

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056912.D
 Acq On : 16 Dec 2023 04:55
 Operator : MD/SY
 Sample : 05771-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0YA2

Quant Time: Dec 16 05:14:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

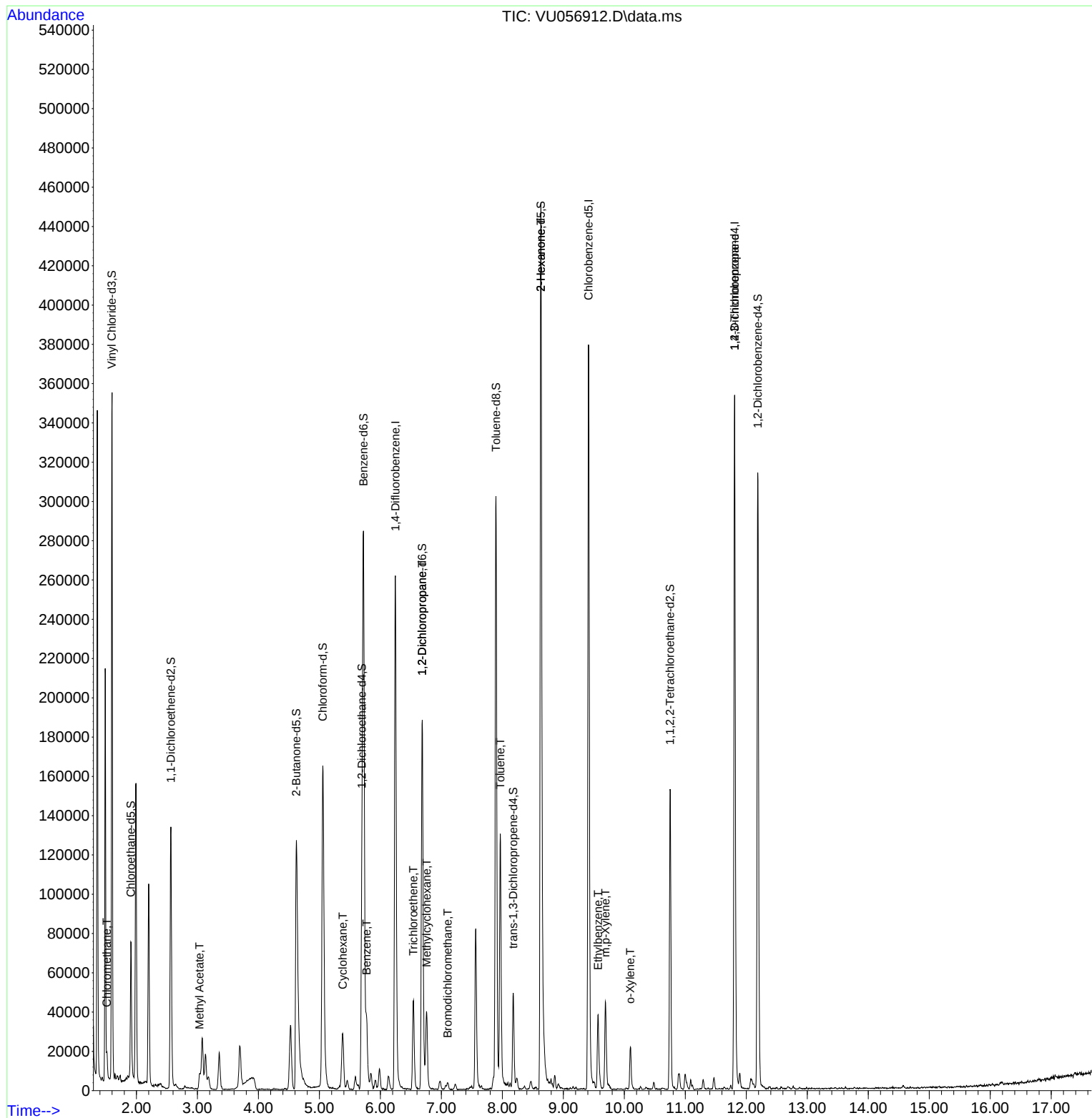
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215780	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56807	3.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.908	69	50996	3.684	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.563	65	25121	3.174	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.621	46	213345	58.408	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.820%
24) Chloroform-d	5.055	84	155907	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	78061	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.721	84	274688	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	92848	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.894	98	209109	3.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.177	79	30745	3.710	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.631	63	155335	49.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78228	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	84850	4.633	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	6606	0.297	ug/L	98
15) Methyl Acetate	3.033	43	2534	0.418	ug/L #	49
30) Cyclohexane	5.380	56	13492	0.452	ug/L	91
33) Benzene	5.776	78	35979	0.465	ug/L	100
34) Trichloroethene	6.541	95	16785	0.791	ug/L	94
35) Methylcyclohexane	6.756	83	14366	0.459	ug/L	97
37) 1,2-Dichloropropane	6.685	63	10285	0.520	ug/L #	88
38) Bromodichloromethane	7.103	83	2789	0.111	ug/L #	91
42) Toluene	7.965	91	98678	1.233	ug/L	95
48) 2-Hexanone	8.631	43	19534	2.919	ug/L #	74
52) Ethylbenzene	9.570	91	29178	0.330	ug/L	94
53) m,p-Xylene	9.689	106	13318	0.405	ug/L	99
54) o-Xylene	10.097	106	5913	0.189	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	11982	1.198	ug/L #	71

