

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056884.D
 Acq On : 15 Dec 2023 17:12
 Operator : MD/SY
 Sample : 05731-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y59

Quant Time: Dec 15 22:26:40 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	224349	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84047	4.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.907	69	70157	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	36636	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.618	46	193115	50.850	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	5.055	84	177767	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	86791	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	330611	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	105171	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.894	98	270625	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	39607	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.627	63	154548	48.163	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79999	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	97154	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7030	0.304	ug/L	93
15) Methyl Acetate	3.042	43	2466	0.391	ug/L #	49
18) trans-1,2-Dichloroethene	3.354	96	2482	0.134	ug/L	70
22) cis-1,2-Dichloroethene	4.660	96	25468	1.268	ug/L	91
30) Cyclohexane	5.383	56	8601	0.281	ug/L	96
33) Benzene	5.772	78	21876	0.275	ug/L	100
34) Trichloroethene	6.537	95	96047	4.409	ug/L	98
35) Methylcyclohexane	6.759	83	11248	0.350	ug/L	97
37) 1,2-Dichloropropane	6.685	63	11060	0.544	ug/L #	88
42) Toluene	7.968	91	100313	1.221	ug/L	97
47) Tetrachloroethene	8.550	164	7708	0.506	ug/L	93
48) 2-Hexanone	8.685	43	5456	0.794	ug/L #	93
49) Dibromochloromethane	8.547	129	7103	0.450	ug/L #	11
52) Ethylbenzene	9.570	91	19204	0.212	ug/L	92
53) m,p-Xylene	9.688	106	9729	0.288	ug/L	92
54) o-Xylene	10.100	106	4577	0.142	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	13476	1.270	ug/L #	68

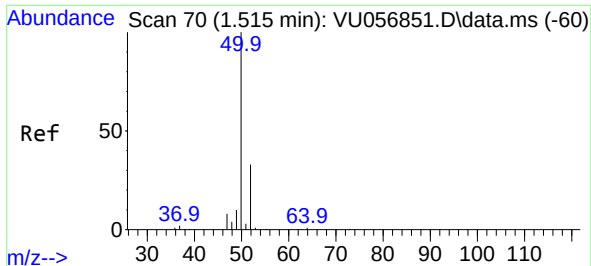
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
Data File : VU056884.D
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Response via : Initial Calibration

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

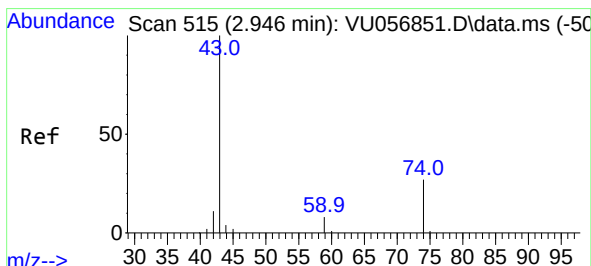
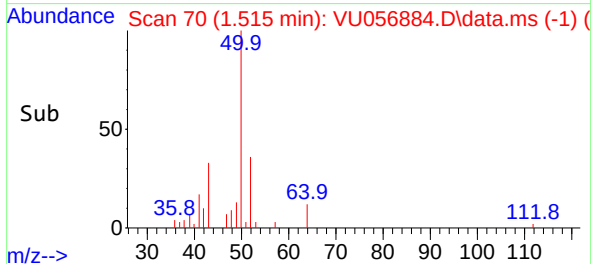
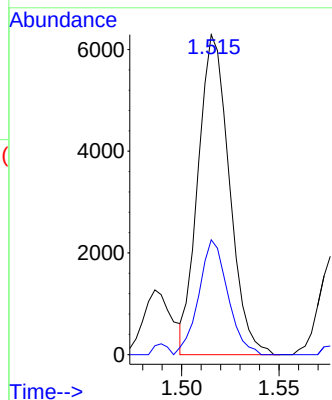
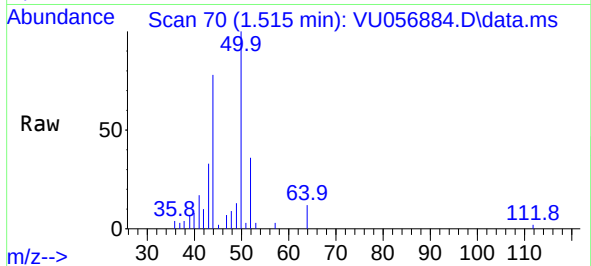
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#3
Chloromethane
Concen: 0.304 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

