

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113023\
 Data File : VU056645.D
 Acq On : 30 Nov 2023 13:20
 Operator : MD/SY
 Sample : 05582-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 22:27:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 30 22:25:57 2023
 Response via : Initial Calibration

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

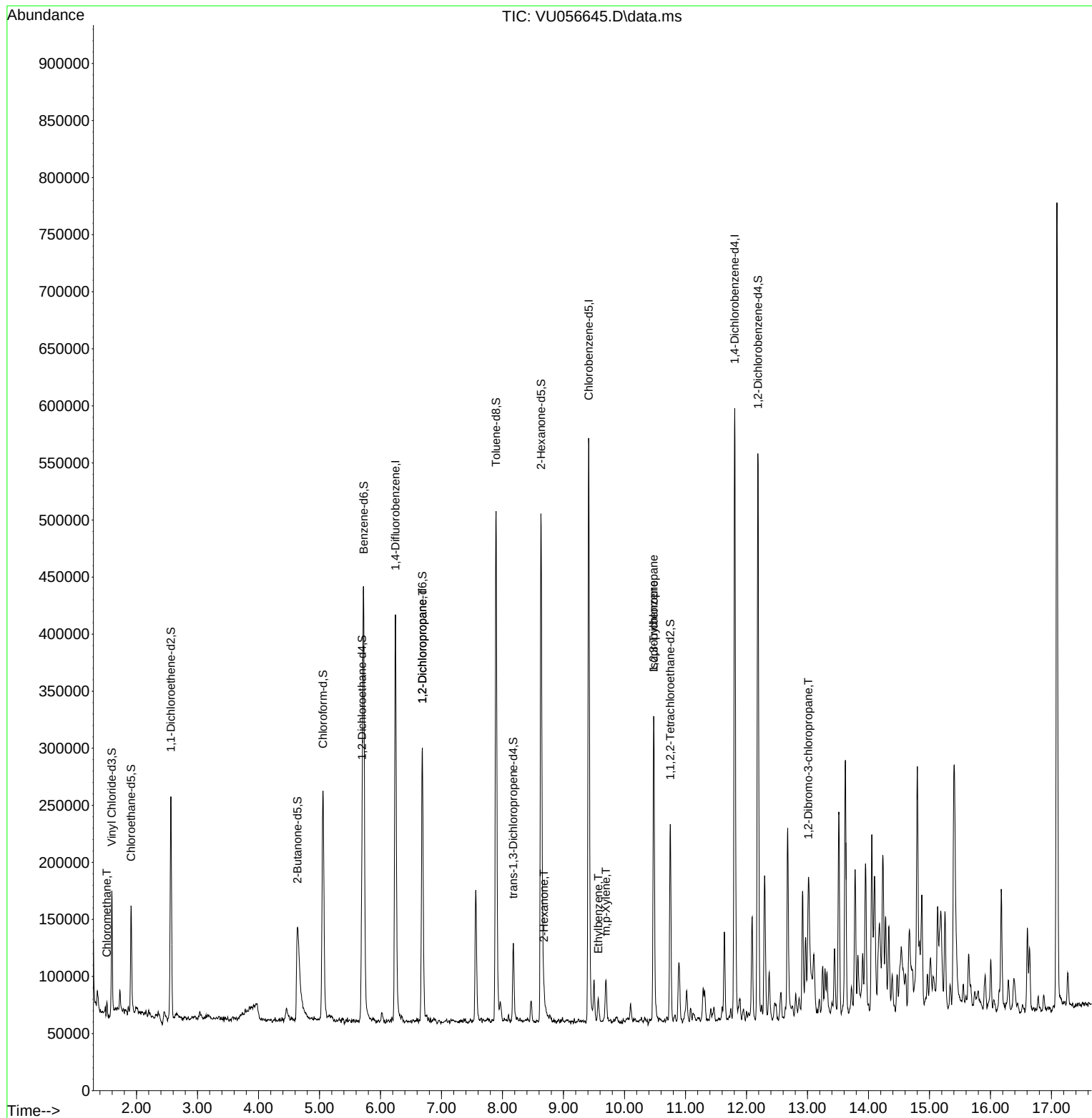
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289823	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	294659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	71054	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.911	69	68817	4.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	38292	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.637	46	203469	47.071	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.140%
24) Chloroform-d	5.055	84	194431	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	96032	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.724	84	365970	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.685	67	116078	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.894	98	315124	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	42888	4.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.631	63	158427	39.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	87254	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	123668	4.784	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	9665	0.412	ug/L	93
37) 1,2-Dichloropropane	6.685	63	12421	0.567	ug/L #	91
48) 2-Hexanone	8.682	43	5226	0.617	ug/L #	41
52) Ethylbenzene	9.569	91	13799	0.143	ug/L	93
53) m,p-Xylene	9.695	106	11239	0.316	ug/L	92
60) Isopropylbenzene	10.479	105	170940	1.894	ug/L	99
61) 1,2,3-Trichloropropane	10.479	75	2443	0.203	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	13.013	75	1161	0.453	ug/L #	31

