

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053906.D
 Acq On : 26 Apr 2023 12:08
 Operator : JC/MD
 Sample : 02433-21DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE56DL

Quant Time: Apr 27 05:54:10 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)

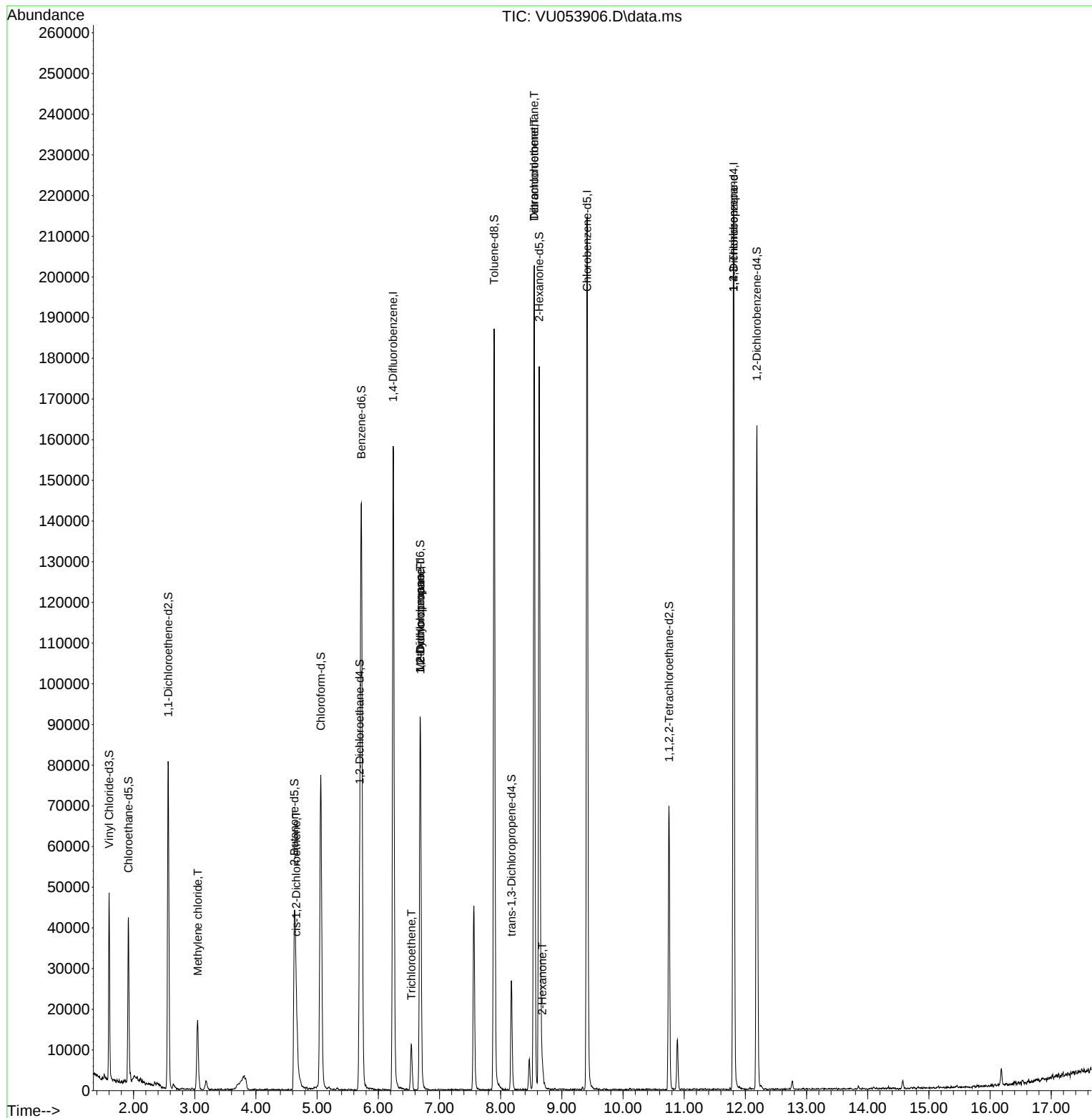
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	136650	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34113	4.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.916	69	31086	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.565	65	15041	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.629	46	78773	51.672	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.340%
24) Chloroform-d	5.060	84	73935	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.697	65	35451	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.723	84	144868	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.684	67	45809	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.893	98	131548	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.176	79	16718	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.629	63	65541	50.755	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34818	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	45704	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	9110	0.777	ug/L	95
22) cis-1,2-Dichloroethene	4.658	96	1284	0.131	ug/L	87
34) Trichloroethene	6.539	95	3861	0.386	ug/L	92
35) Methylcyclohexane	6.684	83	10899	0.706	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4933	0.542	ug/L #	89
47) Tetrachloroethene	8.549	164	46155	5.824	ug/L	99
48) 2-Hexanone	8.681	43	2008	0.643	ug/L #	80
49) Dibromochloromethane	8.549	129	44588	6.171	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7039	1.438	ug/L #	64

