

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053952.D
 Acq On : 27 Apr 2023 22:05
 Operator : JC/MD
 Sample : 02488-20 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE75

Quant Time: Apr 28 07:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

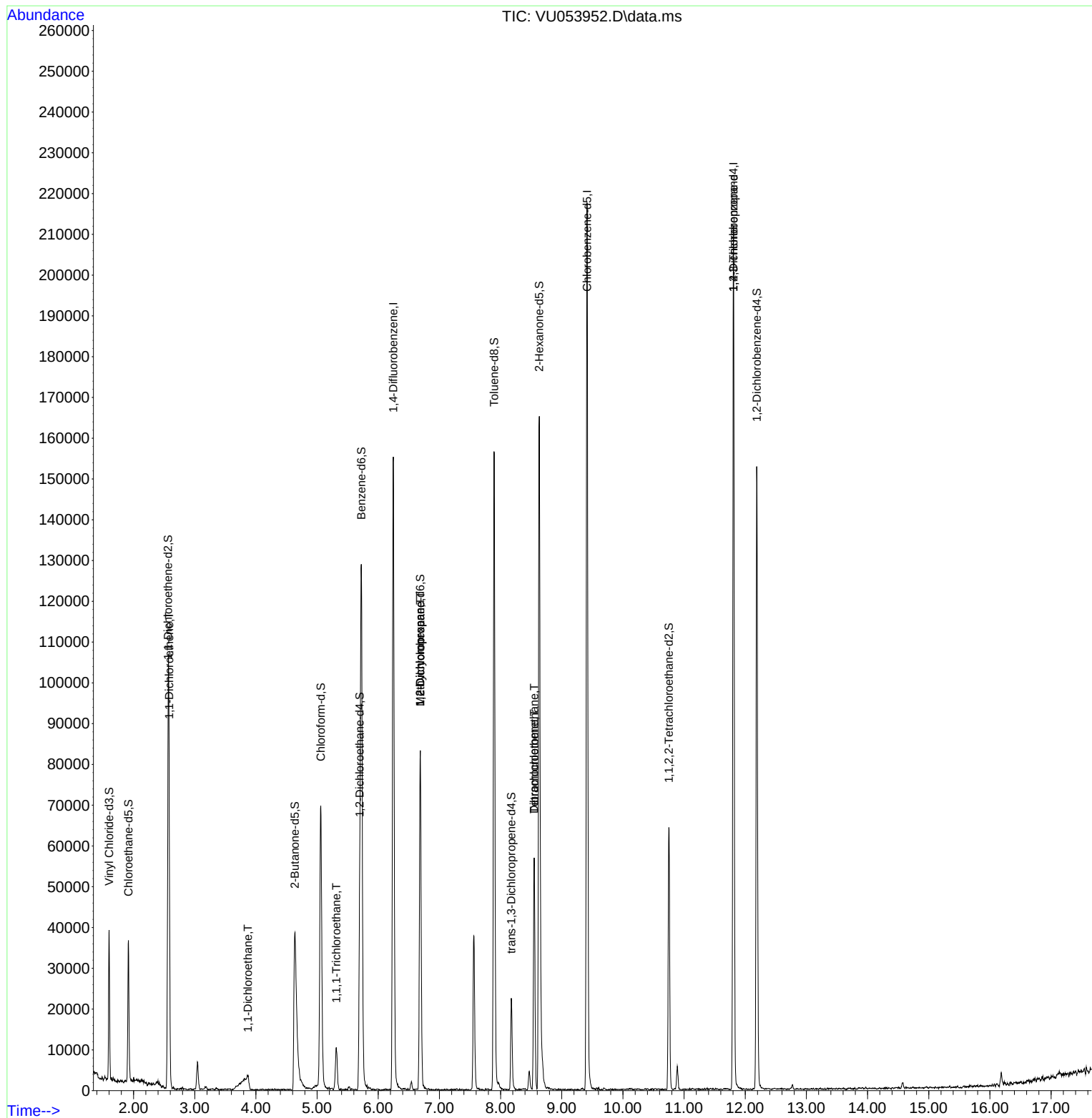
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27376	3.287	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.916	69	26345	3.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.565	65	12991	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.636	46	76487	50.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.060	84	68388	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.697	65	32374	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.723	84	131451	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.687	67	41474	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.893	98	113002	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.176	79	14059	3.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.632	63	61990	48.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33760	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	43618	4.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	20132	2.341	ug/L	89
19) 1,1-Dichloroethane	3.871	63	3781	0.240	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	7389	0.505	ug/L	95
35) Methylcyclohexane	6.687	83	10368	0.671	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4148	0.456	ug/L #	87
47) Tetrachloroethene	8.549	164	12698	1.602	ug/L	94
49) Dibromochloromethane	8.549	129	12750	1.765	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6290	1.344	ug/L #	67

