

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056366.D
 Acq On : 15 Nov 2023 19:40
 Operator : MD/SY
 Sample : 05372-05RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

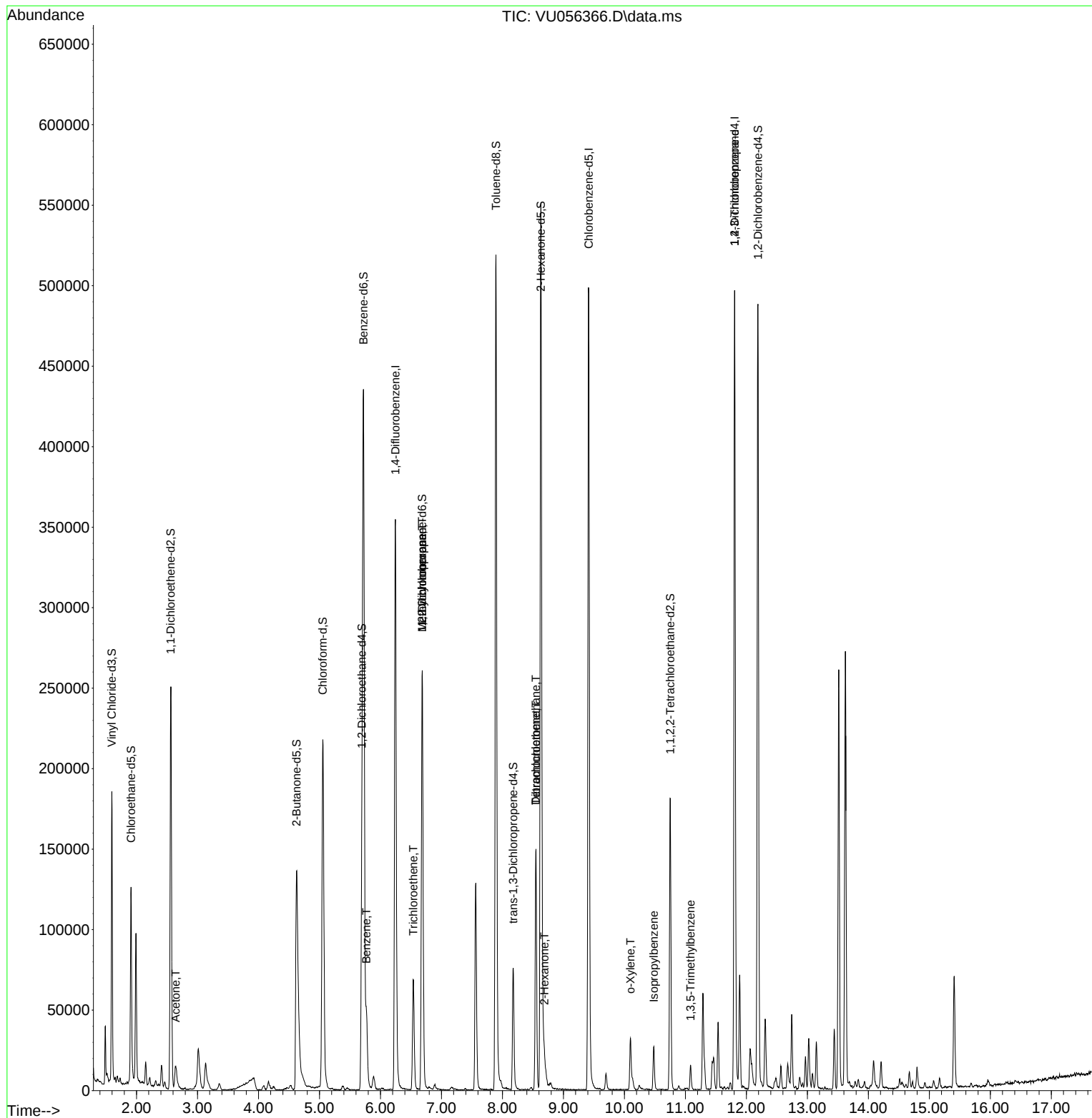
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	286657	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	284855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106816	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.910	69	85433	5.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.560	65	49024	5.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	4.624	46	243919	57.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.100%
24) Chloroform-d	5.055	84	208412	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	103159	5.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.721	84	418260	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.685	67	129433	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	355261	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.177	79	47332	4.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.630	63	195927	50.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92147	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	128126	5.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						Qvalue
13) Acetone	2.640	43	25712	7.061	ug/L	96
33) Benzene	5.769	78	43400	0.534	ug/L	100
34) Trichloroethene	6.541	95	24561	1.109	ug/L	96
35) Methylcyclohexane	6.682	83	30627	0.958	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	12997	0.613	ug/L #	88
47) Tetrachloroethene	8.550	164	30288	2.028	ug/L	95
48) 2-Hexanone	8.688	43	9061	1.107	ug/L #	88
49) Dibromochloromethane	8.550	129	32338	2.014	ug/L #	12
54) o-Xylene	10.100	106	8776	0.263	ug/L	92
60) Isopropylbenzene	10.482	105	18033	0.213	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	15605	1.383	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.087	105	8768	0.126	ug/L	99

