

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056857.D
 Acq On : 15 Dec 2023 00:13
 Operator : MD/SY
 Sample : 05731-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 05:10:25 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)

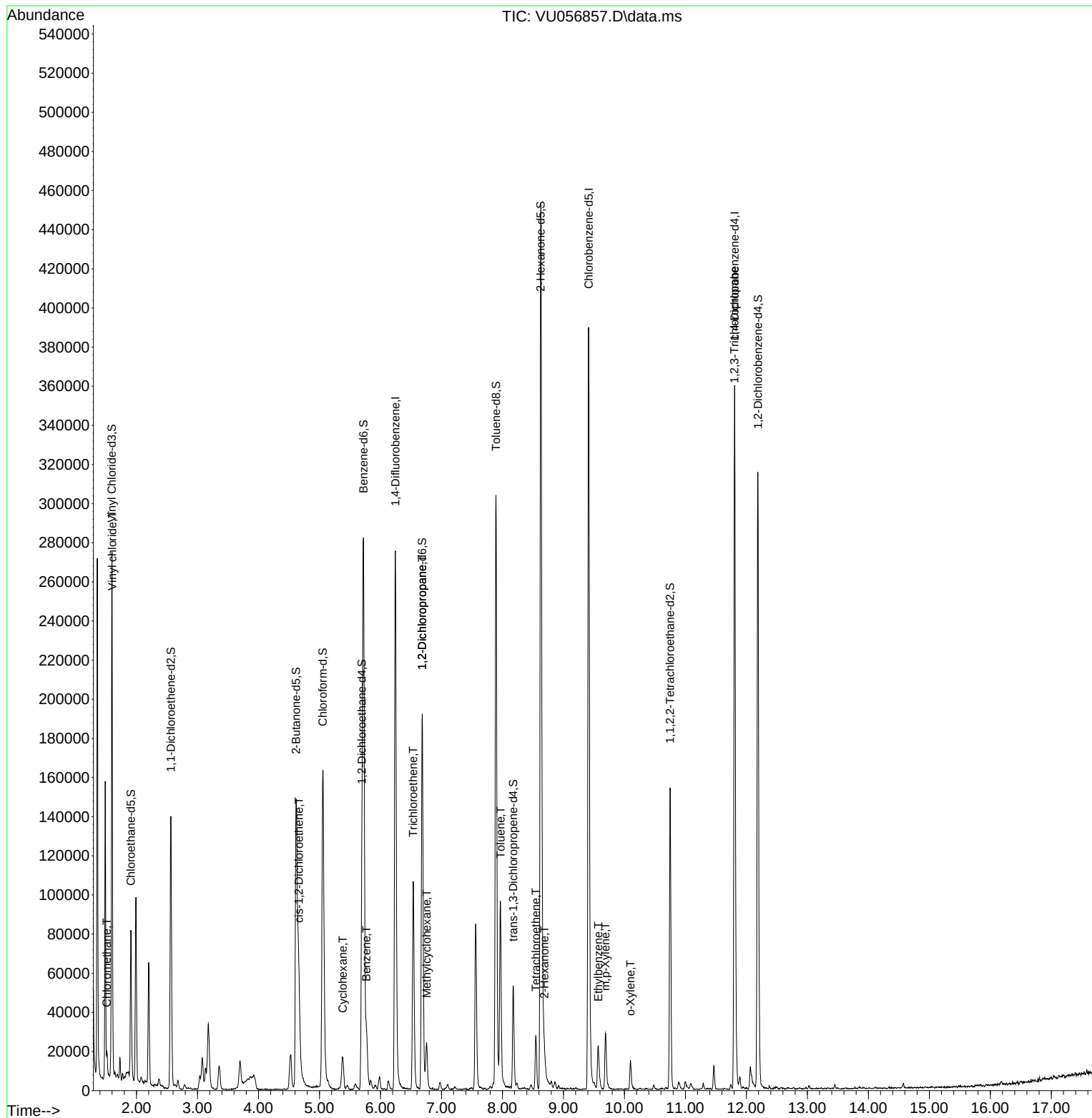
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225242	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	232453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58585	3.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.907	69	55131	3.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.563	65	26443	3.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.618	46	214178	56.173	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.340%
24) Chloroform-d	5.055	84	156837	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	80763	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.721	84	271400	3.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.685	67	94664	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	208648	3.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	33317	3.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.627	63	153957	46.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77460	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85003	4.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	6259	0.270	ug/L	99
5) Vinyl chloride	1.602	62	5692	0.247	ug/L #	45
22) cis-1,2-Dichloroethene	4.663	96	18935	0.939	ug/L	97
30) Cyclohexane	5.380	56	7539	0.239	ug/L	97
33) Benzene	5.769	78	26687	0.327	ug/L	100
34) Trichloroethene	6.537	95	38090	1.700	ug/L	97
35) Methylcyclohexane	6.756	83	8025	0.243	ug/L	92
37) 1,2-Dichloropropane	6.685	63	10060	0.481	ug/L #	89
42) Toluene	7.968	91	73997	0.875	ug/L	96
47) Tetrachloroethene	8.547	164	6212	0.396	ug/L	85
48) 2-Hexanone	8.688	43	7420	1.050	ug/L #	79
52) Ethylbenzene	9.573	91	17344	0.186	ug/L	99
53) m,p-Xylene	9.688	106	8503	0.245	ug/L	87
54) o-Xylene	10.100	106	4108	0.124	ug/L	68
61) 1,2,3-Trichloropropane	11.804	75	12269	1.180	ug/L #	69

