

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053749.D
 Acq On : 18 Apr 2023 00:15
 Operator : JC/MD
 Sample : 02340-21 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE22

Quant Time: Apr 18 01:45:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

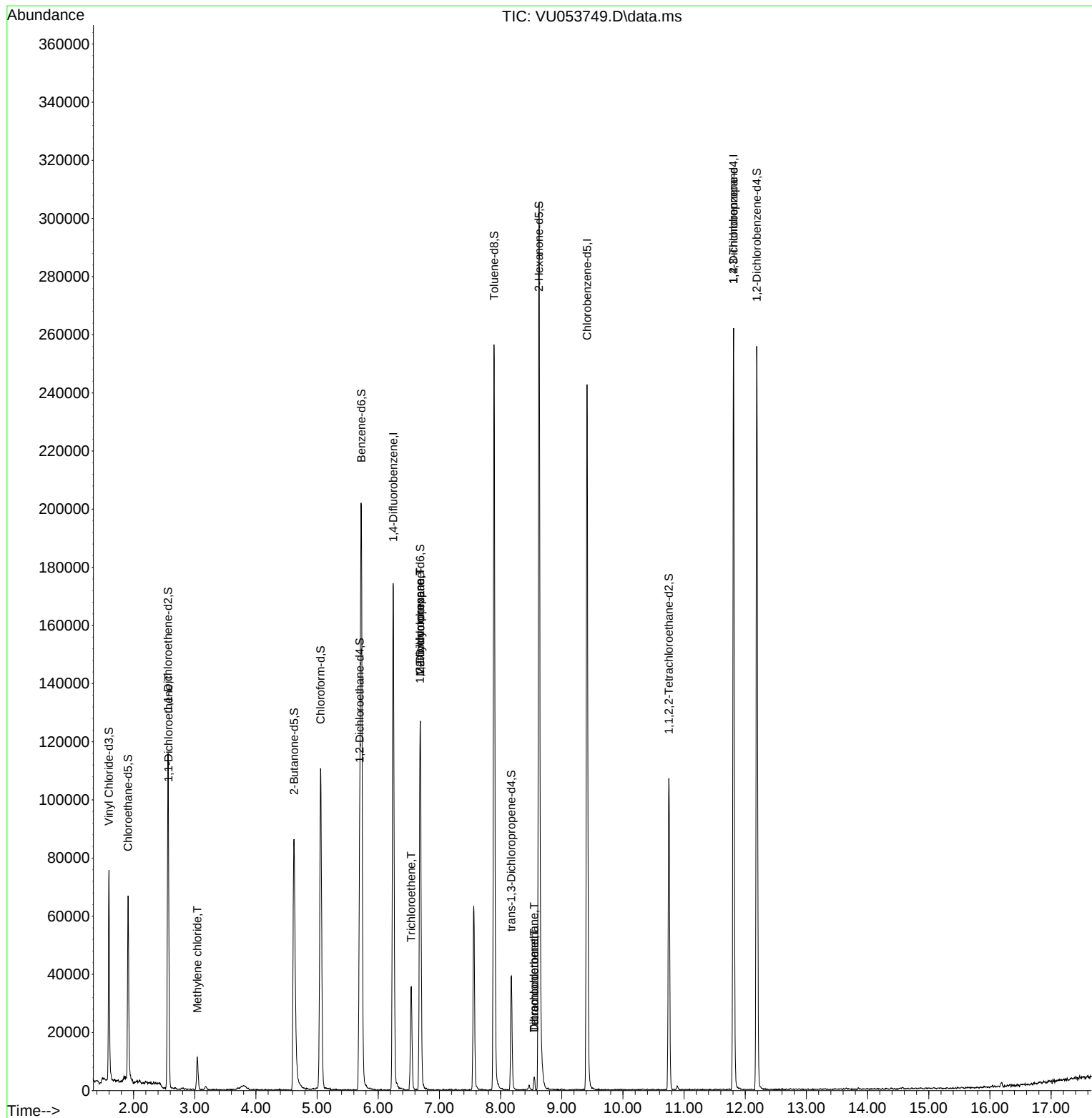
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152808	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	144755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55011	5.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.909	69	47995	5.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.562	65	20546	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.623	46	127119	52.786	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.580%
24) Chloroform-d	5.057	84	101332	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.697	65	51806	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.723	84	197541	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.687	67	64029	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.893	98	178544	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.176	79	23861	4.974	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.629	63	110251	56.584	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.160%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	54825	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	69659	5.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.572	96	1834	0.212	ug/L #	1
16) Methylene chloride	3.041	84	5488	0.483	ug/L	92
34) Trichloroethene	6.539	95	11790	1.141	ug/L	90
35) Methylcyclohexane	6.687	83	15026	0.848	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	6767	0.661	ug/L #	89
47) Tetrachloroethene	8.549	164	1055	0.139	ug/L	84
49) Dibromochloromethane	8.549	129	1058	0.147	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	8461	1.425	ug/L #	67