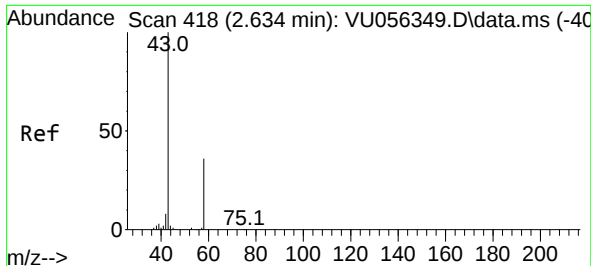
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.061 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056366.D

Acq: 15 Nov 2023 19:40

Instrument :

MSVOA_U

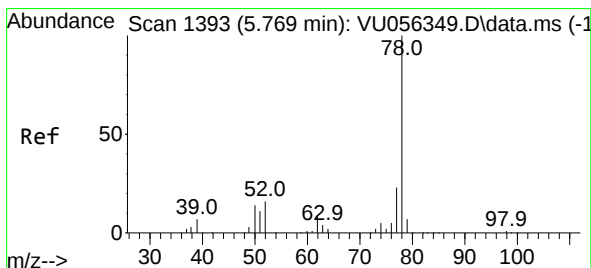
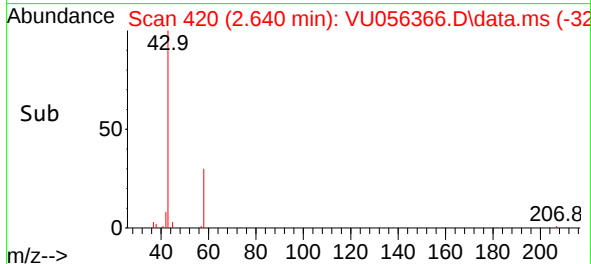
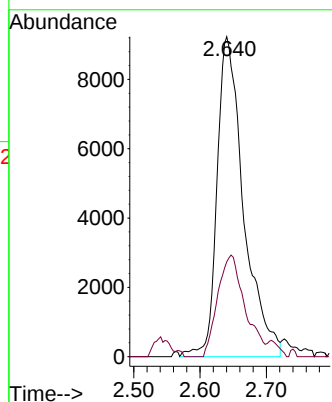
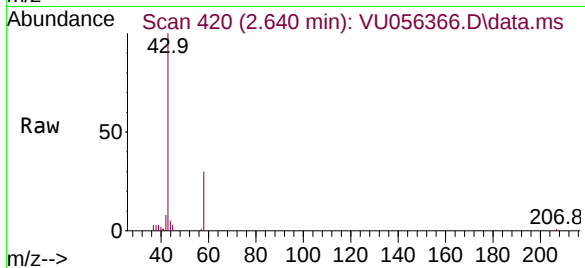
ClientSampleId :