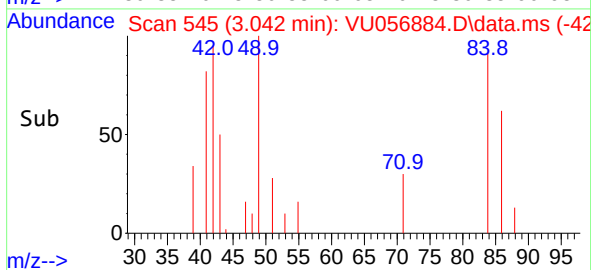
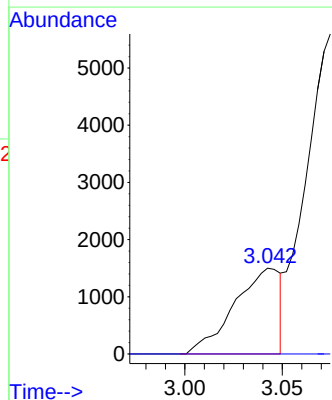
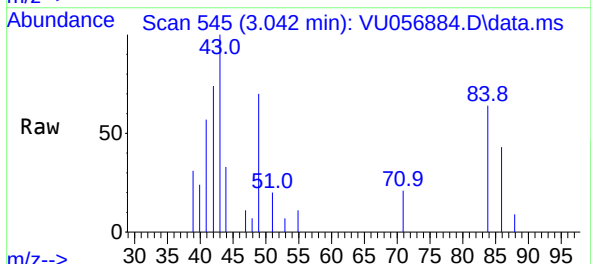
Instrument :
MSVOA_U
ClientSampleId :
E0Y59

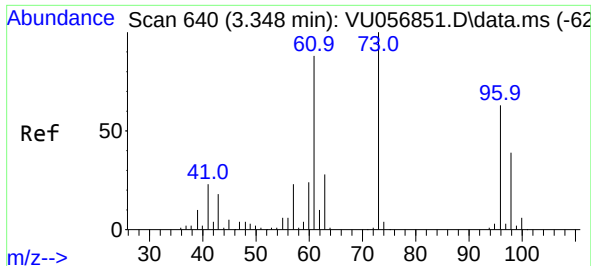
Tgt Ion: 50 Resp: 7030
Ion Ratio Lower Upper
50 100
52 35.9 22.5 41.7



#15
Methyl Acetate
Concen: 0.391 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.096 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Tgt Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#

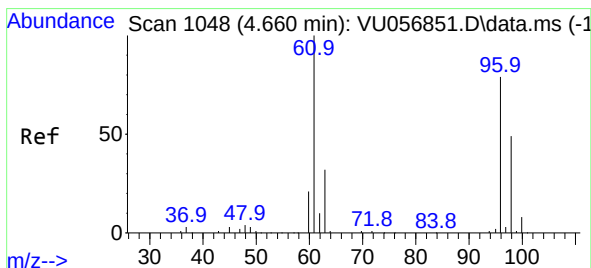
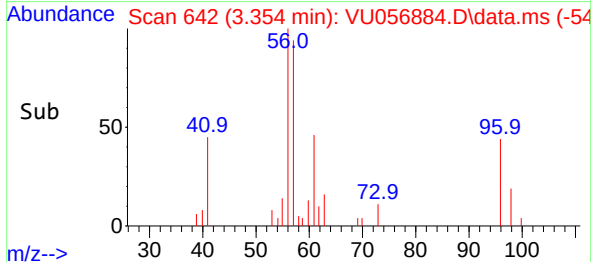
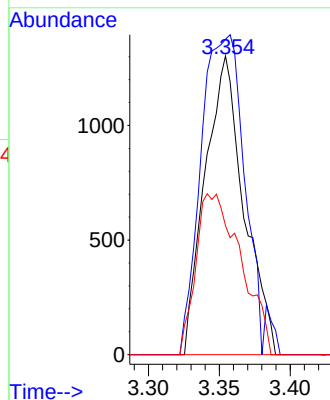
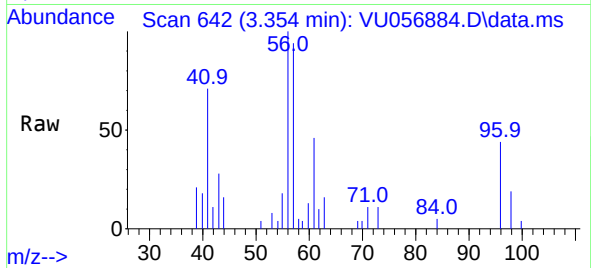




#18
trans-1,2-Dichloroethene
Concen: 0.134 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

