

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053893.D
 Acq On : 25 Apr 2023 18:51
 Operator : JC/MD
 Sample : 02433-07DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE43DL

Quant Time: Apr 26 05:14:56 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

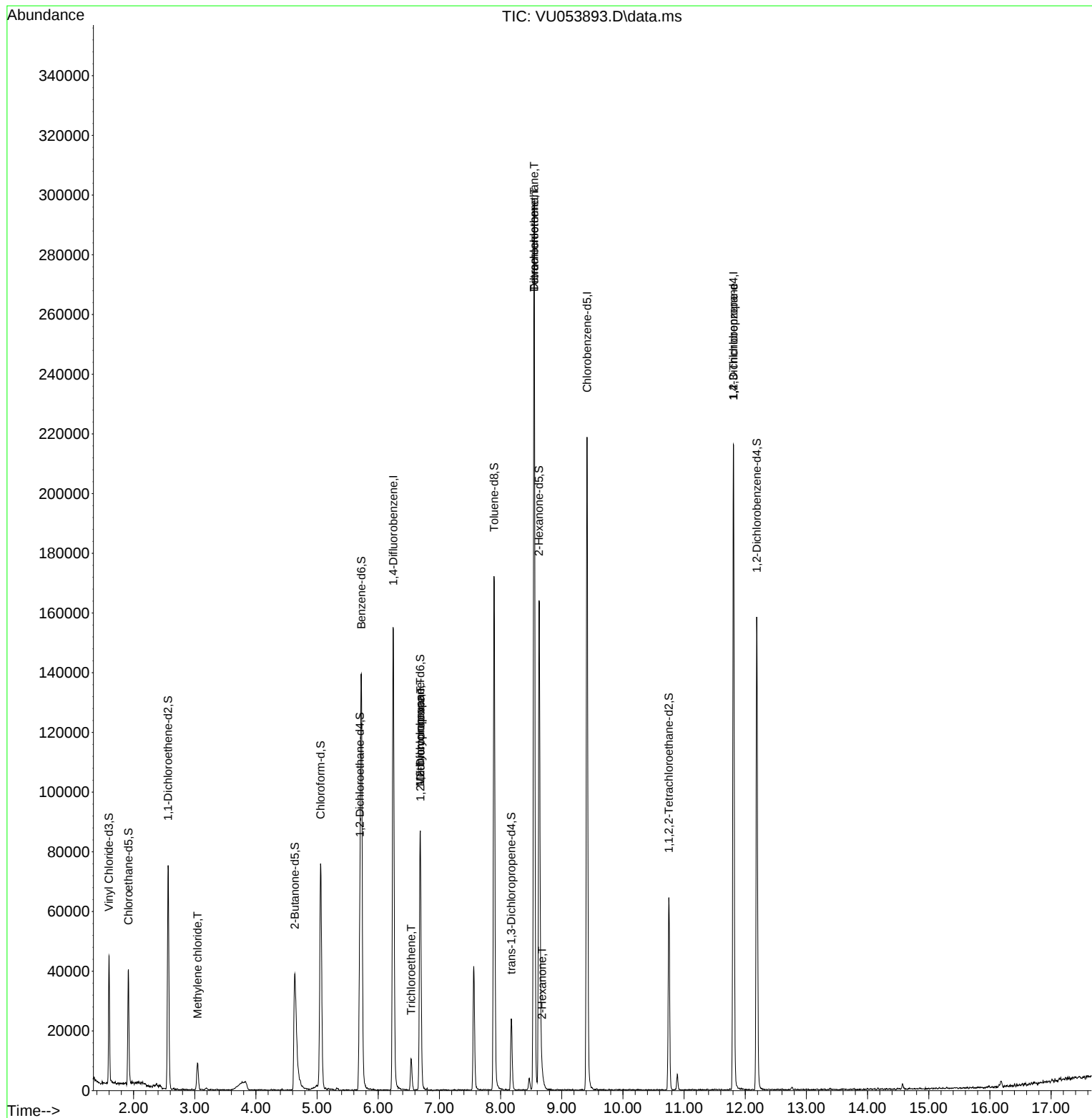
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62560	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33305	4.023	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.915	69	29565	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.565	65	14070	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.636	46	70989	46.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.620%
24) Chloroform-d	5.057	84	69148	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	33327	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.722	84	138790	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	44433	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.893	98	122866	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.176	79	15528	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.629	63	60217	47.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32909	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	44174	4.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	5029	0.431	ug/L	89
34) Trichloroethene	6.539	95	3059	0.309	ug/L	87
35) Methylcyclohexane	6.687	83	9714	0.635	ug/L #	24
37) 1,2-Dichloropropane	6.690	63	4151	0.460	ug/L #	87
47) Tetrachloroethene	8.549	164	65000	8.276	ug/L	99
48) 2-Hexanone	8.677	43	2254	0.729	ug/L #	68
49) Dibromochloromethane	8.549	129	63533	8.873	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6971	1.445	ug/L #	67

