

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053911.D
 Acq On : 26 Apr 2023 14:07
 Operator : JC/MD
 Sample : 02433-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE54

Quant Time: Apr 27 05:55:19 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)

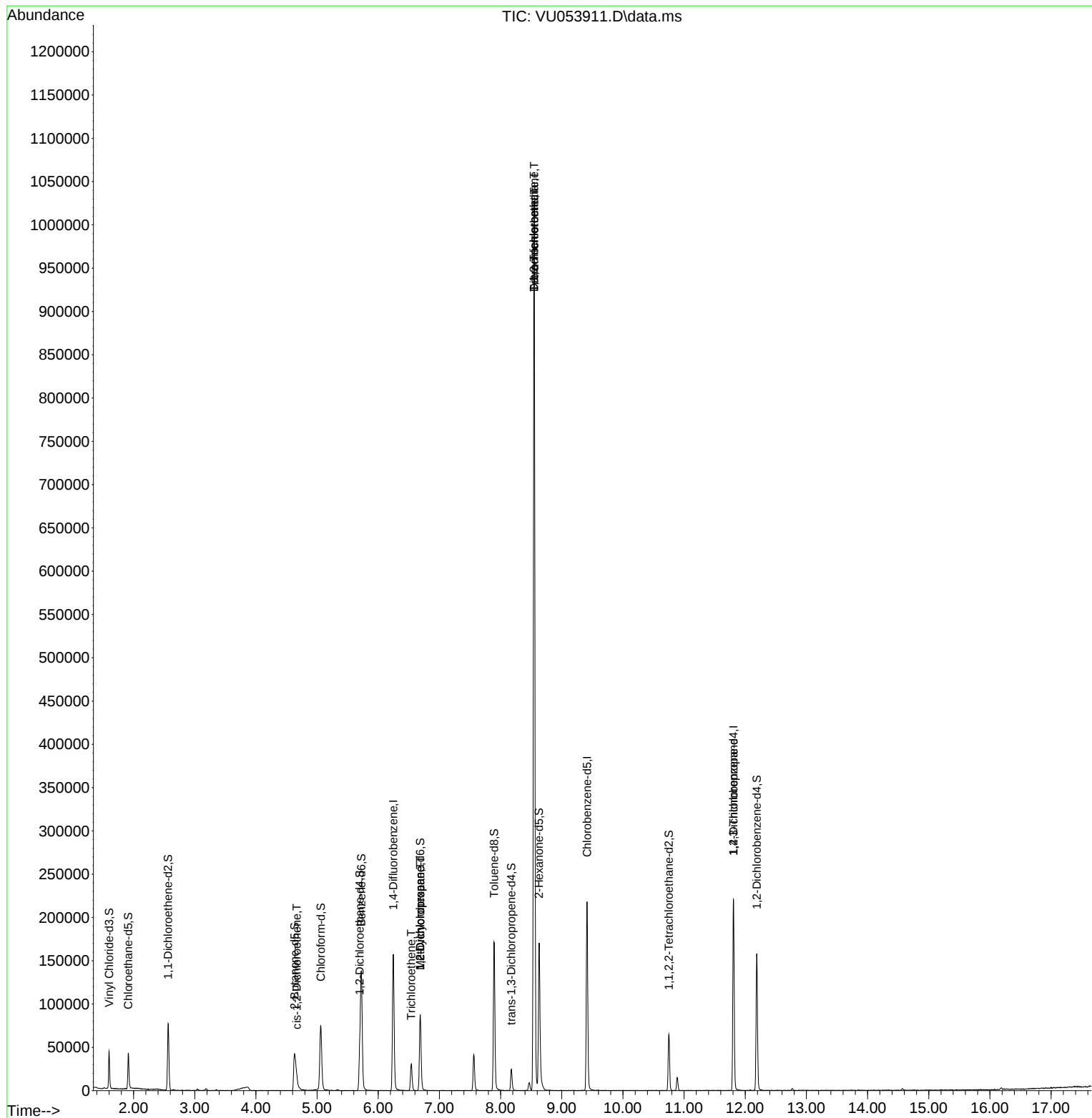
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	137882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	61767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32024	3.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.912	69	29716	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	14287	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.632	46	72792	47.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.640%
24) Chloroform-d	5.060	84	69240	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.697	65	33401	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.722	84	140247	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.687	67	43991	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.893	98	122601	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.176	79	15136	4.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.629	63	62486	48.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33190	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	44221	4.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.668	96	2907	0.294	ug/L	97
34) Trichloroethene	6.539	95	10595	1.053	ug/L	88
35) Methylcyclohexane	6.687	83	10462	0.673	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4651	0.508	ug/L #	87
45) 1,1,2-Trichloroethane	8.545	97	1993	0.290	ug/L #	1
47) Tetrachloroethene	8.549	164	225911	28.325	ug/L	99
49) Dibromochloromethane	8.549	129	220867	30.376	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7326	1.538	ug/L #	65