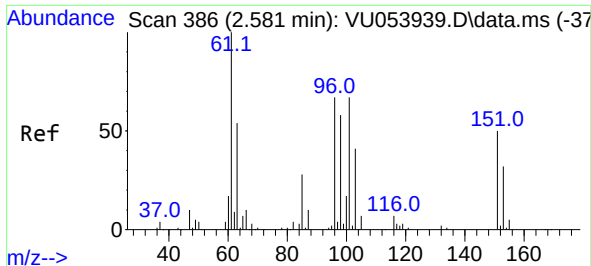
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.341 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU053952.D

Acq: 27 Apr 2023 22:05

Instrument :

MSVOA_U

ClientSampleId :

BHE75

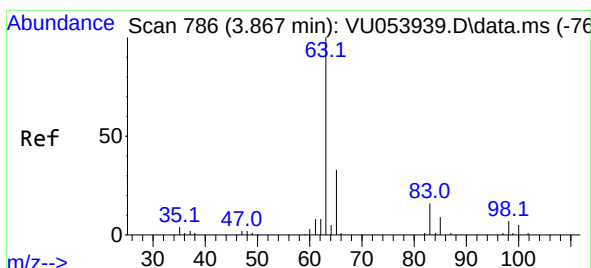
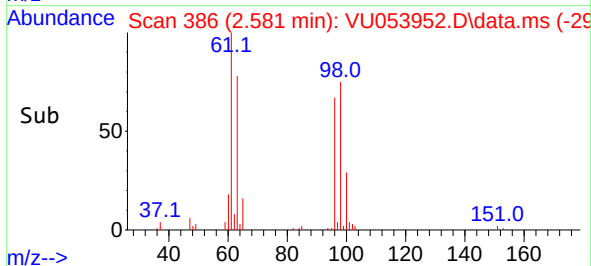
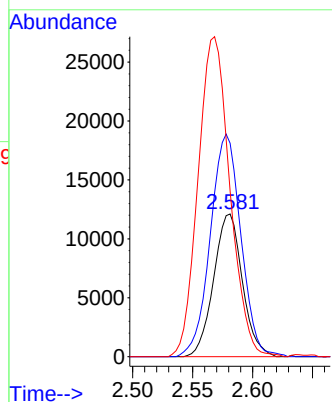
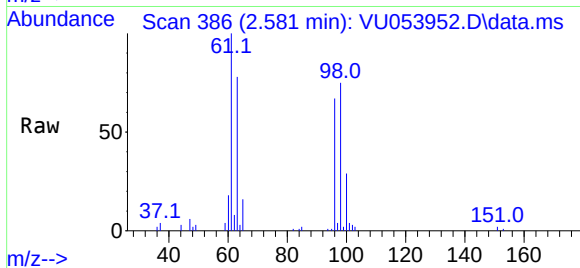
Tgt Ion: 96 Resp: 20132

Ion Ratio Lower Upper

96 100

61 149.5 111.5 207.1

63 115.9 68.7 127.7



#19

1,1-Dichloroethane

Concen: 0.240 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.007 min

Lab File: VU053952.D

Acq: 27 Apr 2023 22:05

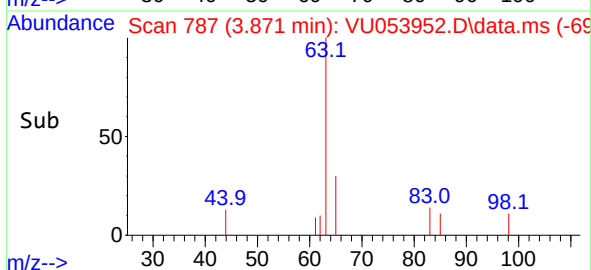
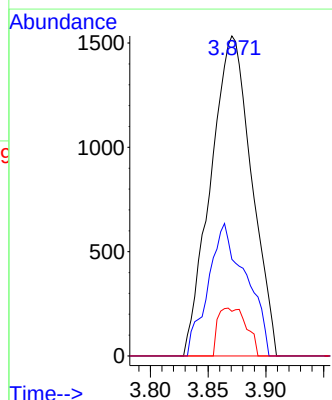
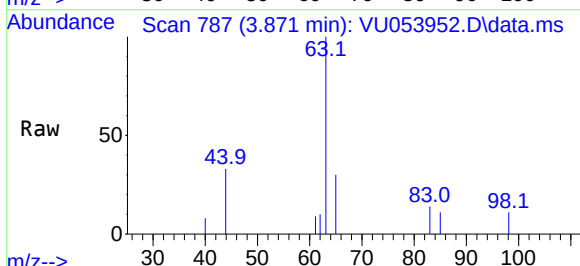
Tgt Ion: 63 Resp: 3781