Tgt Ion: 43 Resp: 25712

Ion Ratio Lower Upper

43 100

58 32.5 0.0 70.0



#33

Benzene

Concen: 0.534 ug/L

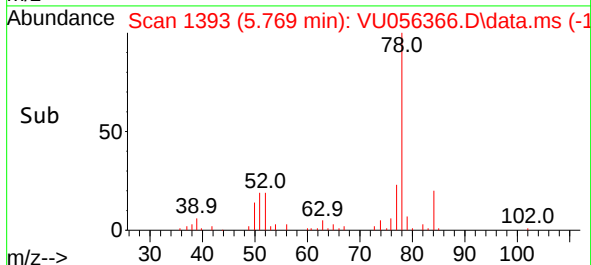
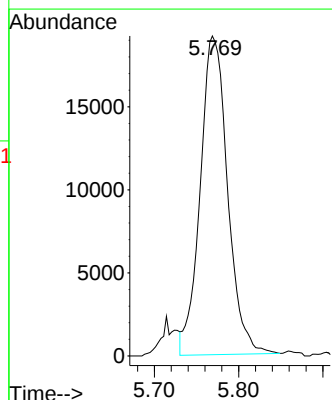
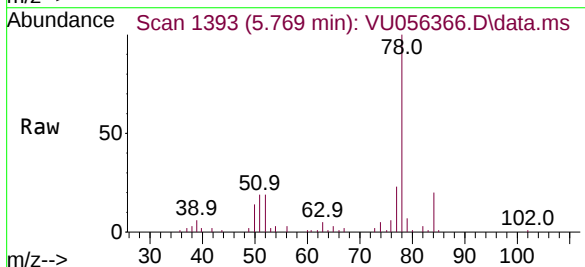
RT: 5.769 min Scan# 1393

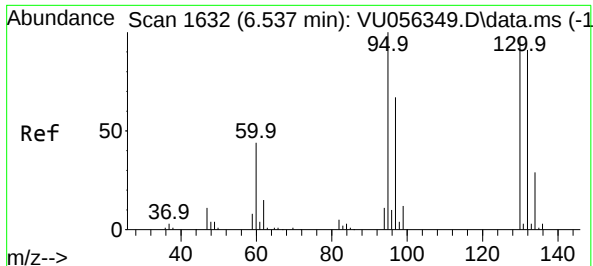
Delta R.T. -0.000 min

Lab File: VU056366.D

Acq: 15 Nov 2023 19:40

Tgt Ion: 78 Resp: 43400

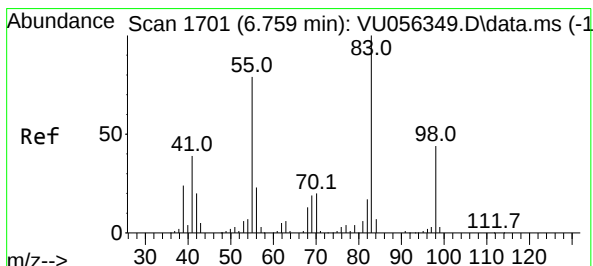
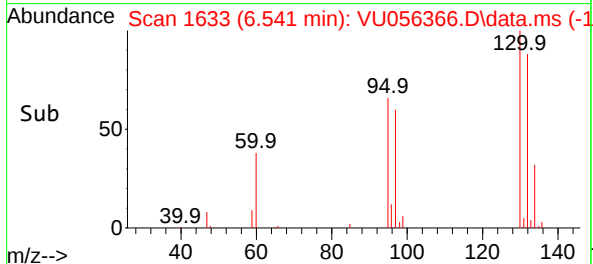
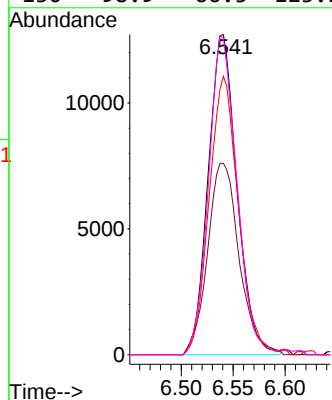
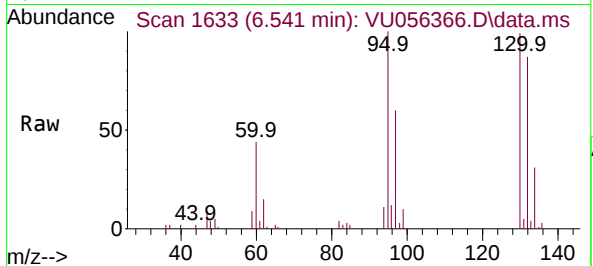




