

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054731.D
 Acq On : 30 Jun 2023 18:45
 Operator : MD/SY
 Sample : 03495-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FB0

Quant Time: Jul 03 06:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

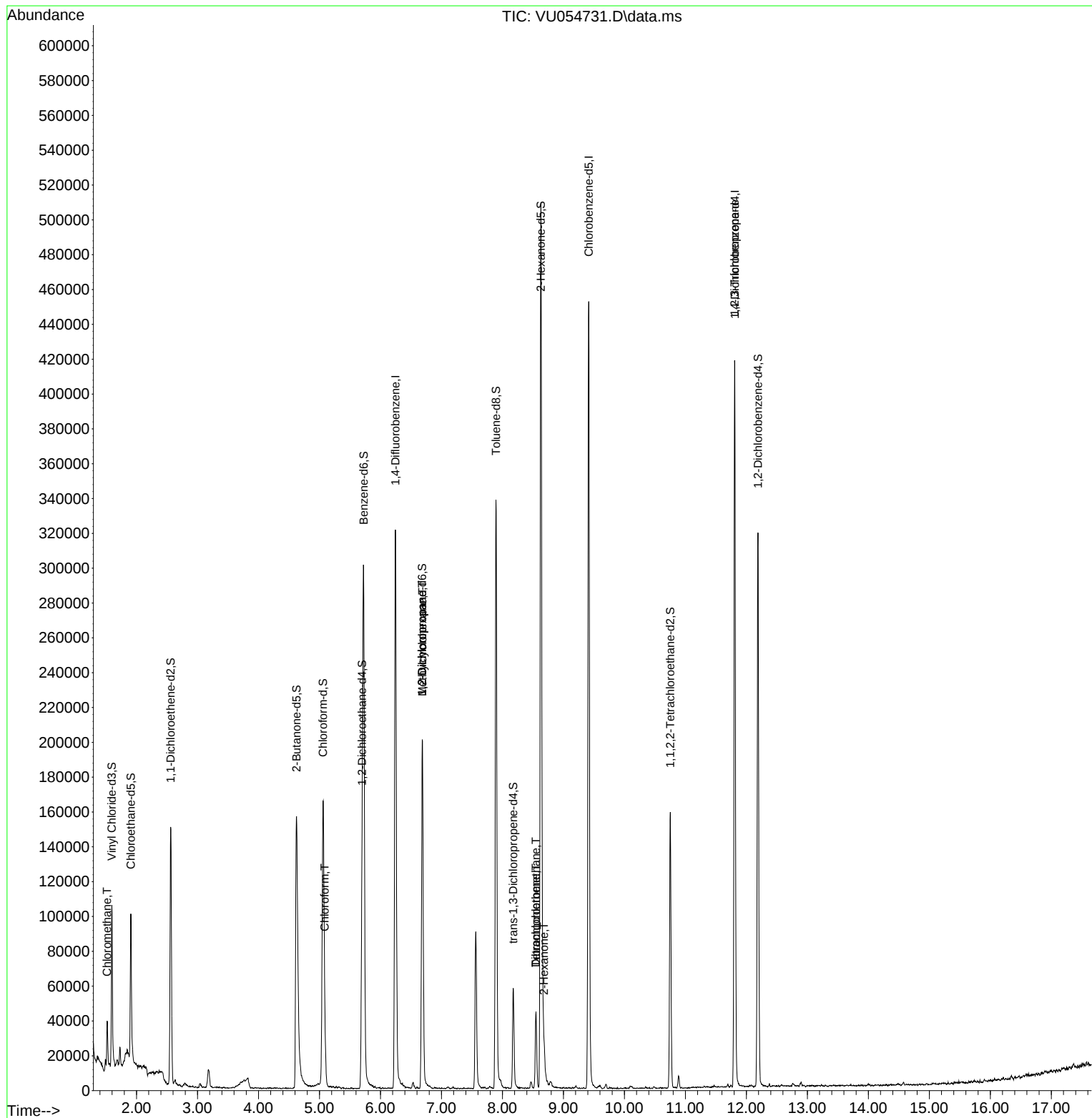
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	251697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70067	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.907	69	67127	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.560	65	29392	4.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.624	46	250228	54.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.300%
24) Chloroform-d	5.058	84	143019	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.698	65	77912	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.724	84	274916	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.685	67	98357	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	225997	3.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.177	79	33462	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.631	63	165658	48.595	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81283	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	85234	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	18365	0.669	ug/L	97
25) Chloroform	5.084	83	22401	0.573	ug/L	95
35) Methylcyclohexane	6.689	83	21995	0.608	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10283	0.420	ug/L #	93
47) Tetrachloroethene	8.550	164	10175	0.556	ug/L	96
48) 2-Hexanone	8.682	43	10632	1.093	ug/L #	76
49) Dibromochloromethane	8.550	129	9685	0.593	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14316	1.294	ug/L #	70

