

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055949.D
 Acq On : 28 Oct 2023 02:53
 Operator : MD/SY
 Sample : 05113-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:27:30 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)

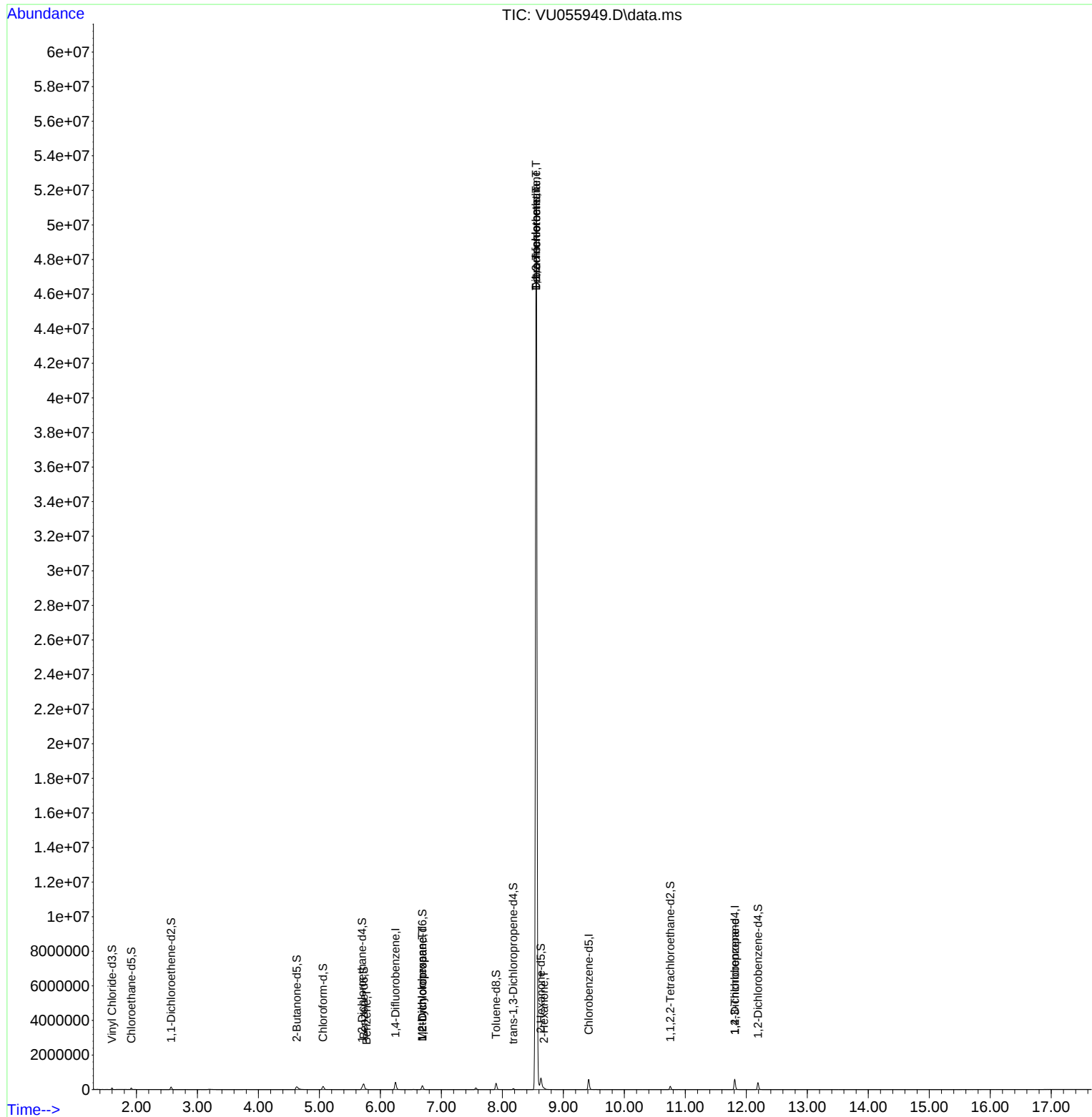
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	358943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	354305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	167538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63471	2.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.800%
7) Chloroethane-d5	1.914	69	62950	2.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.800%#
11) 1,1-Dichloroethene-d2	2.567	65	29377	2.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	4.628	46	260469	51.420	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	5.058	84	178790	3.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.000%#
26) 1,2-Dichloroethane-d4	5.698	65	88982	3.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
32) Benzene-d6	5.724	84	322962	3.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.200%#
36) 1,2-Dichloropropane-d6	6.689	67	114916	3.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.400%
41) Toluene-d8	7.894	98	265080	2.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.400%#
43) trans-1,3-Dichloroprop...	8.177	79	35966	2.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.800%
46) 2-Hexanone-d5	8.631	63	213508	68.736	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.480%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99995	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	113417	3.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.600%#
Target Compounds						Qvalue
33) Benzene	5.775	78	13690	0.175	ug/L	100
35) Methylcyclohexane	6.685	83	26143	0.886	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	11917	0.574	ug/L #	88
45) 1,1,2-Trichloroethane	8.554	97	106891	7.323	ug/L #	1
47) Tetrachloroethene	8.554	164	11826047	772.083	ug/L	99
48) 2-Hexanone	8.682	43	21039	2.674	ug/L #	75
49) Dibromochloromethane	8.554	129	11965358	746.692	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	19639	1.707	ug/L #	67

