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 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

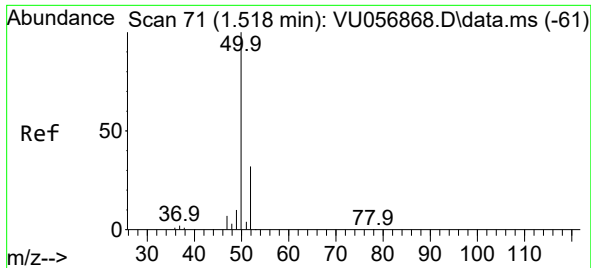
Instrument :
 MSVOA_U
 ClientSampleId :
 EOY59

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
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
42) Toluene	7.968	91	100313	1.221	ug/L	97
47) Tetrachloroethene	8.550	164	7708	0.506	ug/L	93
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

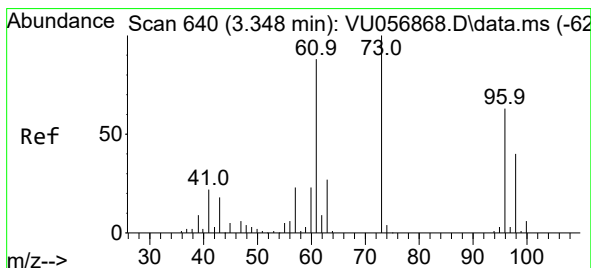
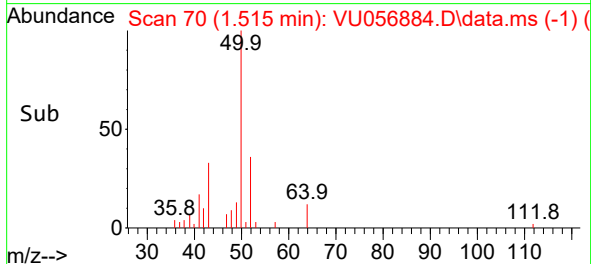
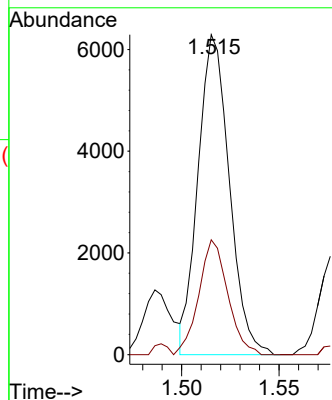
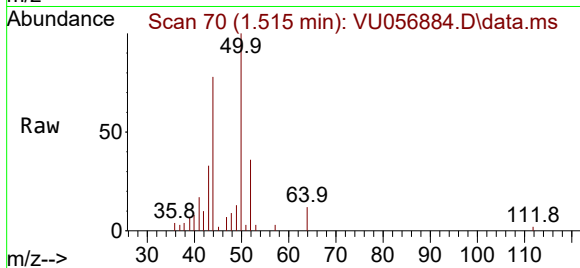
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

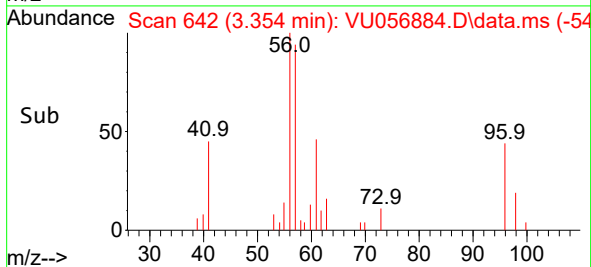
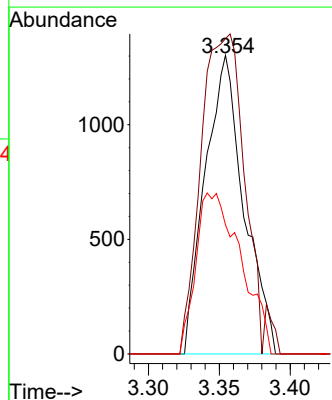
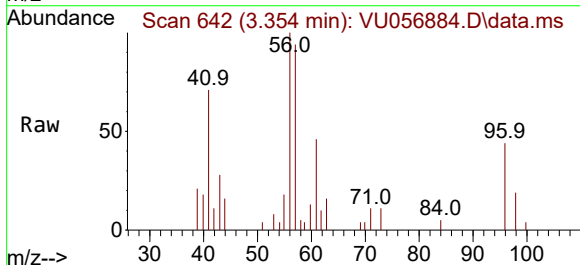
Instrument :
MSVOA_U
ClientSampleId :
E0Y59