#34
Trichloroethene
Concen: 1.109 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

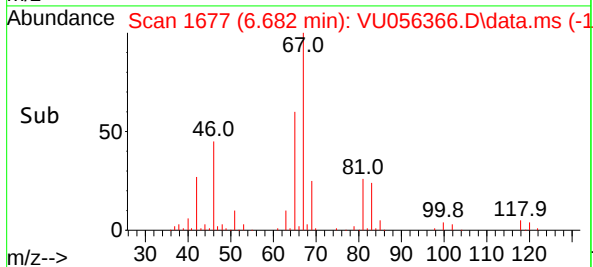
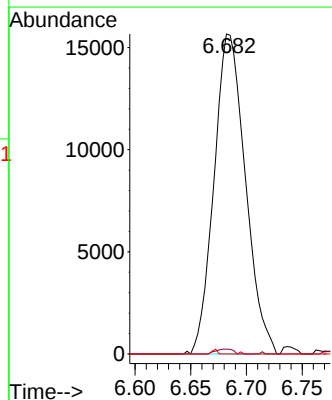
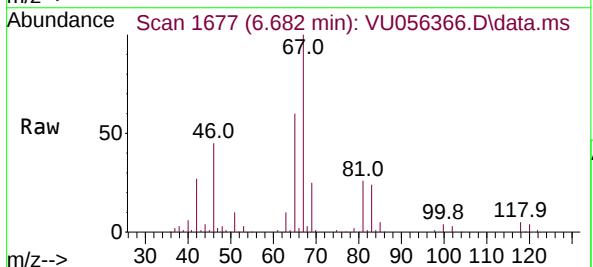
Instrument :
MSVOA_U
ClientSampleId :

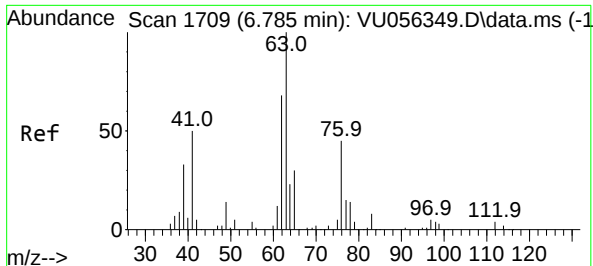
Tgt Ion: 95 Resp: 24561
Ion Ratio Lower Upper
95 100
97 59.8 46.5 86.3
132 87.0 62.0 115.2
130 98.9 66.3 123.1



#35
Methylcyclohexane
Concen: 0.958 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

Tgt Ion: 83 Resp: 30627
Ion Ratio Lower Upper
83 100
55 0.8 62.9 94.3#
98 0.2 35.3 52.9#