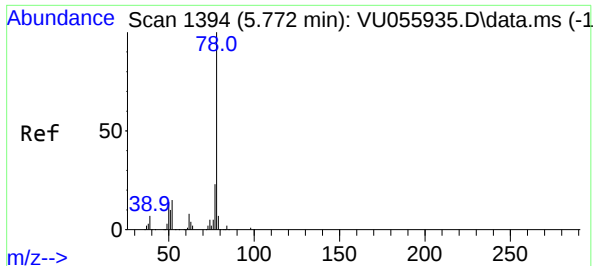
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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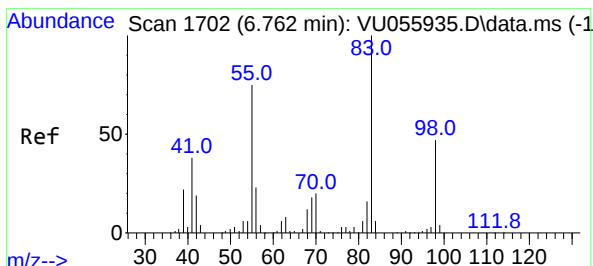
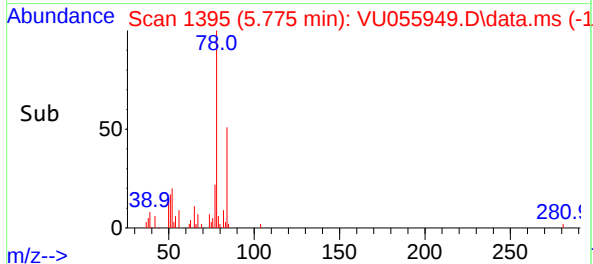
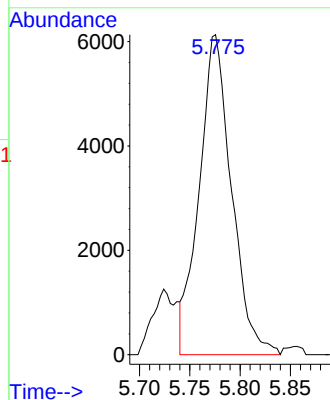
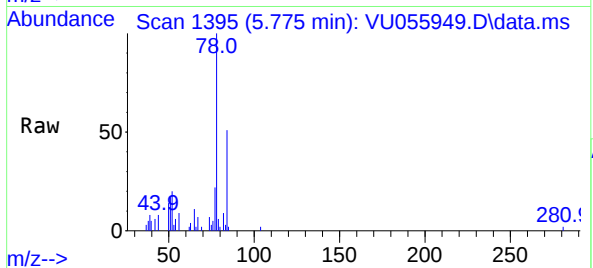




#33
Benzene
Concen: 0.175 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

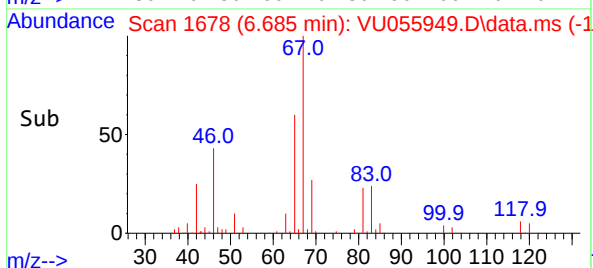
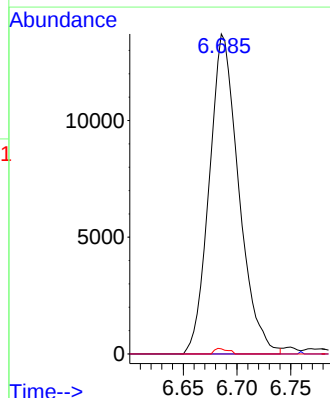
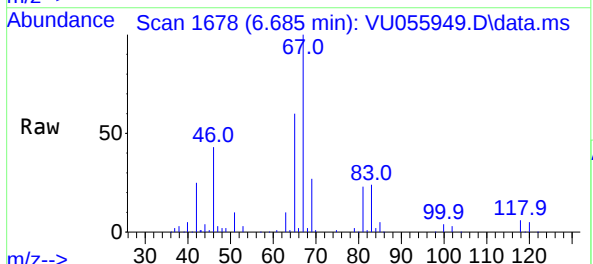
Instrument :
MSVOA_U
ClientSampleId :