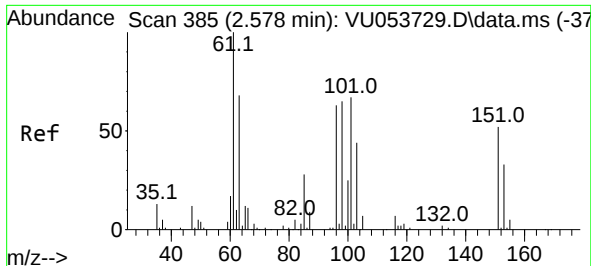
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.212 ug/L

RT: 2.572 min Scan# 385

Delta R.T. -0.006 min

Lab File: VU053749.D

Acq: 18 Apr 2023 00:15

Instrument :

MSVOA_U

ClientSampleId :

BHE22

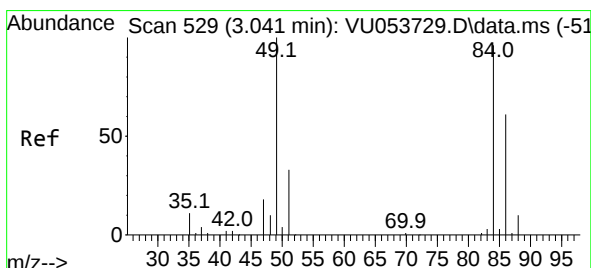
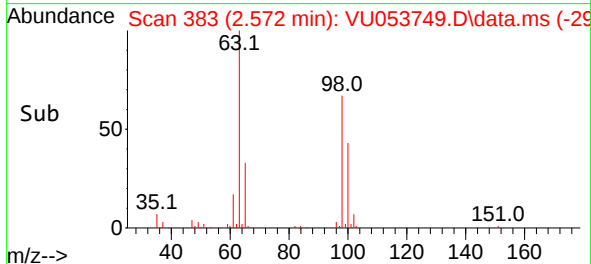
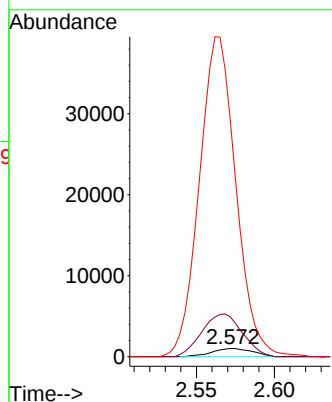
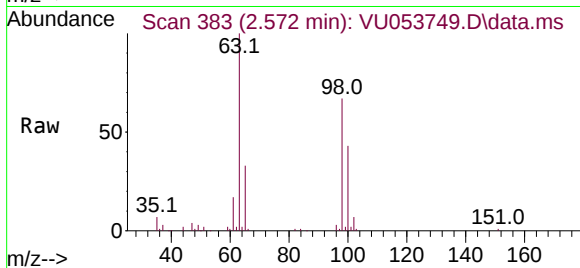
Tgt Ion: 96 Resp: 1834

Ion Ratio Lower Upper

96 100

61 494.9 116.8 216.8#

63 2947.2 88.6 164.6#



#16

Methylene chloride

Concen: 0.483 ug/L

RT: 3.041 min Scan# 529

Delta R.T. 0.000 min

Lab File: VU053749.D

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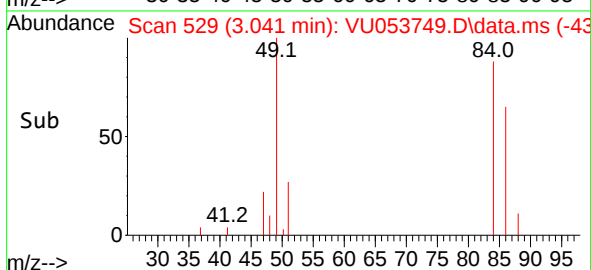
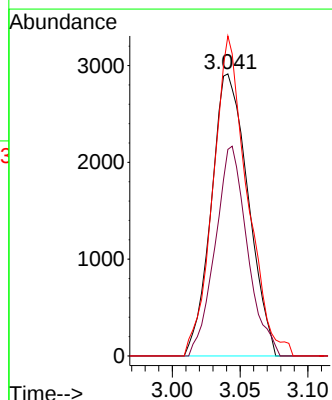
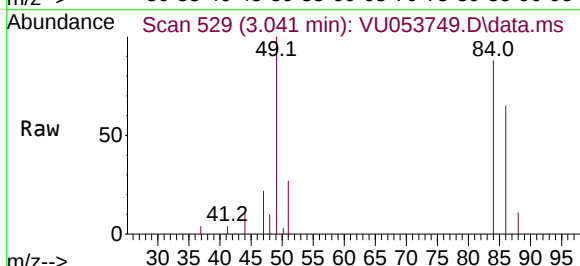
Tgt Ion: 84 Resp: 5488