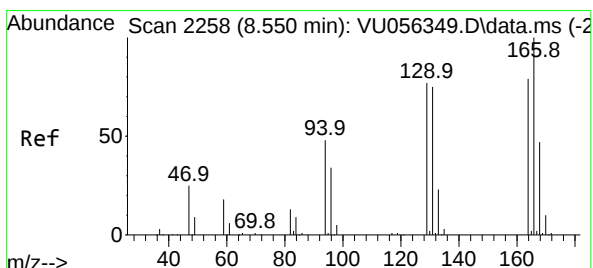
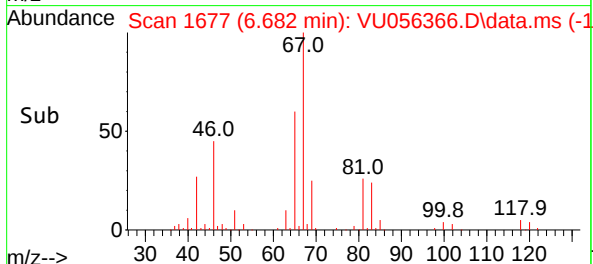
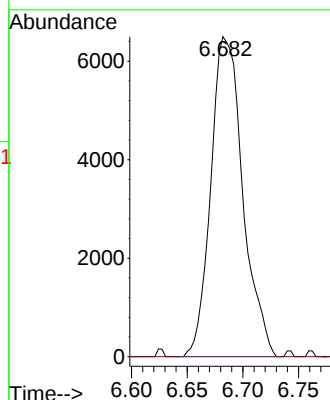
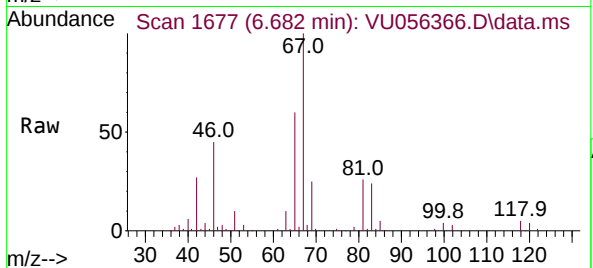




#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

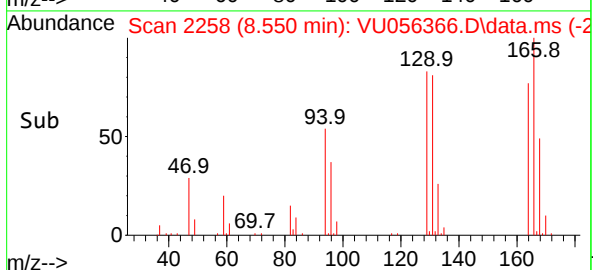
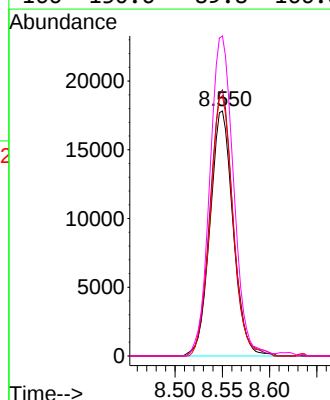
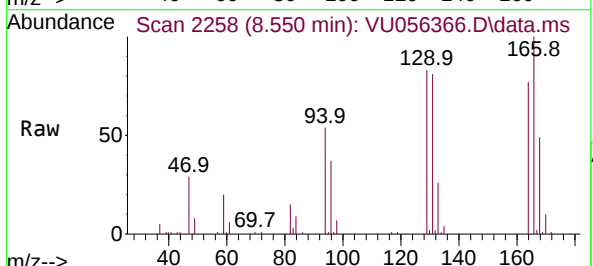
Instrument :
MSVOA_U
ClientSampleId :

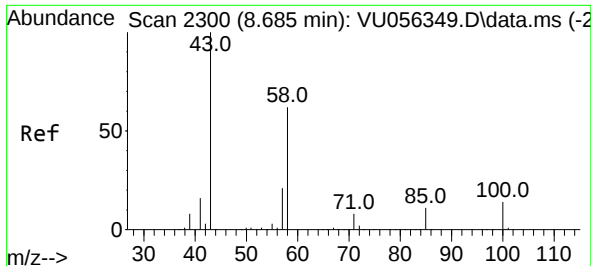
Tgt Ion: 63 Resp: 12997
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 2.028 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

Tgt Ion: 164 Resp: 30288
Ion Ratio Lower Upper
164 100
129 108.5 71.0 131.9
131 106.2 70.3 130.7
166 130.6 89.8 166.8