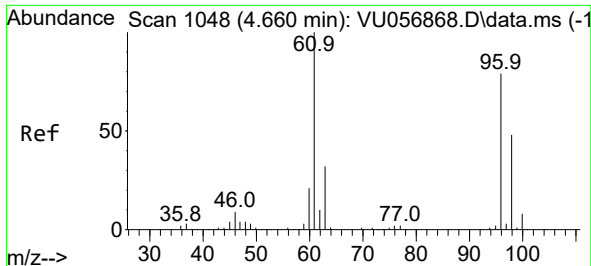
Tgt Ion: 50 Resp: 7030
Ion Ratio Lower Upper
50 100
52 35.9 22.5 41.7



#18
trans-1,2-Dichloroethene
Concen: 0.134 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

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

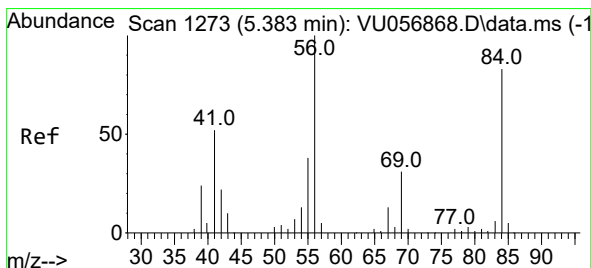
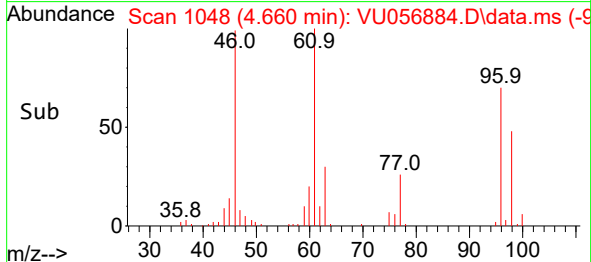
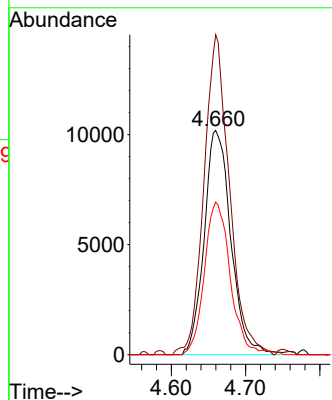
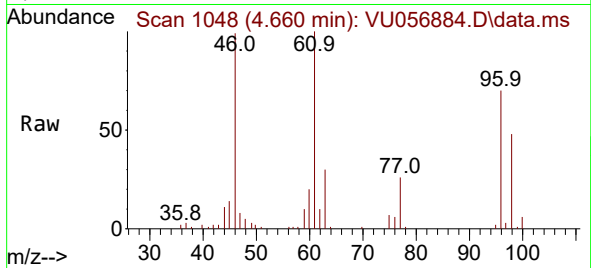




#22
 cis-1,2-Dichloroethene
 Concen: 1.268 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056884.D
 Acq: 15 Dec 2023 17:12