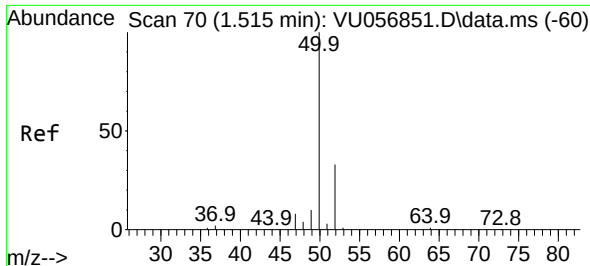
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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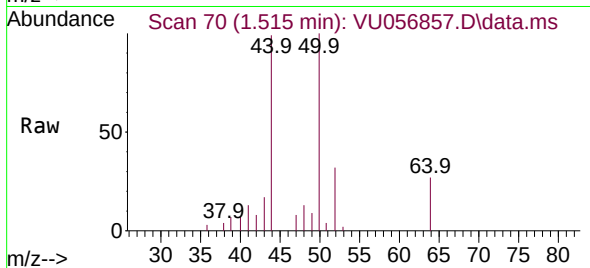
Quant Time: Dec 15 05:10:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration



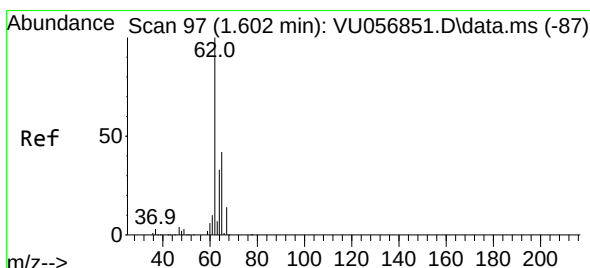
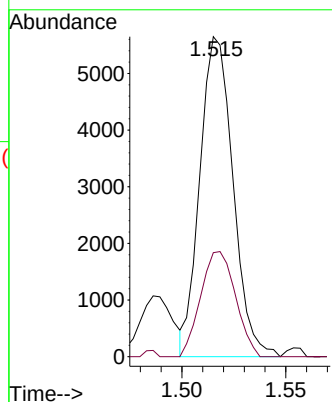
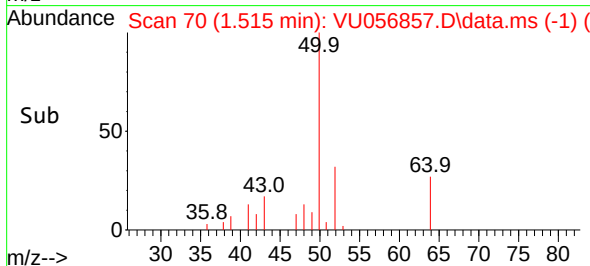


#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Instrument :
MSVOA_U
ClientSampleId :

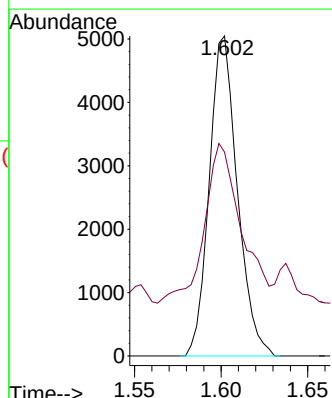
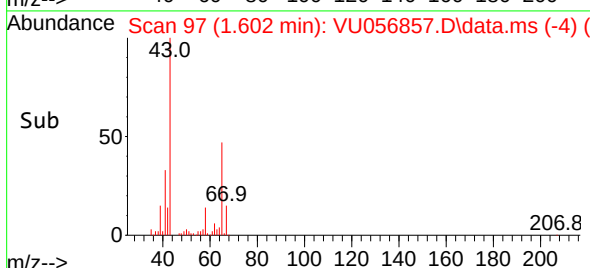
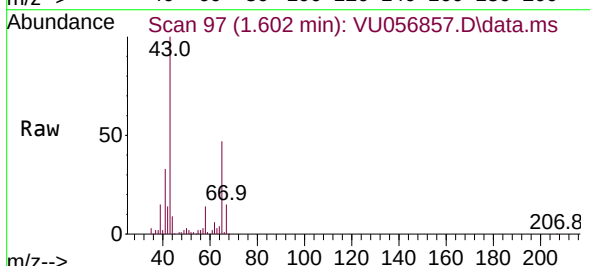


