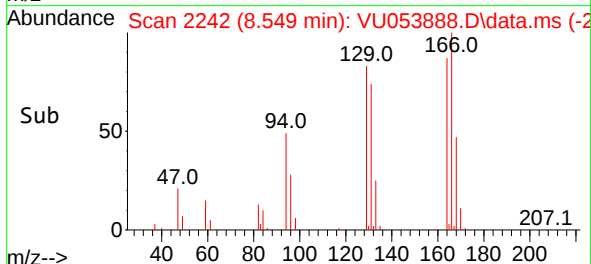
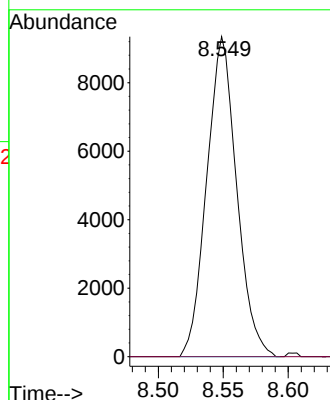
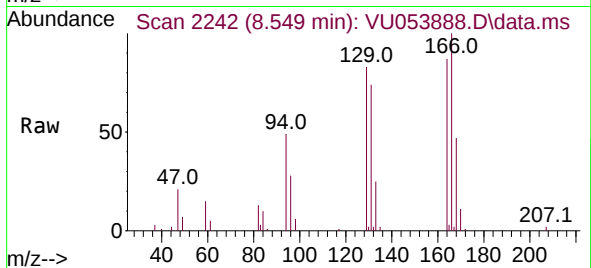
BHE35DL

Tgt Ion:129 Resp: 14988

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.564 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053888.D

Acq: 25 Apr 2023 16:50

Tgt Ion: 75 Resp: 8020

Ion Ratio Lower Upper

75 100

110 0.6 30.7 46.1#

77 28.2 26.2 39.4