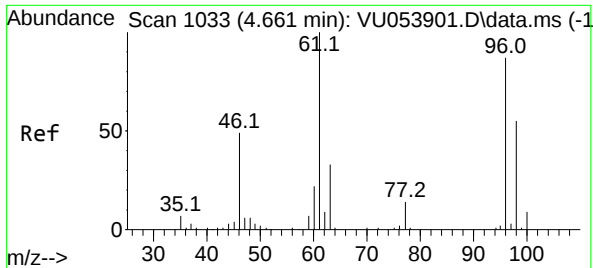
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
Data File : VU053911.D
Acq On : 26 Apr 2023 14:07
Operator : JC/MD
Sample : 02433-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE54

Quant Time: Apr 27 05:55:19 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





#22

cis-1,2-Dichloroethene

Concen: 0.294 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU053911.D

Acq: 26 Apr 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

BHE54

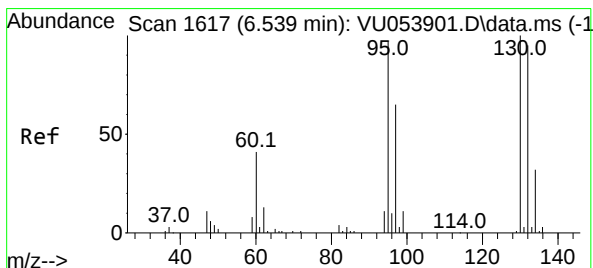
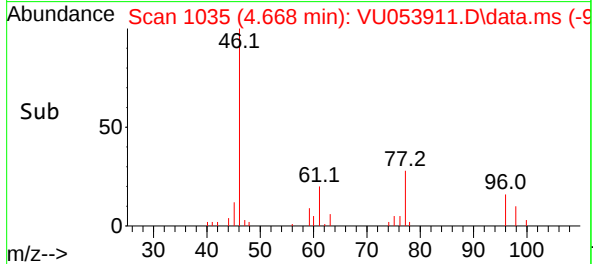
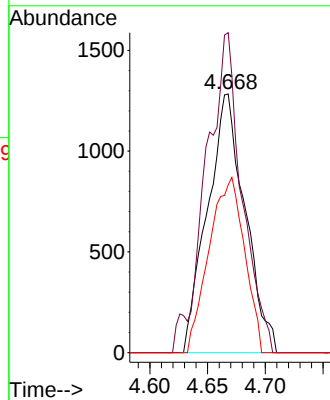
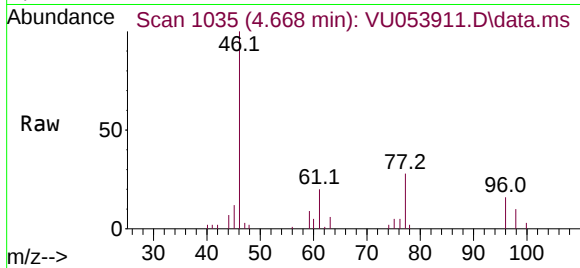
Tgt Ion: 96 Resp: 2907

Ion Ratio Lower Upper

96 100

61 123.7 84.3 156.5

98 64.9 46.4 86.2



#34

Trichloroethene

Concen: 1.053 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU053911.D

Acq: 26 Apr 2023 14:07

Tgt Ion: 95 Resp: 10595

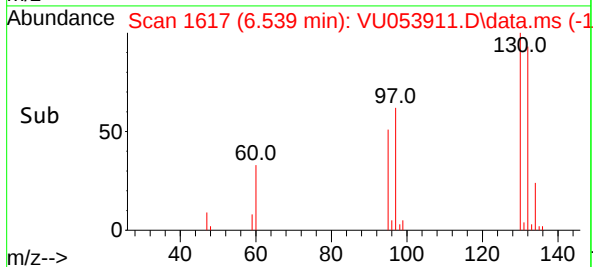
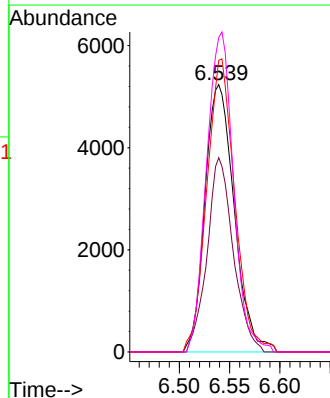
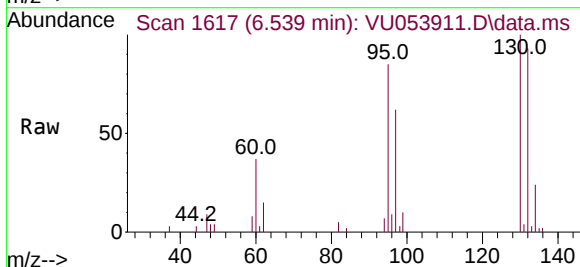
Ion Ratio Lower Upper