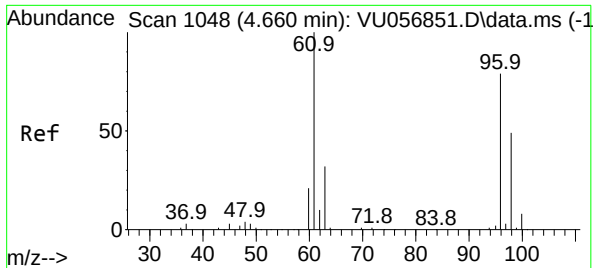
Tgt Ion: 50 Resp: 6259
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.7



#5
Vinyl chloride
Concen: 0.247 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Tgt Ion: 62 Resp: 5692
Ion Ratio Lower Upper
62 100
64 63.7 22.8 42.4#

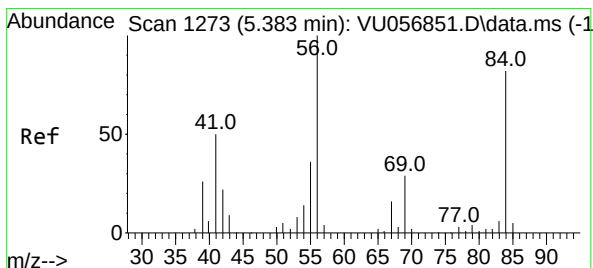
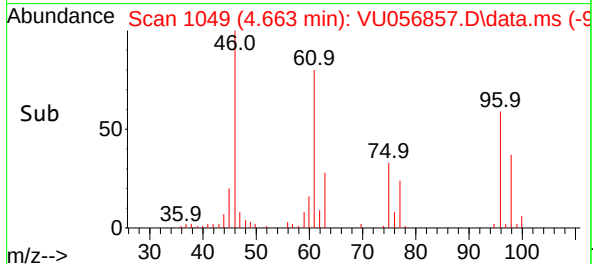
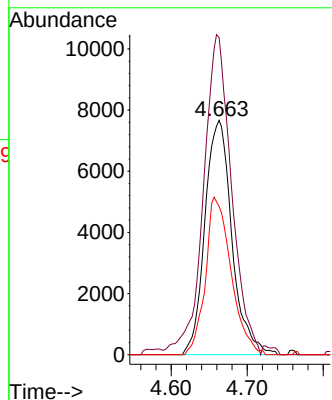
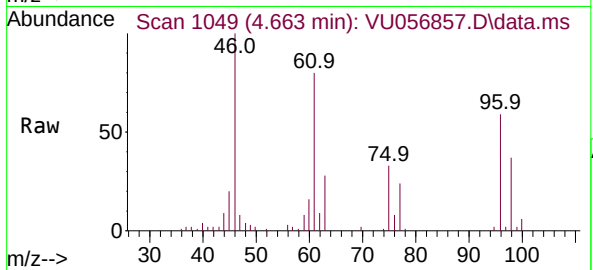




#22
 cis-1,2-Dichloroethene
 Concen: 0.939 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056857.D
 Acq: 15 Dec 2023 00:13

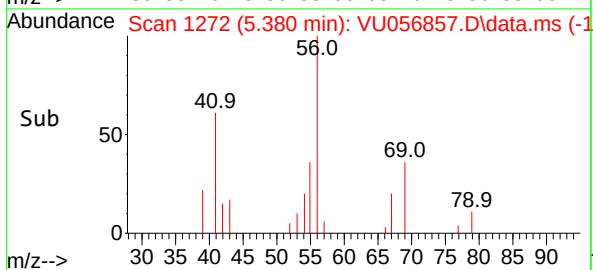
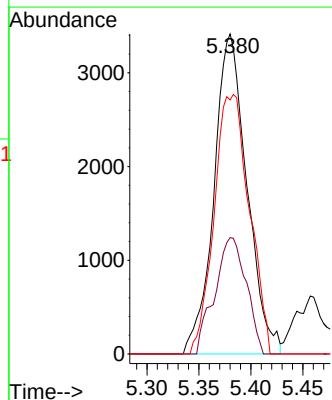
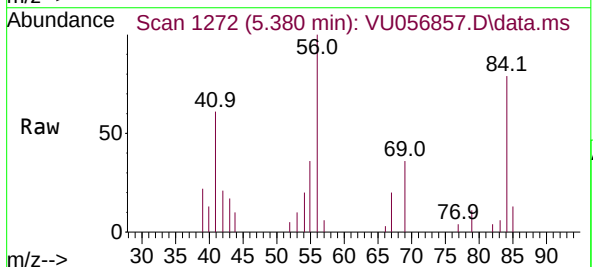
Instrument :
 MSVOA_U
 ClientSampleId :

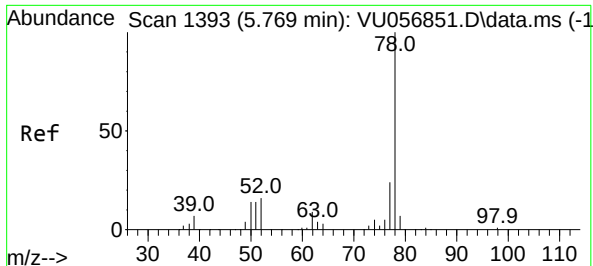
Tgt Ion: 96 Resp: 18935
 Ion Ratio Lower Upper
 96 100
 61 135.4 91.3 169.6
 98 63.3 44.2 82.0