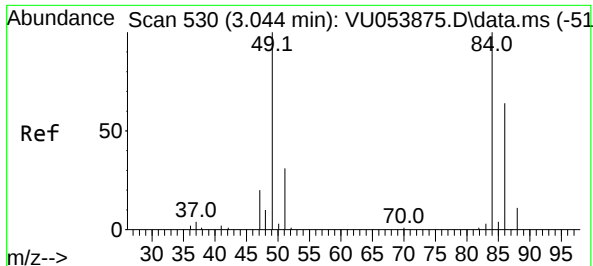
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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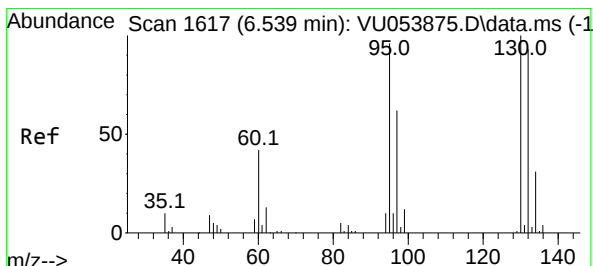
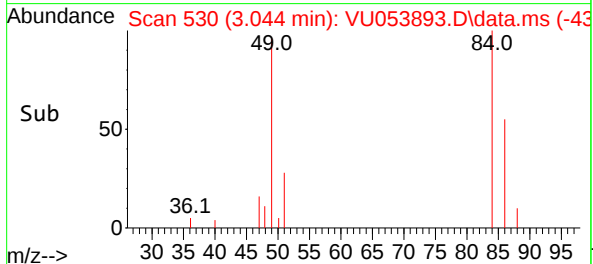
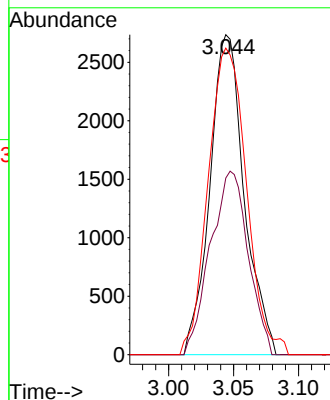
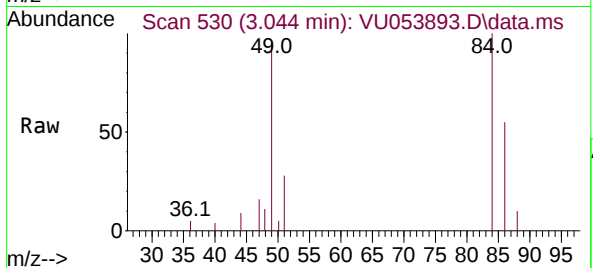




#16
Methylene chloride
Concen: 0.431 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053893.D
Acq: 25 Apr 2023 18:51

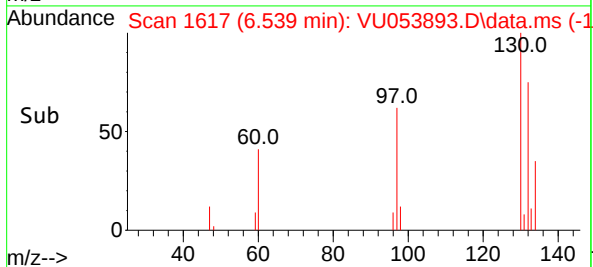
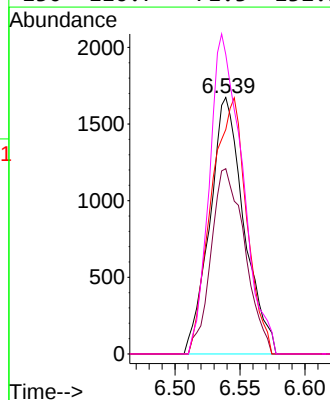
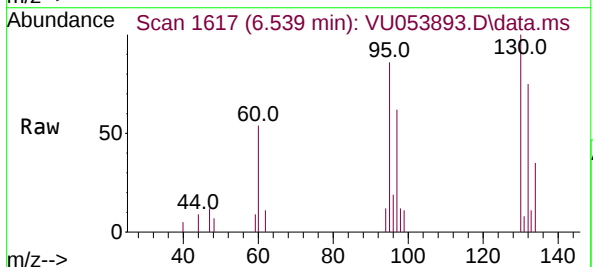
Instrument :
MSVOA_U
ClientSampleId :
BHE43DL