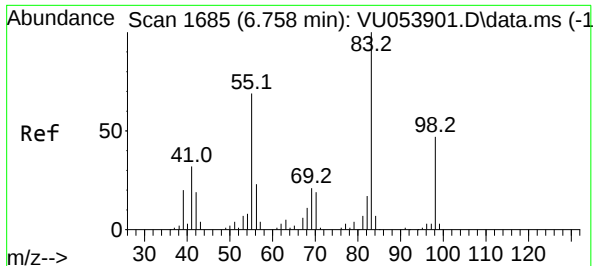
95 100

97 72.6 45.1 83.9

132 109.1 69.9 129.9

130 117.7 71.3 132.3

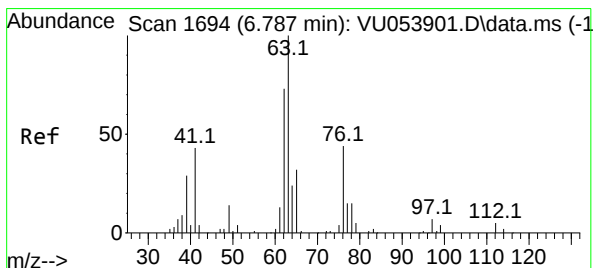
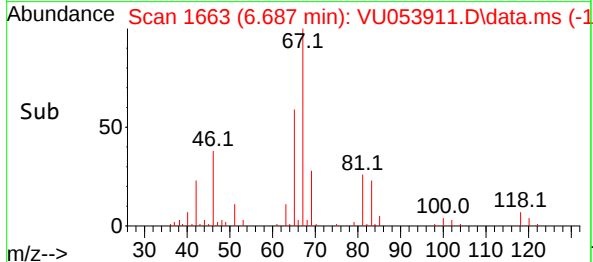
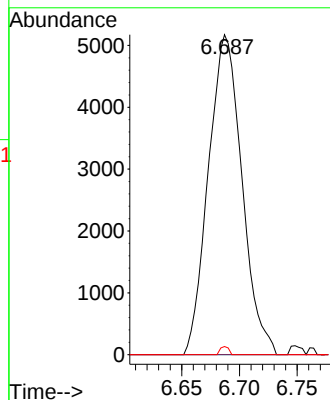
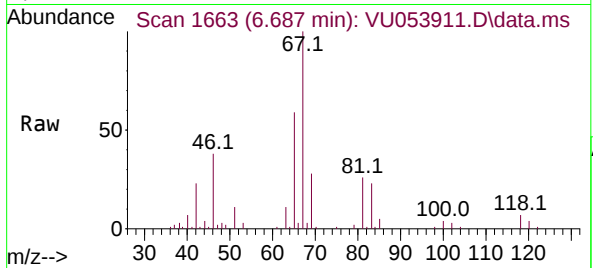




#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053911.D
Acq: 26 Apr 2023 14:07

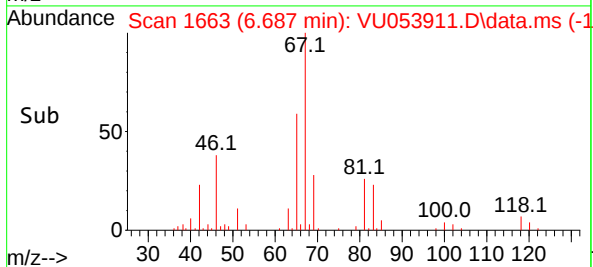
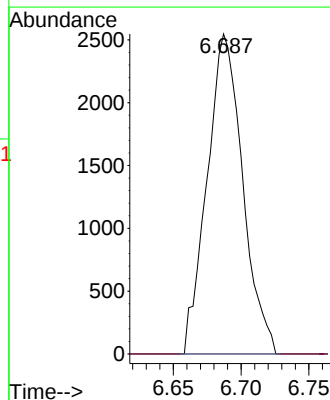
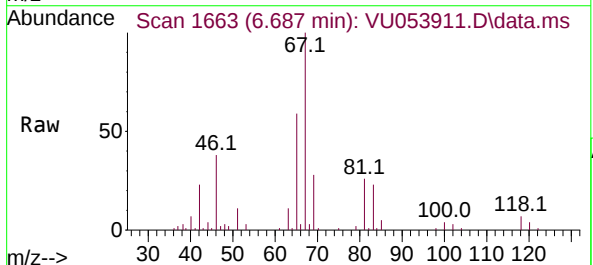
Instrument :
MSVOA_U
ClientSampleId :
BHE54