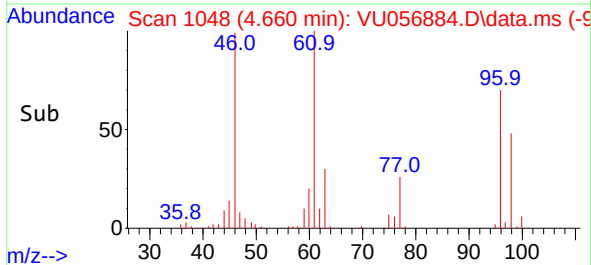
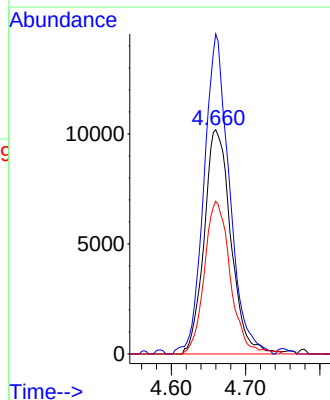
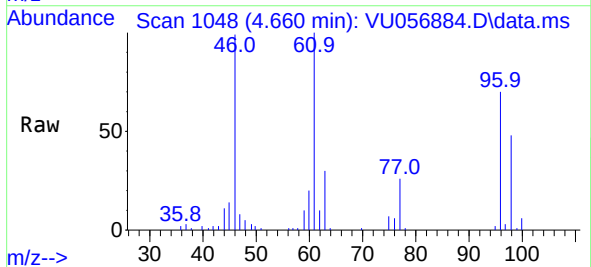
Instrument :
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ClientSampleId :
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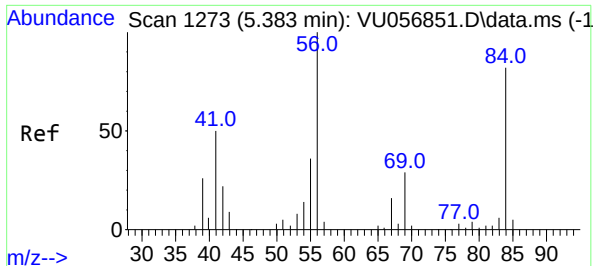
Tgt Ion: 96 Resp: 2482
Ion Ratio Lower Upper
96 100
61 105.6 101.8 189.0
98 43.2 43.0 79.8



#22
cis-1,2-Dichloroethene
Concen: 1.268 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Tgt Ion: 96 Resp: 25468
Ion Ratio Lower Upper
96 100
61 142.8 91.3 169.6
98 68.1 44.2 82.0

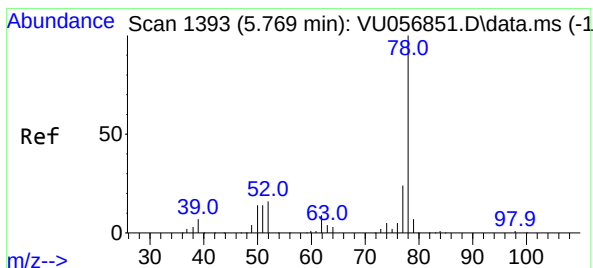
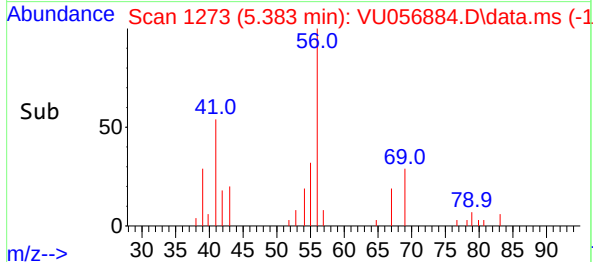
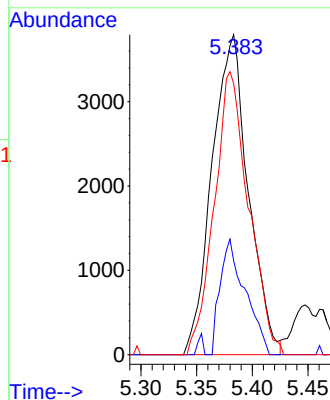
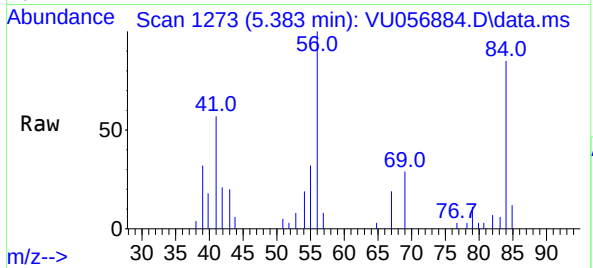




#30
Cyclohexane
Concen: 0.281 ug/L
RT: 5.383 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

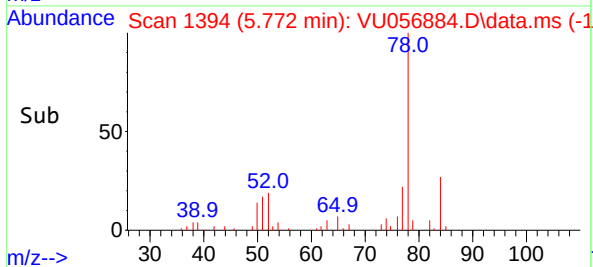
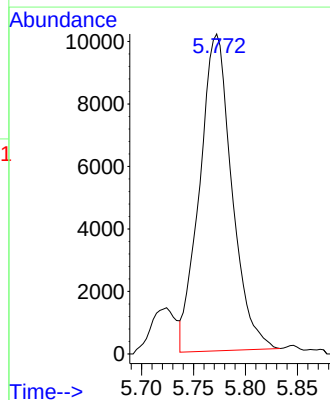
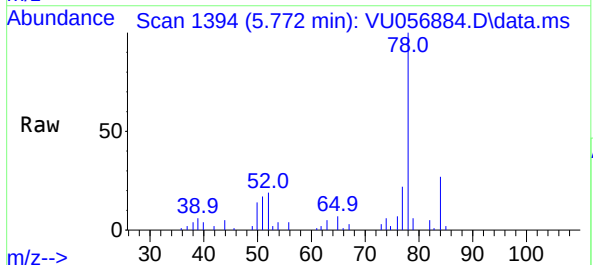
Instrument :
MSVOA_U
ClientSampleId :
E0Y59