#30
 Cyclohexane
 Concen: 0.239 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. -0.003 min
 Lab File: VU056857.D
 Acq: 15 Dec 2023 00:13

Tgt Ion: 56 Resp: 7539
 Ion Ratio Lower Upper
 56 100
 69 34.7 24.9 37.3
 84 86.4 67.6 101.4

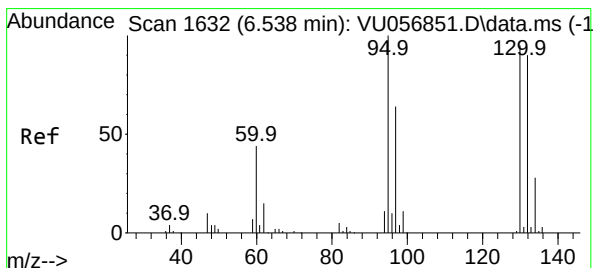
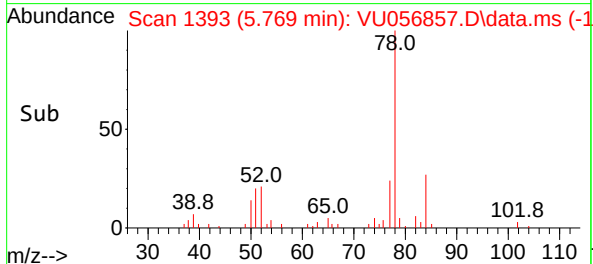
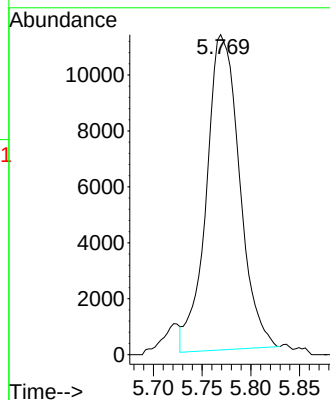
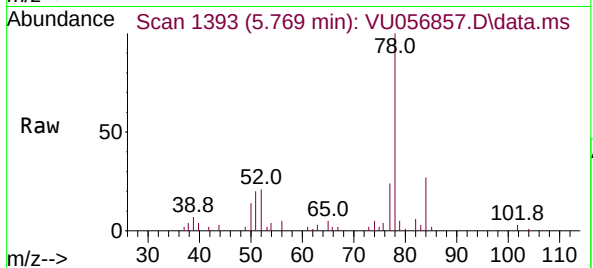




#33
Benzene
Concen: 0.327 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Instrument :
MSVOA_U
ClientSampleId :

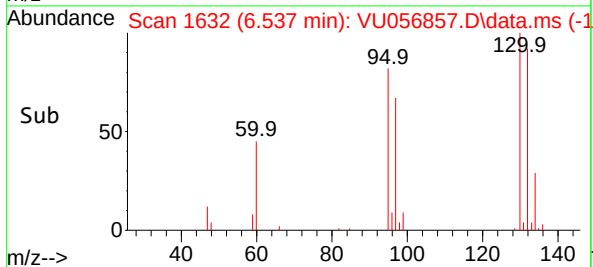
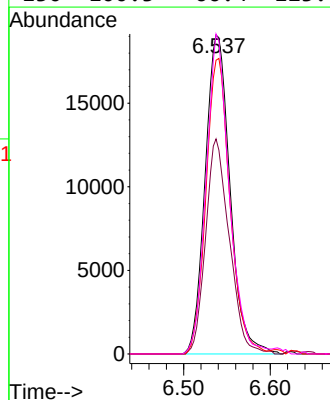
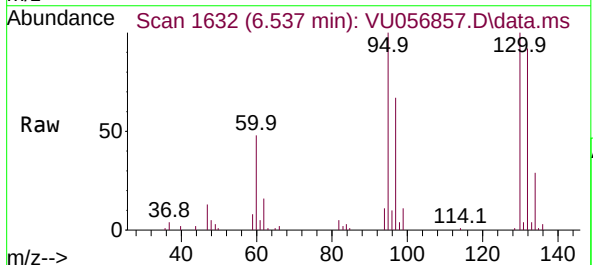
Tgt Ion: 78 Resp: 26687

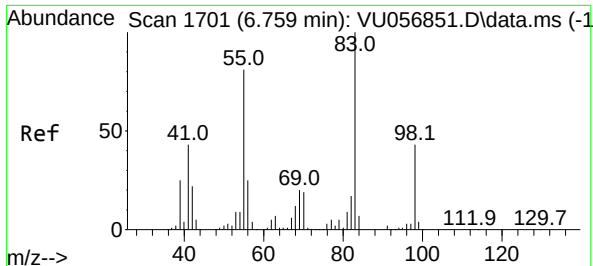


#34
Trichloroethene
Concen: 1.700 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Tgt Ion: 95 Resp: 38090