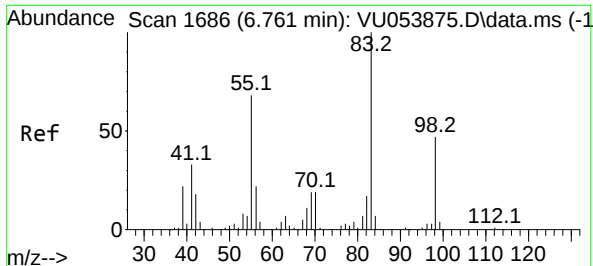
Tgt Ion: 84 Resp: 5029
Ion Ratio Lower Upper
84 100
86 55.2 45.0 83.6
49 95.8 74.8 138.8



#34
Trichloroethene
Concen: 0.309 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053893.D
Acq: 25 Apr 2023 18:51

Tgt Ion: 95 Resp: 3059
Ion Ratio Lower Upper
95 100
97 72.3 45.1 83.9
132 87.6 69.9 129.9
130 116.7 71.3 132.3





#35

Methylcyclohexane

Concen: 0.635 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053893.D

Acq: 25 Apr 2023 18:51

Instrument :

MSVOA_U

ClientSampleId :

BHE43DL

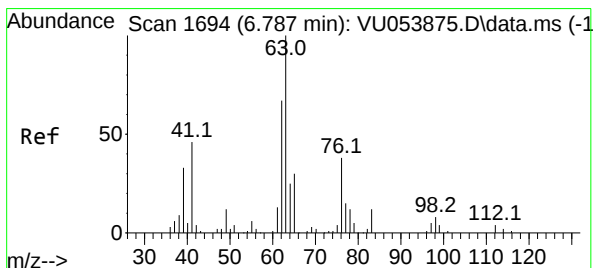
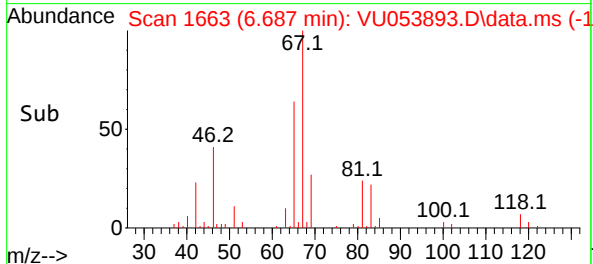
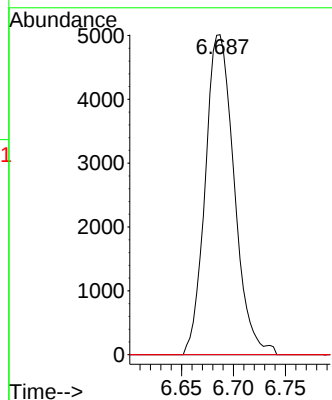
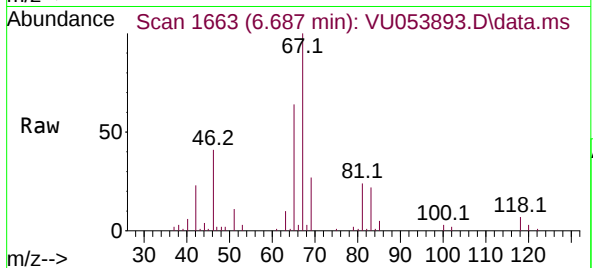
Tgt Ion: 83 Resp: 9714

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 4.2 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.460 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.097 min