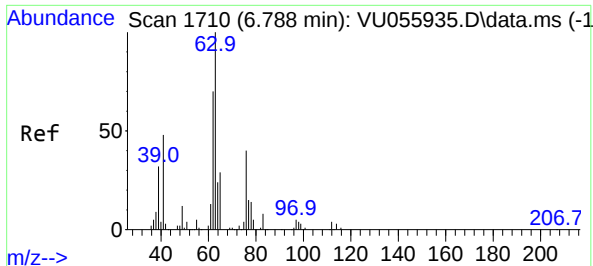
Tgt Ion: 78 Resp: 13690



#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

Tgt Ion: 83 Resp: 26143
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 0.8 37.4 56.2#

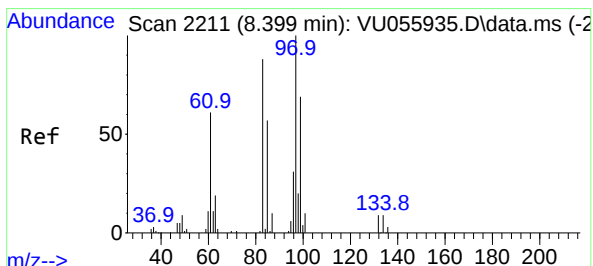
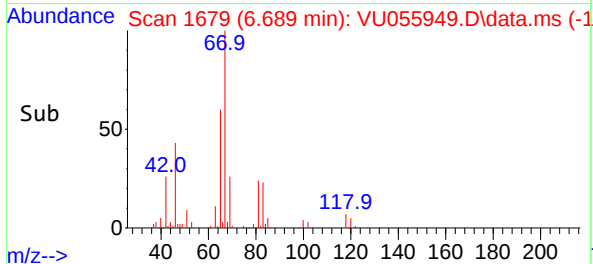
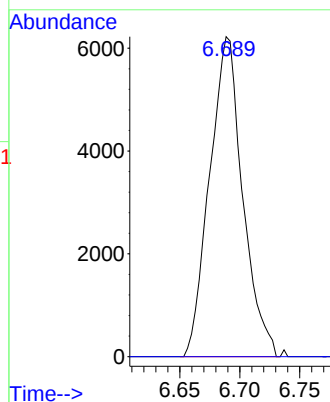
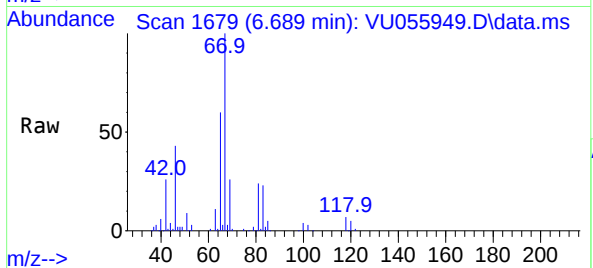




#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

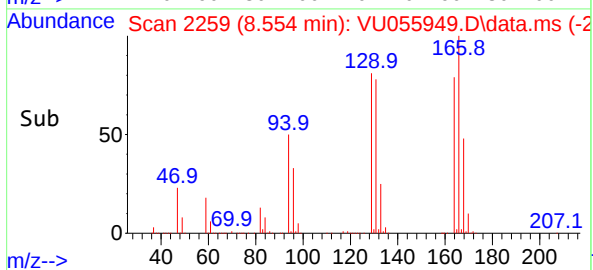
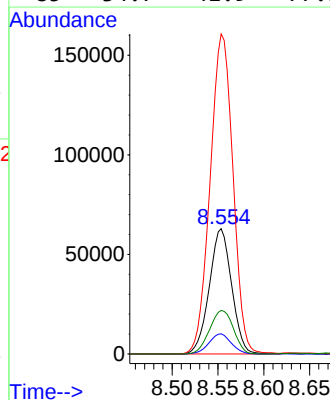
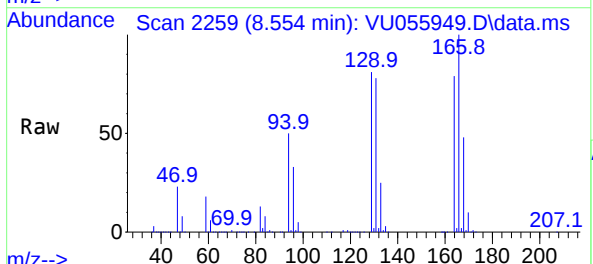
Instrument :
MSVOA_U
ClientSampleId :

