

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056858.D
 Acq On : 15 Dec 2023 00:38
 Operator : MD/SY
 Sample : 05731-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 05:10:43 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)

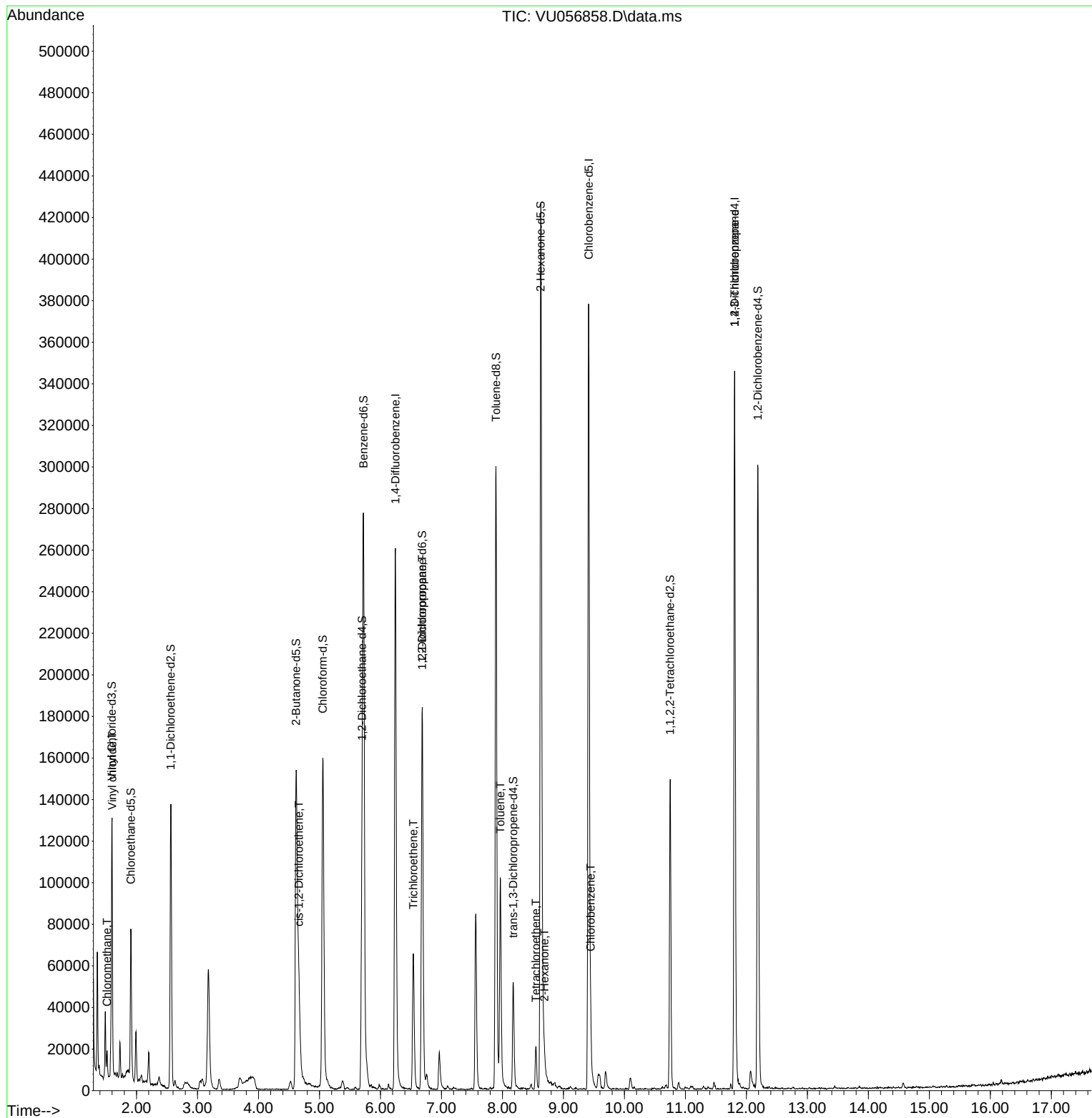
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	226125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56554	3.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.907	69	54640	3.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.560	65	26452	3.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.618	46	202330	55.559	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.120%
24) Chloroform-d	5.055	84	151506	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	76693	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	264465	3.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.685	67	93035	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.894	98	210203	3.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	32766	3.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.627	63	144603	45.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	75586	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	79699	4.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	7518	0.339	ug/L	98
5) Vinyl chloride	1.602	62	8206	0.373	ug/L #	60
22) cis-1,2-Dichloroethene	4.663	96	14703	0.763	ug/L	96
34) Trichloroethene	6.541	95	24254	1.113	ug/L	96
37) 1,2-Dichloropropane	6.682	63	9512	0.468	ug/L #	88
42) Toluene	7.965	91	75451	0.918	ug/L	98
47) Tetrachloroethene	8.547	164	4650	0.305	ug/L	91
48) 2-Hexanone	8.688	43	6748	0.982	ug/L #	80
51) Chlorobenzene	9.447	112	14317	0.273	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	12297	1.254	ug/L #	67

