

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055946.D
 Acq On : 28 Oct 2023 01:41
 Operator : MD/SY
 Sample : 05113-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 02:01:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

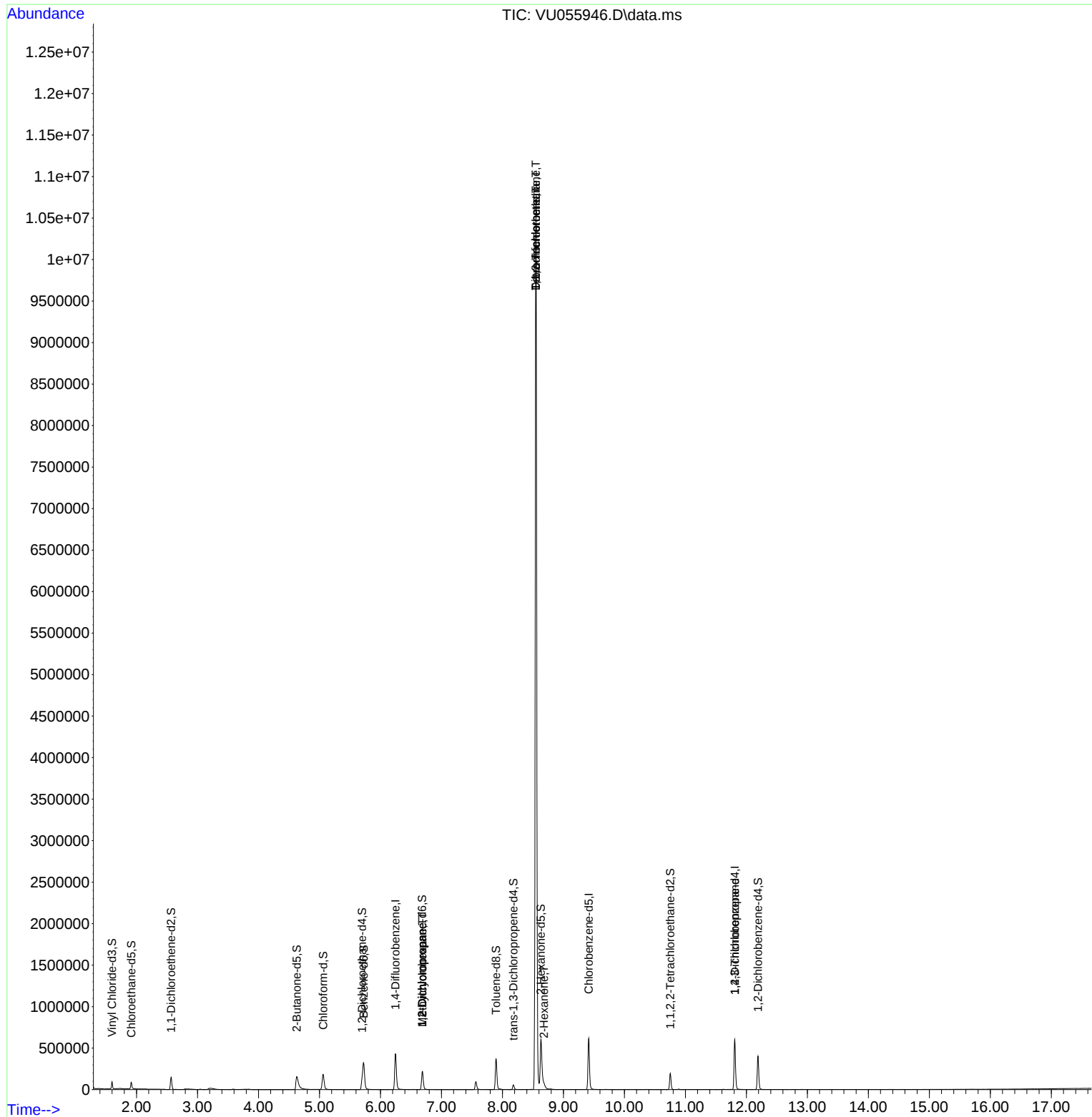
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	375674	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	368837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	173119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62000	2.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	41.800%
7) Chloroethane-d5	1.914	69	62144	2.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.600%#
11) 1,1-Dichloroethene-d2	2.567	65	27639	2.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.800%#
20) 2-Butanone-d5	4.628	46	276560	52.166	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	5.062	84	180135	3.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
26) 1,2-Dichloroethane-d4	5.698	65	90891	3.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
32) Benzene-d6	5.724	84	319966	2.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.200%#
36) 1,2-Dichloropropane-d6	6.685	67	113985	3.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.894	98	259131	2.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.000%#
43) trans-1,3-Dichloroprop...	8.181	79	36178	2.840	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.800%
46) 2-Hexanone-d5	8.631	63	219681	67.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.880%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102136	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	112919	3.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.000%#
Target Compounds						Qvalue
35) Methylcyclohexane	6.689	83	26921	0.876	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	11734	0.543	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	20131	1.325	ug/L #	1
47) Tetrachloroethene	8.550	164	2418424	151.670	ug/L	97
48) 2-Hexanone	8.682	43	21879	2.671	ug/L #	90
49) Dibromochloromethane	8.550	129	2416821	144.878	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	19135	1.610	ug/L #	66