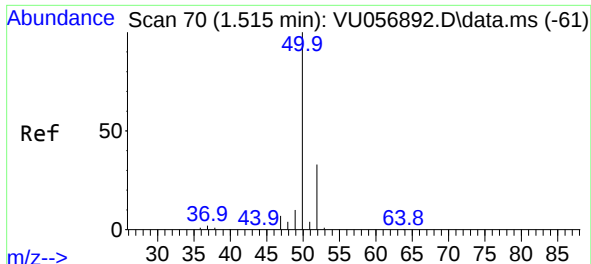
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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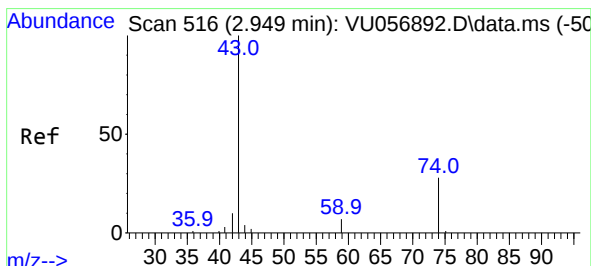
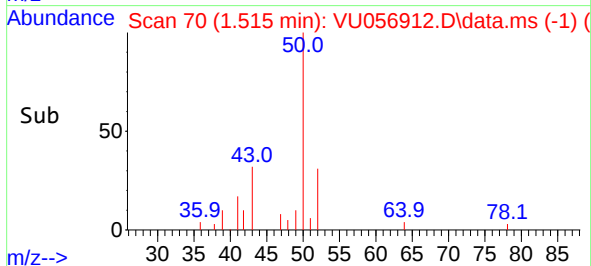
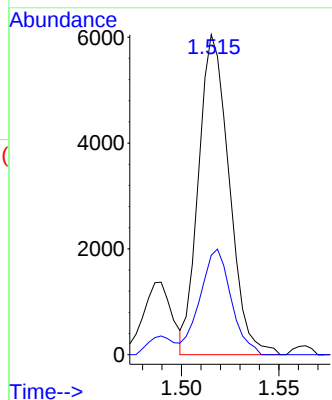
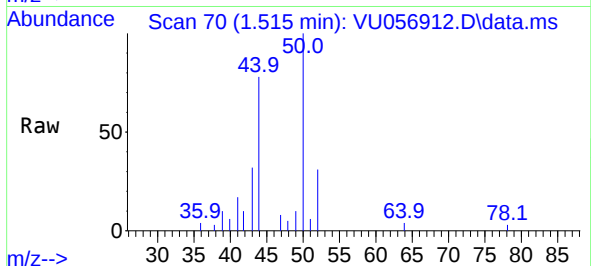




#3
Chloromethane
Concen: 0.297 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

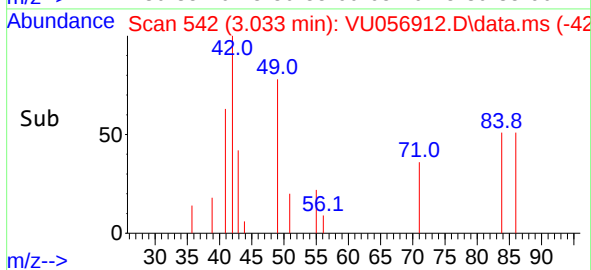
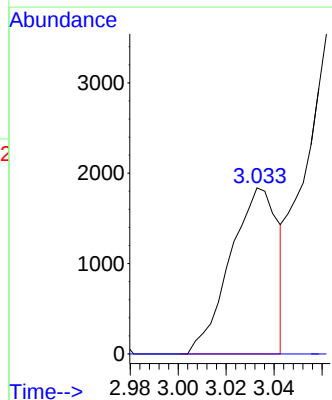
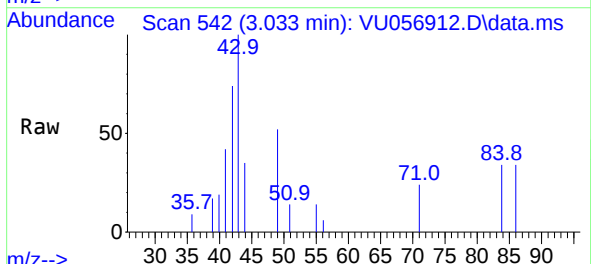
Instrument :
MSVOA_U
ClientSampleId :
E0YA2