Ion	Ratio	Lower	Upper
95	100		
97	67.4	46.1	85.5
132	92.1	63.6	118.0
130	100.3	66.4	123.4





#35

Methylcyclohexane

Concen: 0.243 ug/L

RT: 6.756 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056857.D

Acq: 15 Dec 2023 00:13

Instrument :

MSVOA_U

ClientSampleId :

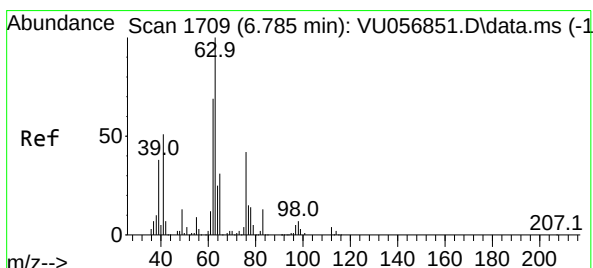
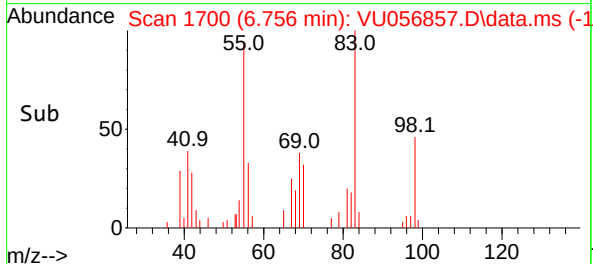
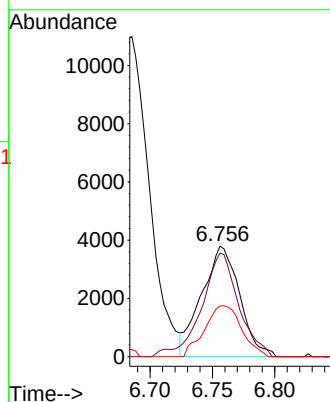
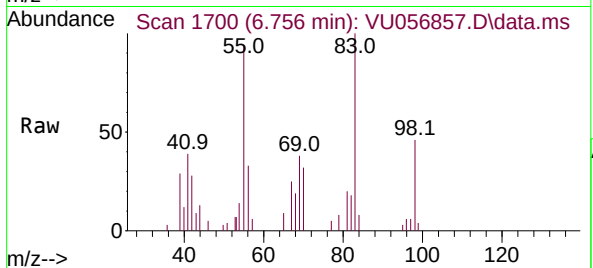
Tgt Ion: 83 Resp: 8025

Ion Ratio Lower Upper

83 100

55 91.2 64.6 97.0

98 44.9 36.1 54.1



#37

1,2-Dichloropropane

Concen: 0.481 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056857.D

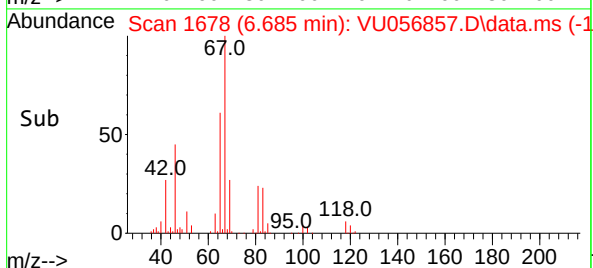
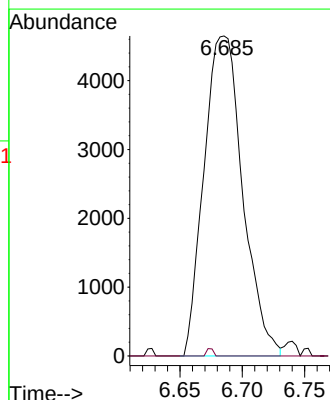
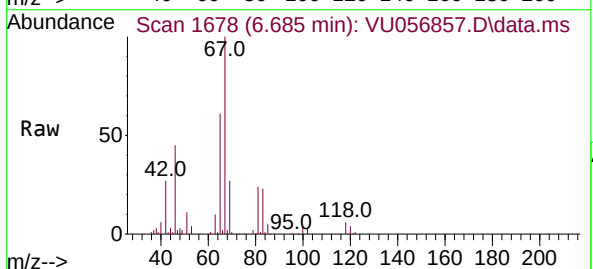
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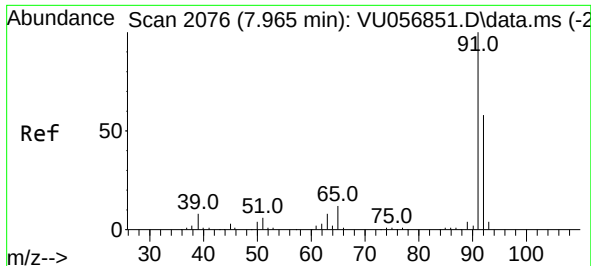
Tgt Ion: 63 Resp: 10060

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#42

Toluene

Concen: 0.875 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056857.D

Acq: 15 Dec 2023 00:13

Instrument :