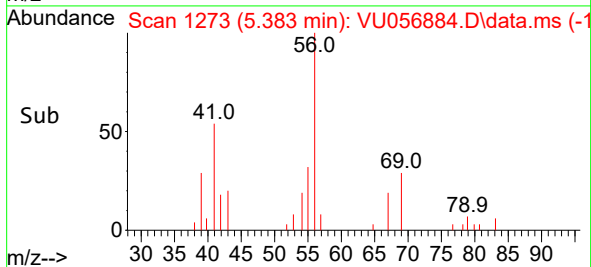
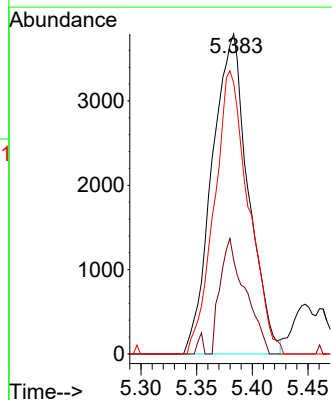
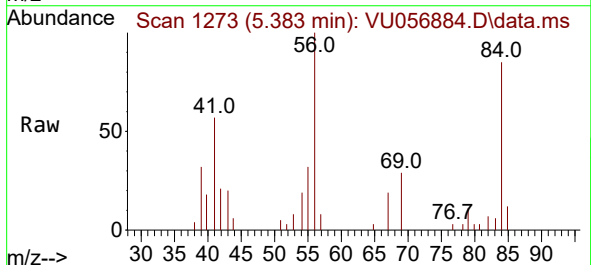
Instrument :
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 ClientSampleId :
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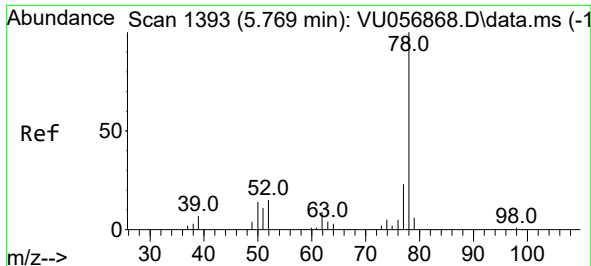
Tgt Ion:	96	Resp:	25468
Ion	Ratio	Lower	Upper
96	100		
61	142.8	91.3	169.6
98	68.1	44.2	82.0



#30
 Cyclohexane
 Concen: 0.281 ug/L
 RT: 5.383 min Scan# 1273
 Delta R.T. -0.000 min
 Lab File: VU056884.D
 Acq: 15 Dec 2023 17:12

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

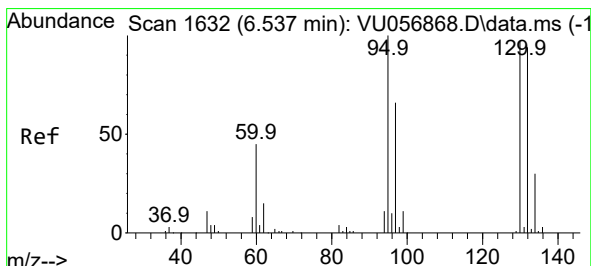
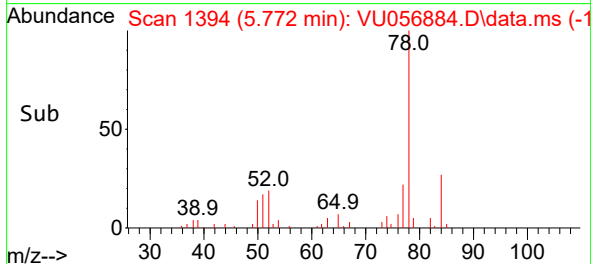
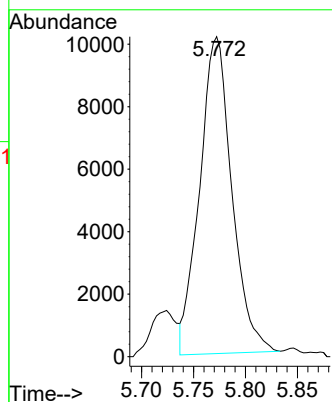
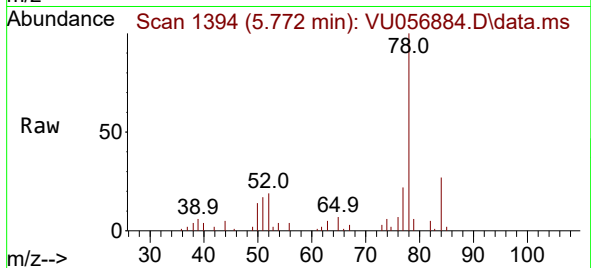