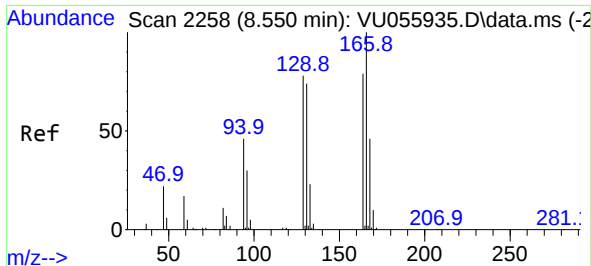
Tgt Ion: 63 Resp: 11917
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#45
1,1,2-Trichloroethane
Concen: 7.323 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.158 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

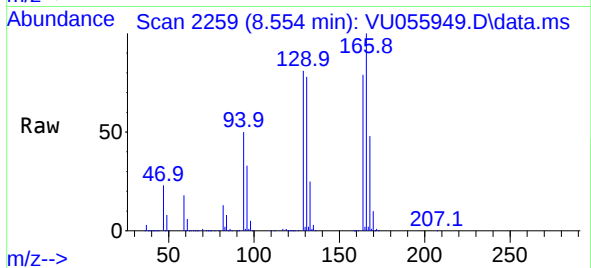
Tgt Ion: 97 Resp: 106891
Ion Ratio Lower Upper
97 100
99 16.1 45.3 84.1#
83 255.5 61.9 115.1#
85 34.7 41.9 77.9#



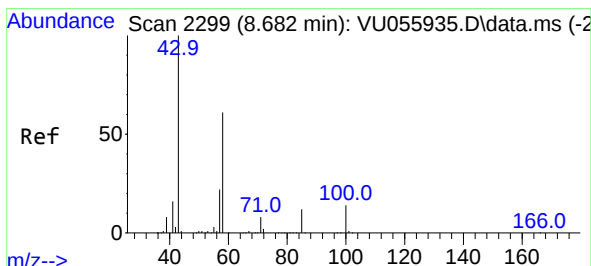
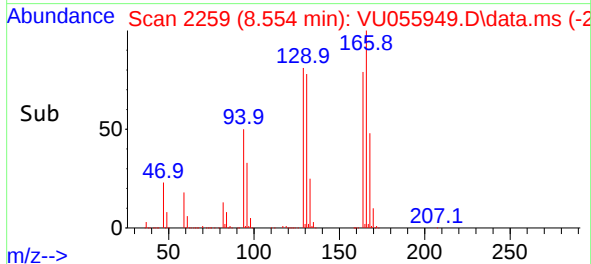
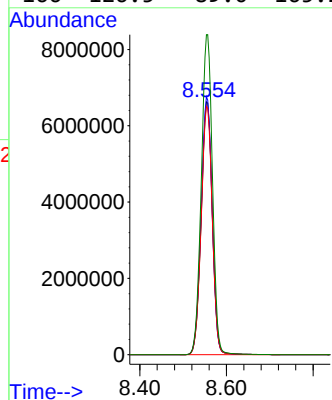


#47
Tetrachloroethene
Concen: 772.083 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