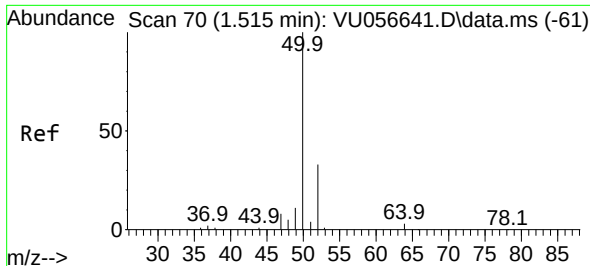
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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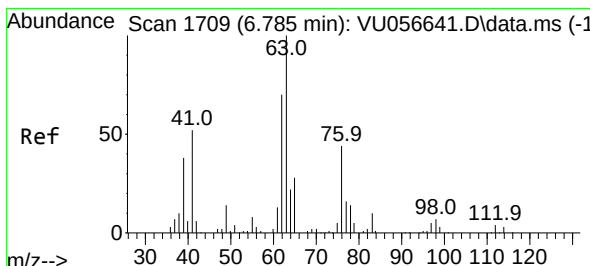
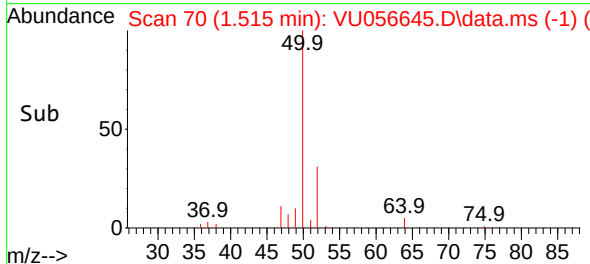
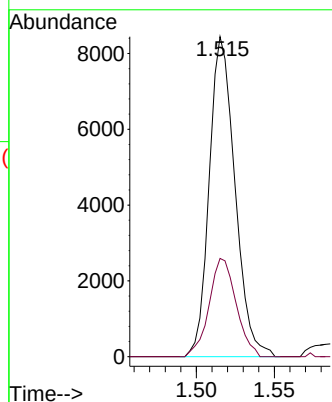
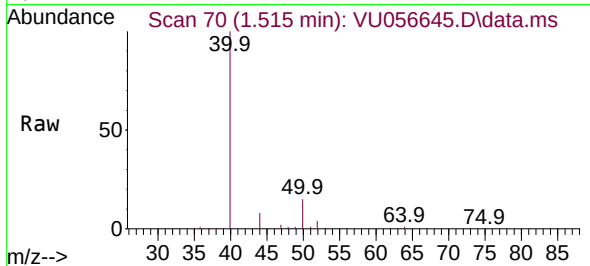




#3
Chloromethane
Concen: 0.412 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056645.D
Acq: 30 Nov 2023 13:20

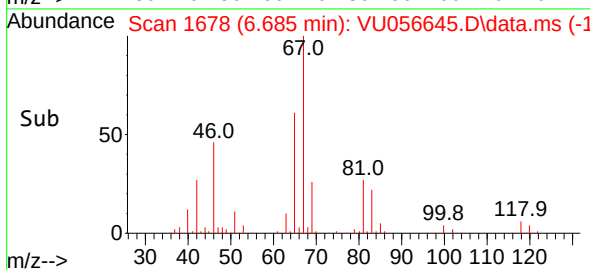
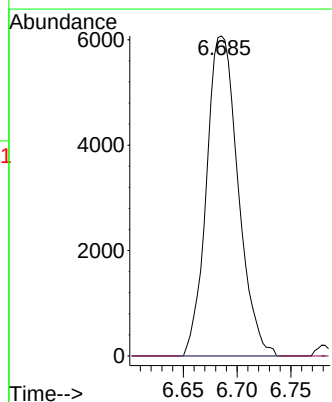
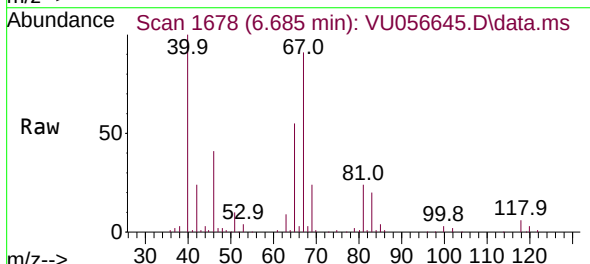
Instrument :
MSVOA_U
ClientSampleId :