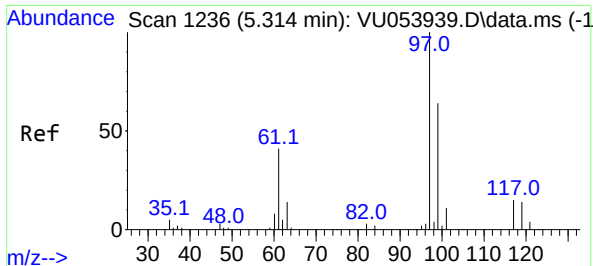
Ion Ratio Lower Upper

63 100

65 30.2 22.0 40.8

83 14.0 10.3 19.1

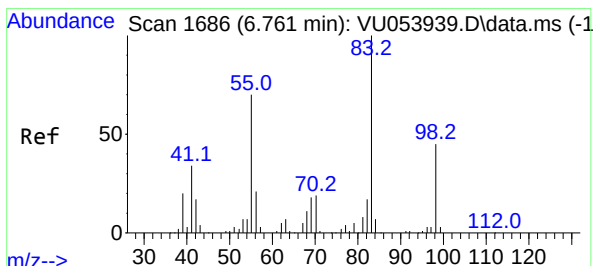
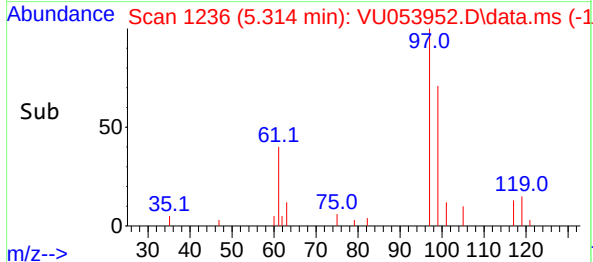
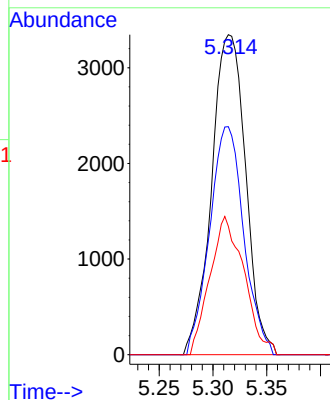
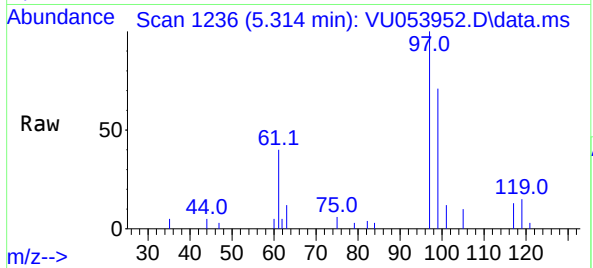




#29
1,1,1-Trichloroethane
Concen: 0.505 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

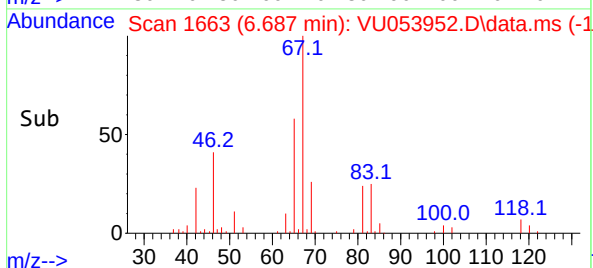
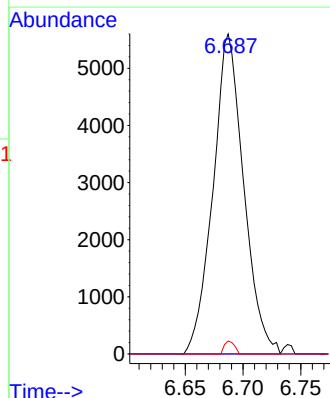
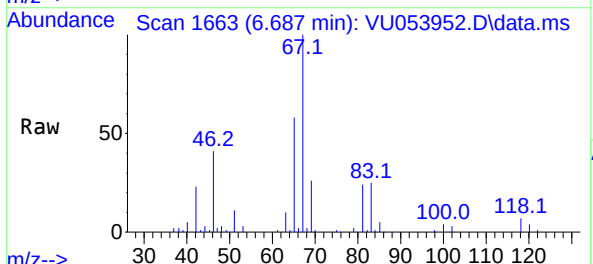
Instrument :
MSVOA_U
ClientSampleId :
BHE75

