

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055945.D
 Acq On : 28 Oct 2023 01:17
 Operator : MD/SY
 Sample : 05113-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 02:01:14 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

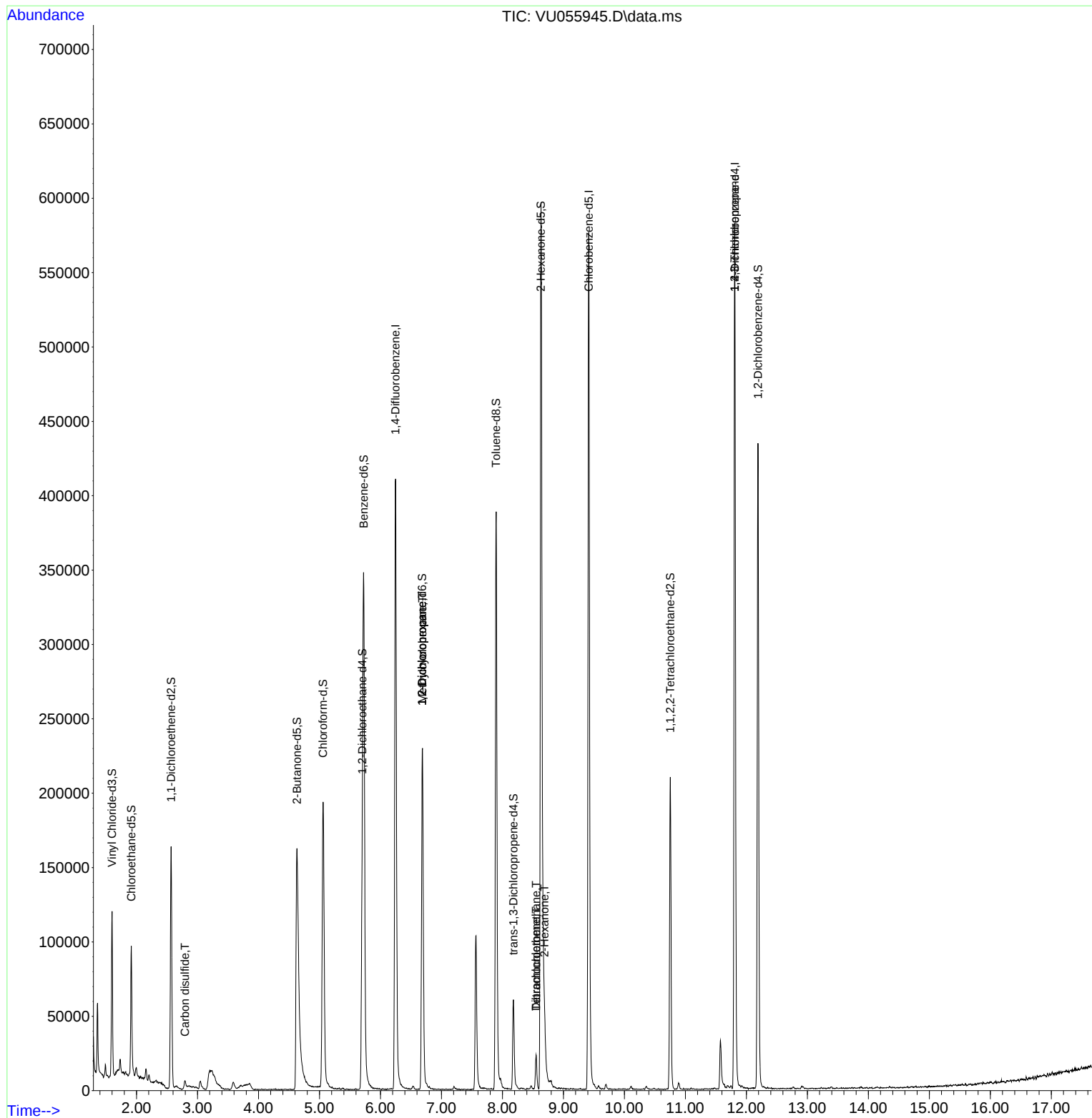
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	353819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	349112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	163748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	65821	2.352	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.000%
7) Chloroethane-d5	1.914	69	66424	3.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.800%#
11) 1,1-Dichloroethene-d2	2.567	65	31060	2.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	4.631	46	288637	57.806	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.620%
24) Chloroform-d	5.058	84	194188	3.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.701	65	96813	3.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
32) Benzene-d6	5.724	84	347690	3.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.800%#
36) 1,2-Dichloropropane-d6	6.685	67	121640	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.897	98	278960	2.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.200%#
43) trans-1,3-Dichloroprop...	8.180	79	38582	3.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.000%
46) 2-Hexanone-d5	8.631	63	216796	70.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.660%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109277	4.868	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	120927	3.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.795	76	6667	0.152	ug/L #	95
35) Methylcyclohexane	6.689	83	29106	1.001	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12252	0.599	ug/L #	90
47) Tetrachloroethene	8.553	164	5012	0.332	ug/L	88
48) 2-Hexanone	8.688	43	22953	2.960	ug/L #	88
49) Dibromochloromethane	8.553	129	5205	0.330	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18476	1.643	ug/L #	63