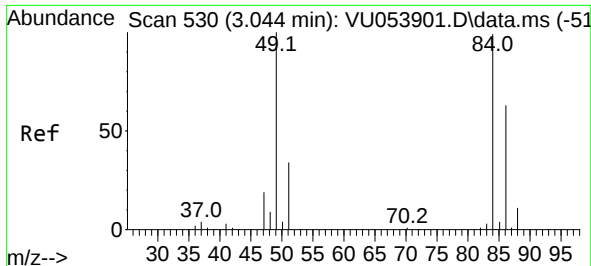
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

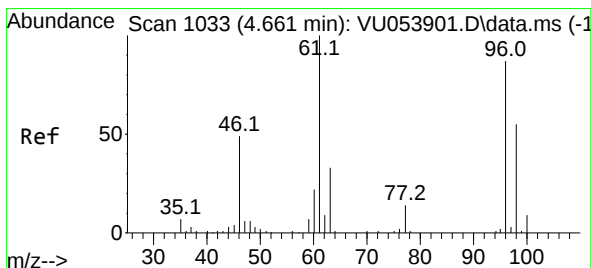
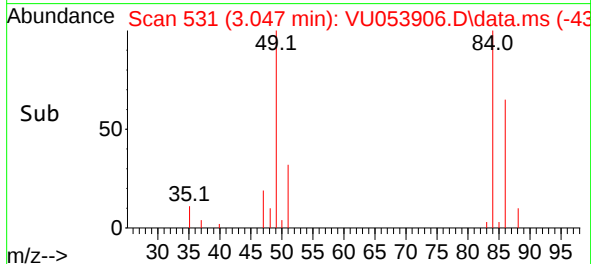
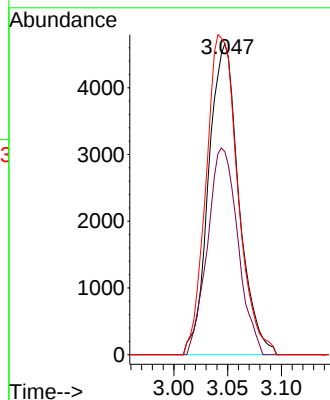
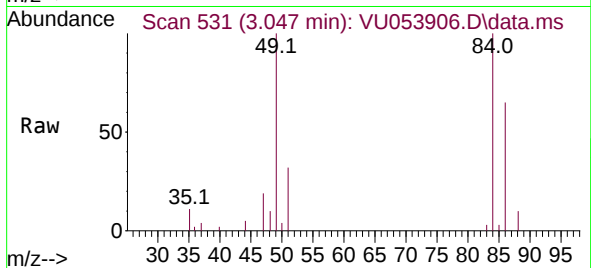




#16
Methylene chloride
Concen: 0.777 ug/L
RT: 3.047 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