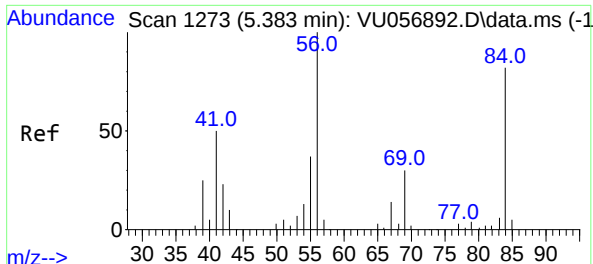
Tgt Ion: 50 Resp: 6606
Ion Ratio Lower Upper
50 100
52 31.1 22.5 41.7



#15
Methyl Acetate
Concen: 0.418 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.087 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#



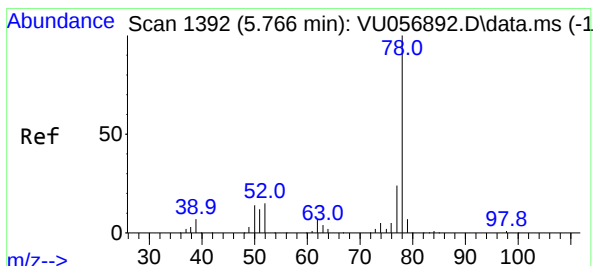
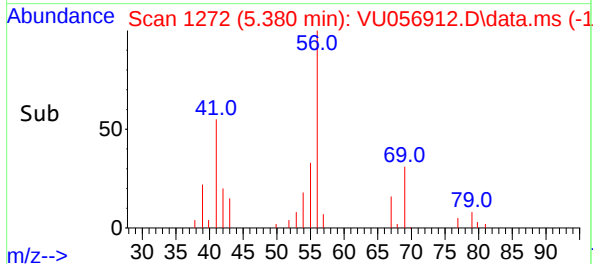
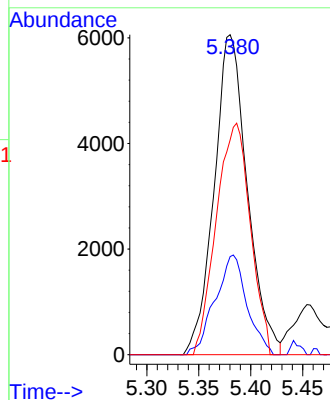
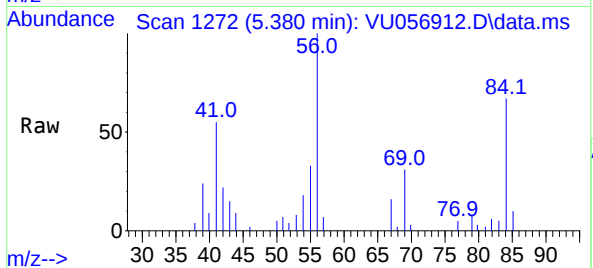


#30
Cyclohexane
Concen: 0.452 ug/L
RT: 5.380 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :
E0YA2

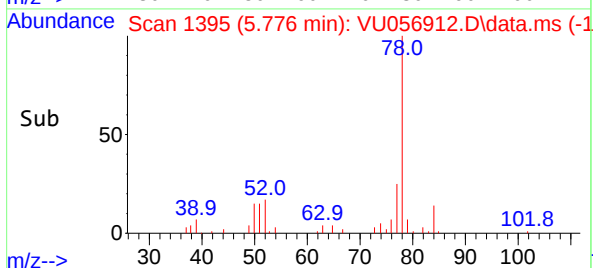
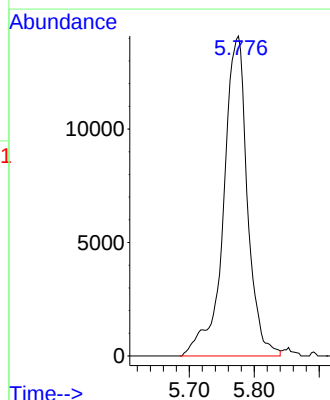
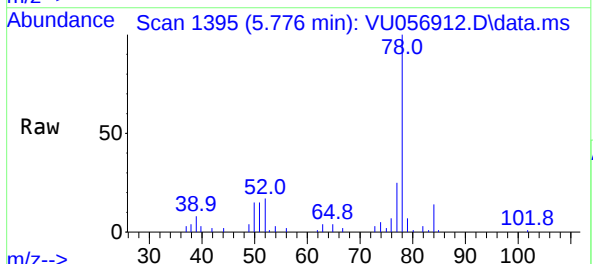
Tgt Ion: 56 Resp: 13492