Lab File: VU053893.D

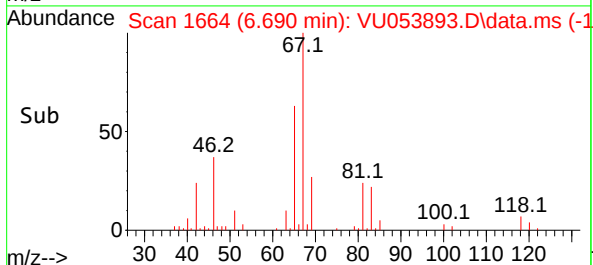
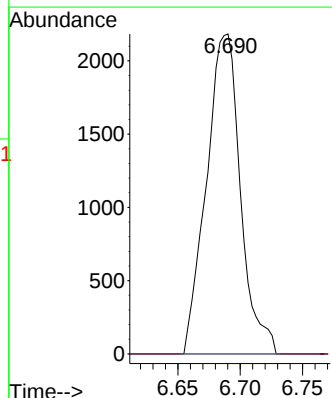
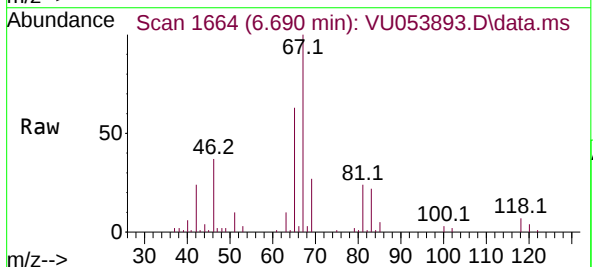
Acq: 25 Apr 2023 18:51

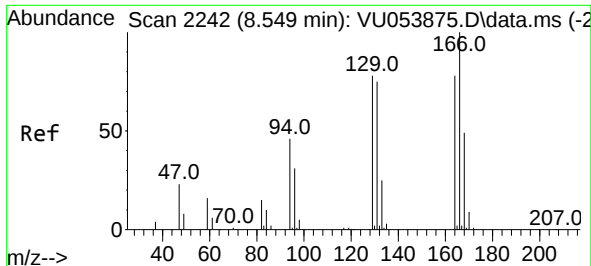
Tgt Ion: 63 Resp: 4151

Ion Ratio Lower Upper

63 100

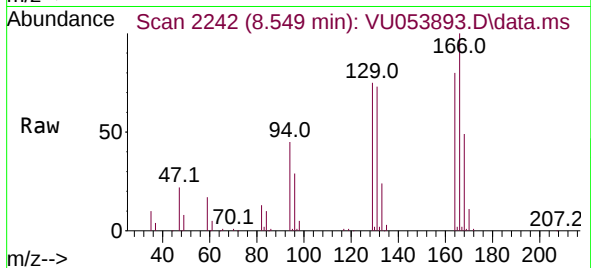
112 0.0 3.5 5.3#



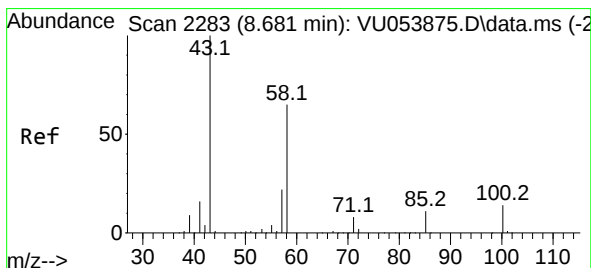
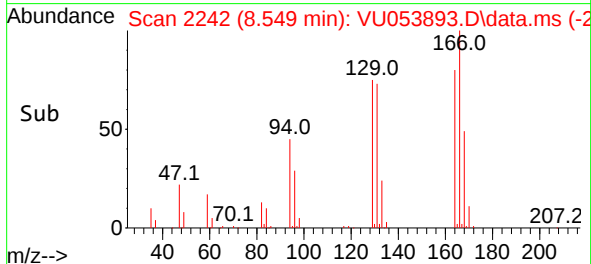
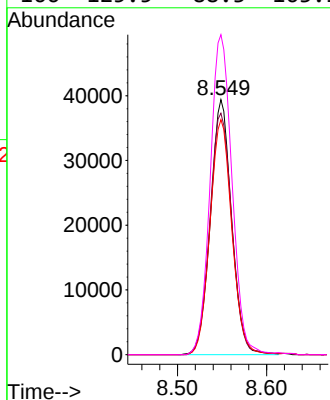


#47
Tetrachloroethene
Concen: 8.276 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053893.D
Acq: 25 Apr 2023 18:51

Instrument :
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ClientSampleId :
BHE43DL