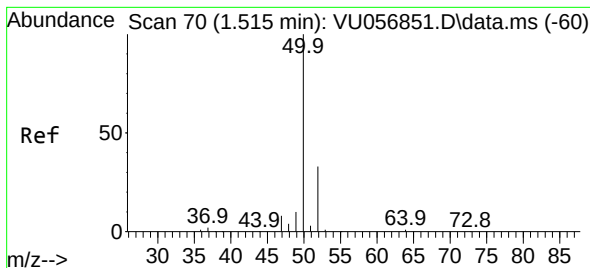
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
Data File : VU056858.D
Acq On : 15 Dec 2023 00:38
Operator : MD/SY
Sample : 05731-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 05:10:43 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: 0.339 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056858.D

Acq: 15 Dec 2023 00:38

Instrument :

MSVOA_U

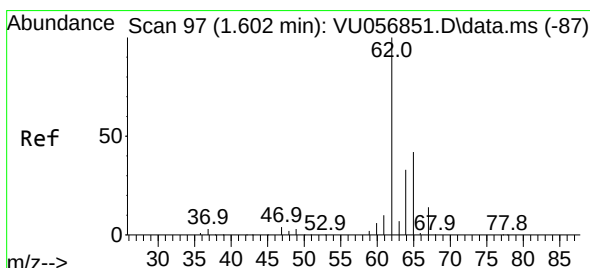
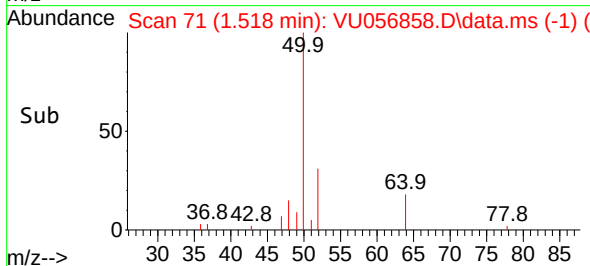
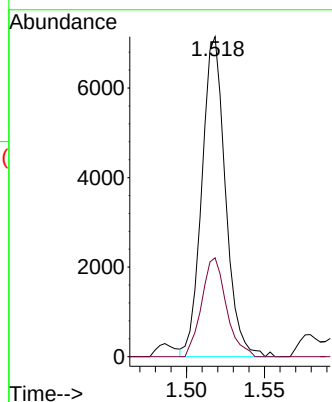
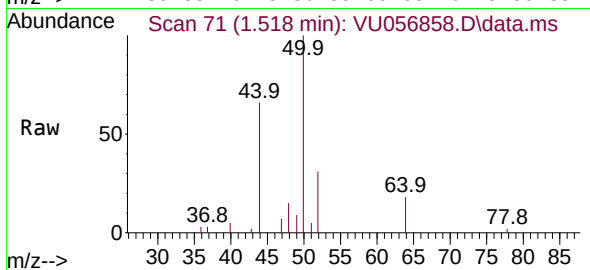
ClientSampleId :

Tgt Ion: 50 Resp: 7518

Ion Ratio Lower Upper

50 100

52 30.9 22.5 41.7



#5

Vinyl chloride

Concen: 0.373 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU056858.D

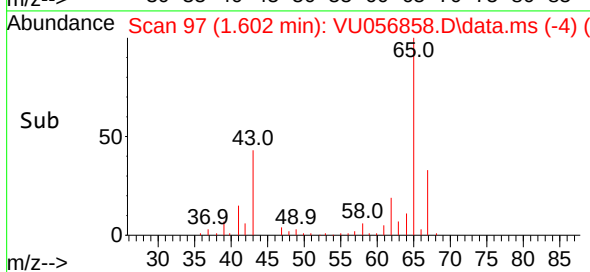
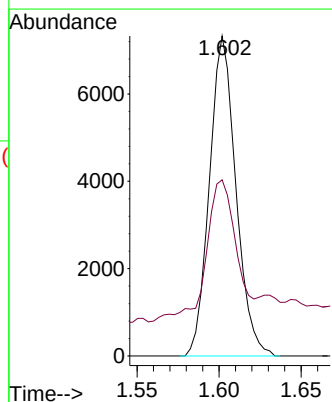
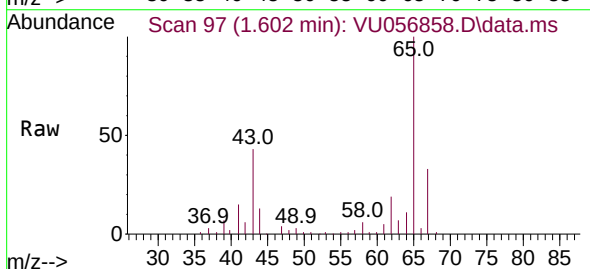
Acq: 15 Dec 2023 00:38

