

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055142.D
 Acq On : 06 Sep 2023 15:57
 Operator : MD/SY
 Sample : 04250-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:41:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

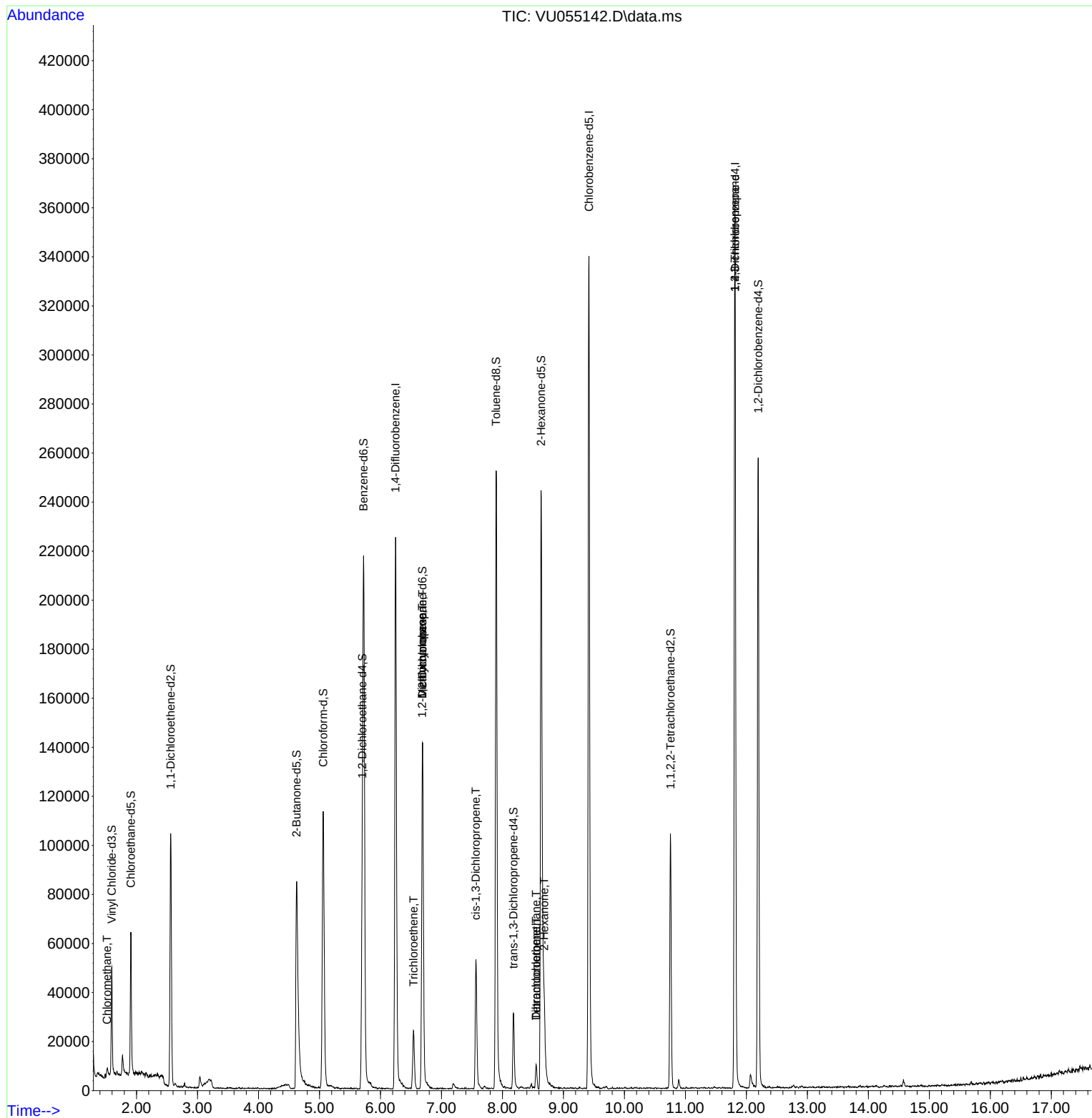
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174686	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	184435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	95193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30534	3.729	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.907	69	39933	4.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	20841	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.624	46	131540	55.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.740%
24) Chloroform-d	5.061	84	105125	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.701	65	54850	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.724	84	196674	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.688	67	68520	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.897	98	168813	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.180	79	17929	4.496	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.634	63	76322	47.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51144	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	65913	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2730	0.264	ug/L #	80
34) Trichloroethene	6.544	95	7269	0.666	ug/L #	75
35) Methylcyclohexane	6.688	83	15471	1.011	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	7802	0.730	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	1814	0.125	ug/L #	80
47) Tetrachloroethene	8.553	164	2100	0.279	ug/L #	73
48) 2-Hexanone	8.685	43	16826	3.524	ug/L #	94
49) Dibromochloromethane	8.553	129	2123	0.270	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	12960	2.052	ug/L #	68