MSVOA_U

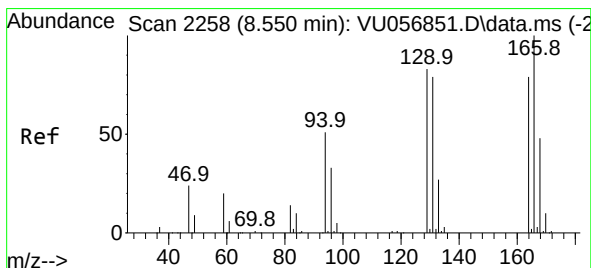
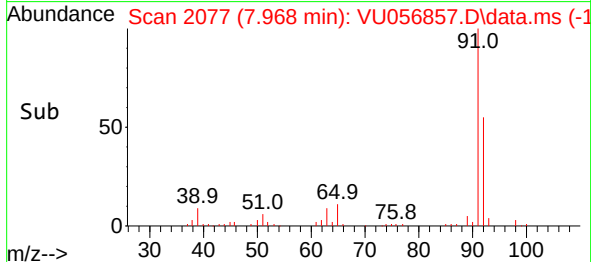
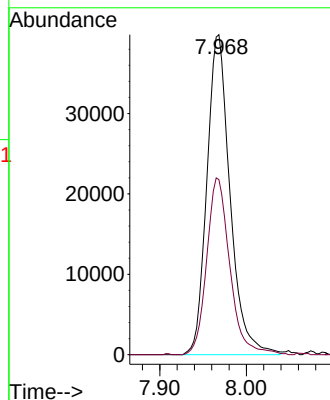
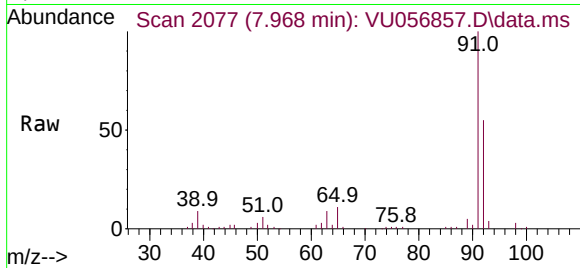
ClientSampleId :

Tgt Ion: 91 Resp: 73997

Ion Ratio Lower Upper

91 100

92 54.7 40.4 75.0



#47

Tetrachloroethene

Concen: 0.396 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056857.D

Acq: 15 Dec 2023 00:13

Tgt Ion: 164 Resp: 6212

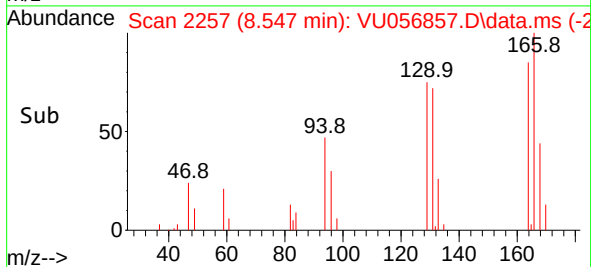
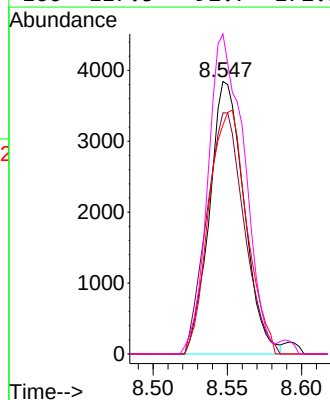
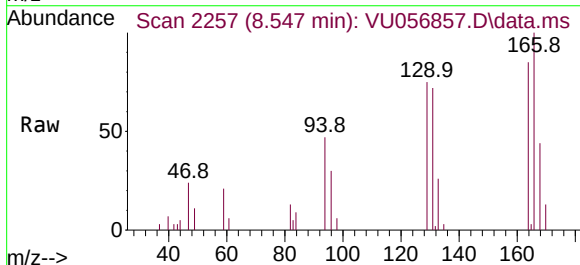
Ion Ratio Lower Upper