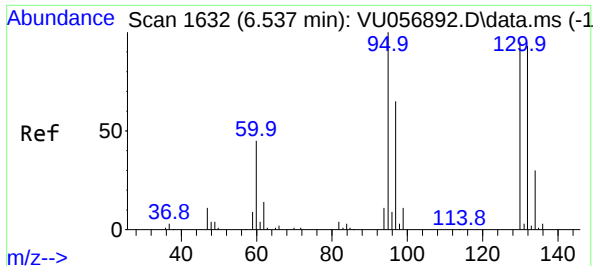
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.9	37.3
84	74.0	67.6	101.4



#33
Benzene
Concen: 0.465 ug/L
RT: 5.776 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 78 Resp: 35979



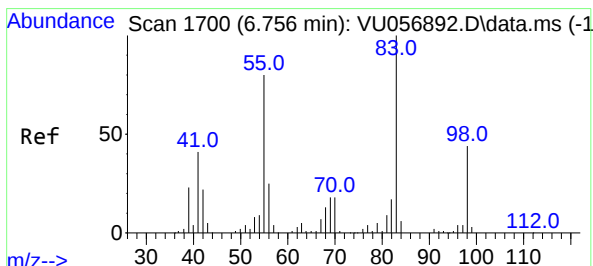
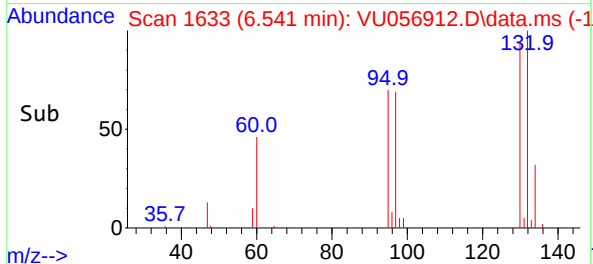
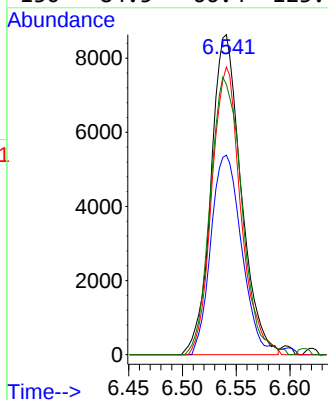
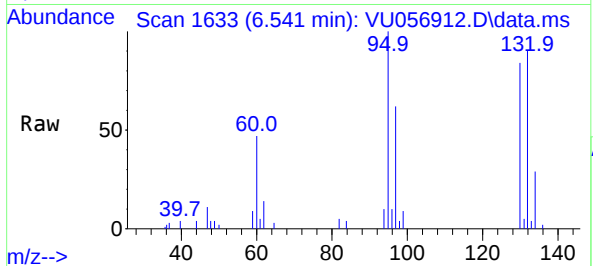


#34
Trichloroethene
Concen: 0.791 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :
E0YA2

Tgt Ion: 95 Resp: 16785

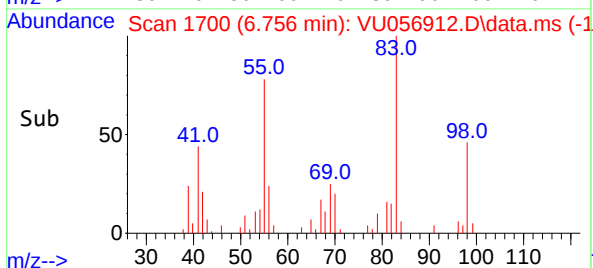
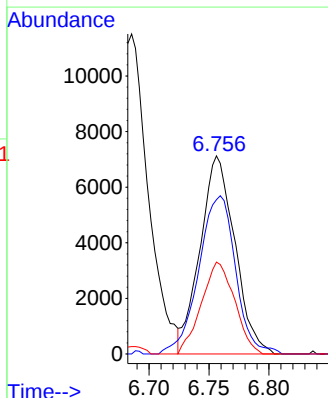
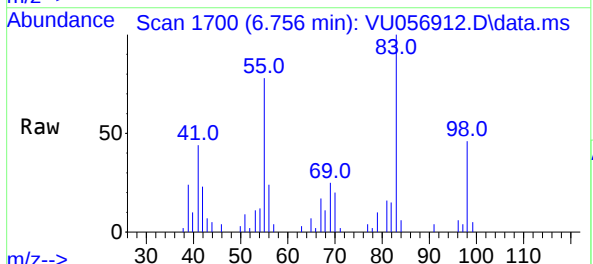
Ion	Ratio	Lower	Upper
95	100		
97	62.3	46.1	85.5
132	89.9	63.6	118.0
130	84.5	66.4	123.4