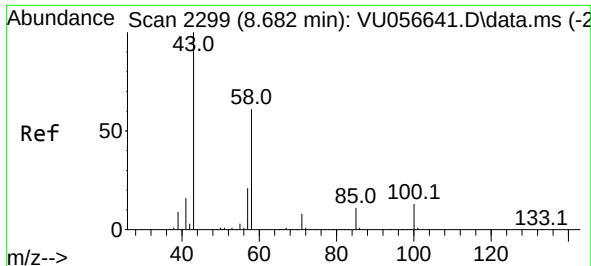
Tgt Ion: 50 Resp: 9665
Ion Ratio Lower Upper
50 100
52 30.7 24.3 45.1



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056645.D
Acq: 30 Nov 2023 13:20

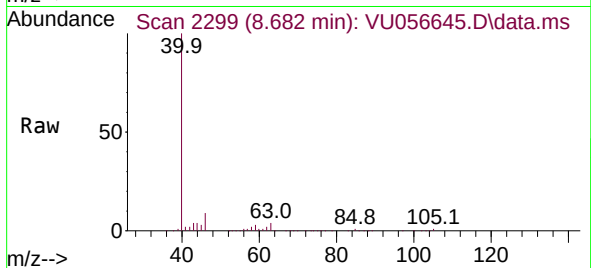
Tgt Ion: 63 Resp: 12421
Ion Ratio Lower Upper
63 100
112 1.0 3.2 4.8#



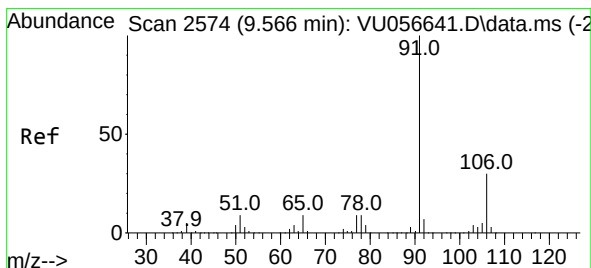
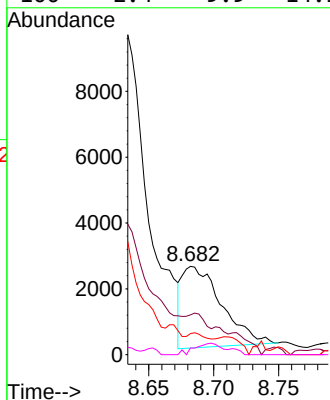
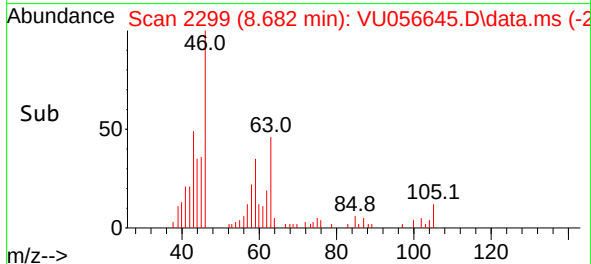


#48
2-Hexanone
Concen: 0.617 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056645.D
Acq: 30 Nov 2023 13:20

Instrument :
MSVOA_U
ClientSampleId :

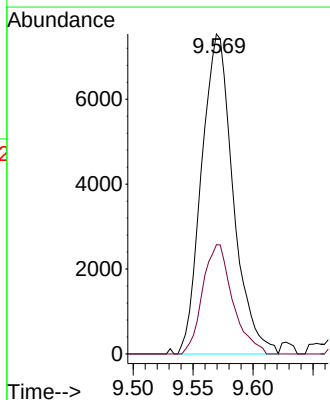
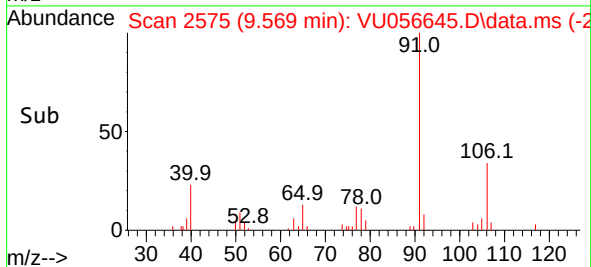
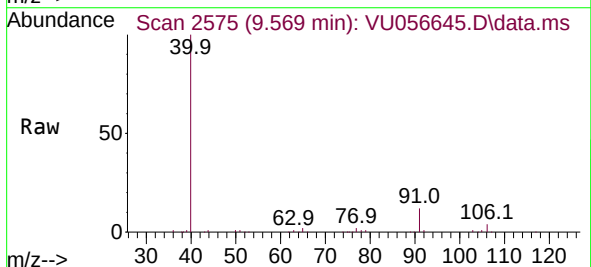