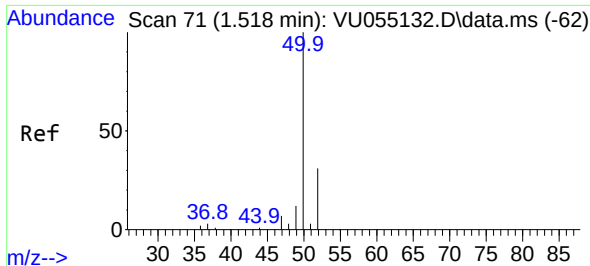
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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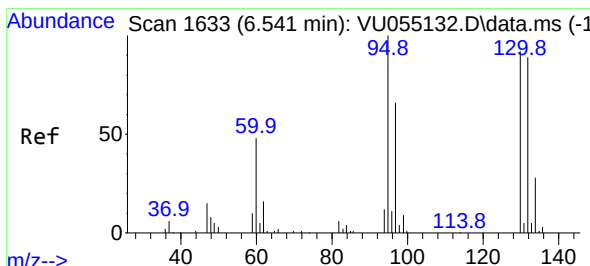
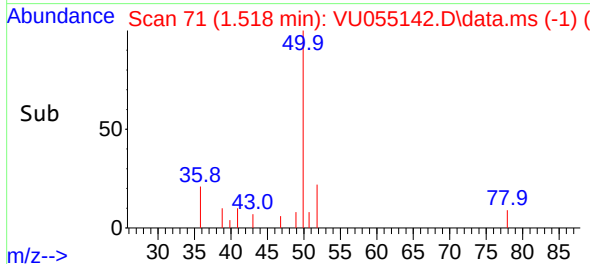
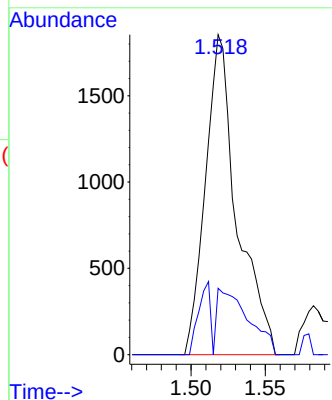
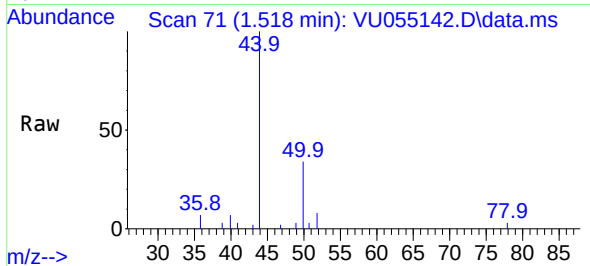




#3
Chloromethane
Concen: 0.264 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055142.D
Acq: 06 Sep 2023 15:57