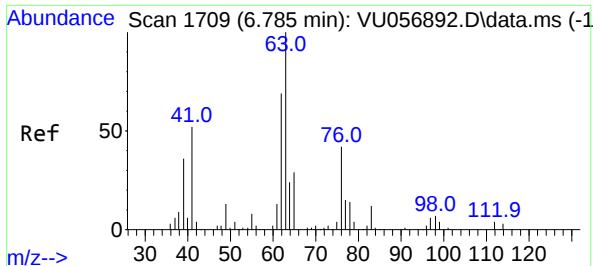


#35
Methylcyclohexane
Concen: 0.459 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 83 Resp: 14366

Ion	Ratio	Lower	Upper
83	100		
55	84.6	64.6	97.0
98	44.4	36.1	54.1

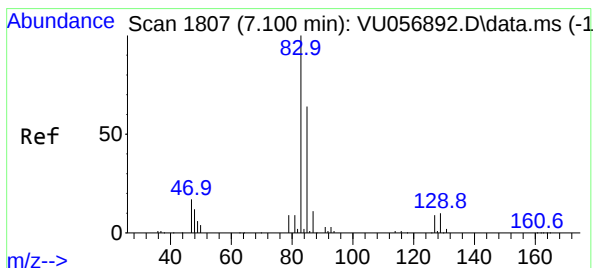
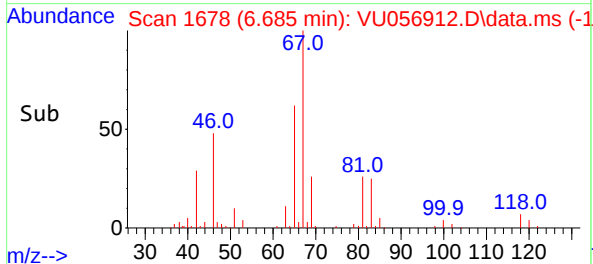
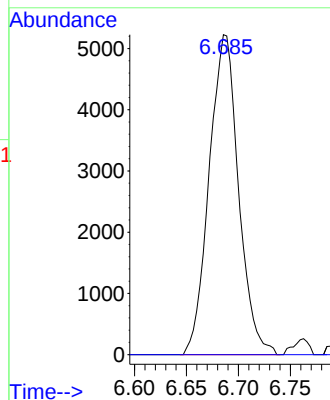
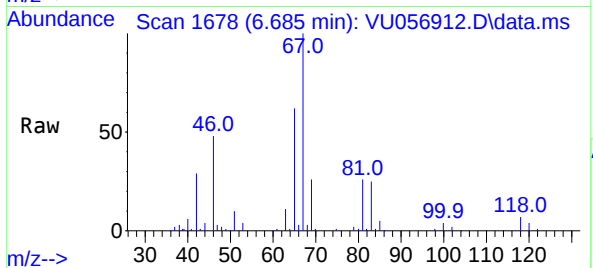