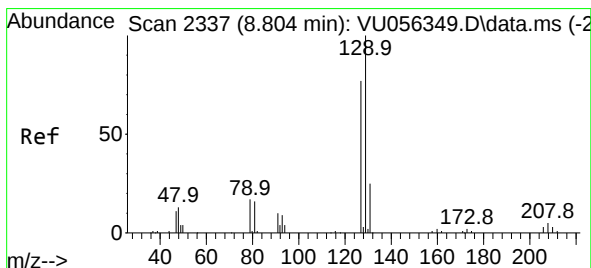
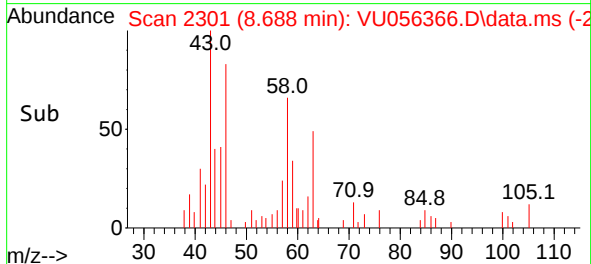
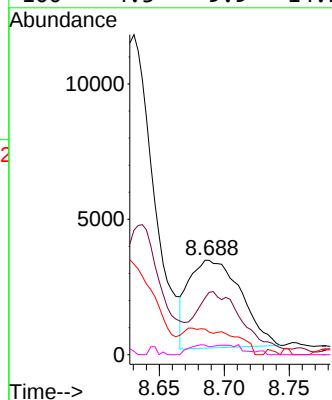
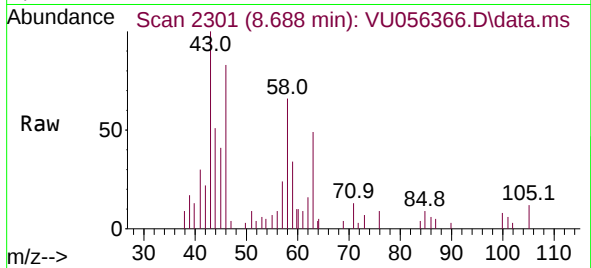




#48
2-Hexanone
Concen: 1.107 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

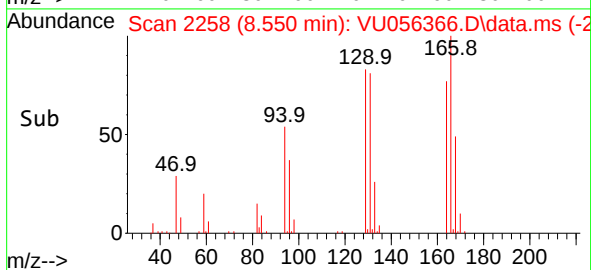
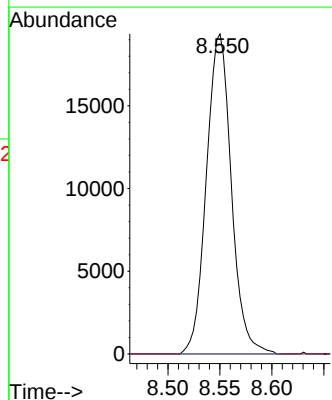
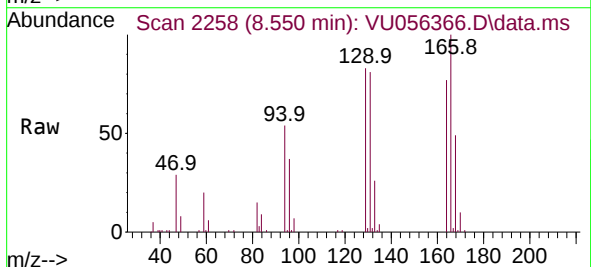
Instrument :
MSVOA_U
ClientSampleId :