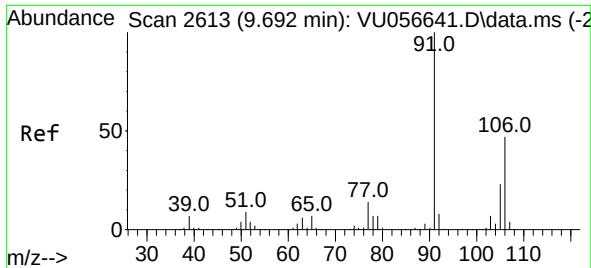
Tgt Ion: 43	Resp: 5226
Ion Ratio	Lower Upper
43	100
58	0.0 48.7 73.1#
57	12.7 16.8 25.2#
100	2.4 9.9 14.9#



#52
Ethylbenzene
Concen: 0.143 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU056645.D
Acq: 30 Nov 2023 13:20

Tgt Ion: 91	Resp: 13799
Ion Ratio	Lower Upper
91	100
106	34.1 21.1 39.1

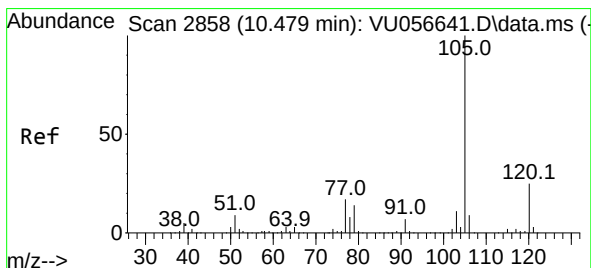
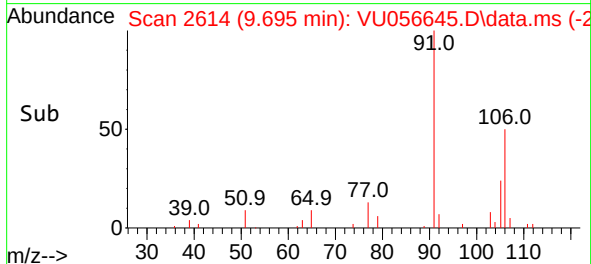
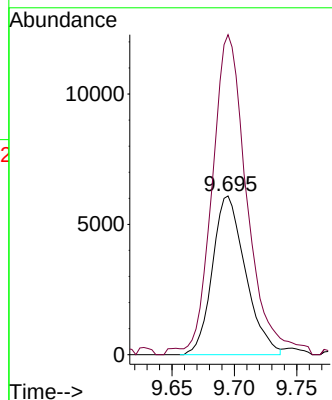
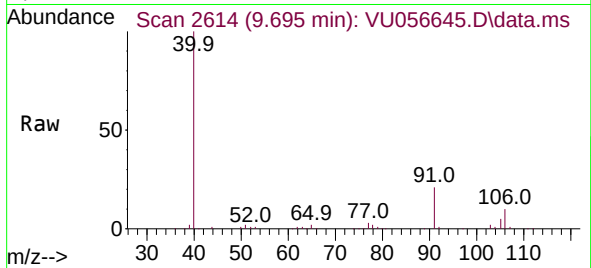




#53
m,p-Xylene
Concen: 0.316 ug/L
RT: 9.695 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU056645.D
Acq: 30 Nov 2023 13:20