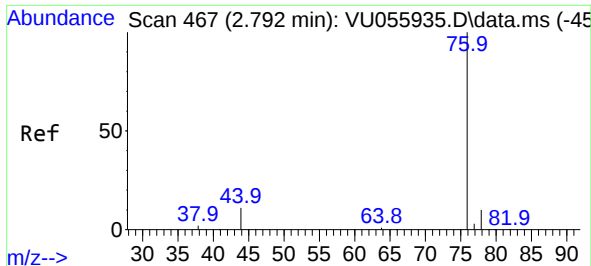
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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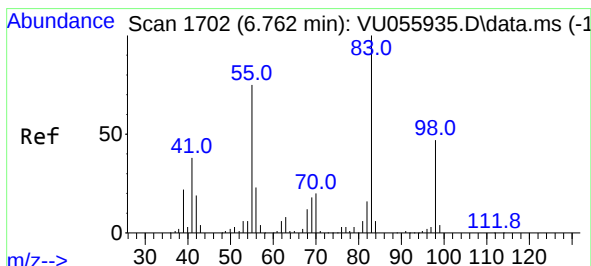
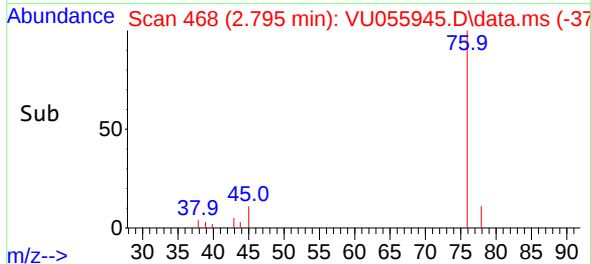
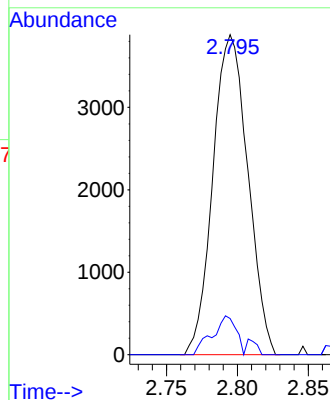
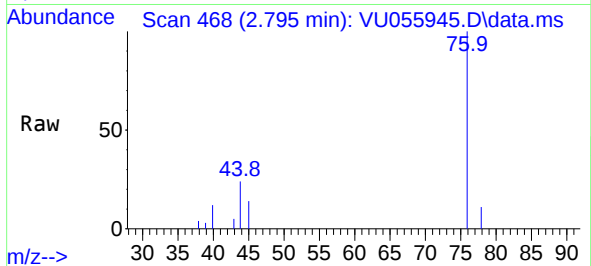