#33
Benzene
Concen: 0.275 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

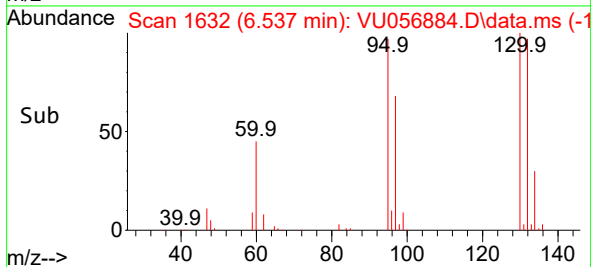
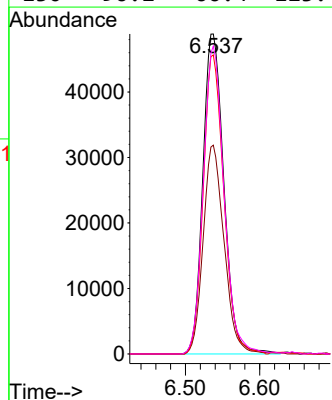
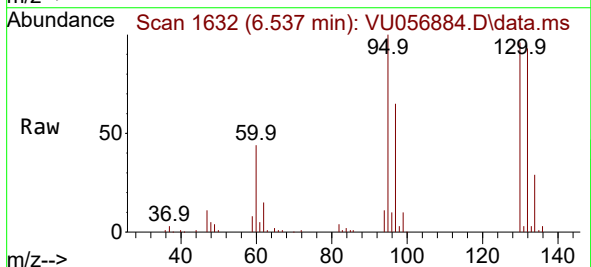
Instrument :
MSVOA_U
ClientSampleId :
E0Y59

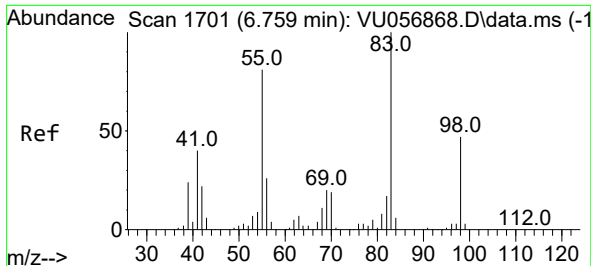
Tgt Ion: 78 Resp: 21876



#34
Trichloroethene
Concen: 4.409 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

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

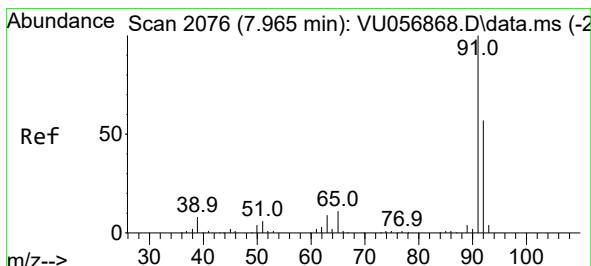
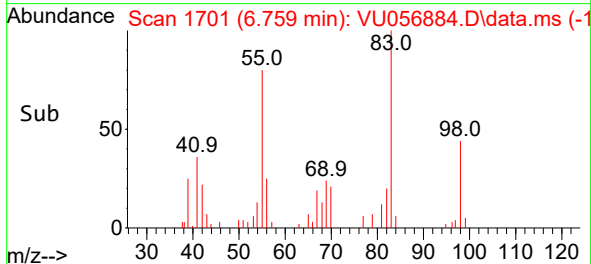
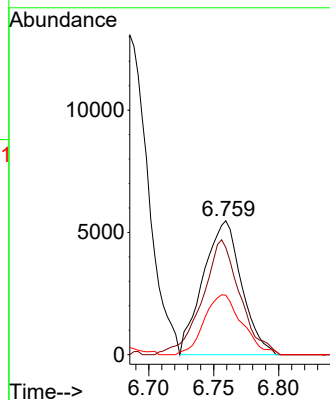
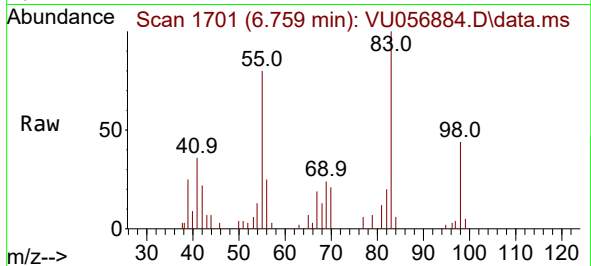




#35
Methylcyclohexane
Concen: 0.350 ug/L
RT: 6.759 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

