

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053909.D
 Acq On : 26 Apr 2023 13:19
 Operator : JC/MD
 Sample : 02433-19DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE54DL

Quant Time: Apr 27 05:54:48 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)

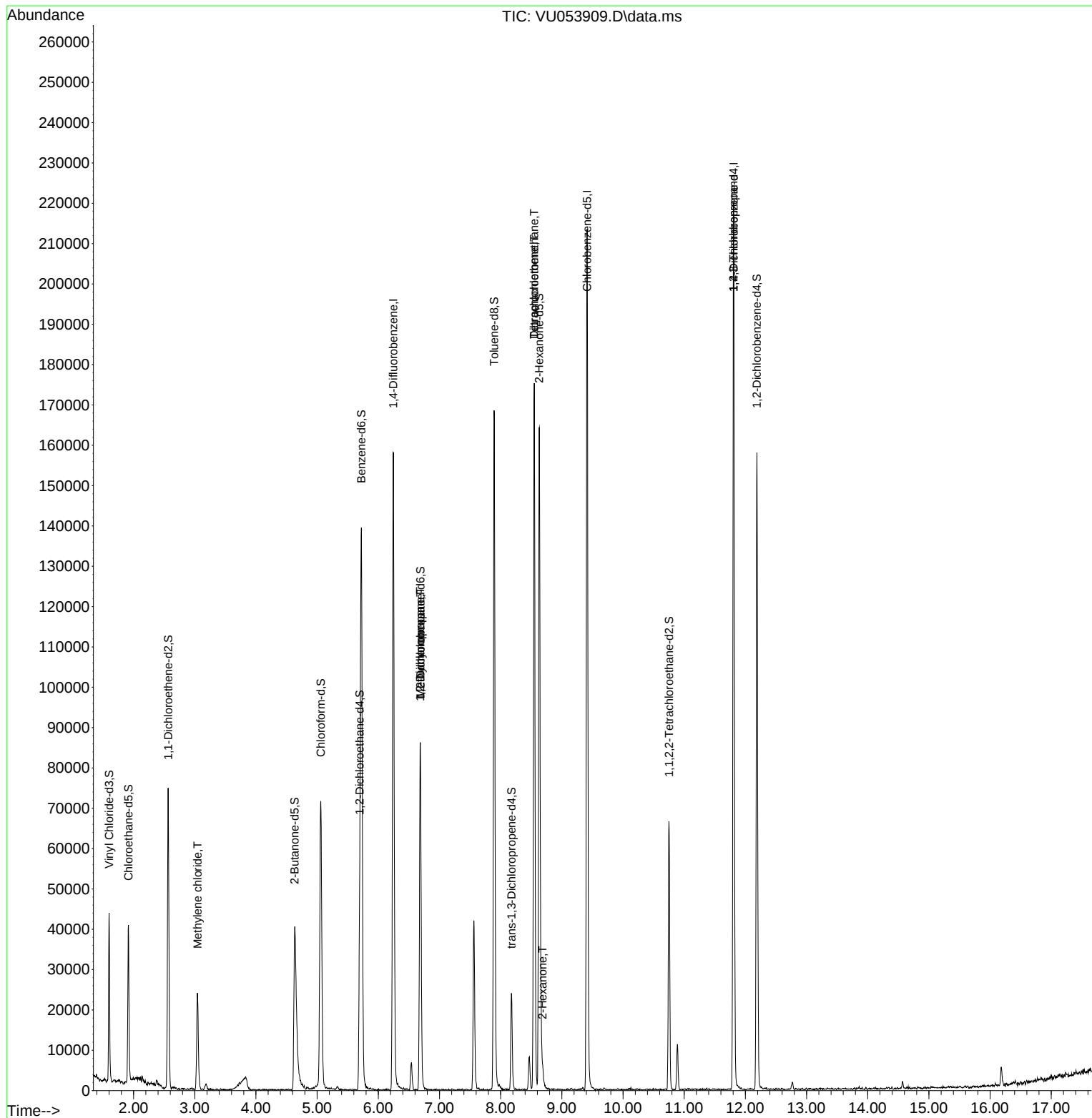
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135648	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31255	3.783	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.915	69	28512	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.568	65	13736	4.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.632	46	73333	48.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.920%
24) Chloroform-d	5.060	84	70224	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.697	65	33124	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.722	84	140654	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.687	67	43605	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.893	98	119964	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.176	79	15177	4.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.629	63	59674	46.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31477	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	43819	4.409	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	12546	1.077	ug/L	94
35) Methylcyclohexane	6.687	83	9959	0.651	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	4817	0.534	ug/L #	87
47) Tetrachloroethene	8.549	164	39393	5.017	ug/L	96
48) 2-Hexanone	8.684	43	1960	0.634	ug/L #	80
49) Dibromochloromethane	8.549	129	38404	5.365	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7105	1.487	ug/L #	67