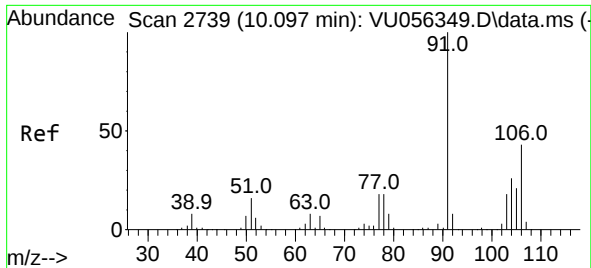
Tgt Ion: 43 Resp: 9061
Ion Ratio Lower Upper
43 100
58 58.5 48.7 73.1
57 5.5 16.8 25.2#
100 4.3 9.9 14.9#



#49
Dibromochloromethane
Concen: 2.014 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

Tgt Ion: 129 Resp: 32338
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#

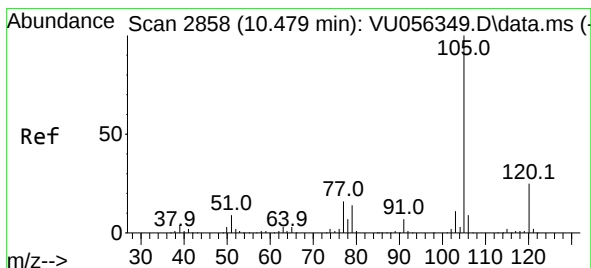
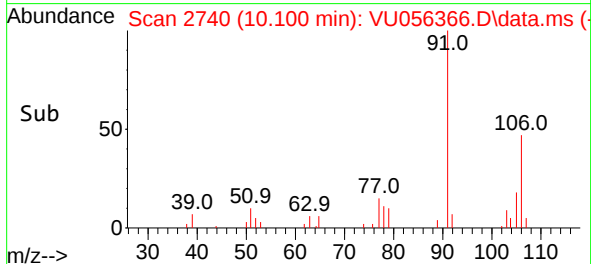
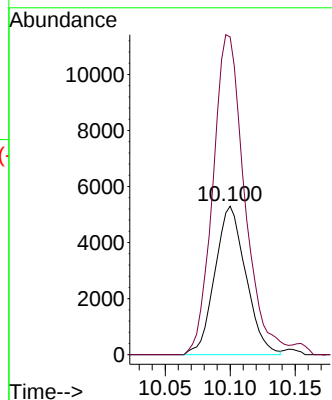
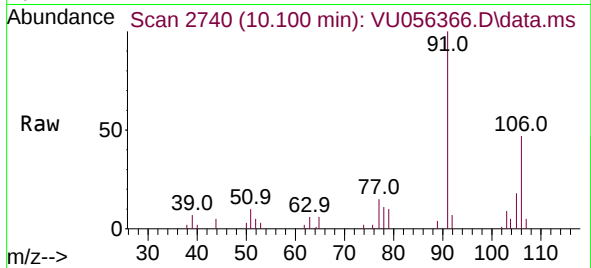




#54
o-Xylene
Concen: 0.263 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

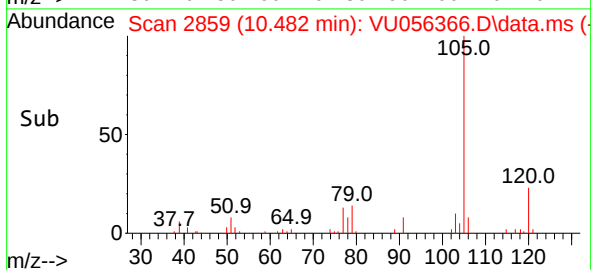
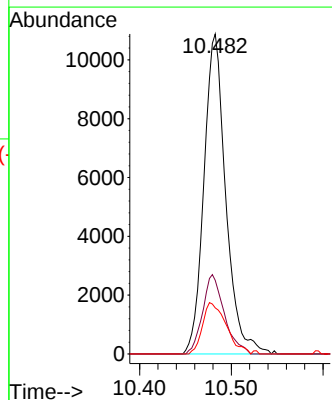
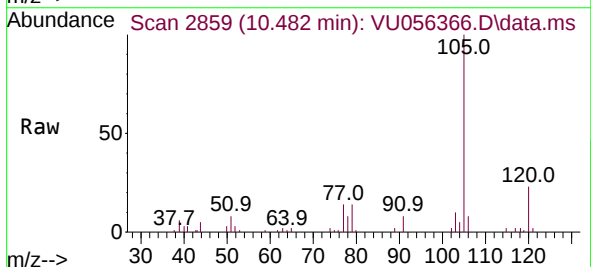
Instrument :
MSVOA_U
ClientSampleId :