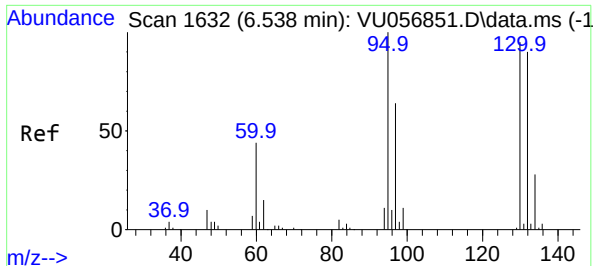
Tgt Ion: 56 Resp: 8601
Ion Ratio Lower Upper
56 100
69 25.0 24.9 37.3
84 83.8 67.6 101.4



#33
Benzene
Concen: 0.275 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Tgt Ion: 78 Resp: 21876





#34

Trichloroethene

Concen: 4.409 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056884.D

Acq: 15 Dec 2023 17:12

Instrument :

MSVOA_U

ClientSampleId :

E0Y59

Tgt Ion: 95 Resp: 96047

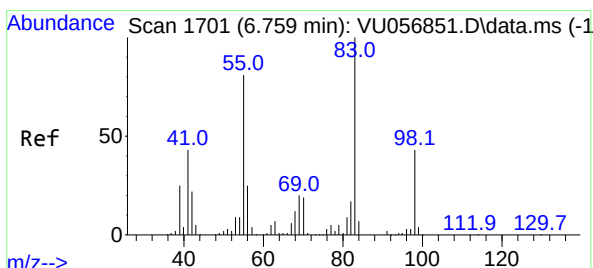
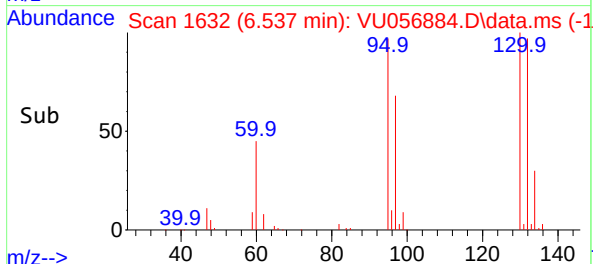
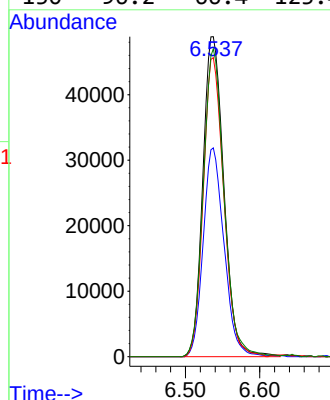
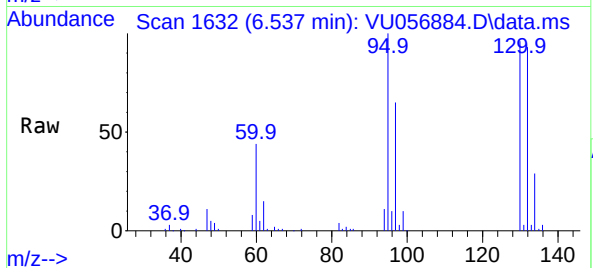
Ion Ratio Lower Upper

95 100

97 65.2 46.1 85.5

132 93.4 63.6 118.0

130 96.2 66.4 123.4



#35

Methylcyclohexane

Concen: 0.350 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056884.D

Acq: 15 Dec 2023 17:12

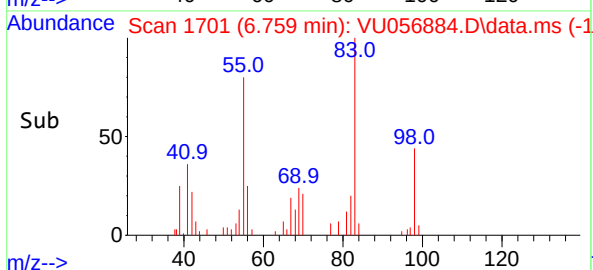
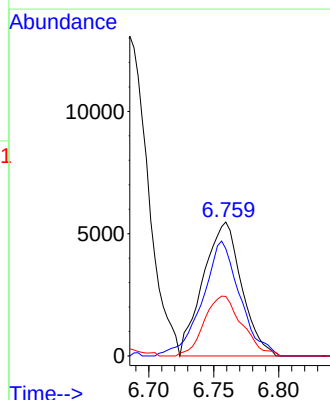
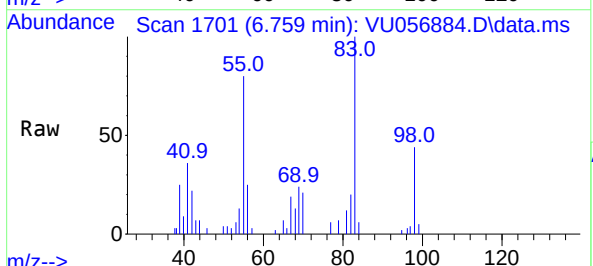
Tgt Ion: 83 Resp: 11248