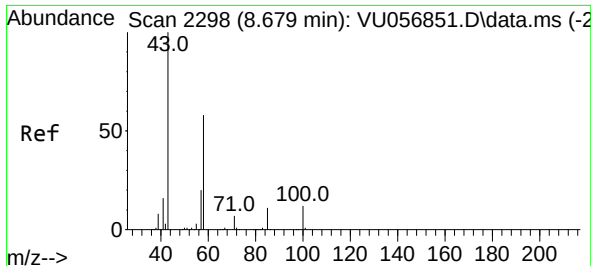
164 100

129 88.5 73.4 136.4

131 84.0 71.5 132.9

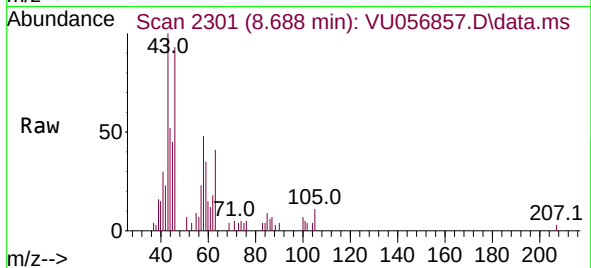
166 117.5 92.7 172.1



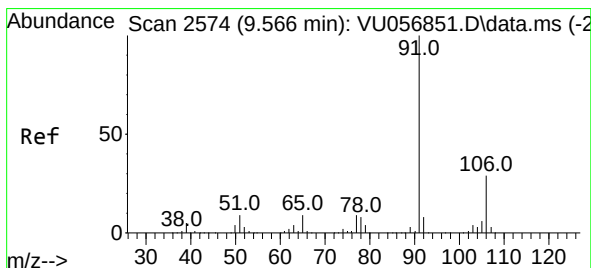
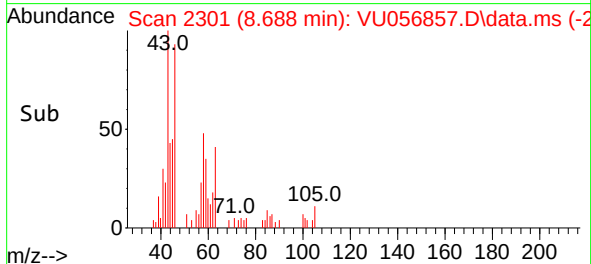
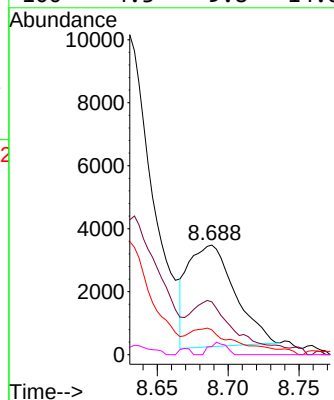


#48
2-Hexanone
Concen: 1.050 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Instrument :
MSVOA_U
ClientSampleId :

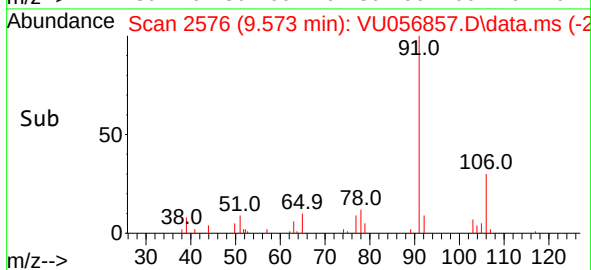
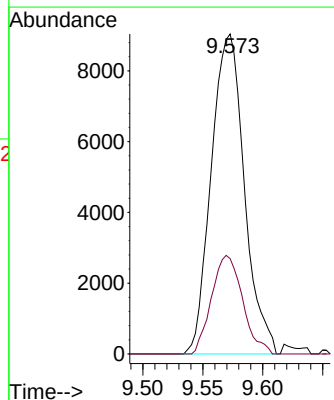
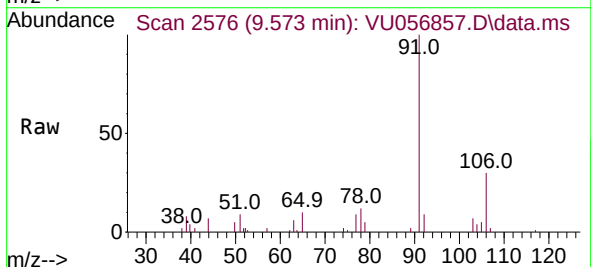


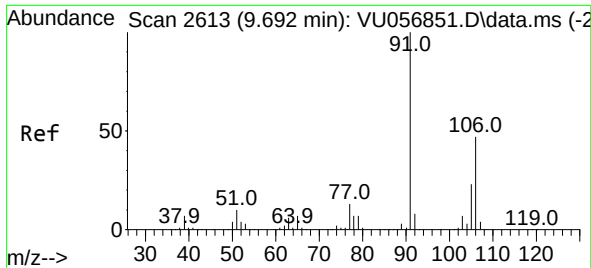
Tgt Ion: 43	Resp: 7420
Ion Ratio	Lower Upper
43 100	
58 41.3	47.5 71.3#
57 26.7	17.0 25.4#
100 4.3	9.8 14.8#



#52
Ethylbenzene
Concen: 0.186 ug/L
RT: 9.573 min Scan# 2576
Delta R.T. 0.006 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Tgt Ion: 91	Resp: 17344
Ion Ratio	Lower Upper
91 100	
106 29.8	20.6 38.4