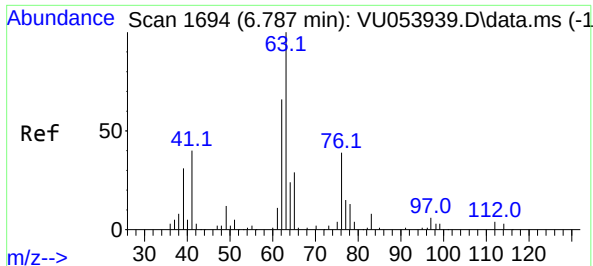
Tgt Ion:	97	Resp:	7389
Ion	Ratio	Lower	Upper
97	100		
99	71.3	52.9	79.3
61	43.4	33.8	50.8



#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

Tgt Ion:	83	Resp:	10368
Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.3	37.3	55.9#

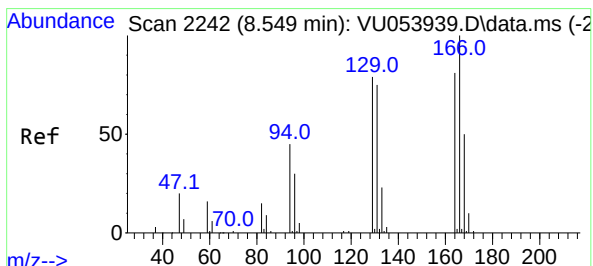
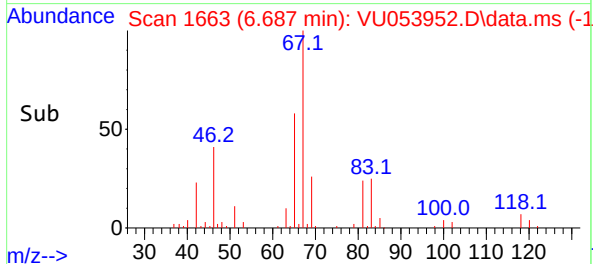
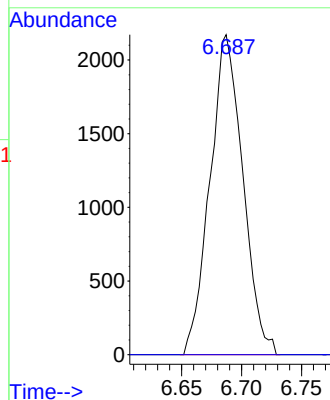
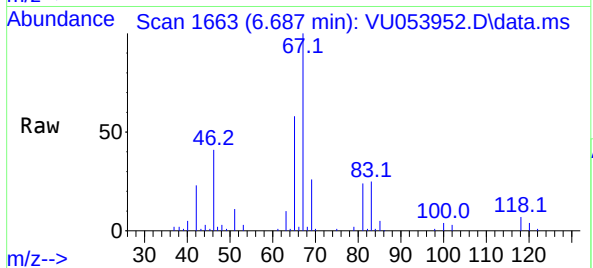