#14
Carbon disulfide
Concen: 0.152 ug/L
RT: 2.795 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU055945.D
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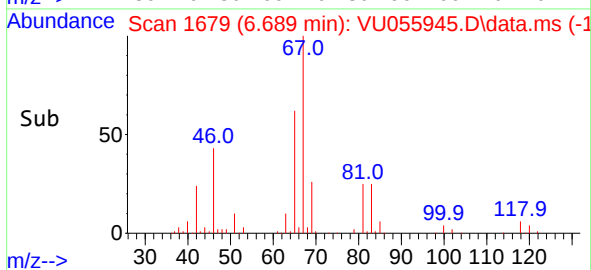
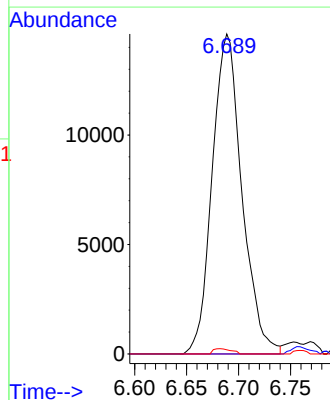
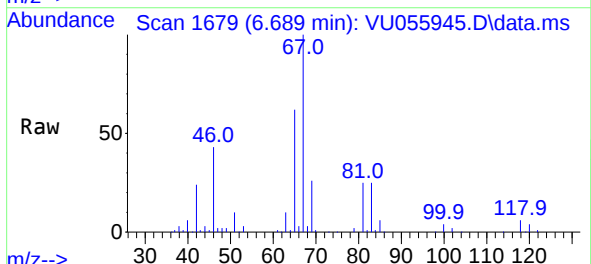
Instrument :
MSVOA_U
ClientSampleId :

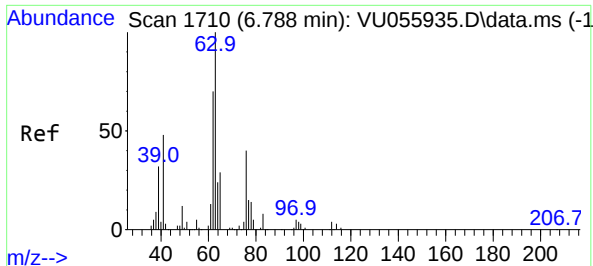
Tgt Ion: 76 Resp: 6667
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3#



#35
Methylcyclohexane
Concen: 1.001 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055945.D
Acq: 28 Oct 2023 01:17

Tgt Ion: 83 Resp: 29106
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 1.0 37.4 56.2#

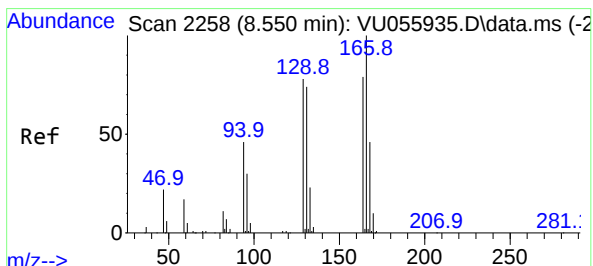
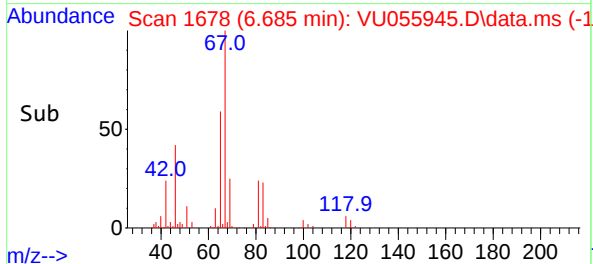
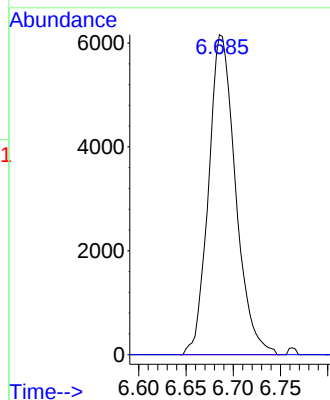
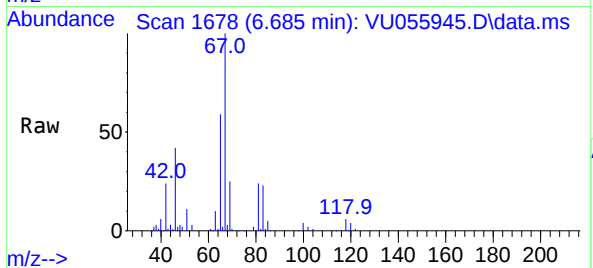