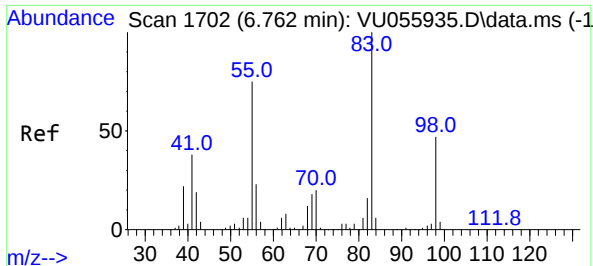
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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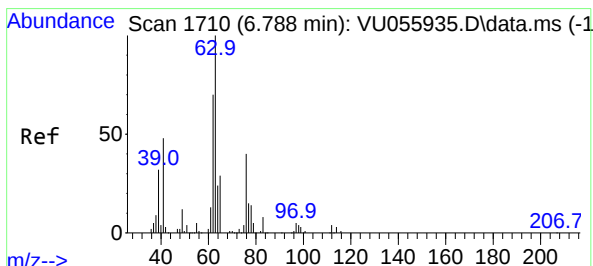
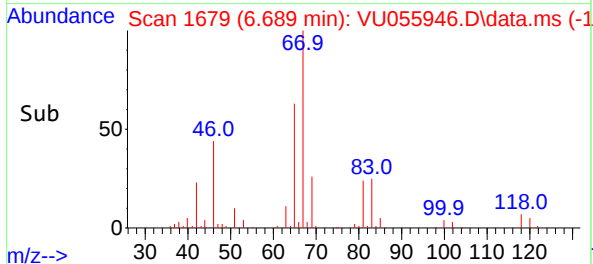
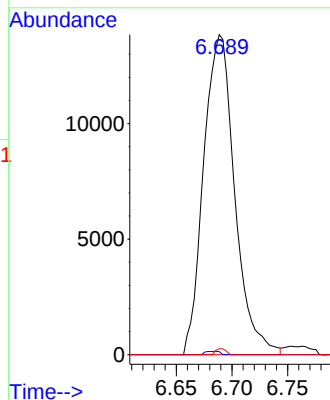
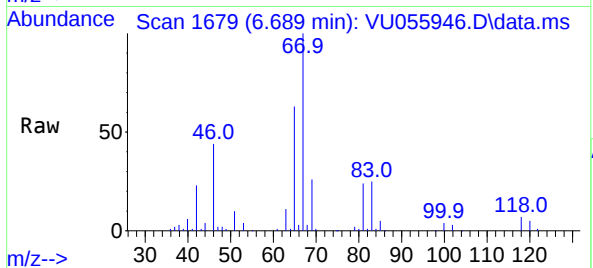




#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055946.D
Acq: 28 Oct 2023 01:41