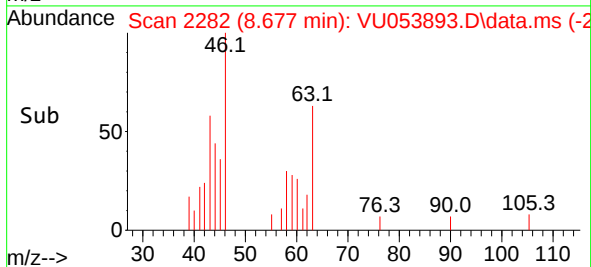
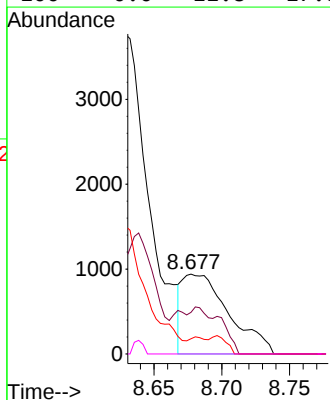
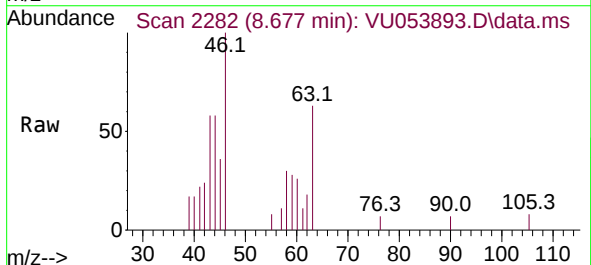


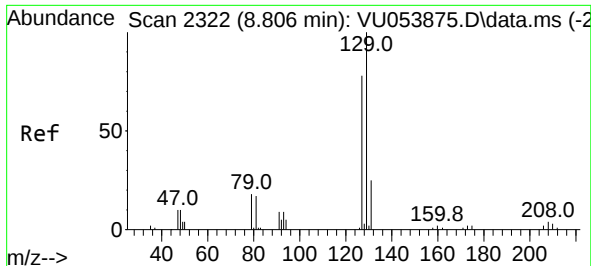
Tgt Ion:164 Resp: 65000
Ion Ratio Lower Upper
164 100
129 94.7 68.3 126.8
131 92.2 64.4 119.6
166 125.5 88.3 163.9



#48
2-Hexanone
Concen: 0.729 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. -0.003 min
Lab File: VU053893.D
Acq: 25 Apr 2023 18:51

Tgt Ion: 43 Resp: 2254
Ion Ratio Lower Upper
43 100
58 38.0 49.8 74.6#
57 7.2 16.9 25.3#
100 0.0 11.8 17.8#

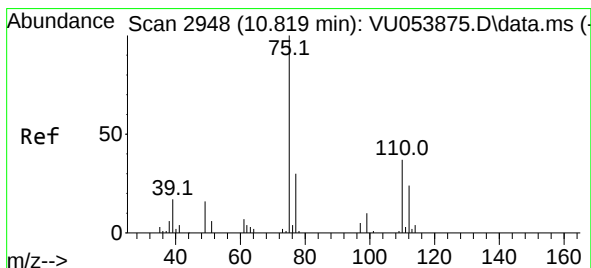
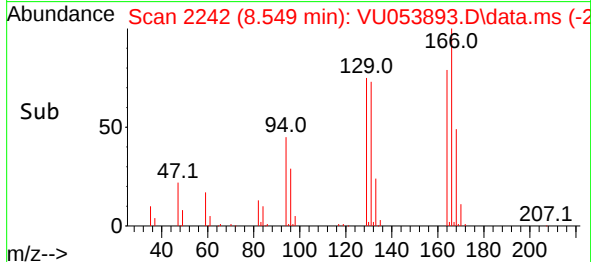
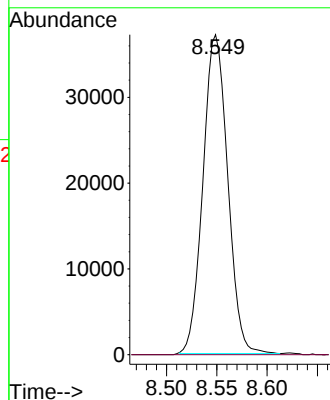
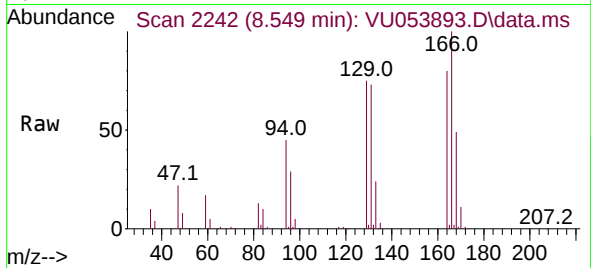




#49
Dibromochloromethane
Concen: 8.873 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053893.D
Acq: 25 Apr 2023 18:51

Instrument :
MSVOA_U
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Tgt Ion:129 Resp: 63533
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.445 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053893.D
Acq: 25 Apr 2023 18:51

Tgt Ion: 75 Resp: 6971
Ion Ratio Lower Upper
75 100
110 1.2 30.7 46.1#
77 32.3 26.2 39.4