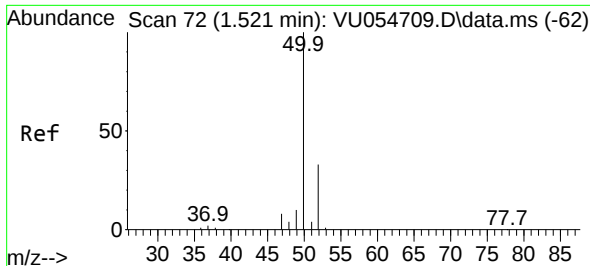
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

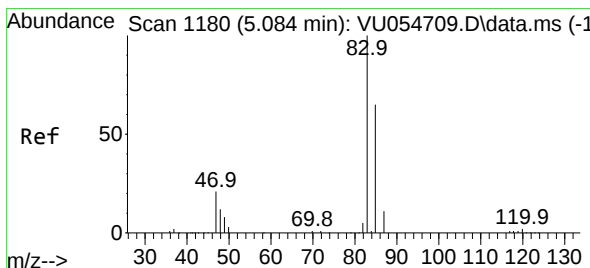
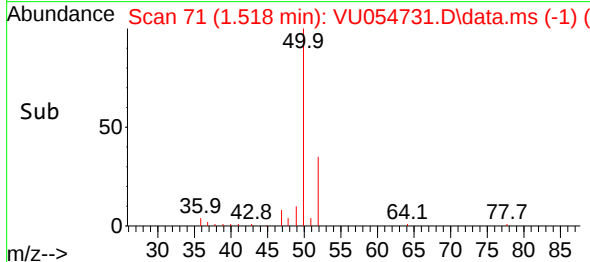
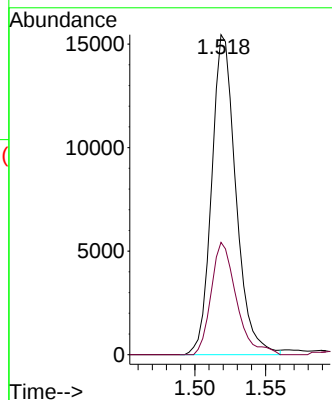
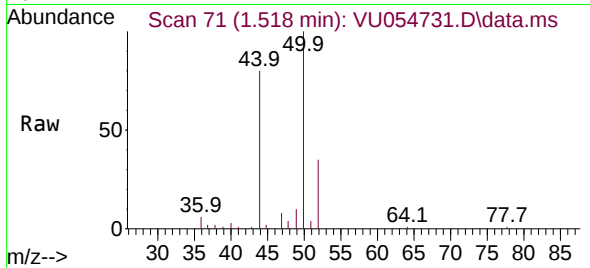




#3
Chloromethane
Concen: 0.669 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

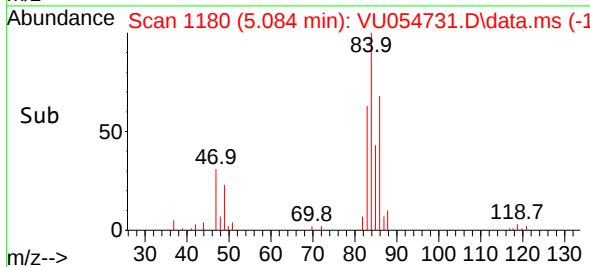
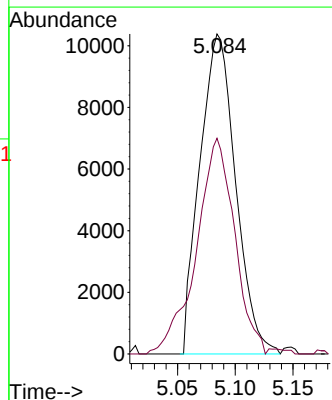
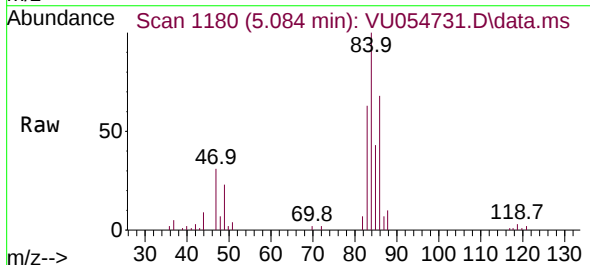
Instrument :
MSVOA_U
ClientSampleId :
H0FB0