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

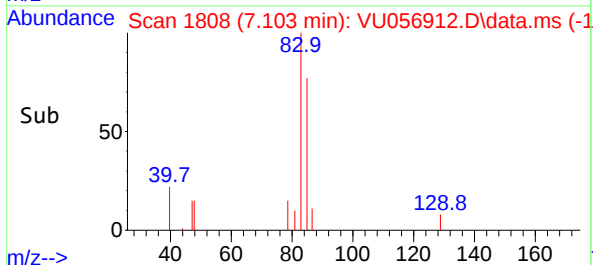
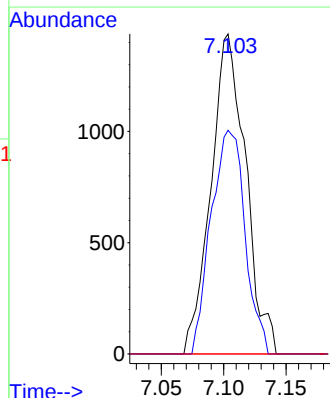
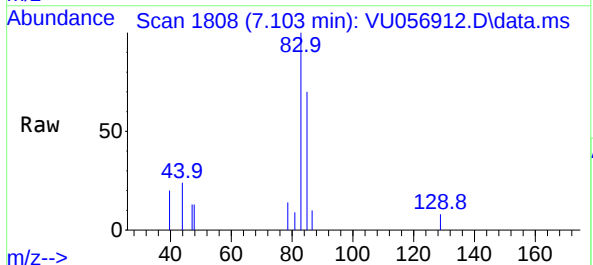
Instrument :
MSVOA_U
ClientSampleId :
E0YA2

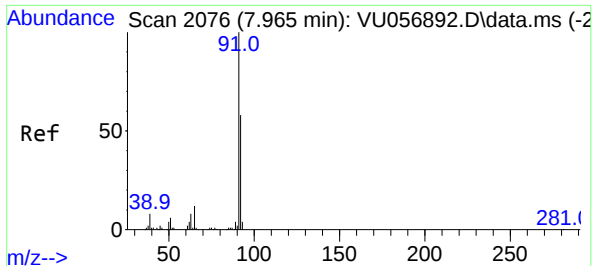
Tgt Ion: 63 Resp: 10285
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.111 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 83 Resp: 2789
Ion Ratio Lower Upper
83 100
85 69.9 45.0 83.6
127 0.0 7.0 10.4#





#42

Toluene

Concen: 1.233 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056912.D

Acq: 16 Dec 2023 04:55

Instrument :

MSVOA_U

ClientSampleId :

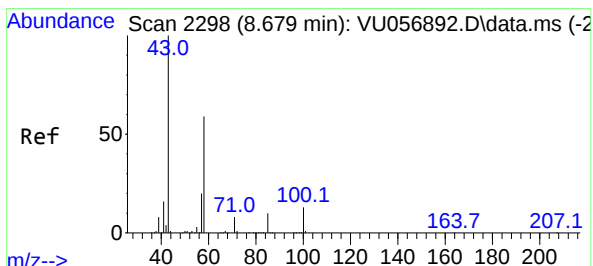
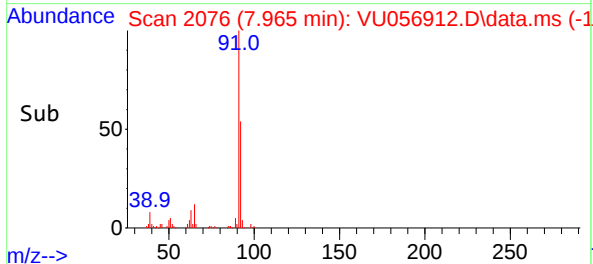
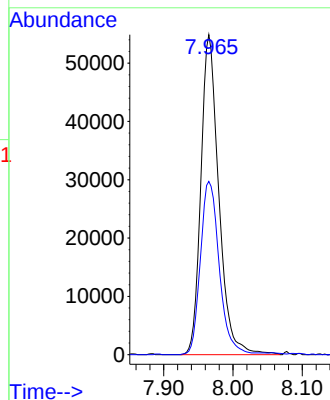
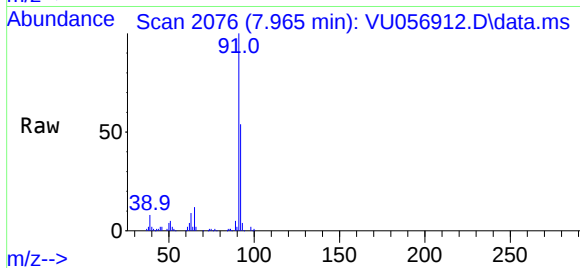
E0YA2