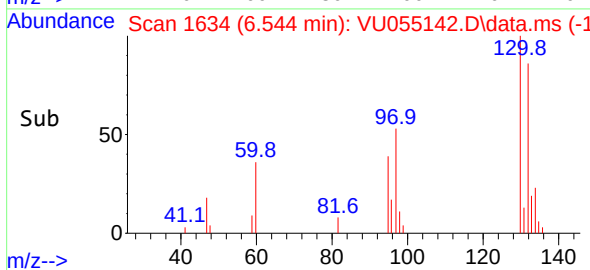
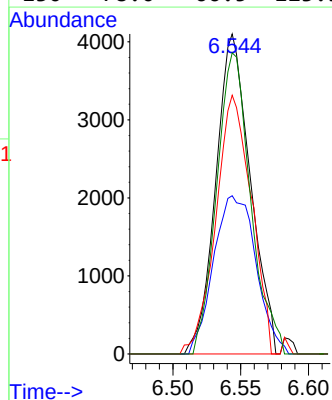
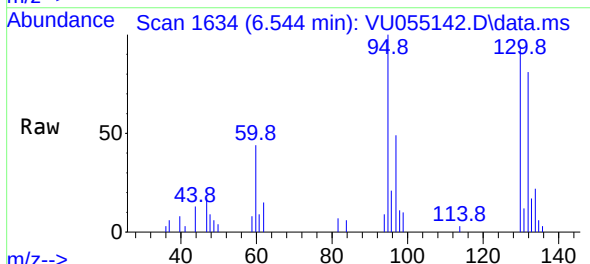
Instrument :
MSVOA_U
ClientSampleId :

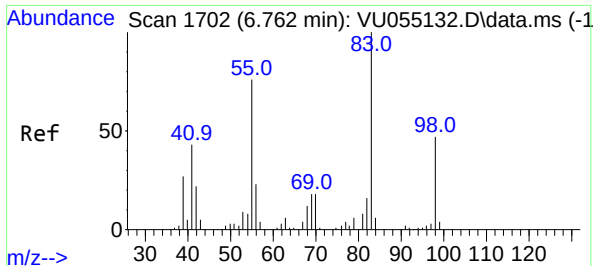
Tgt Ion: 50 Resp: 2730
Ion Ratio Lower Upper
50 100
52 20.7 22.5 41.7#



#34
Trichloroethene
Concen: 0.666 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU055142.D
Acq: 06 Sep 2023 15:57

Tgt Ion: 95 Resp: 7269
Ion Ratio Lower Upper
95 100
97 41.0 44.7 83.1#
132 67.0 66.6 123.6
130 78.0 66.5 123.5

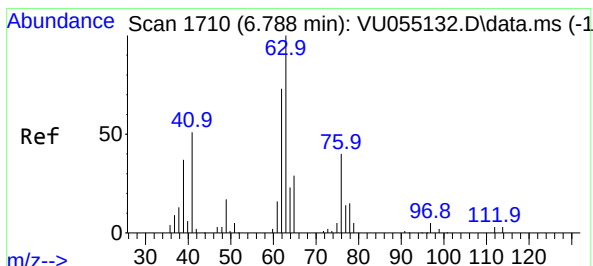
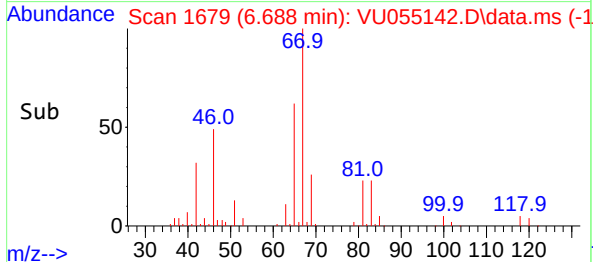
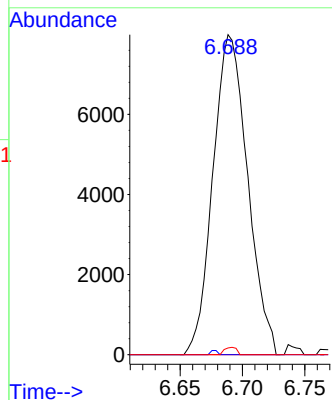
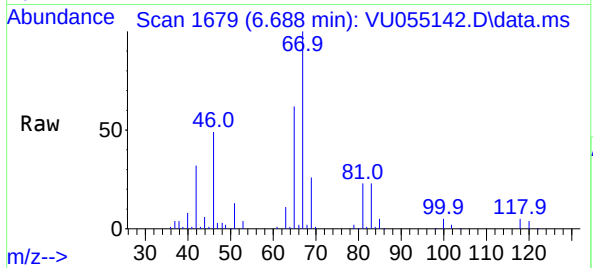




#35
Methylcyclohexane
Concen: 1.011 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055142.D
Acq: 06 Sep 2023 15:57