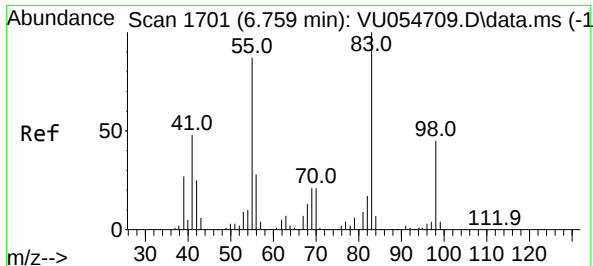
Tgt Ion: 50 Resp: 18365
Ion Ratio Lower Upper
50 100
52 35.1 23.4 43.4



#25
Chloroform
Concen: 0.573 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

Tgt Ion: 83 Resp: 22401
Ion Ratio Lower Upper
83 100
85 67.4 44.7 82.9

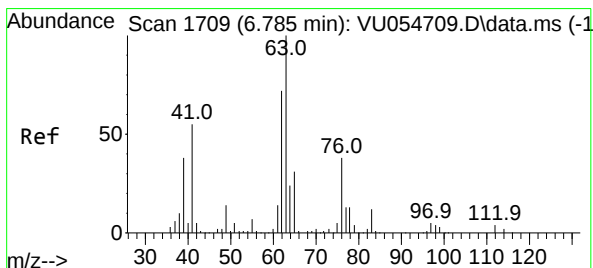
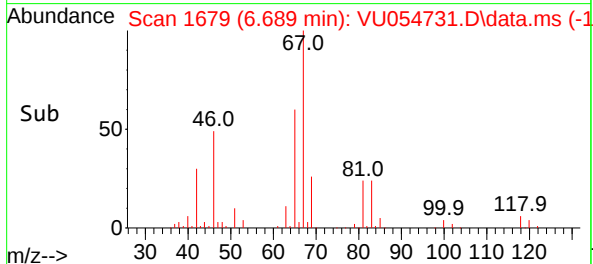
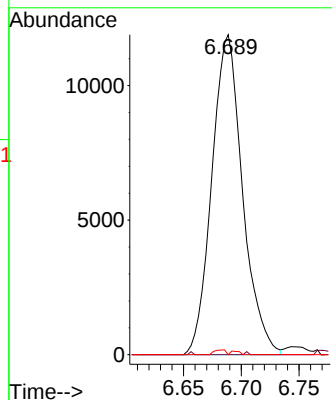
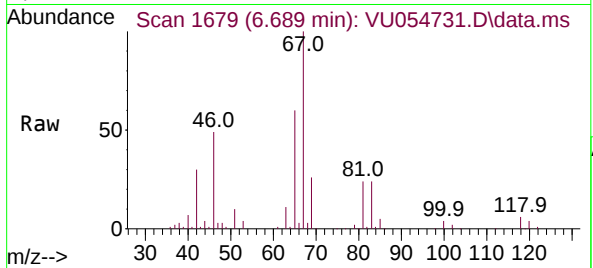




#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

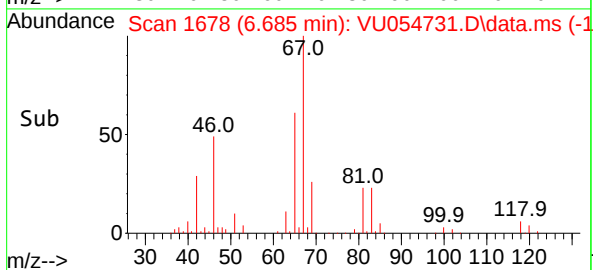
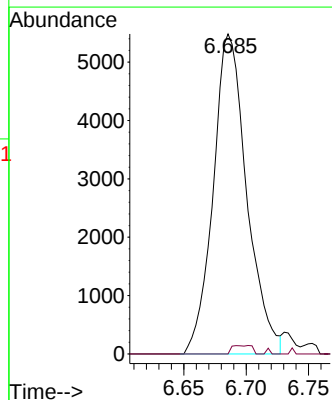
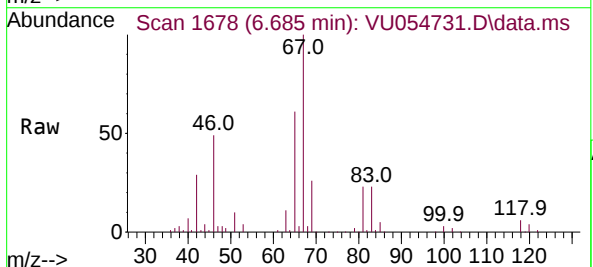
Instrument :
MSVOA_U
ClientSampleId :
H0FB0