Tgt Ion: 91 Resp: 98678

Ion Ratio Lower Upper

91 100

92 54.2 40.4 75.0



#48

2-Hexanone

Concen: 2.919 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU056912.D

Acq: 16 Dec 2023 04:55

Tgt Ion: 43 Resp: 19534

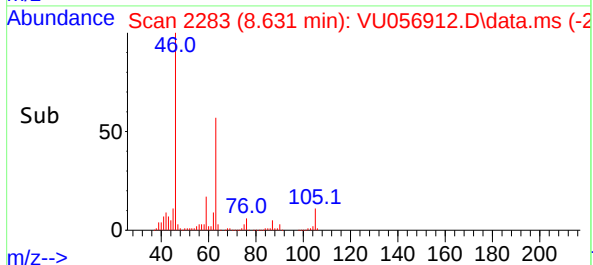
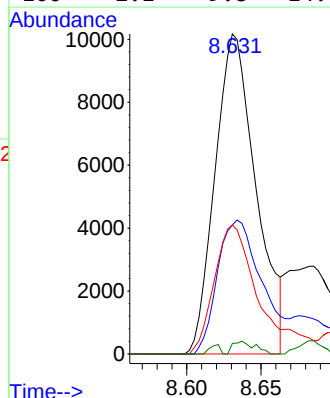
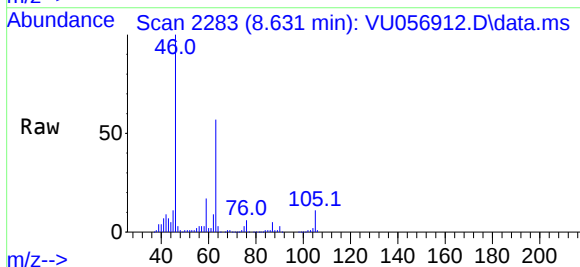
Ion Ratio Lower Upper

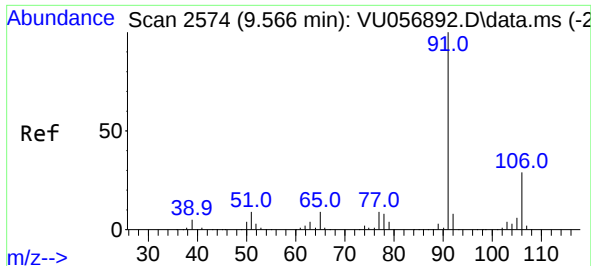
43 100

58 46.2 47.5 71.3#

57 43.9 17.0 25.4#

100 2.1 9.8 14.8#

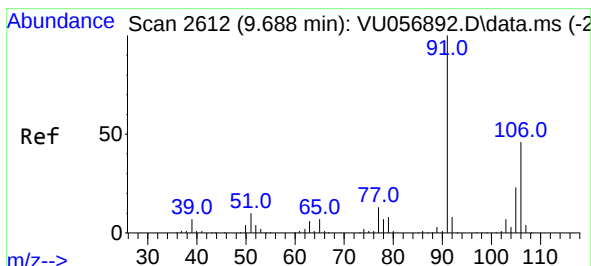
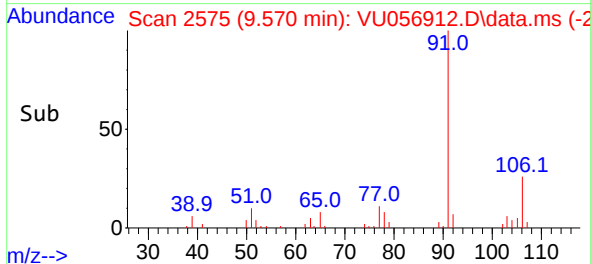
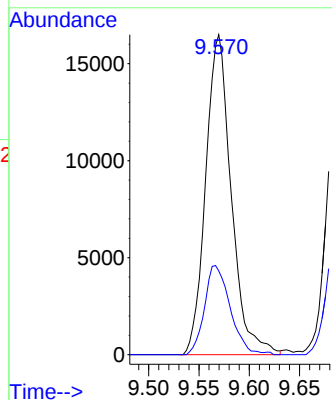
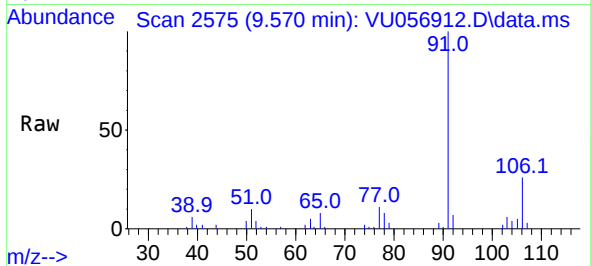




#52
Ethylbenzene
Concen: 0.330 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