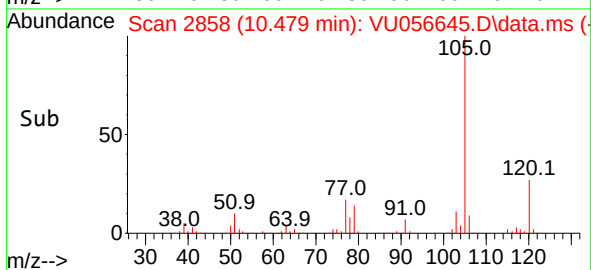
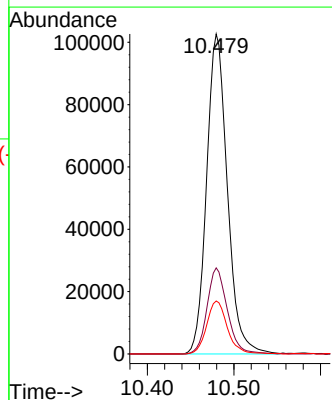
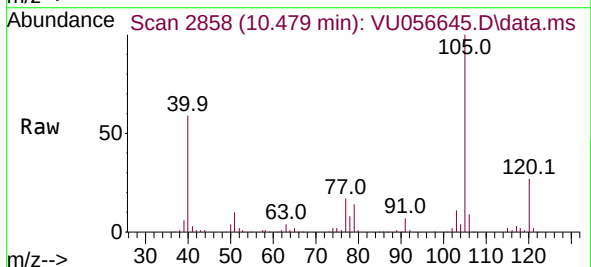
Instrument :
MSVOA_U
ClientSampleId :

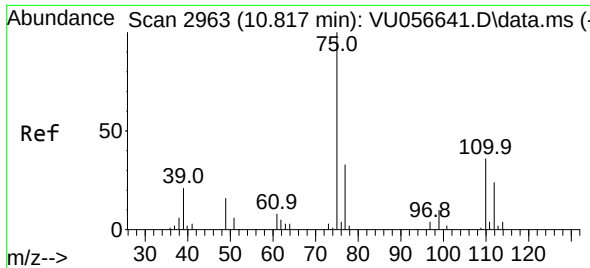
Tgt Ion:106 Resp: 11239
Ion Ratio Lower Upper
106 100
91 201.7 149.6 277.8



#60
Isopropylbenzene
Concen: 1.894 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056645.D
Acq: 30 Nov 2023 13:20

Tgt Ion:105 Resp: 170940
Ion Ratio Lower Upper
105 100
120 26.3 20.4 30.6
77 16.5 13.3 19.9

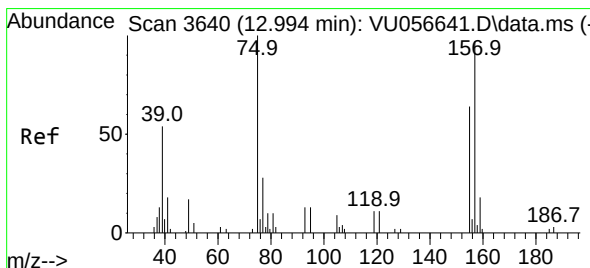
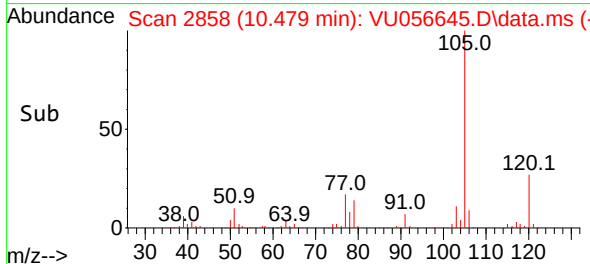
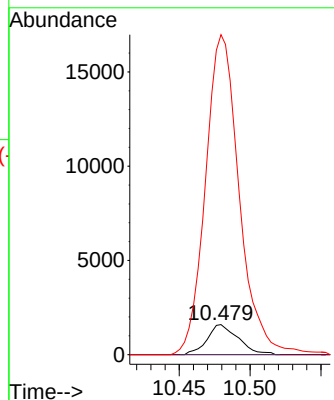
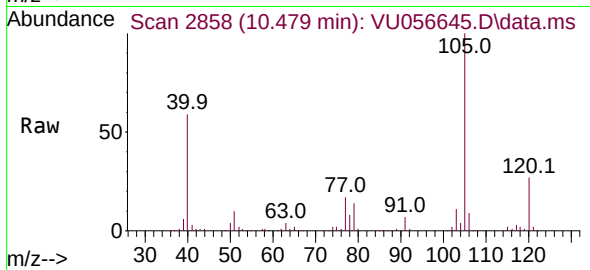




#61
 1,2,3-Trichloropropane
 Concen: 0.203 ug/L
 RT: 10.479 min Scan# 21
 Delta R.T. -0.338 min
 Lab File: VU056645.D
 Acq: 30 Nov 2023 13:20

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 2443
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.4 45.6#
 77 1157.5 27.0 40.6#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.453 ug/L
 RT: 13.013 min Scan# 3646
 Delta R.T. 0.019 min
 Lab File: VU056645.D
 Acq: 30 Nov 2023 13:20

Tgt Ion: 75 Resp: 1161
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.4 93.6#
 157 46.6 80.2 120.2#