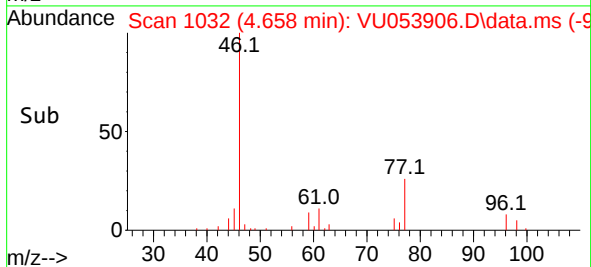
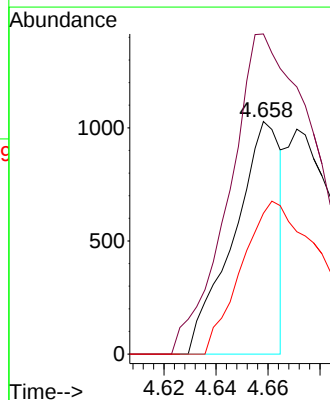
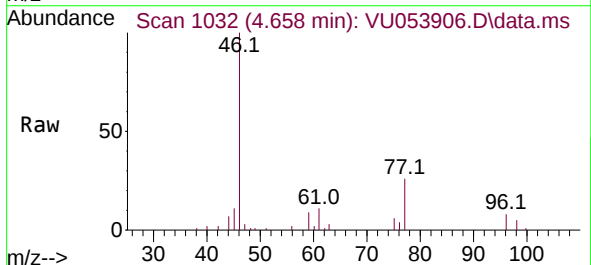
Instrument :
MSVOA_U
ClientSampleId :
BHE56DL

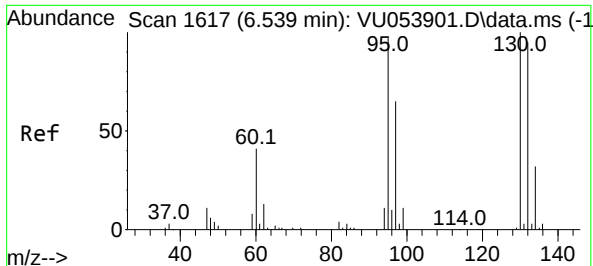
Tgt Ion: 84 Resp: 9110
Ion Ratio Lower Upper
84 100
86 65.3 45.0 83.6
49 100.1 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

Tgt Ion: 96 Resp: 1284
Ion Ratio Lower Upper
96 100
61 137.6 84.3 156.5
98 60.5 46.4 86.2



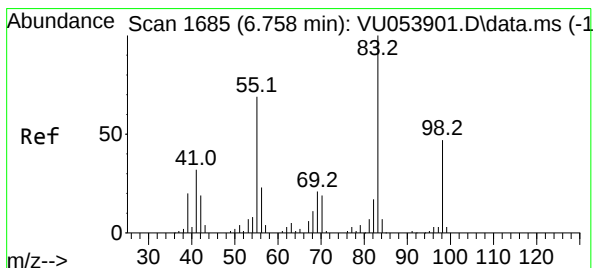
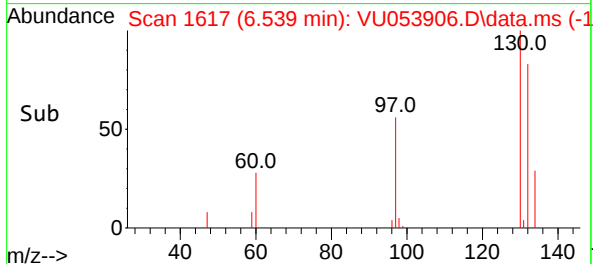
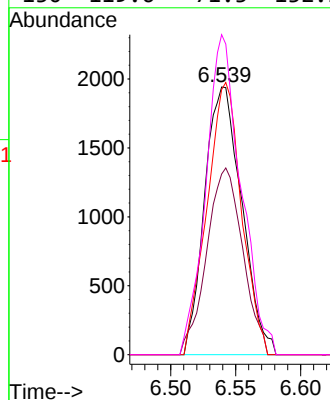
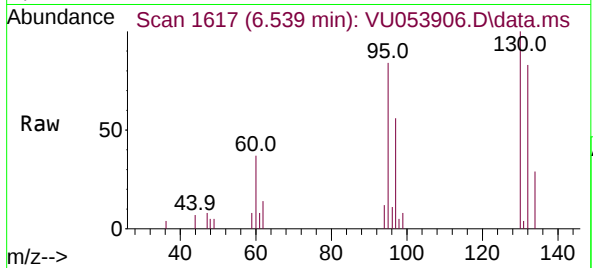


#34
Trichloroethene
Concen: 0.386 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