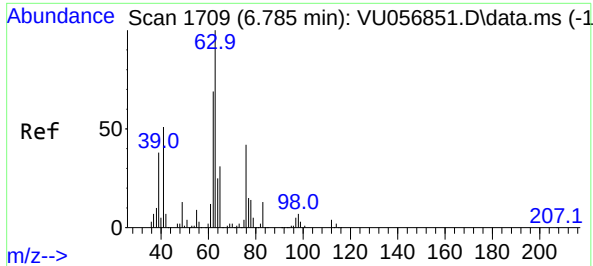
Ion Ratio Lower Upper

83 100

55 83.6 64.6 97.0

98 44.0 36.1 54.1

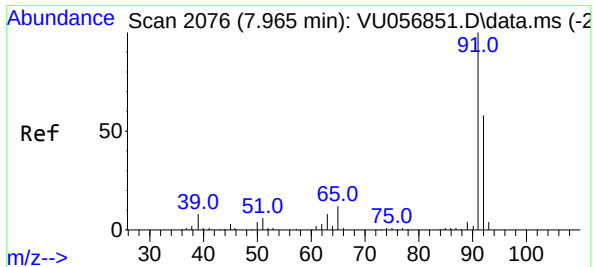
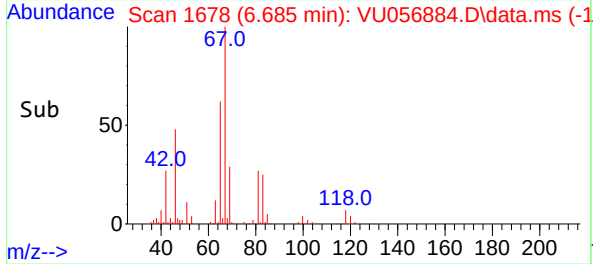
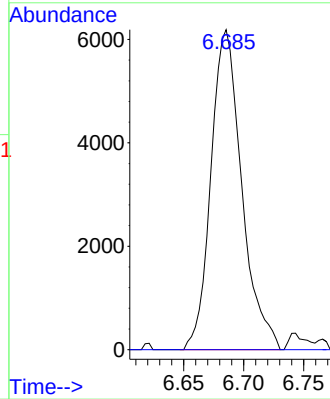
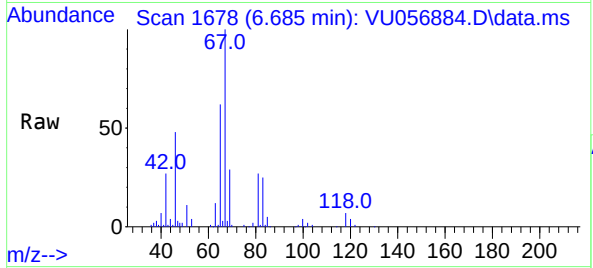




#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.685 min Scan# 11060
Delta R.T. -0.100 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

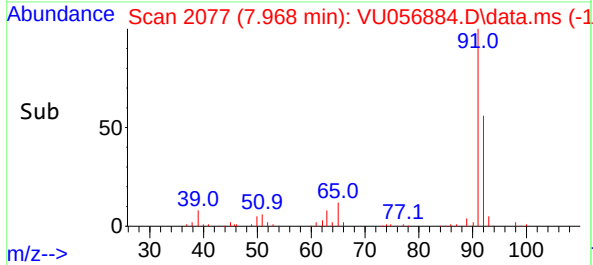
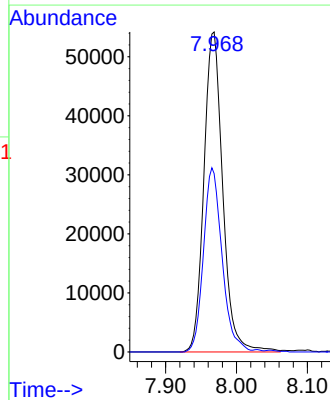
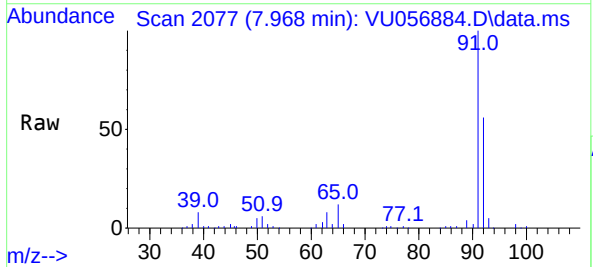
Instrument :
MSVOA_U
ClientSampleId :
E0Y59