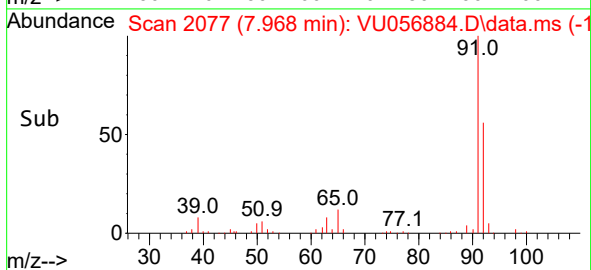
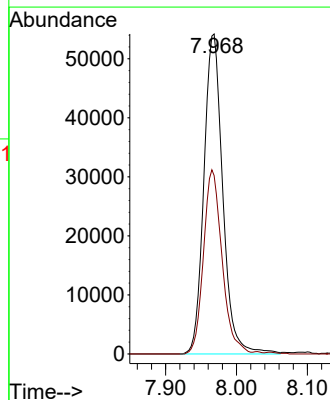
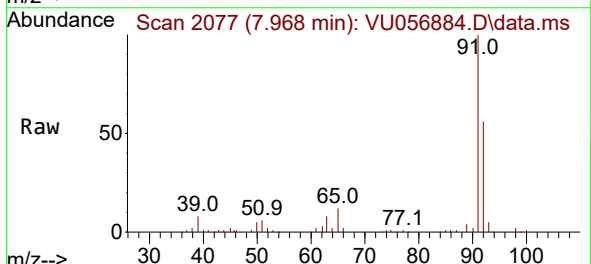
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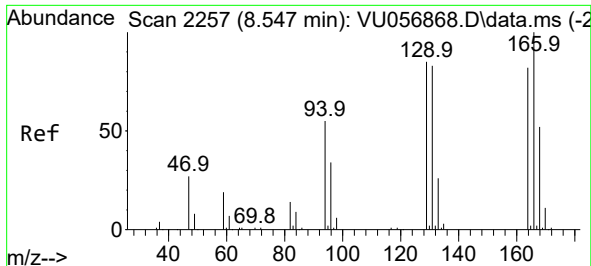
Tgt Ion: 83 Resp: 11248
Ion Ratio Lower Upper
83 100
55 83.6 64.6 97.0
98 44.0 36.1 54.1



#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

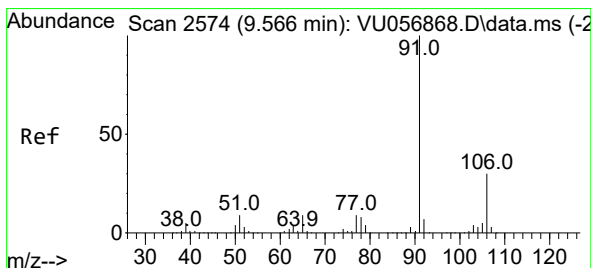
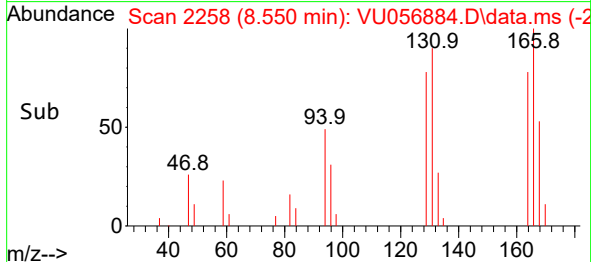
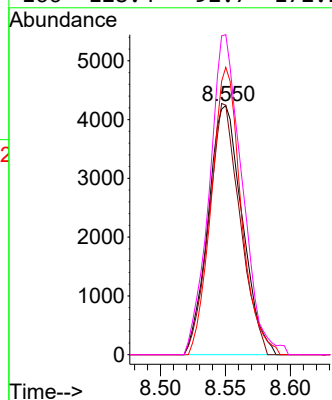
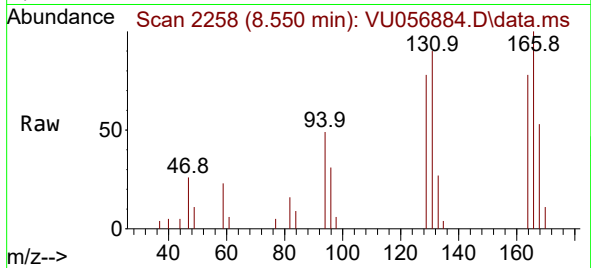




#47
Tetrachloroethene
Concen: 0.506 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