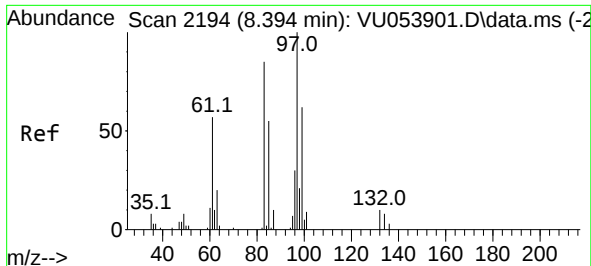
Tgt Ion: 83 Resp: 10462
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.6 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053911.D
Acq: 26 Apr 2023 14:07

Tgt Ion: 63 Resp: 4651
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

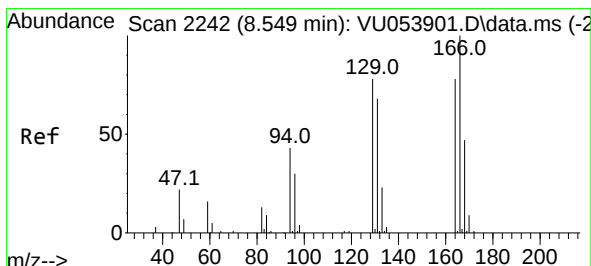
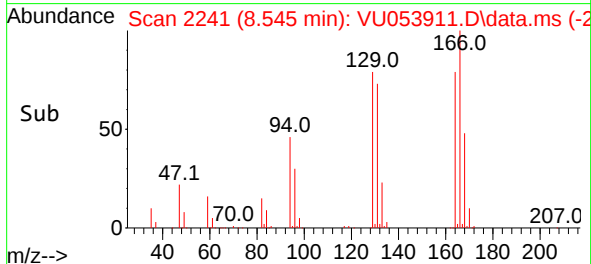
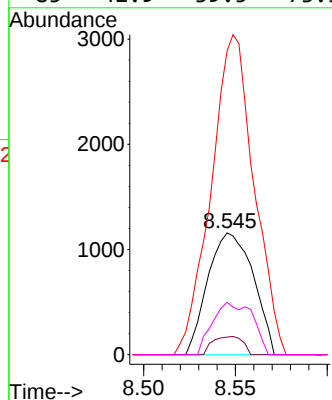
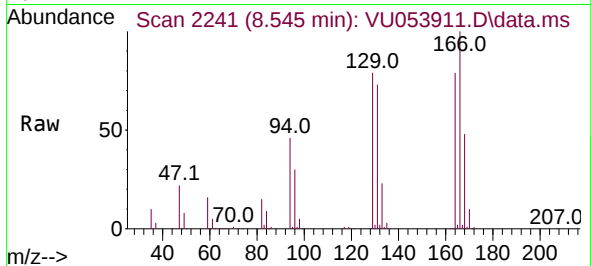




#45
1,1,2-Trichloroethane
Concen: 0.290 ug/L
RT: 8.545 min Scan# 2194
Delta R.T. 0.151 min
Lab File: VU053911.D
Acq: 26 Apr 2023 14:07