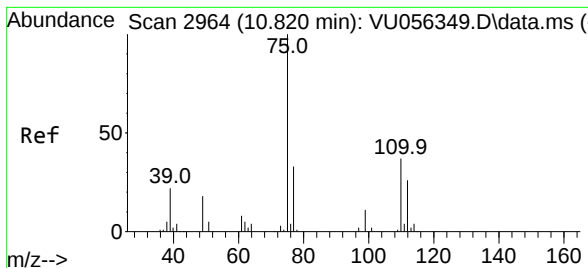
Tgt Ion:106 Resp: 8776
Ion Ratio Lower Upper
106 100
91 214.0 159.3 295.9



#60
Isopropylbenzene
Concen: 0.213 ug/L
RT: 10.482 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU056366.D
Acq: 15 Nov 2023 19:40

Tgt Ion:105 Resp: 18033
Ion Ratio Lower Upper
105 100
120 24.6 20.4 30.6
77 17.4 13.3 19.9





#61

1,2,3-Trichloropropane

Concen: 1.383 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU056366.D

Acq: 15 Nov 2023 19:40

Instrument :

MSVOA_U

ClientSampleId :

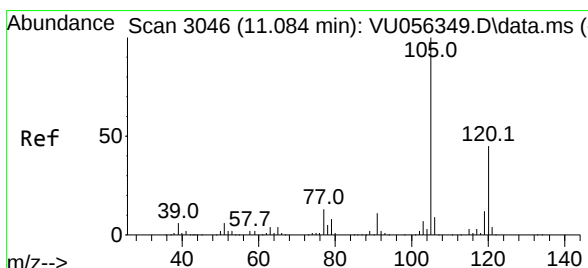
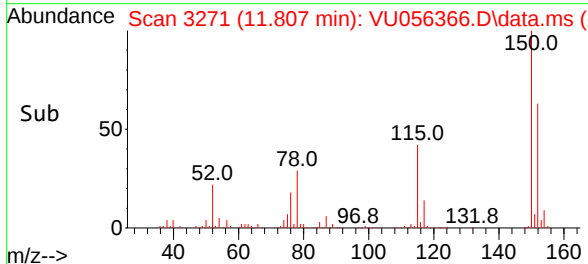
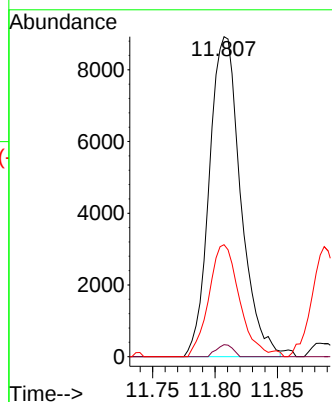
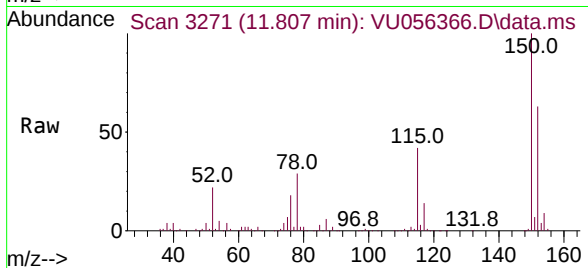
Tgt Ion: 75 Resp: 15605

Ion Ratio Lower Upper

75 100

110 2.0 30.4 45.6#

77 33.9 27.0 40.6



#62

1,3,5-Trimethylbenzene

Concen: 0.126 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.003 min

Lab File: VU056366.D

Acq: 15 Nov 2023 19:40

Tgt Ion: 105 Resp: 8768

Ion Ratio Lower Upper

105 100

120 46.0 37.2 55.8