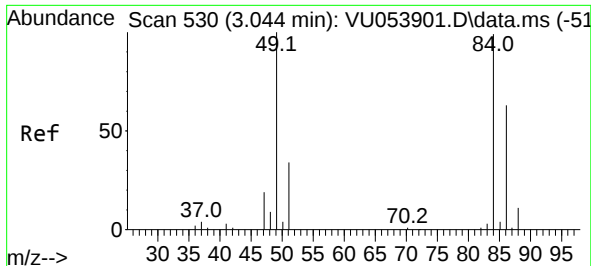
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
Data File : VU053909.D
Acq On : 26 Apr 2023 13:19
Operator : JC/MD
Sample : 02433-19DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE54DL

Quant Time: Apr 27 05:54:48 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

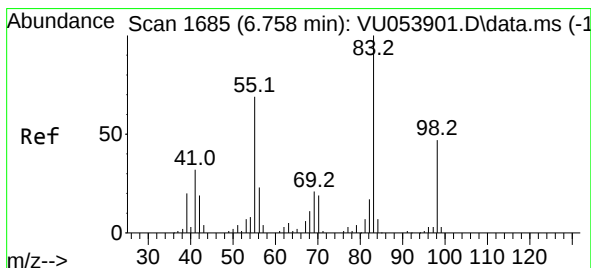
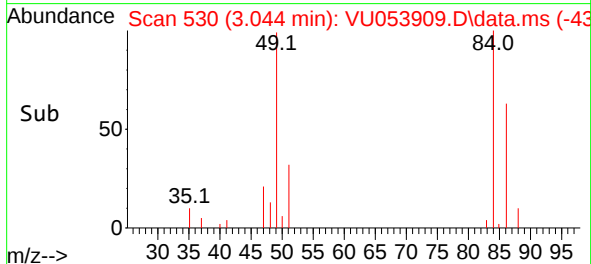
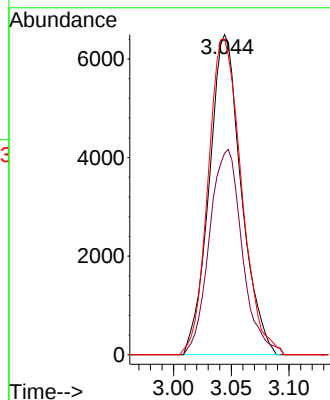
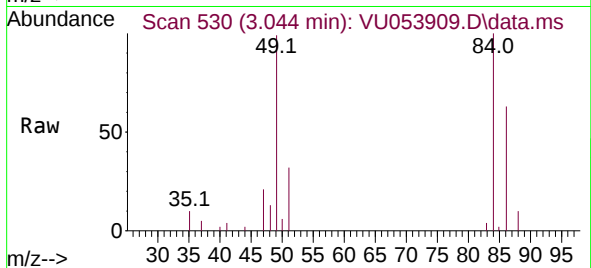




#16
Methylene chloride
Concen: 1.077 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053909.D
Acq: 26 Apr 2023 13:19