#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055945.D
Acq: 28 Oct 2023 01:17

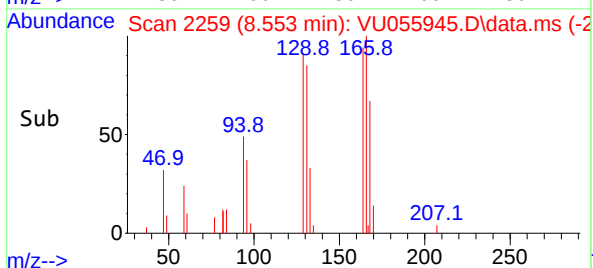
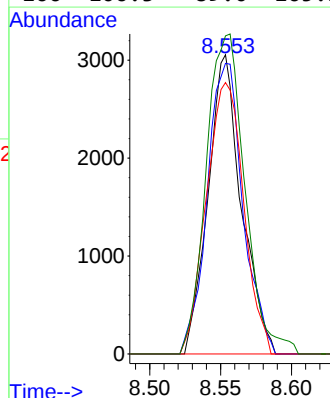
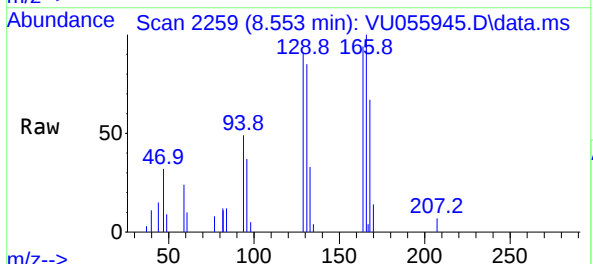
Instrument :
MSVOA_U
ClientSampleId :

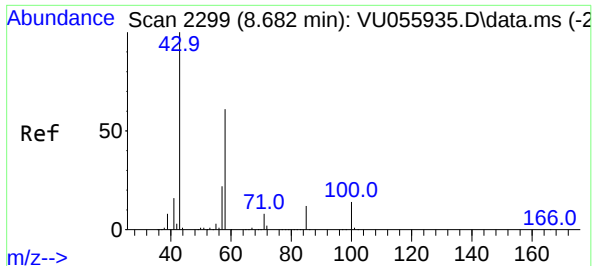
Tgt Ion: 63 Resp: 12252
Ion Ratio Lower Upper
63 100
112 0.6 3.1 4.7#



#47
Tetrachloroethene
Concen: 0.332 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055945.D
Acq: 28 Oct 2023 01:17

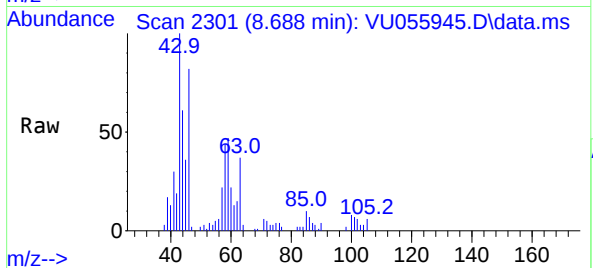
Tgt Ion:164 Resp: 5012
Ion Ratio Lower Upper
164 100
129 97.1 72.2 134.0
131 90.7 70.8 131.6
166 106.3 89.0 165.2