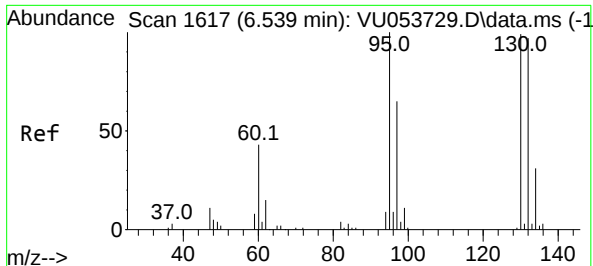
Ion Ratio Lower Upper

84 100

86 73.2 44.7 83.1

49 113.5 75.5 140.1

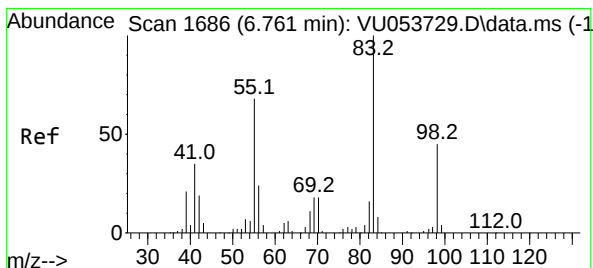
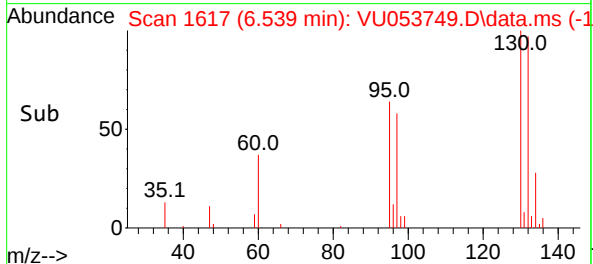
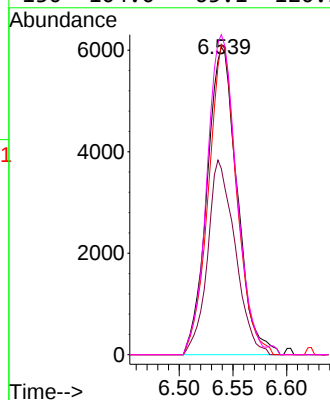
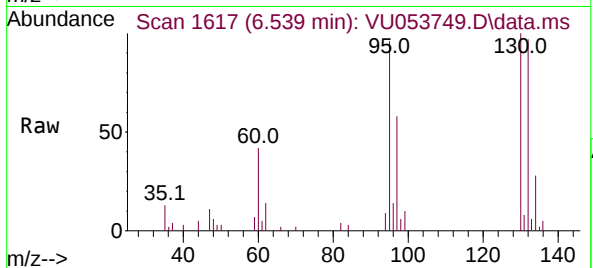




#34
Trichloroethene
Concen: 1.141 ug/L
RT: 6.539 min Scan# 11790
Delta R.T. 0.000 min
Lab File: VU053749.D
Acq: 18 Apr 2023 00:15