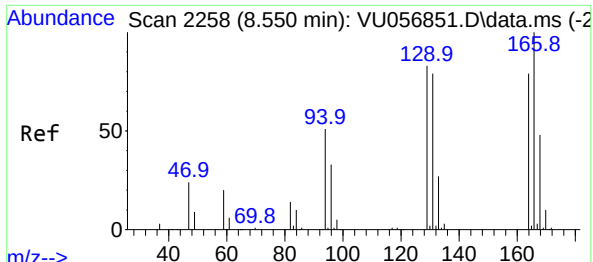
Tgt Ion: 63 Resp: 11060
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 1.221 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Tgt Ion: 91 Resp: 100313
Ion Ratio Lower Upper
91 100
92 55.7 40.4 75.0



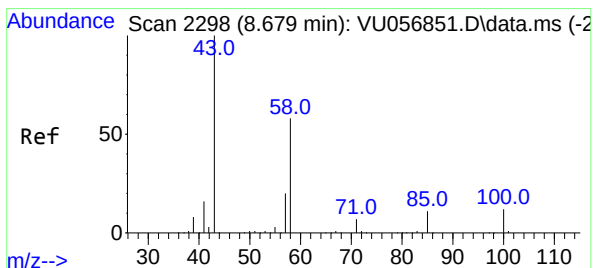
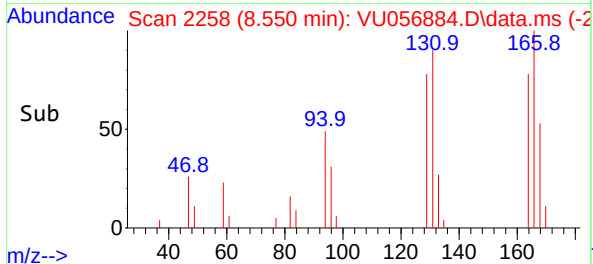
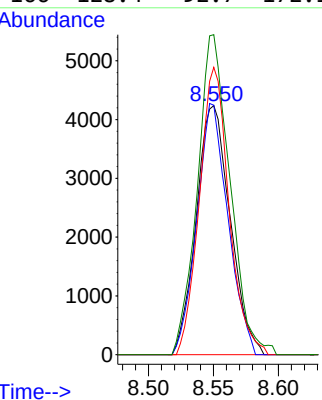
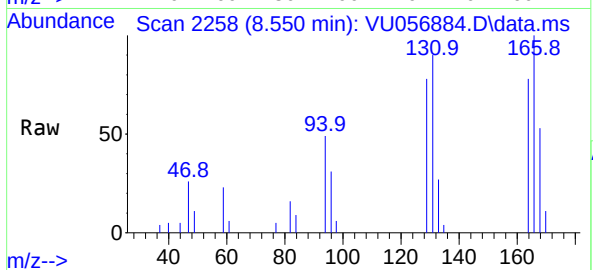


#47
Tetrachloroethene
Concen: 0.506 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :
E0Y59

Tgt Ion:164 Resp: 7708

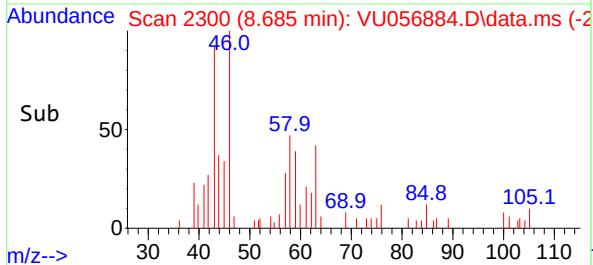
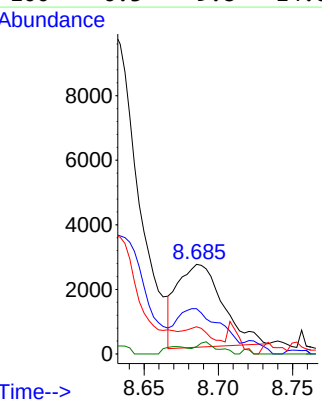
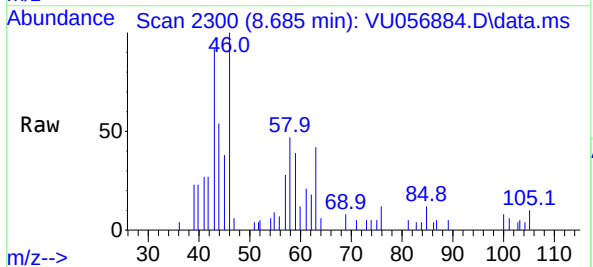
Ion	Ratio	Lower	Upper
164	100		
129	100.1	73.4	136.4
131	115.3	71.5	132.9
166	128.4	92.7	172.1

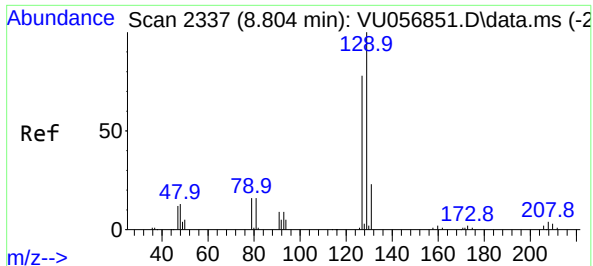


#48
2-Hexanone
Concen: 0.794 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Tgt Ion: 43 Resp: 5456