Instrument :
MSVOA_U
ClientSampleId :
BHE56DL

Tgt Ion: 95 Resp: 3861

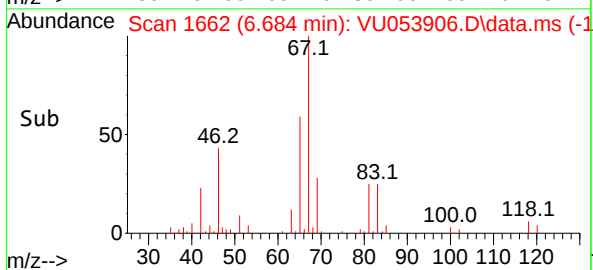
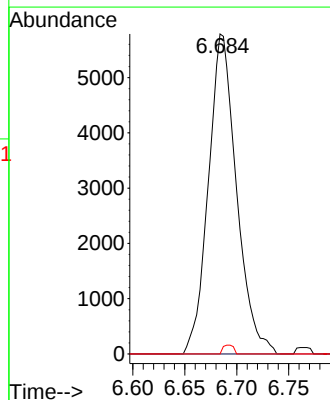
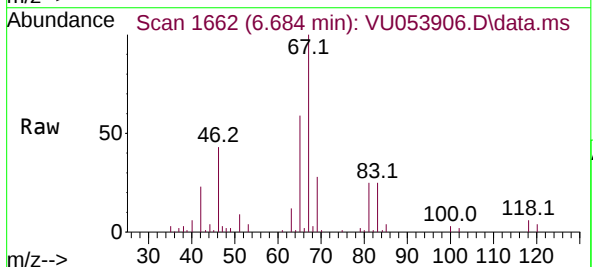
Ion	Ratio	Lower	Upper
95	100		
97	67.5	45.1	83.9
132	99.1	69.9	129.9
130	119.6	71.3	132.3

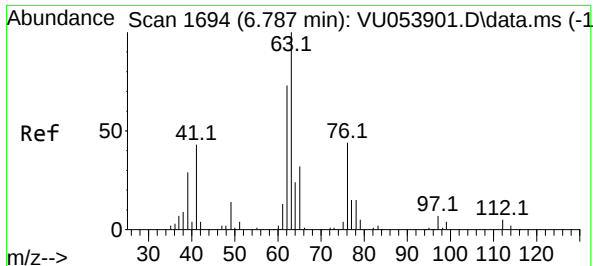


#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

Tgt Ion: 83 Resp: 10899

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.0	37.3	55.9#

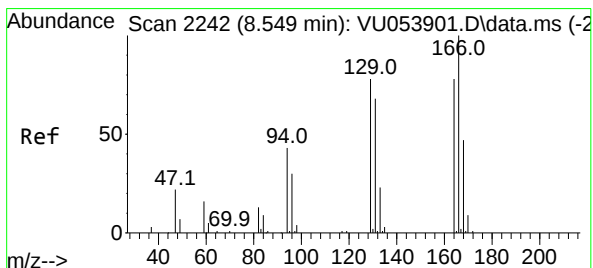
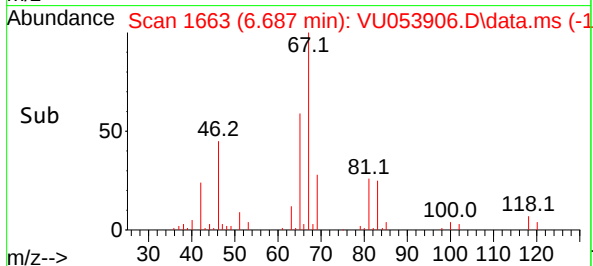
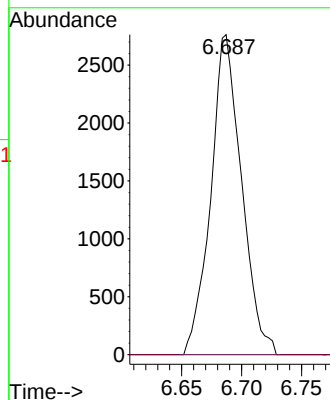
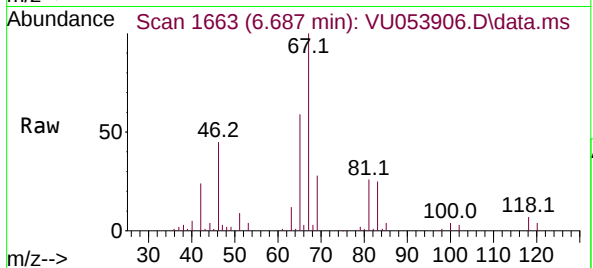