#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

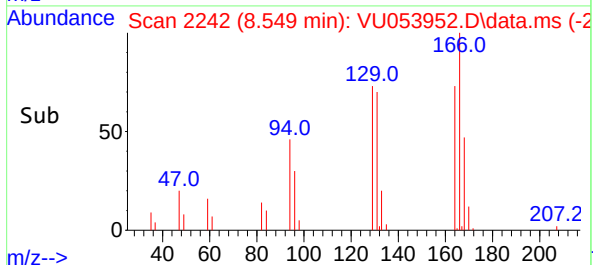
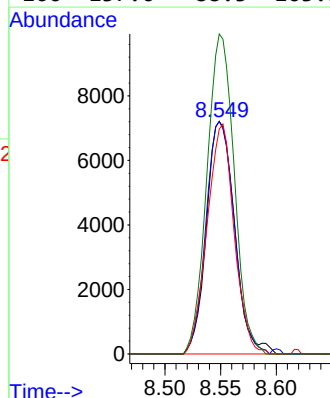
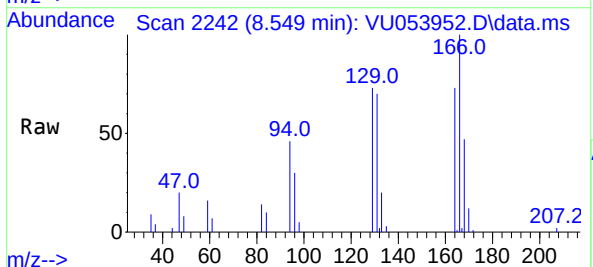
Instrument :
MSVOA_U
ClientSampleId :
BHE75

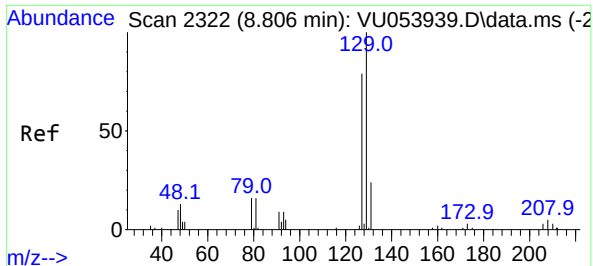
Tgt Ion: 63 Resp: 4148
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 1.602 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053952.D
Acq: 27 Apr 2023 22:05

Tgt Ion: 164 Resp: 12698
Ion Ratio Lower Upper
164 100
129 100.0 68.3 126.8
131 96.6 64.4 119.6
166 137.6 88.3 163.9





#49

Dibromochloromethane

Concen: 1.765 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053952.D

Acq: 27 Apr 2023 22:05

Instrument :

MSVOA_U

ClientSampleId :

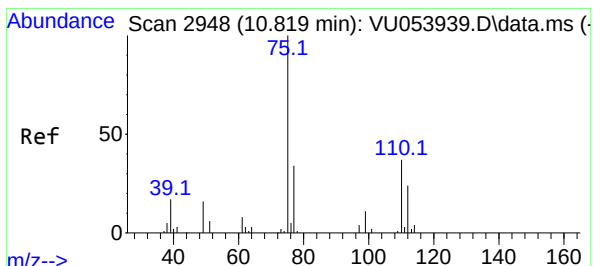
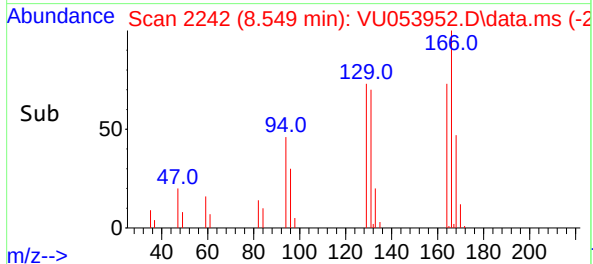
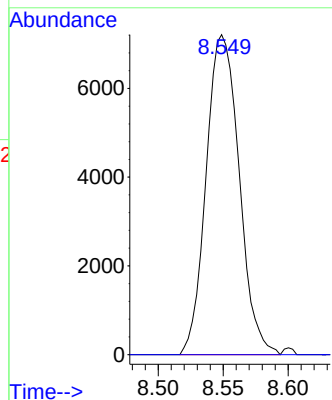
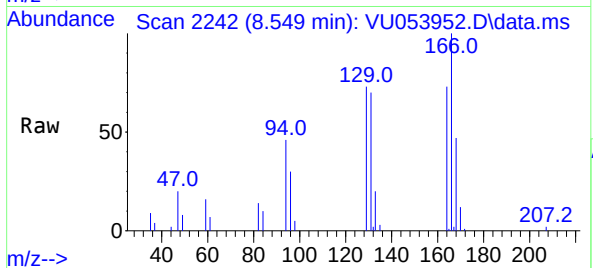
BHE75

Tgt Ion:129 Resp: 12750

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.344 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053952.D

Acq: 27 Apr 2023 22:05

Tgt Ion: 75 Resp: 6290

Ion Ratio Lower Upper

75 100

110 1.5 30.7 46.1#

77 32.3 26.2 39.4