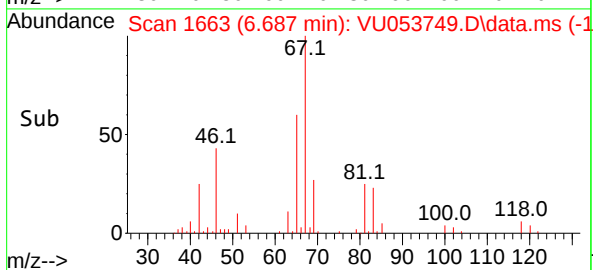
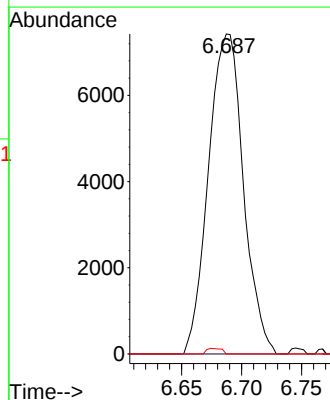
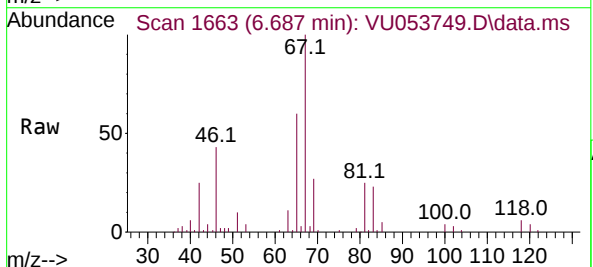
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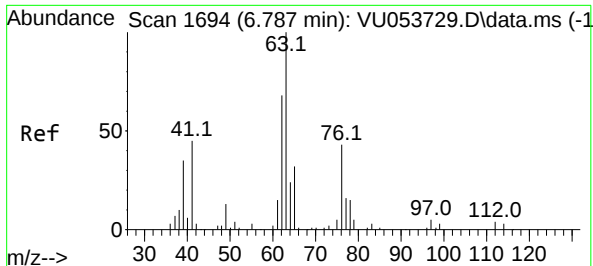
Tgt Ion:	95	Resp:	11790
Ion	Ratio	Lower	Upper
95	100		
97	60.5	45.3	84.1
132	100.9	62.8	116.6
130	104.0	65.1	120.9



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053749.D
Acq: 18 Apr 2023 00:15

Tgt Ion:	83	Resp:	15026
Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.9	82.3#
98	0.8	34.9	52.3#

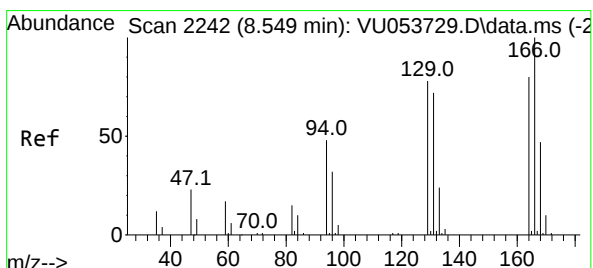
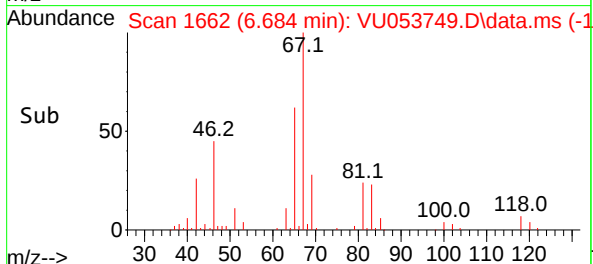
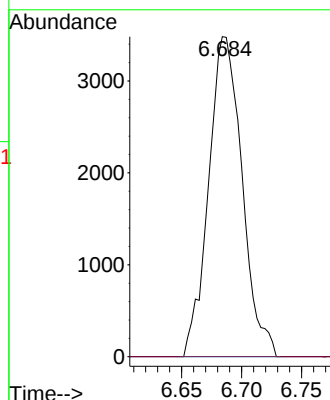
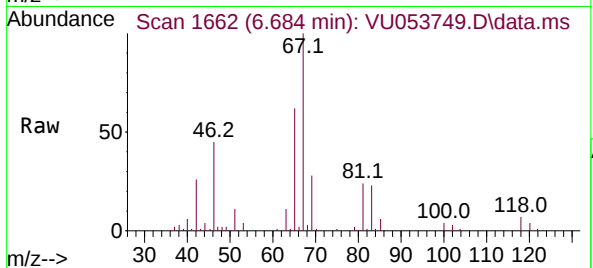




#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053749.D
Acq: 18 Apr 2023 00:15