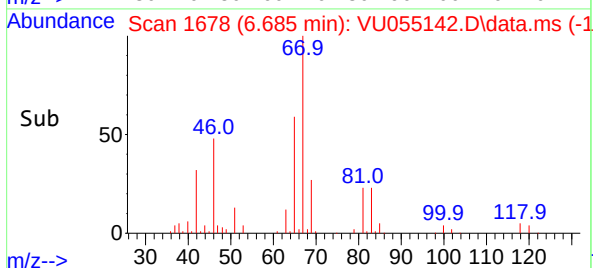
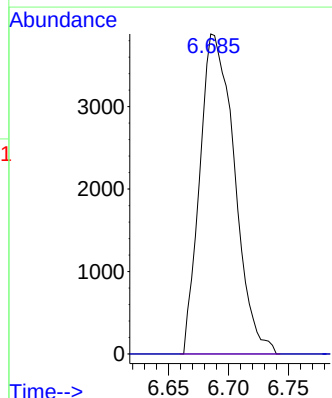
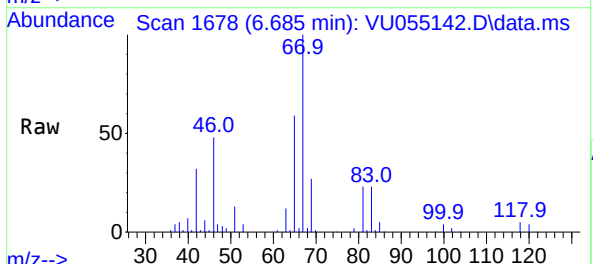
Instrument :
MSVOA_U
ClientSampleId :

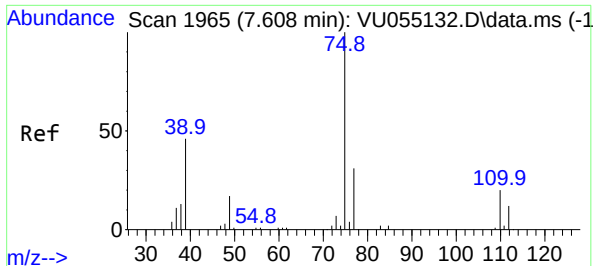
Tgt Ion: 83 Resp: 15471
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.8 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055142.D
Acq: 06 Sep 2023 15:57

Tgt Ion: 63 Resp: 7802
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.563 min Scan# 1965

Delta R.T. -0.045 min

Lab File: VU055142.D

Acq: 06 Sep 2023 15:57

Instrument :

MSVOA_U

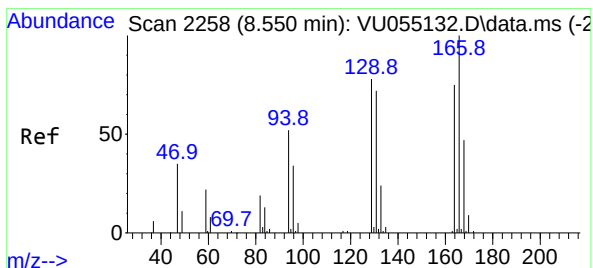
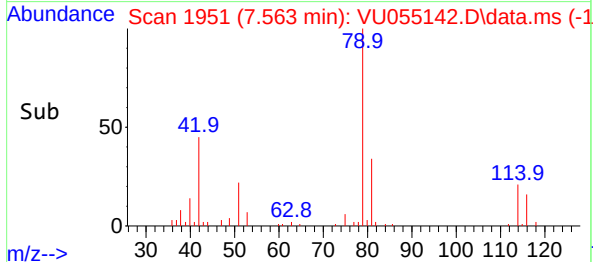
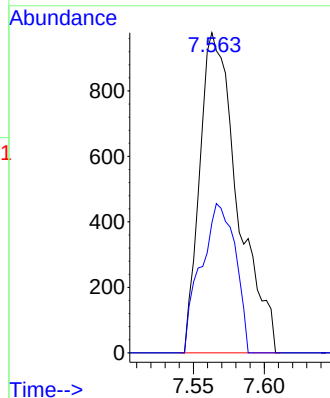
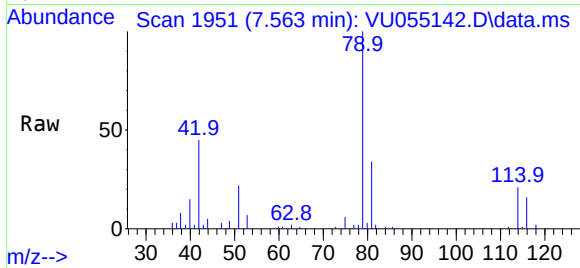
ClientSampleId :