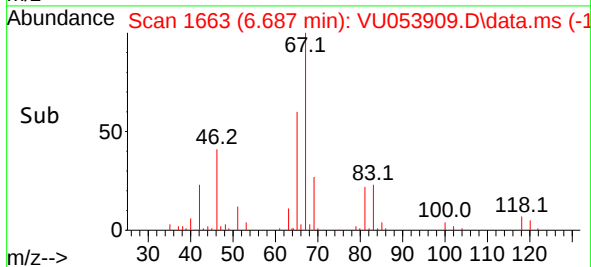
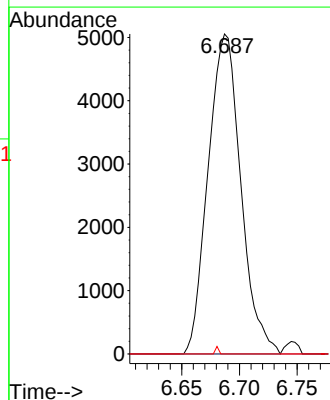
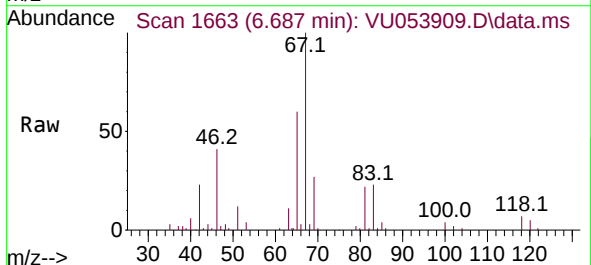
Instrument :
MSVOA_U
ClientSampleId :
BHE54DL

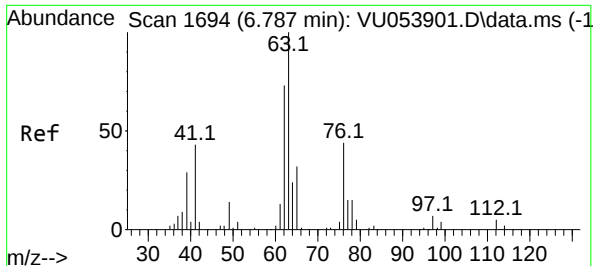
Tgt Ion: 84 Resp: 12546
Ion Ratio Lower Upper
84 100
86 62.9 45.0 83.6
49 98.6 74.8 138.8



#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053909.D
Acq: 26 Apr 2023 13:19

Tgt Ion: 83 Resp: 9959
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.2 37.3 55.9#

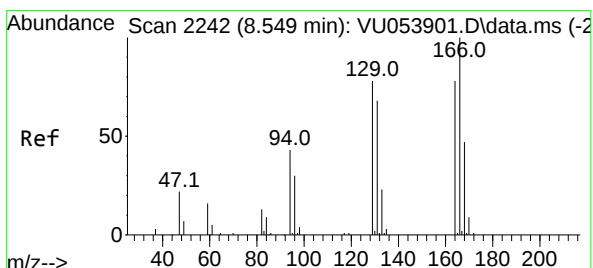
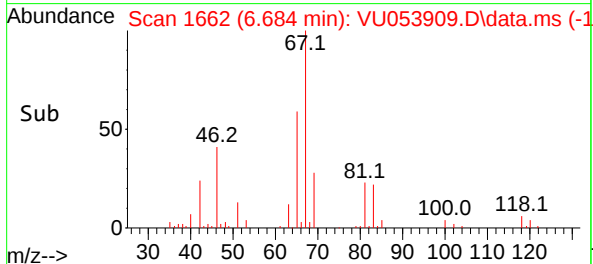
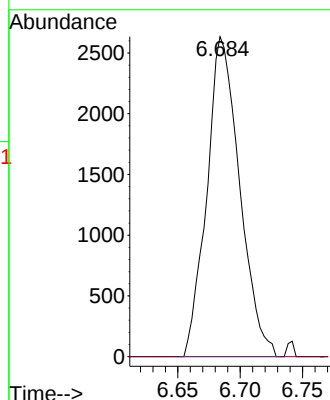
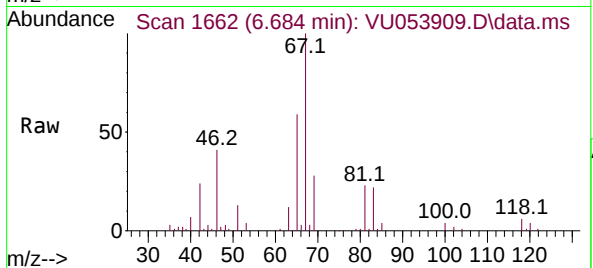