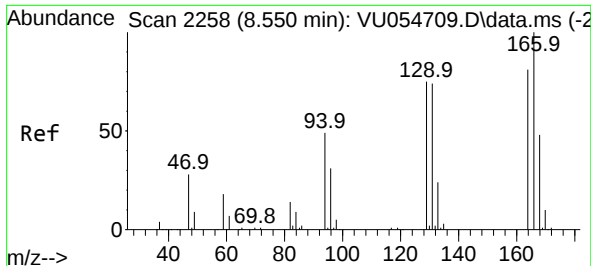
Tgt Ion: 83 Resp: 21995
Ion Ratio Lower Upper
83 100
55 0.1 67.1 100.7#
98 0.6 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.420 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

Tgt Ion: 63 Resp: 10283
Ion Ratio Lower Upper
63 100
112 1.6 3.0 4.6#

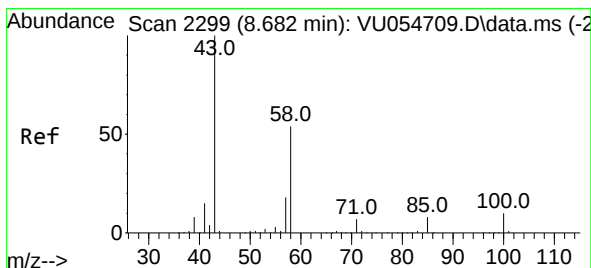
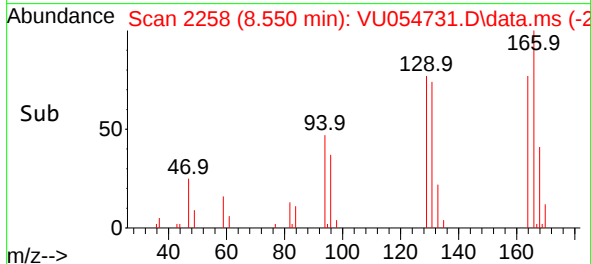
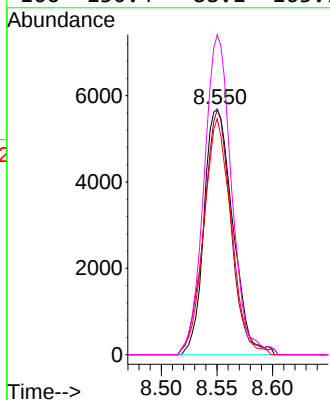
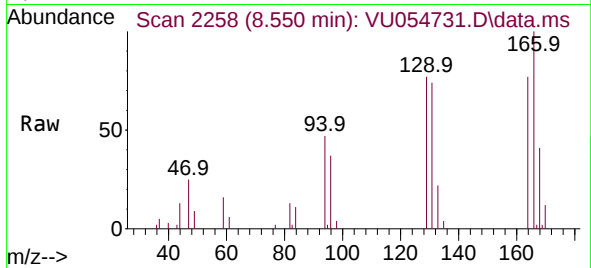




#47
Tetrachloroethene
Concen: 0.556 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