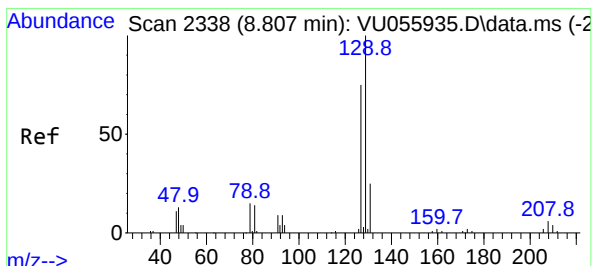
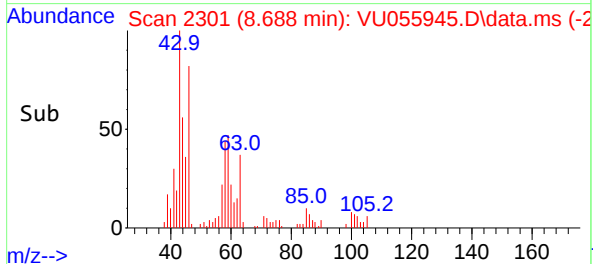
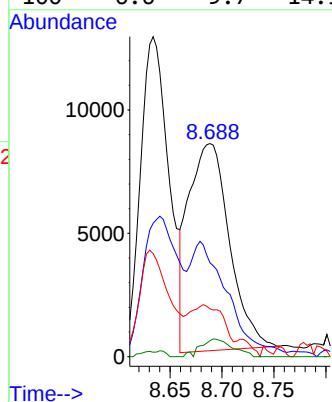


#48
2-Hexanone
Concen: 2.960 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055945.D
Acq: 28 Oct 2023 01:17

Instrument :
MSVOA_U
ClientSampleId :

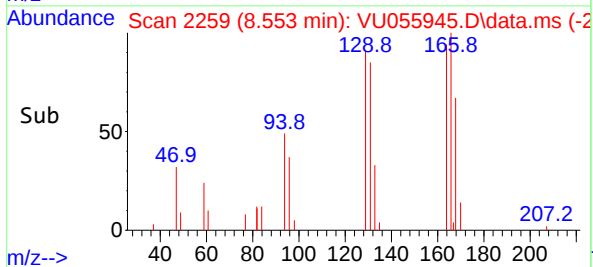
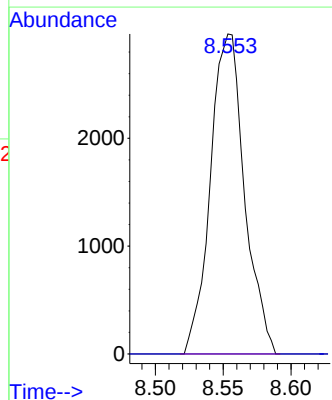
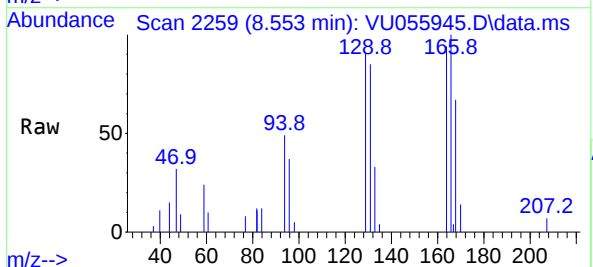


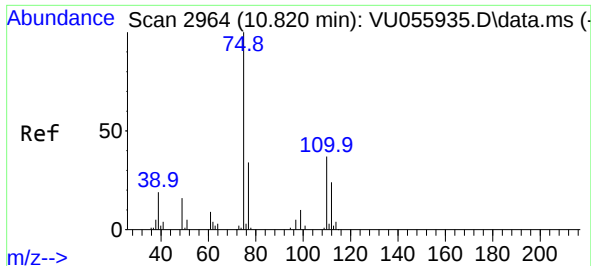
Tgt Ion: 43 Resp: 22953
Ion Ratio Lower Upper
43 100
58 50.3 49.5 74.3
57 20.4 16.9 25.3
100 6.6 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.330 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU055945.D
Acq: 28 Oct 2023 01:17

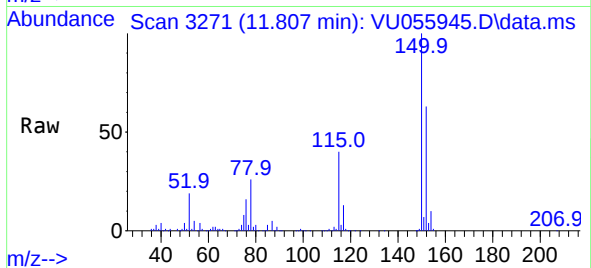
Tgt Ion: 129 Resp: 5205
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.643 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055945.D
Acq: 28 Oct 2023 01:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	18476
Ion	Ratio	Lower	Upper
75	100		
110	2.9	29.0	43.6#
77	37.9	24.5	36.7#