Tgt Ion: 75 Resp: 1814

Ion Ratio Lower Upper

75 100

77 40.6 20.9 38.9#



#47

Tetrachloroethene

Concen: 0.279 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU055142.D

Acq: 06 Sep 2023 15:57

Tgt Ion:164 Resp: 2100

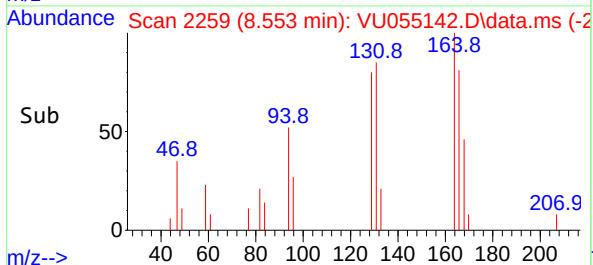
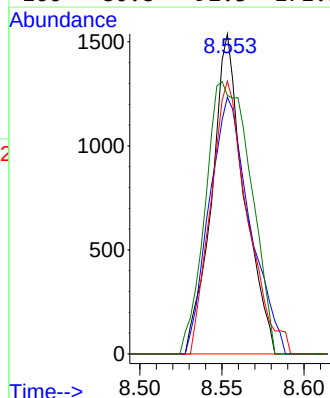
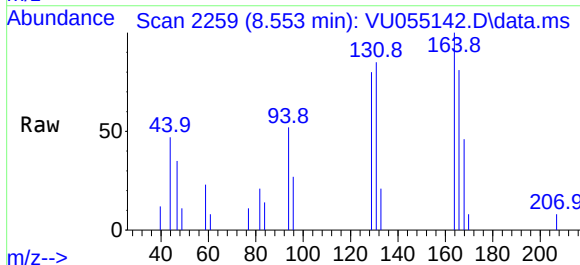
Ion Ratio Lower Upper