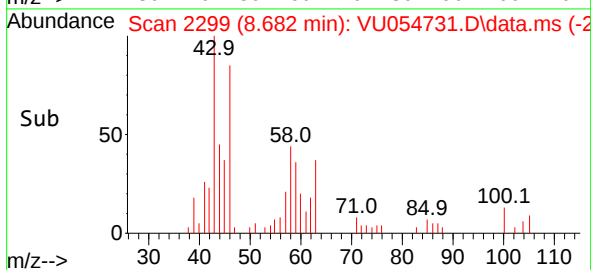
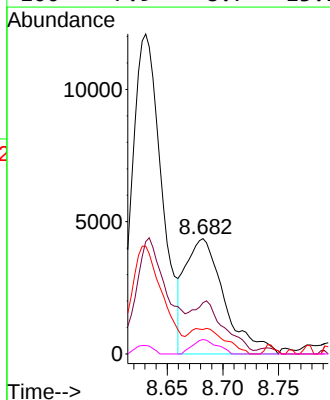
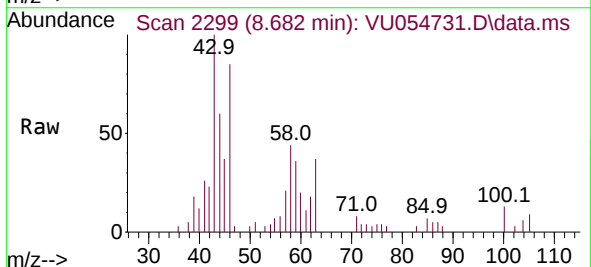
Instrument :
MSVOA_U
ClientSampleId :
H0FB0

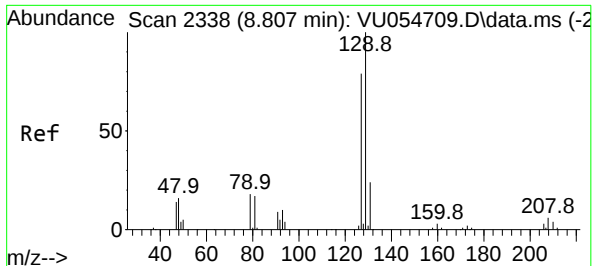
Tgt Ion:164 Resp: 10175
Ion Ratio Lower Upper
164 100
129 99.9 67.7 125.7
131 96.2 64.6 120.0
166 130.4 88.1 163.7



#48
2-Hexanone
Concen: 1.093 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

Tgt Ion: 43 Resp: 10632
Ion Ratio Lower Upper
43 100
58 30.0 45.2 67.8#
57 19.6 15.8 23.6
100 7.9 8.7 13.1#

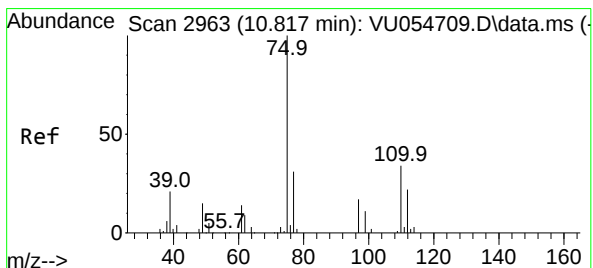
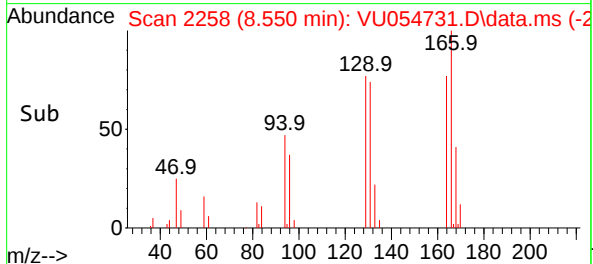
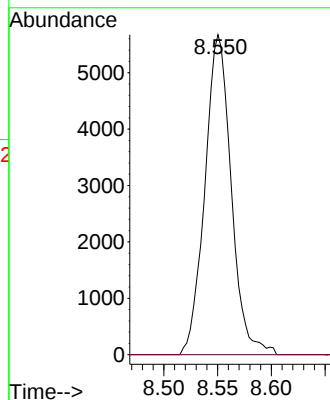
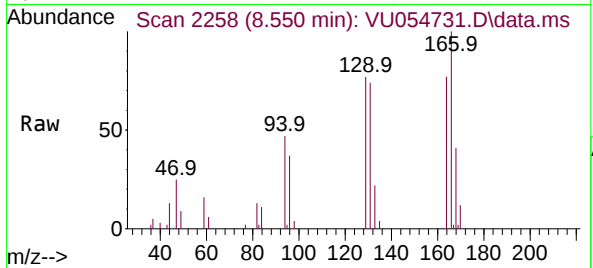




#49
Dibromochloromethane
Concen: 0.593 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

Instrument :
MSVOA_U
ClientSampleId :
H0FB0

Tgt Ion:129 Resp: 9685
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.294 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054731.D
Acq: 30 Jun 2023 18:45

Tgt Ion: 75 Resp: 14316
Ion Ratio Lower Upper
75 100
110 1.7 28.0 42.0#
77 31.6 25.4 38.2