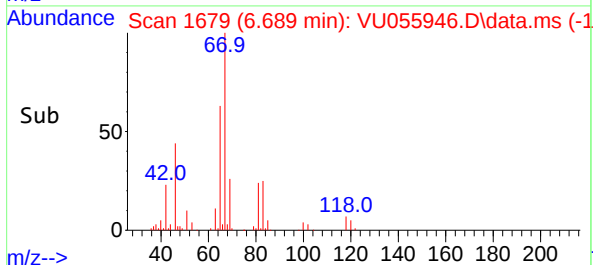
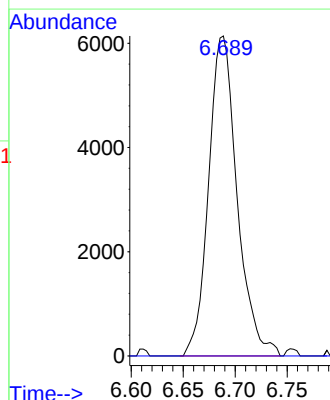
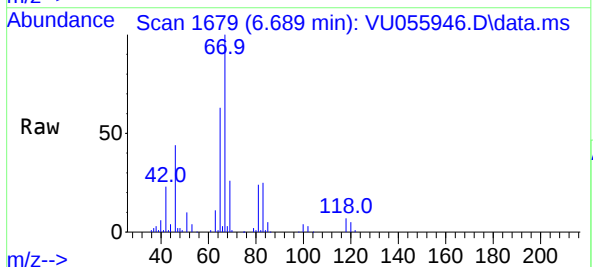
Instrument :
MSVOA_U
ClientSampleId :

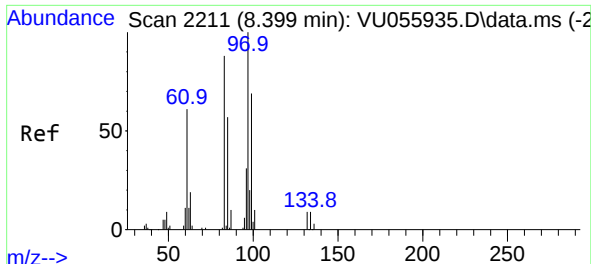
Tgt Ion: 83 Resp: 26921
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 0.6 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU055946.D
Acq: 28 Oct 2023 01:41

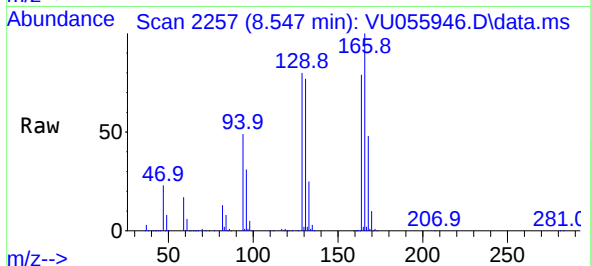
Tgt Ion: 63 Resp: 11734
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#



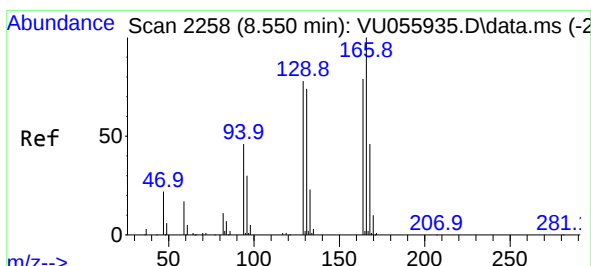
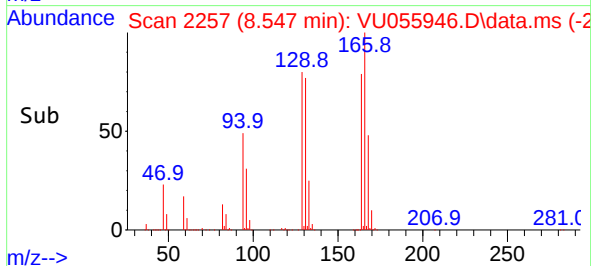
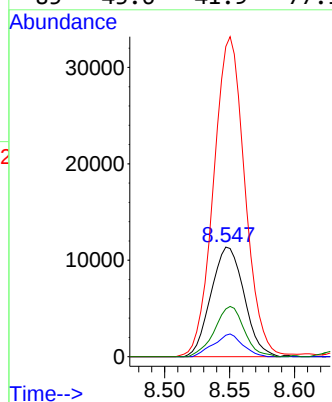