#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053909.D
Acq: 26 Apr 2023 13:19

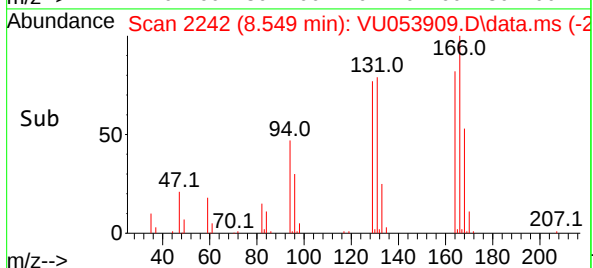
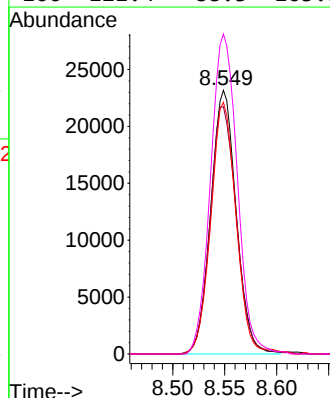
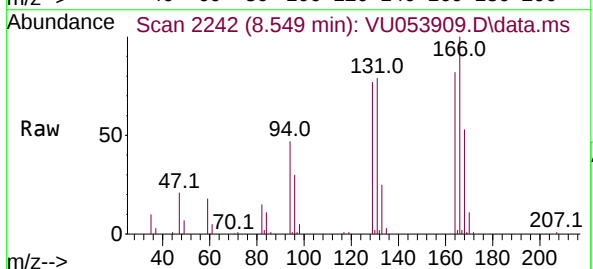
Instrument :
MSVOA_U
ClientSampleId :
BHE54DL

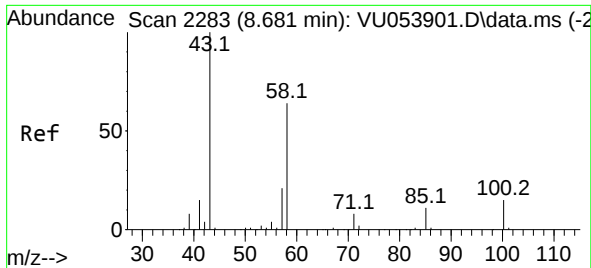
Tgt Ion: 63 Resp: 4817
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 5.017 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053909.D
Acq: 26 Apr 2023 13:19

Tgt Ion: 164 Resp: 39393
Ion Ratio Lower Upper
164 100
129 93.8 68.3 126.8
131 95.4 64.4 119.6
166 121.4 88.3 163.9

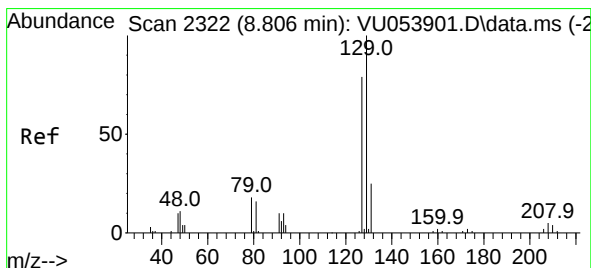
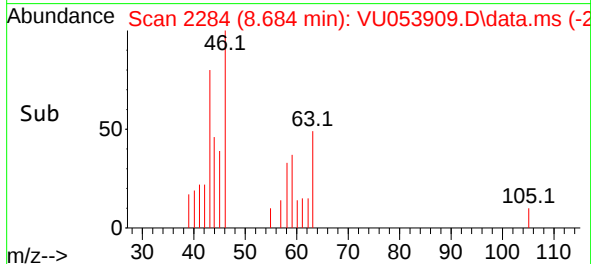
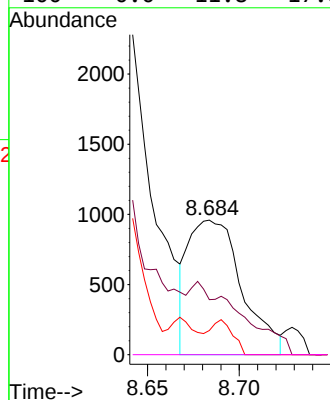
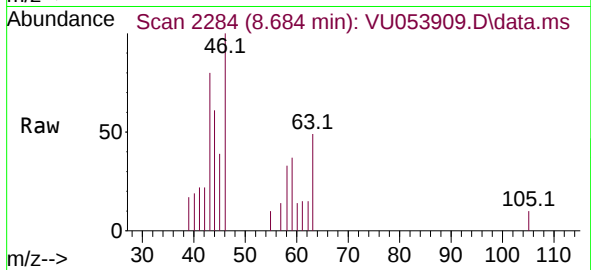