Ion	Ratio	Lower	Upper
43	100		
58	54.7	47.5	71.3
57	18.3	17.0	25.4
100	6.3	9.8	14.8





#49

Dibromochloromethane

Concen: 0.450 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056884.D

Acq: 15 Dec 2023 17:12

Instrument :

MSVOA_U

ClientSampleId :

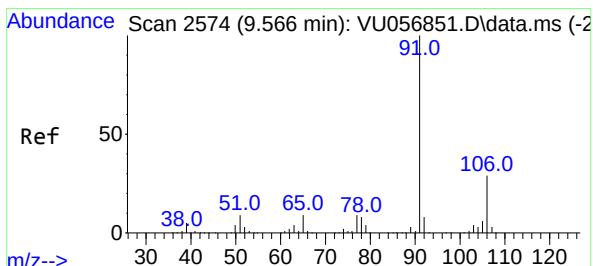
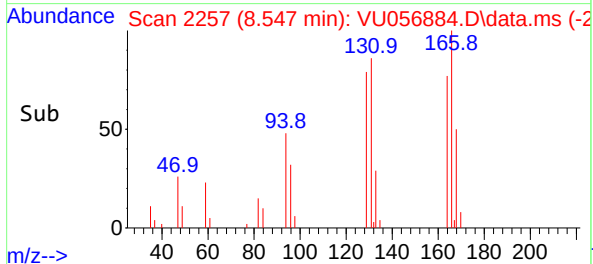
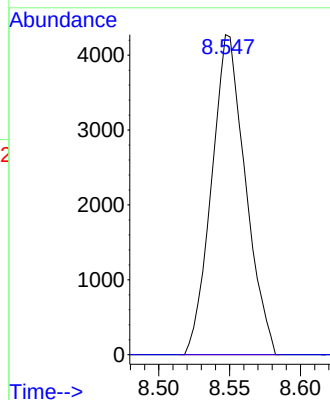
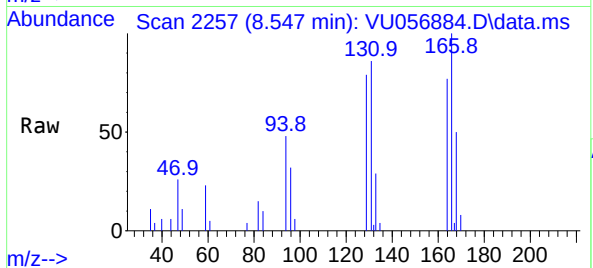
E0Y59

Tgt Ion:129 Resp: 7103

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#52

Ethylbenzene

Concen: 0.212 ug/L

RT: 9.570 min Scan# 2575

Delta R.T. 0.003 min

Lab File: VU056884.D

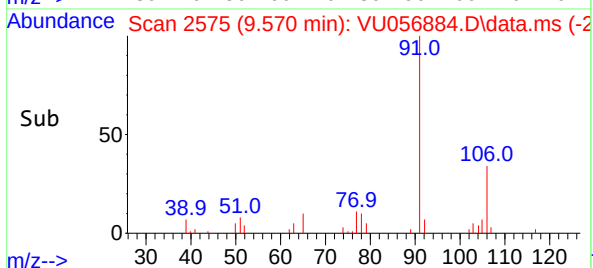
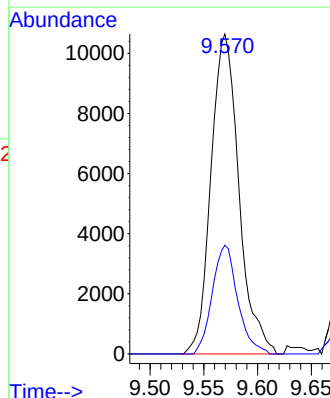
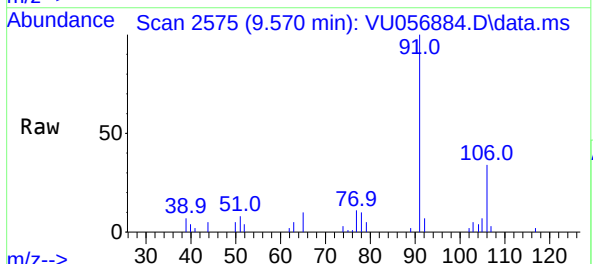
Acq: 15 Dec 2023 17:12