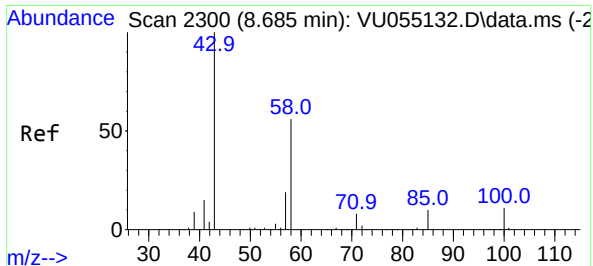
164 100

129 80.2 69.2 128.6

131 85.2 68.8 127.8

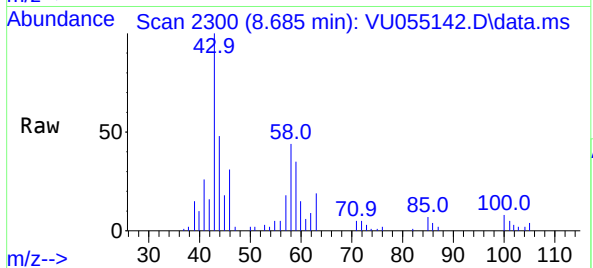
166 80.8 92.3 171.5#



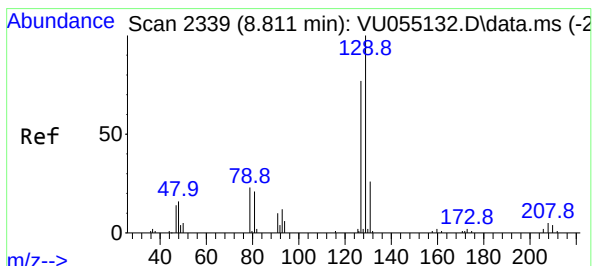
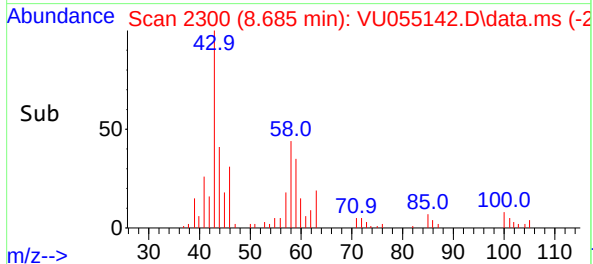
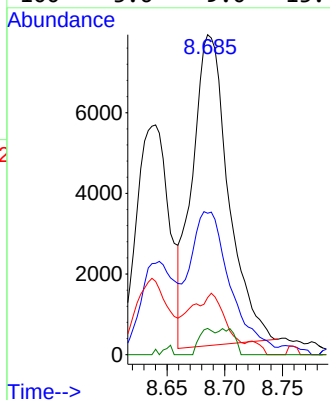


#48
2-Hexanone
Concen: 3.524 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055142.D
Acq: 06 Sep 2023 15:57

Instrument :
MSVOA_U
ClientSampleId :

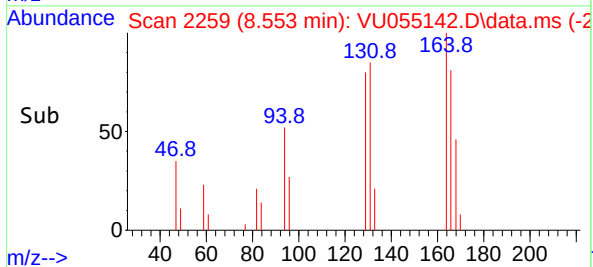
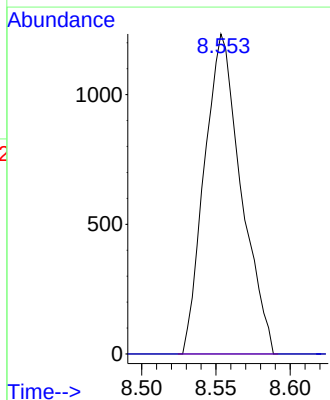
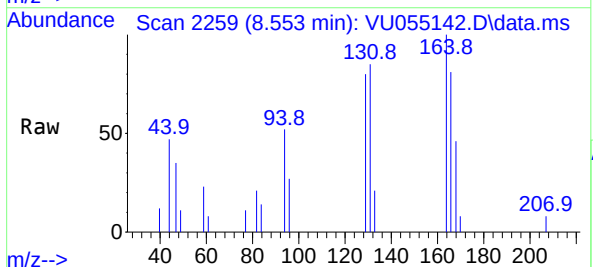


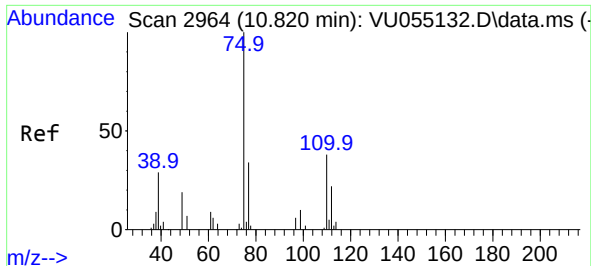
Tgt Ion: 43 Resp: 16826
Ion Ratio Lower Upper
43 100
58 50.7 44.0 66.0
57 20.2 16.2 24.2
100 3.6 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.270 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055142.D
Acq: 06 Sep 2023 15:57

Tgt Ion: 129 Resp: 2123
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 2.052 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

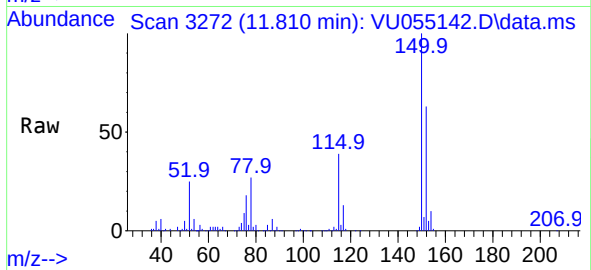
Lab File: VU055142.D

Acq: 06 Sep 2023 15:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12960

Ion Ratio Lower Upper

75 100

110 1.3 28.2 42.2#

77 35.4 26.2 39.4