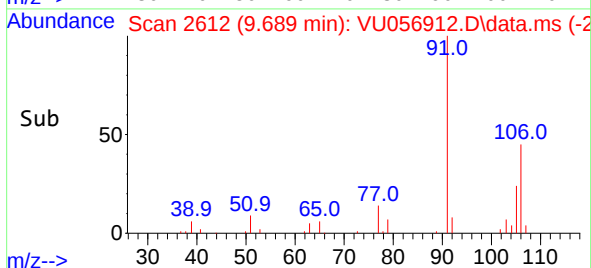
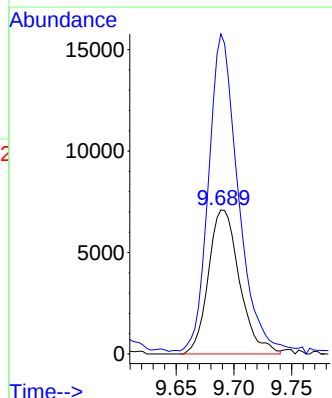
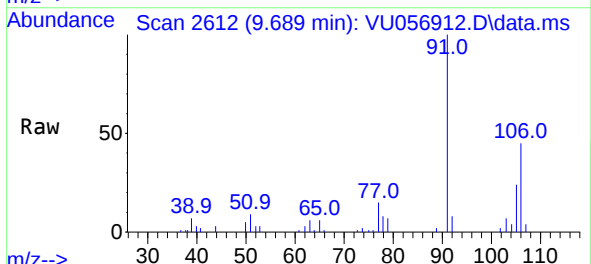
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E0YA2

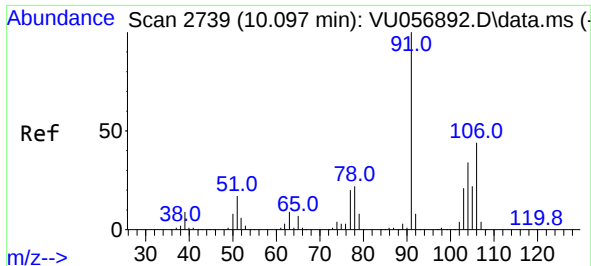
Tgt Ion: 91 Resp: 29178
Ion Ratio Lower Upper
91 100
106 26.1 20.6 38.4



#53
m,p-Xylene
Concen: 0.405 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 106 Resp: 13318
Ion Ratio Lower Upper
106 100
91 222.2 154.0 286.0

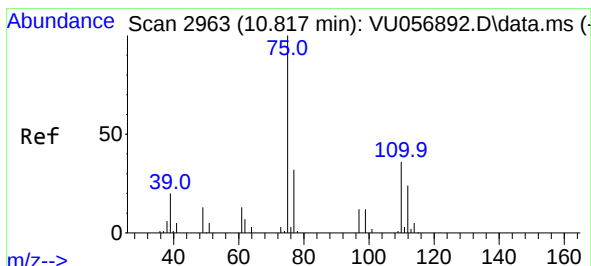
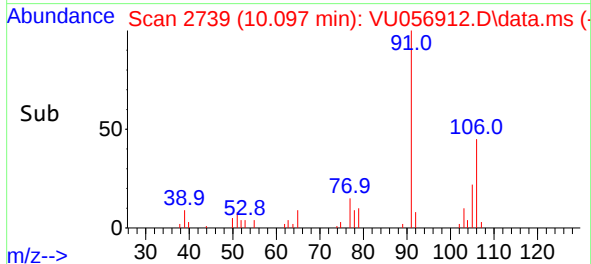
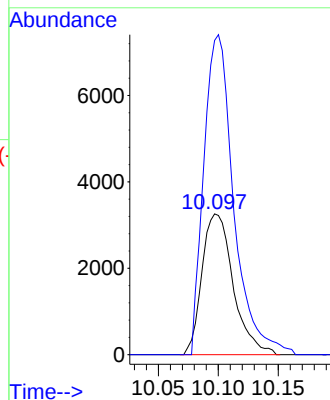
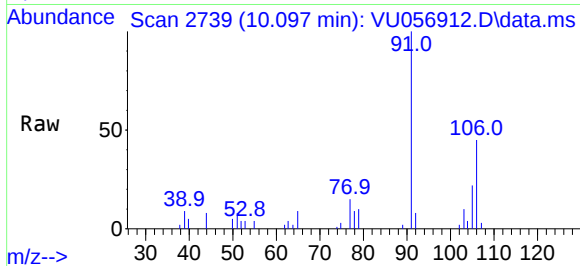




#54
o-Xylene
Concen: 0.189 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Instrument :
MSVOA_U
ClientSampleId :
E0YA2

Tgt Ion:106 Resp: 5913
Ion Ratio Lower Upper
106 100
91 223.2 160.2 297.6



#61
1,2,3-Trichloropropane
Concen: 1.198 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056912.D
Acq: 16 Dec 2023 04:55

Tgt Ion: 75 Resp: 11982
Ion Ratio Lower Upper
75 100
110 3.3 28.4 42.6#
77 32.5 26.3 39.5