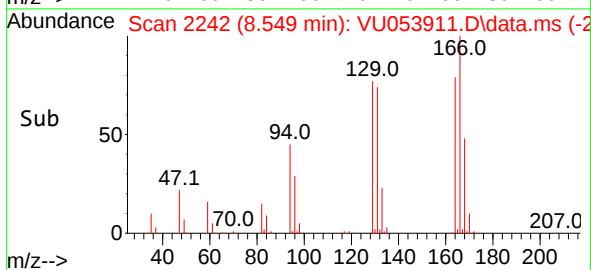
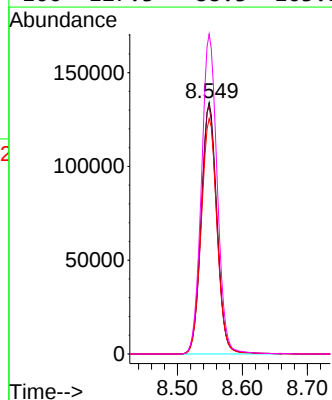
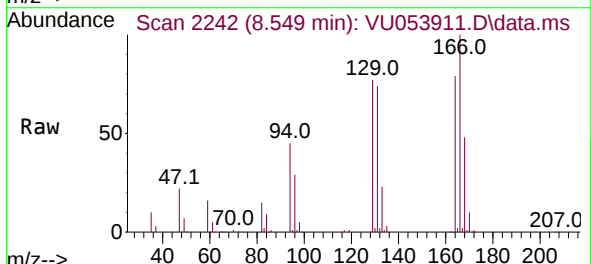
Instrument :
MSVOA_U
ClientSampleId :
BHE54

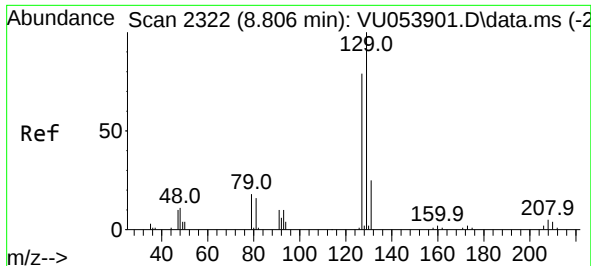
Tgt Ion: 97	Resp: 1993
Ion Ratio	Lower Upper
97 100	
99 14.5	44.7 83.1#
83 249.3	59.8 111.1#
85 42.9	39.5 73.3



#47
Tetrachloroethene
Concen: 28.325 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053911.D
Acq: 26 Apr 2023 14:07

Tgt	Ion:164	Resp:	225911
Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.3	126.8
131	93.7	64.4	119.6
166	127.3	88.3	163.9

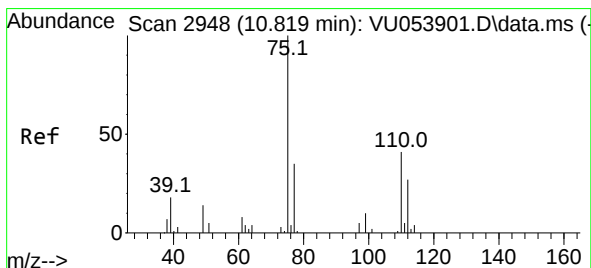
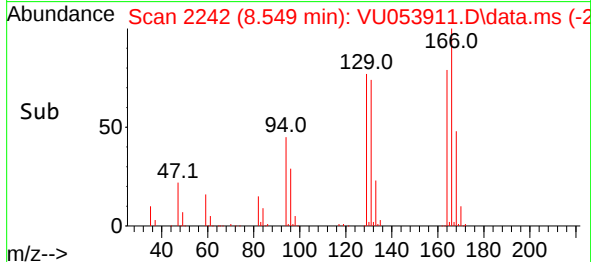
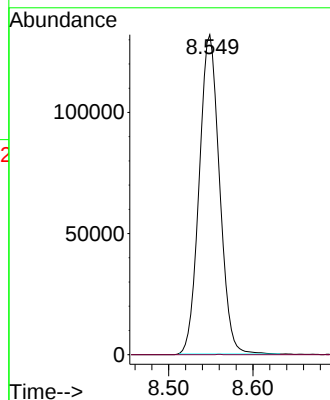
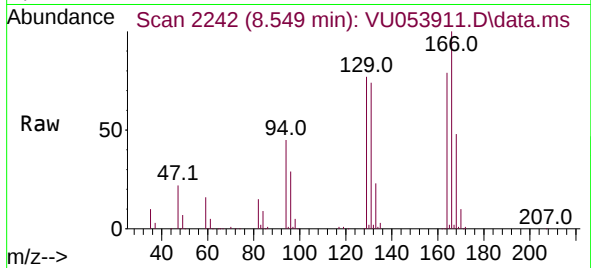




#49
Dibromochloromethane
Concen: 30.376 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053911.D
Acq: 26 Apr 2023 14:07

Instrument :
MSVOA_U
ClientSampleId :
BHE54

Tgt Ion:129 Resp: 220867
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.538 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053911.D
Acq: 26 Apr 2023 14:07

Tgt Ion: 75 Resp: 7326
Ion Ratio Lower Upper
75 100
110 0.7 30.7 46.1#
77 31.1 26.2 39.4