#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

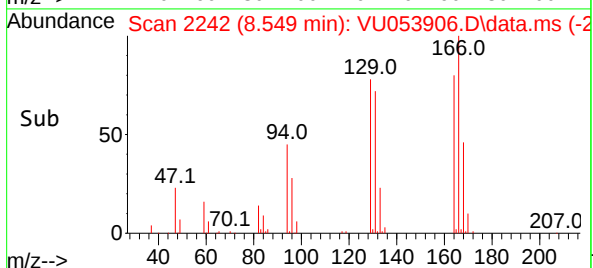
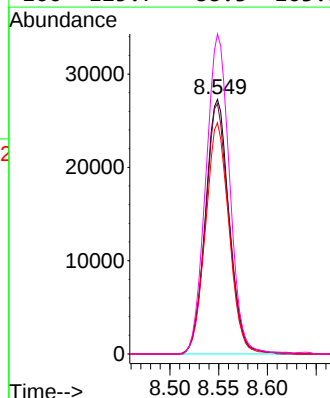
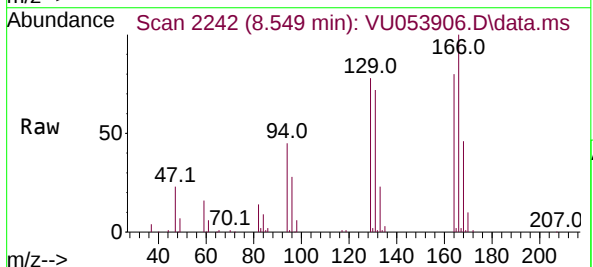
Instrument :
MSVOA_U
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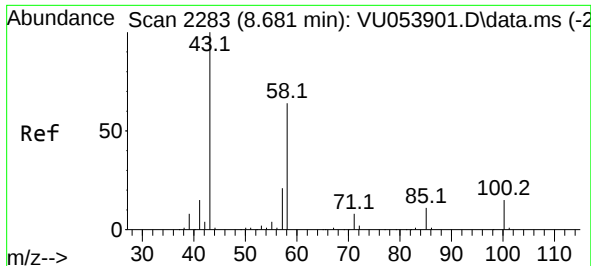
Tgt Ion: 63 Resp: 4933
Ion Ratio Lower Upper
63 100
112 0.9 3.5 5.3#



#47
Tetrachloroethene
Concen: 5.824 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

Tgt Ion: 164 Resp: 46155
Ion Ratio Lower Upper
164 100
129 98.3 68.3 126.8
131 90.8 64.4 119.6
166 125.7 88.3 163.9

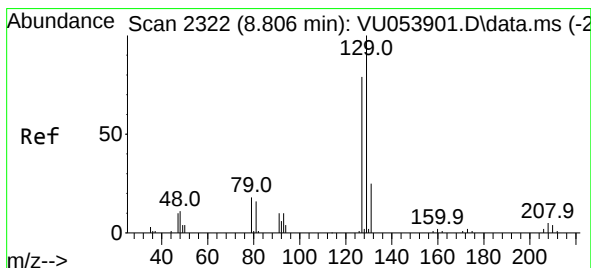
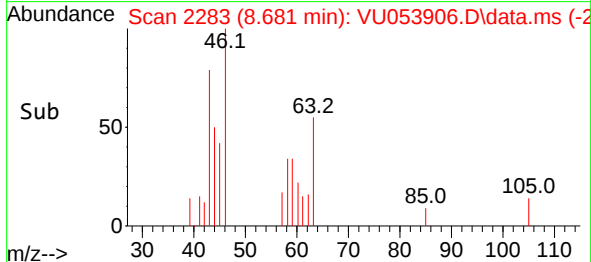
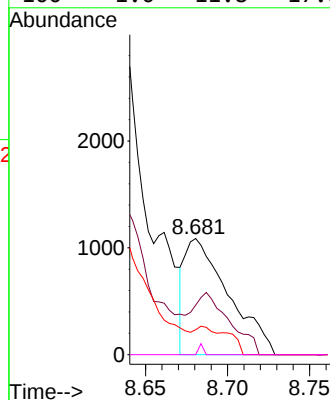
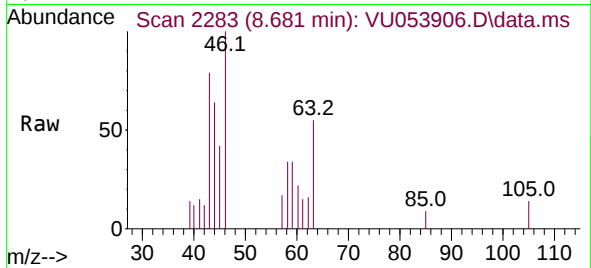