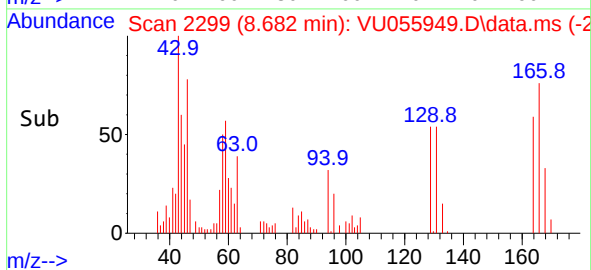
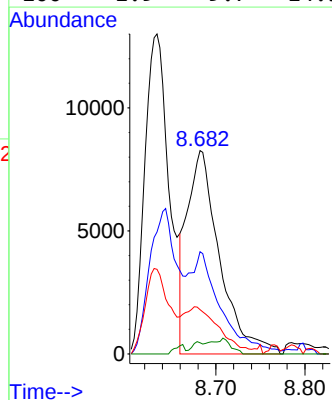
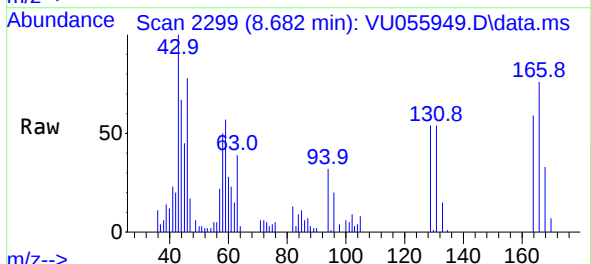


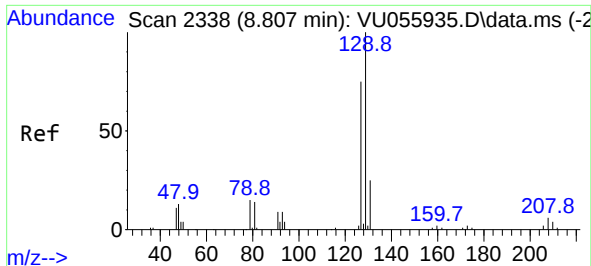
Tgt Ion:164 Resp:11826047
Ion Ratio Lower Upper
164 100
129 102.0 72.2 134.0
131 98.2 70.8 131.6
166 126.5 89.0 165.2



#48
2-Hexanone
Concen: 2.674 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

Tgt Ion: 43 Resp: 21039
Ion Ratio Lower Upper
43 100
58 38.3 49.5 74.3#
57 24.7 16.9 25.3
100 1.9 9.7 14.5#

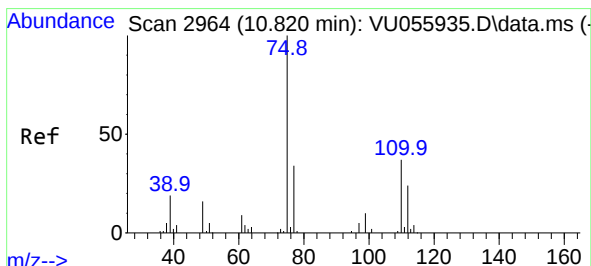
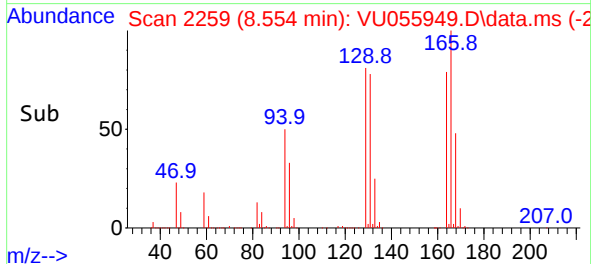
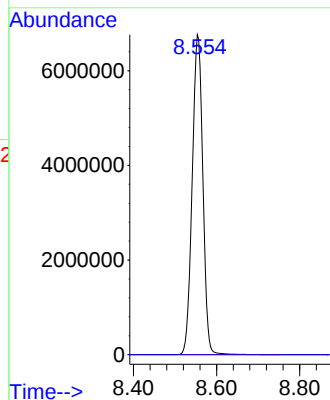
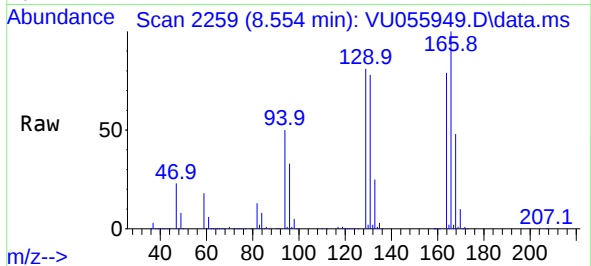




#49
Dibromochloromethane
Concen: 746.692 ug/L
RT: 8.554 min Scan# 211
Delta R.T. -0.251 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp:11965358
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.707 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU055949.D
Acq: 28 Oct 2023 02:53

Tgt Ion: 75 Resp: 19639
Ion Ratio Lower Upper
75 100
110 3.5 29.0 43.6#
77 34.5 24.5 36.7