#45
1,1,2-Trichloroethane
Concen: 1.325 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU055946.D
Acq: 28 Oct 2023 01:41

Instrument :
MSVOA_U
ClientSampleId :

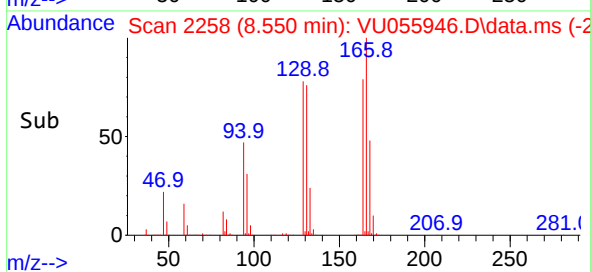
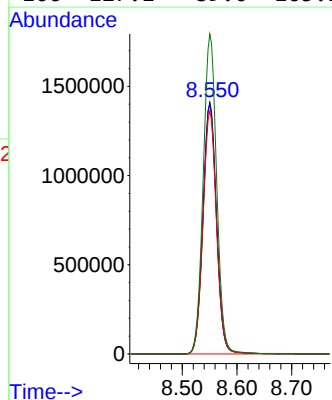
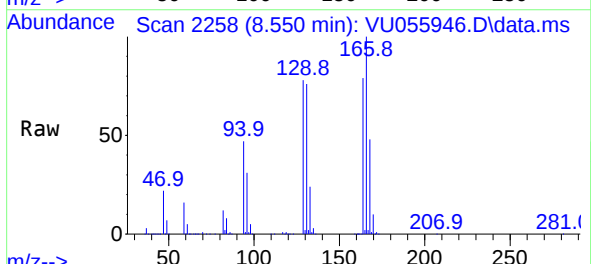


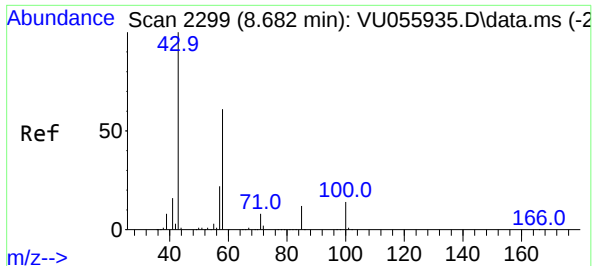
Tgt Ion: 97	Resp: 20131
Ion Ratio	Lower Upper
97	100
99	19.6 45.3 84.1#
83	283.1 61.9 115.1#
85	43.6 41.9 77.9



#47
Tetrachloroethene
Concen: 151.670 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055946.D
Acq: 28 Oct 2023 01:41

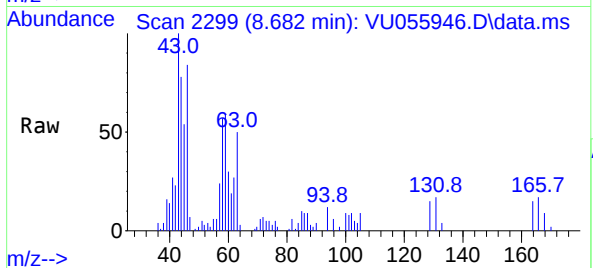
Tgt Ion: 164	Resp: 2418424
Ion Ratio	Lower Upper
164	100
129	99.3 72.2 134.0
131	96.6 70.8 131.6
166	127.1 89.0 165.2



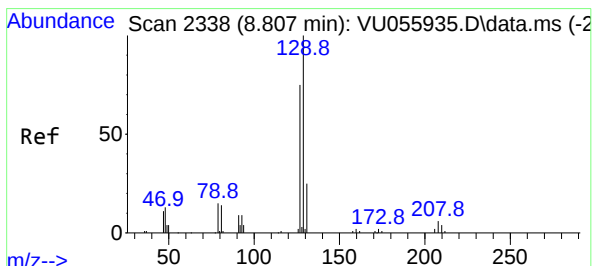
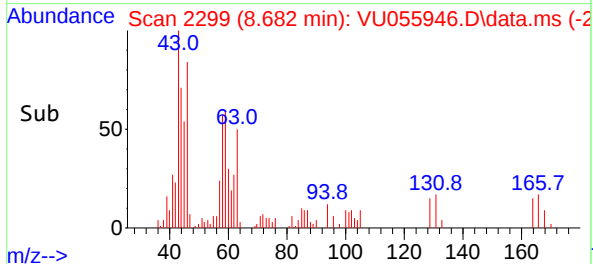
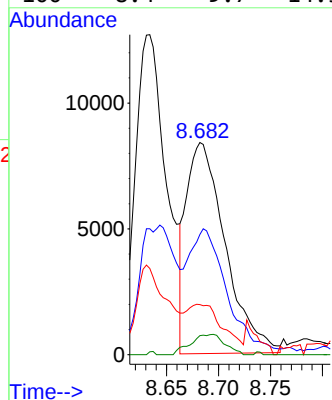