#48
2-Hexanone
Concen: 0.643 ug/L
RT: 8.681 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

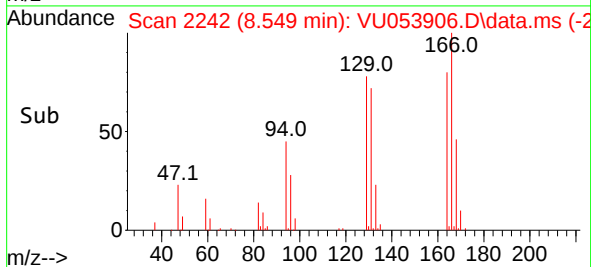
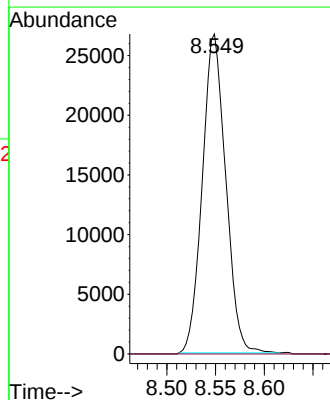
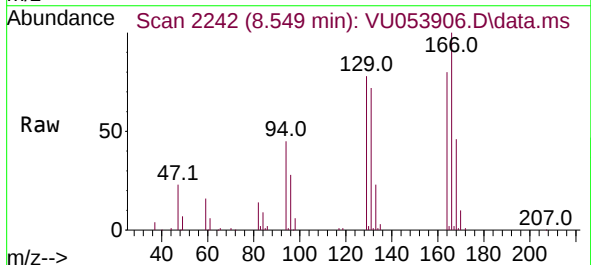
Instrument :
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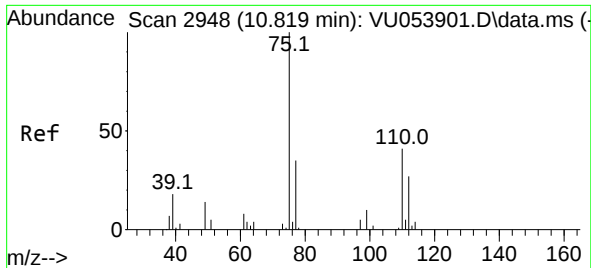
Tgt Ion: 43	Resp: 2008
Ion Ratio	Lower Upper
43 100	
58 45.1	49.8 74.6#
57 18.4	16.9 25.3
100 1.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 6.171 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

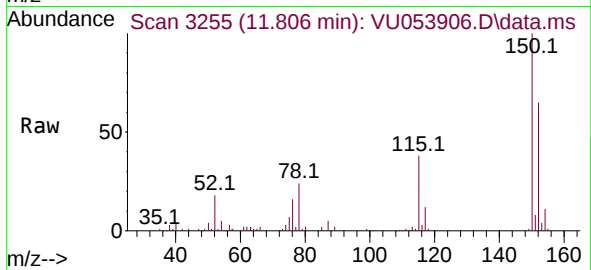
Tgt Ion:129	Resp:	44588	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.438 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053906.D
 Acq: 26 Apr 2023 12:08

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE56DL



Tgt Ion: 75 Resp: 7039
 Ion Ratio Lower Upper
 75 100
 110 1.2 30.7 46.1#
 77 28.7 26.2 39.4