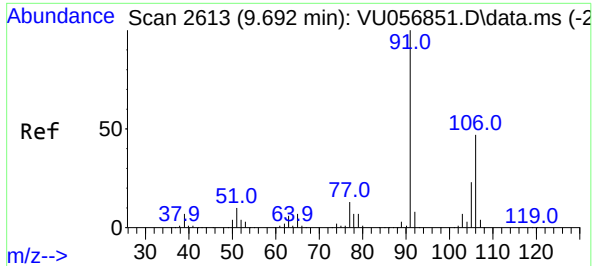
Tgt Ion: 91 Resp: 19204

Ion Ratio Lower Upper

91 100

106 34.0 20.6 38.4

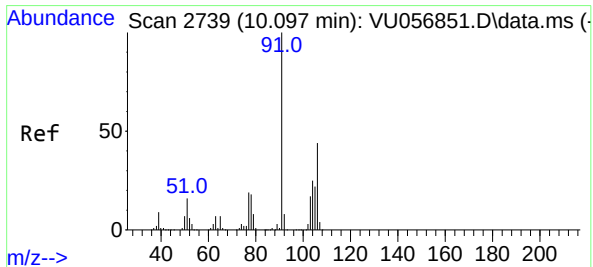
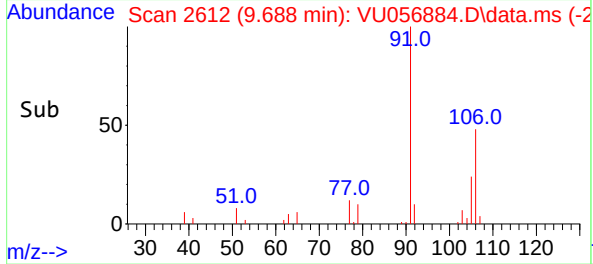
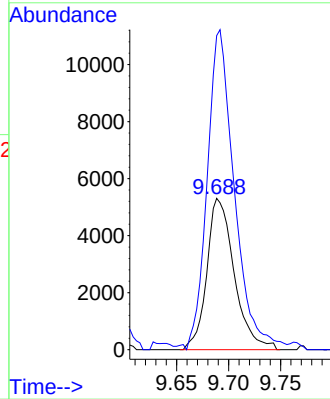
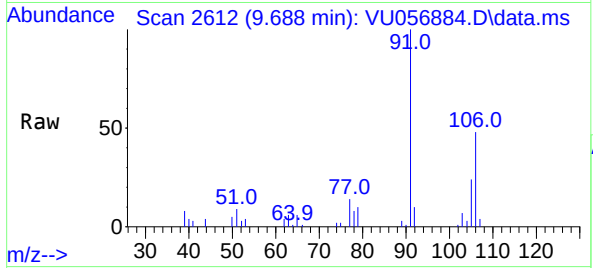




#53
m,p-Xylene
Concen: 0.288 ug/L
RT: 9.688 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

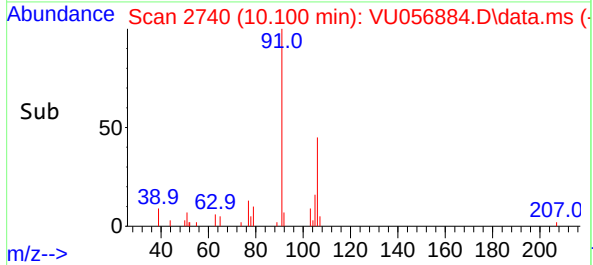
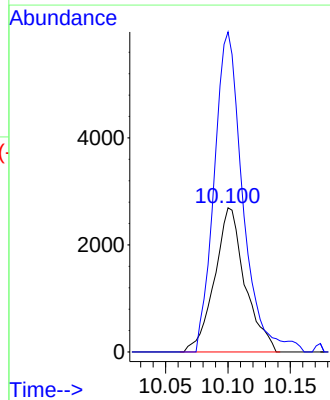
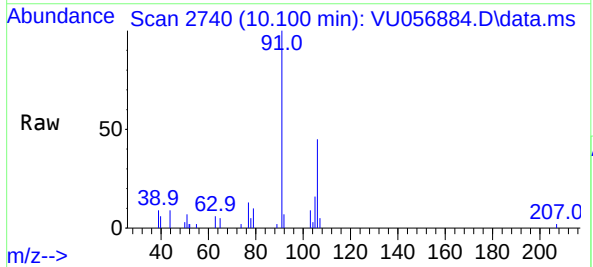
Instrument :
MSVOA_U
ClientSampleId :
E0Y59

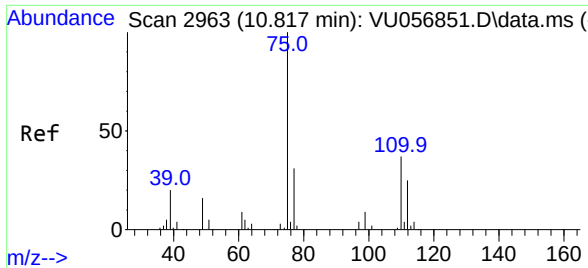
Tgt Ion:106 Resp: 9729
Ion Ratio Lower Upper
106 100
91 207.6 154.0 286.0



#54
o-Xylene
Concen: 0.142 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Tgt Ion:106 Resp: 4577
Ion Ratio Lower Upper
106 100
91 222.1 160.2 297.6





#61
1,2,3-Trichloropropane
Concen: 1.270 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :
E0Y59

Tgt Ion: 75 Resp: 13476
Ion Ratio Lower Upper
75 100
110 3.4 28.4 42.6#
77 28.7 26.3 39.5