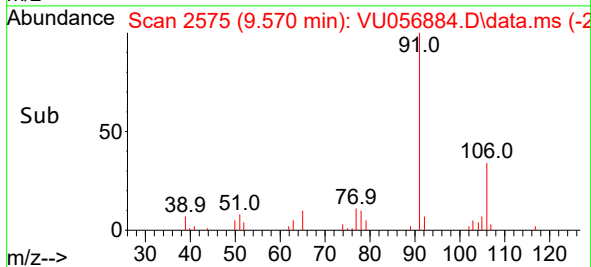
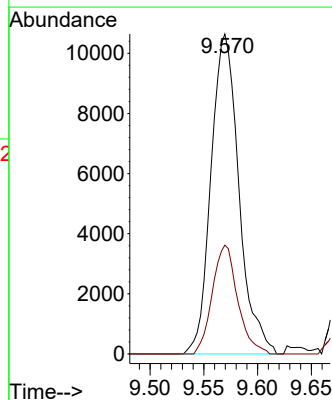
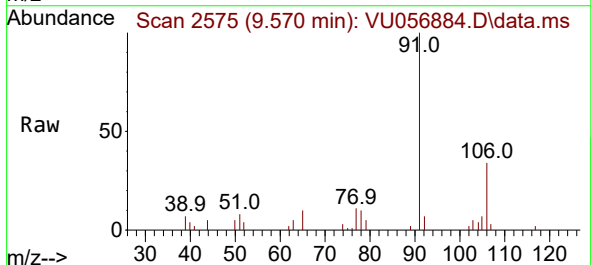
Instrument :
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ClientSampleId :
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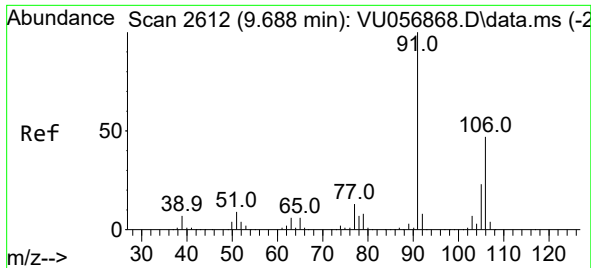
Tgt Ion:164 Resp: 7708
Ion Ratio Lower Upper
164 100
129 100.1 73.4 136.4
131 115.3 71.5 132.9
166 128.4 92.7 172.1



#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

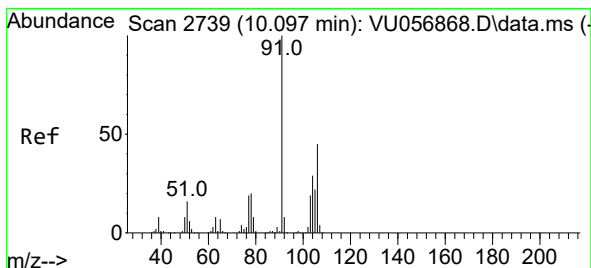
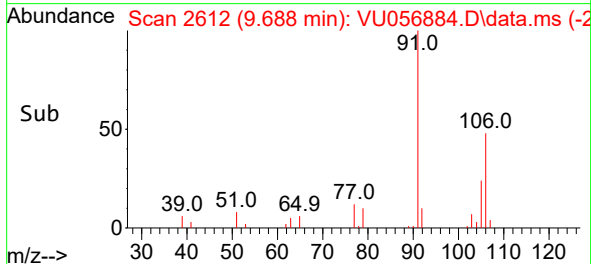
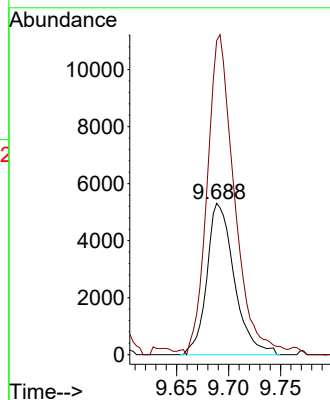
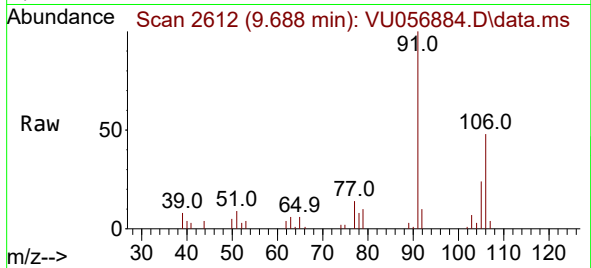




#53
m,p-Xylene
Concen: 0.288 ug/L
RT: 9.688 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056884.D
Acq: 15 Dec 2023 17:12

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