#48
2-Hexanone
Concen: 0.634 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053909.D
Acq: 26 Apr 2023 13:19

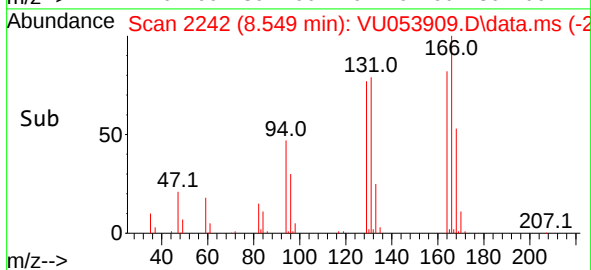
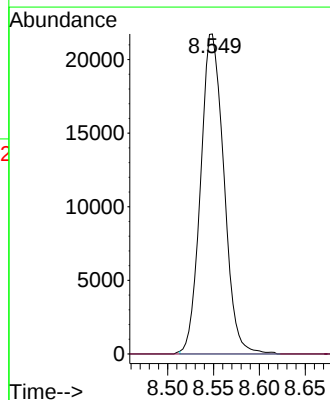
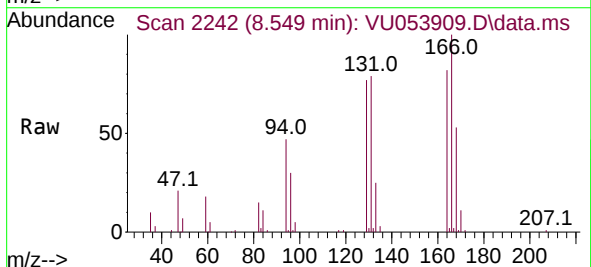
Instrument :
MSVOA_U
ClientSampleId :
BHE54DL

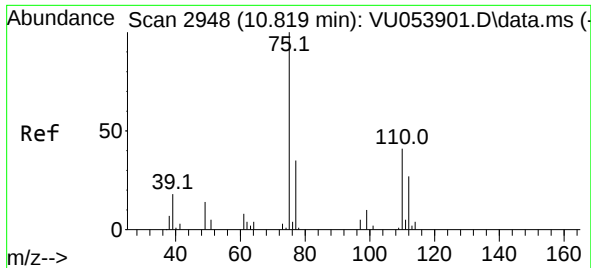
Tgt Ion: 43	Resp:	1960	
Ion	Ratio	Lower	Upper
43	100		
58	50.6	49.8	74.6
57	10.7	16.9	25.3#
100	0.0	11.8	17.8#



#49
Dibromochloromethane
Concen: 5.365 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053909.D
Acq: 26 Apr 2023 13:19

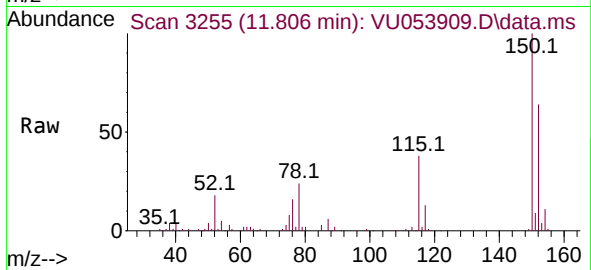
Tgt Ion:129	Resp:	38404	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.487 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053909.D
 Acq: 26 Apr 2023 13:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE54DL



Tgt Ion:	75	Resp:	7105
Ion	Ratio	Lower	Upper
75	100		
110	1.2	30.7	46.1#
77	32.8	26.2	39.4