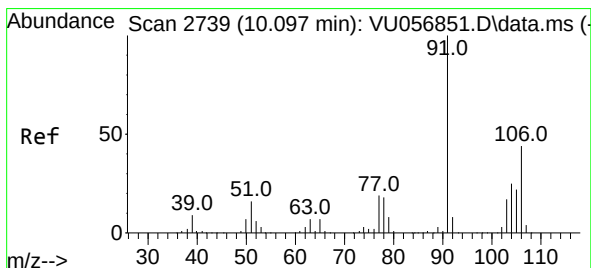
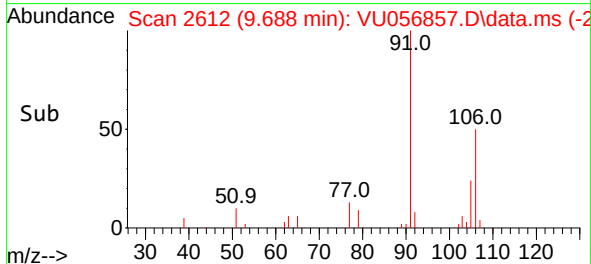
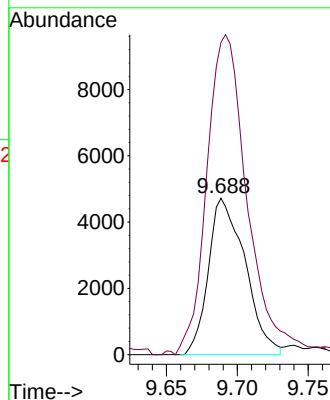
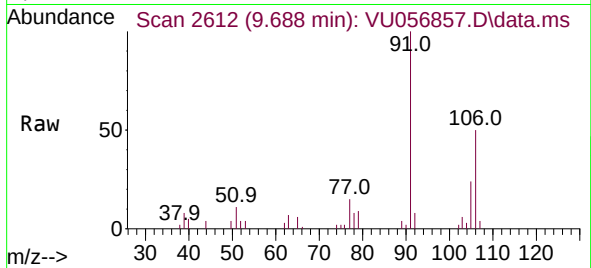




#53
m,p-Xylene
Concen: 0.245 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

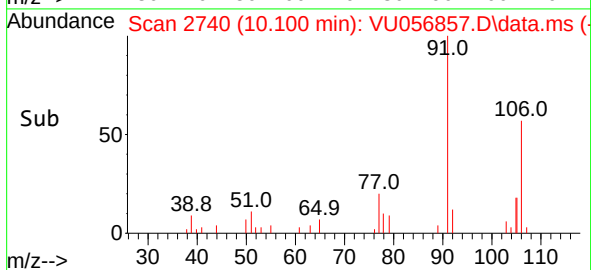
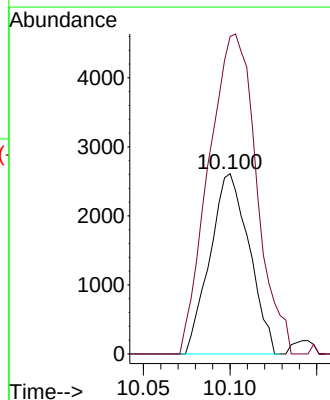
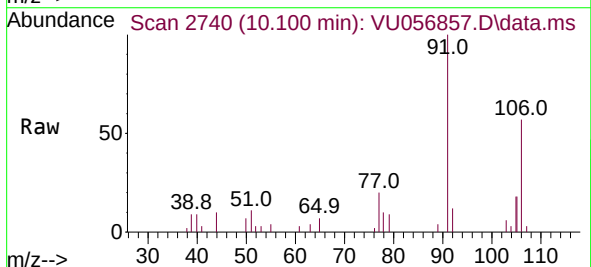
Instrument :
MSVOA_U
ClientSampleId :

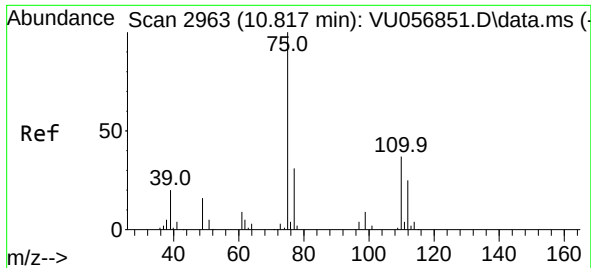
Tgt Ion:106 Resp: 8503
Ion Ratio Lower Upper
106 100
91 199.8 154.0 286.0



#54
o-Xylene
Concen: 0.124 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

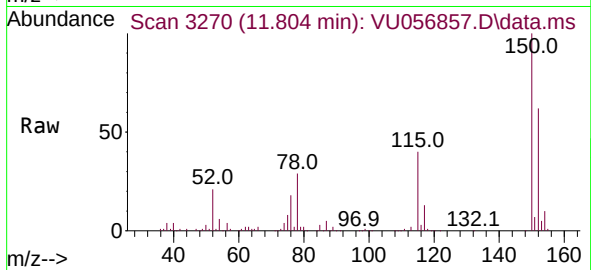
Tgt Ion:106 Resp: 4108
Ion Ratio Lower Upper
106 100
91 176.0 160.2 297.6





#61
 1,2,3-Trichloropropane
 Concen: 1.180 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056857.D
 Acq: 15 Dec 2023 00:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12269
 Ion Ratio Lower Upper
 75 100
 110 1.6 28.4 42.6#
 77 31.9 26.3 39.5