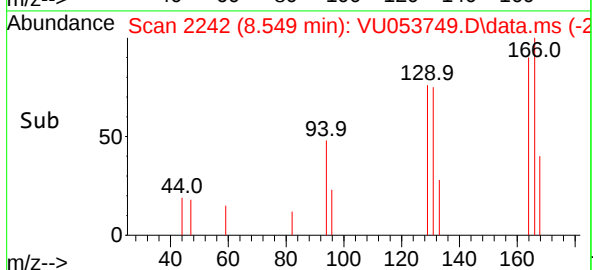
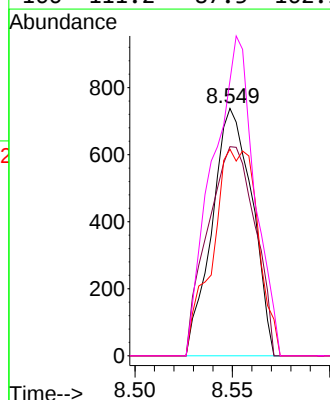
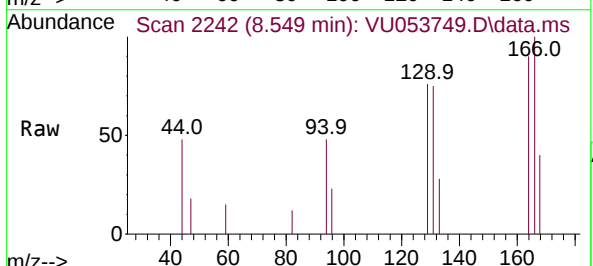
Instrument :
MSVOA_U
ClientSampleId :
BHE22

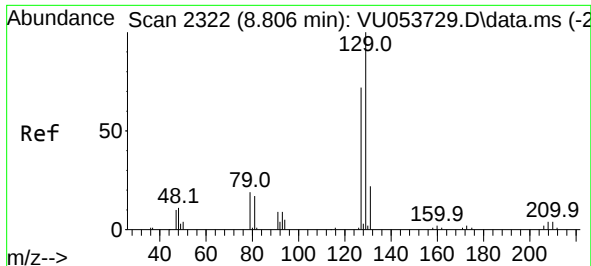
Tgt Ion: 63 Resp: 6767
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 0.139 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053749.D
Acq: 18 Apr 2023 00:15

Tgt Ion:164 Resp: 1055
Ion Ratio Lower Upper
164 100
129 84.6 74.8 138.8
131 83.5 70.1 130.1
166 111.2 87.3 162.1





#49

Dibromochloromethane

Concen: 0.147 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053749.D

Acq: 18 Apr 2023 00:15

Instrument :

MSVOA_U

ClientSampleId :

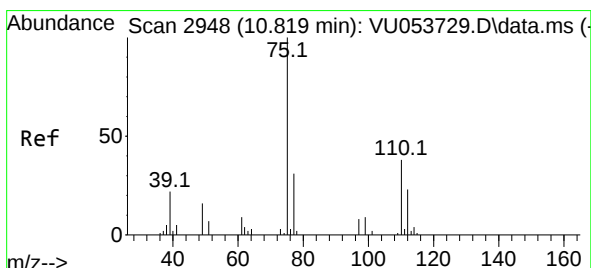
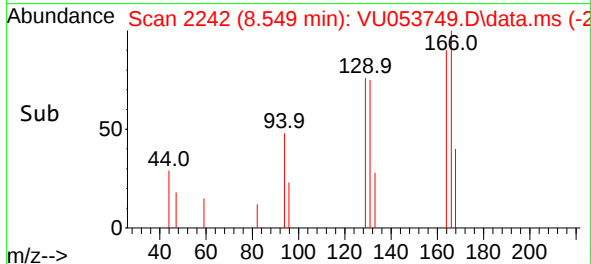
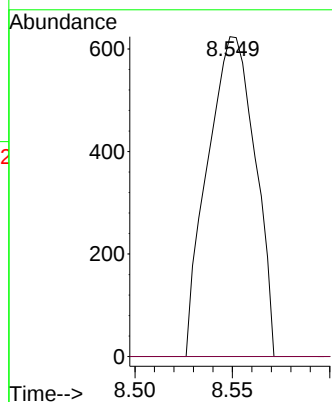
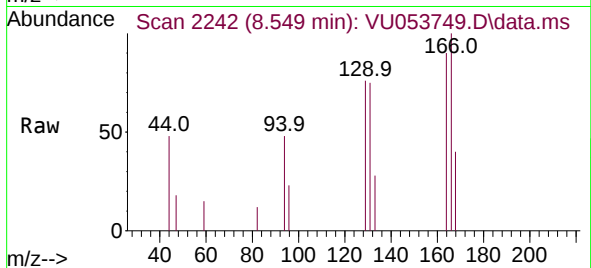
BHE22

Tgt Ion:129 Resp: 1058

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.425 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053749.D

Acq: 18 Apr 2023 00:15

Tgt Ion: 75 Resp: 8461

Ion Ratio Lower Upper

75 100

110 1.8 30.6 46.0#

77 32.6 26.1 39.1