#48
2-Hexanone
Concen: 2.671 ug/L
RT: 8.682 min Scan# 21879
Delta R.T. -0.000 min
Lab File: VU055946.D
Acq: 28 Oct 2023 01:41

Instrument :
MSVOA_U
ClientSampleId :

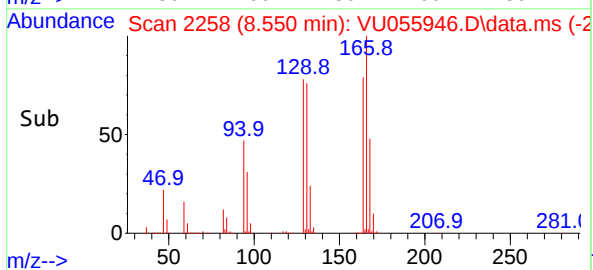
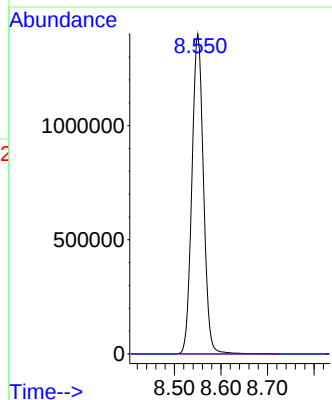
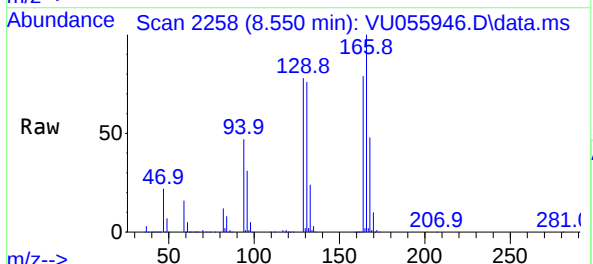


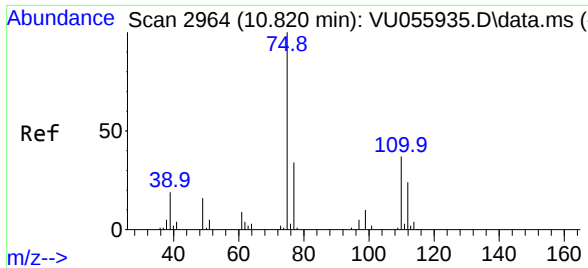
Tgt Ion: 43 Resp: 21879
Ion Ratio Lower Upper
43 100
58 52.2 49.5 74.3
57 21.9 16.9 25.3
100 8.4 9.7 14.5#



#49
Dibromochloromethane
Concen: 144.878 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055946.D
Acq: 28 Oct 2023 01:41

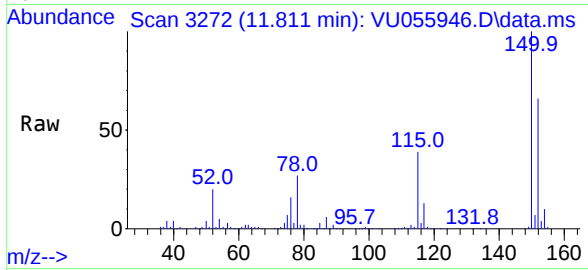
Tgt Ion:129 Resp: 2416821
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.610 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU055946.D
 Acq: 28 Oct 2023 01:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19135
 Ion Ratio Lower Upper
 75 100
 110 3.6 29.0 43.6#
 77 34.9 24.5 36.7