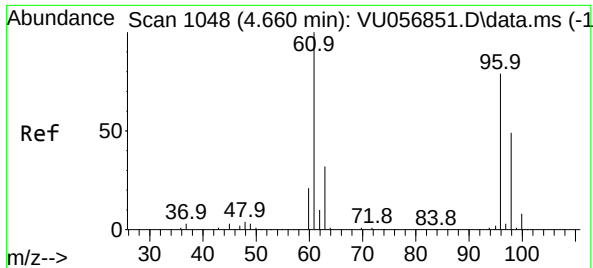
Tgt Ion: 62 Resp: 8206

Ion Ratio Lower Upper

62 100

64 55.1 22.8 42.4#

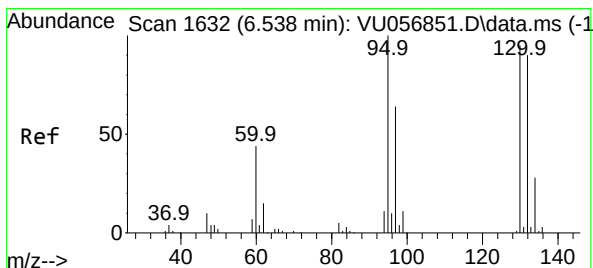
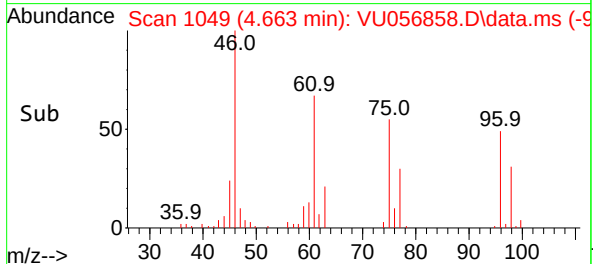
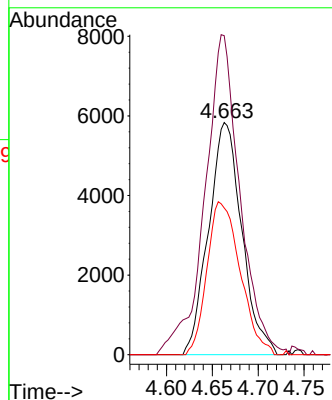
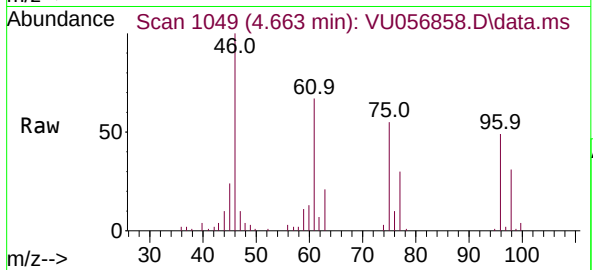




#22
 cis-1,2-Dichloroethene
 Concen: 0.763 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056858.D
 Acq: 15 Dec 2023 00:38

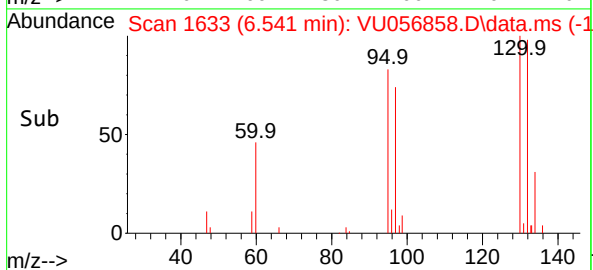
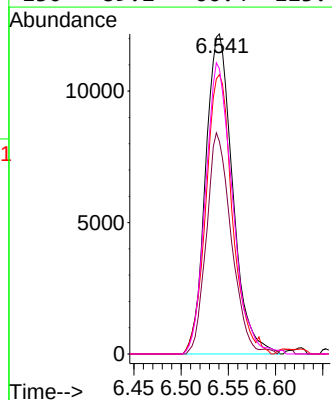
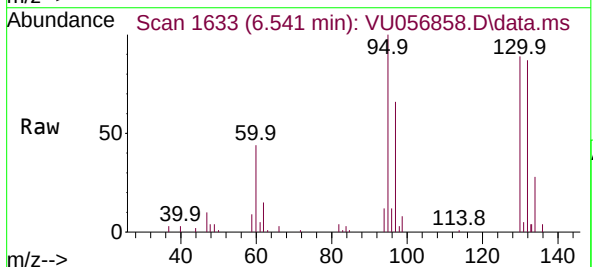
Instrument :
 MSVOA_U
 ClientSampleId :

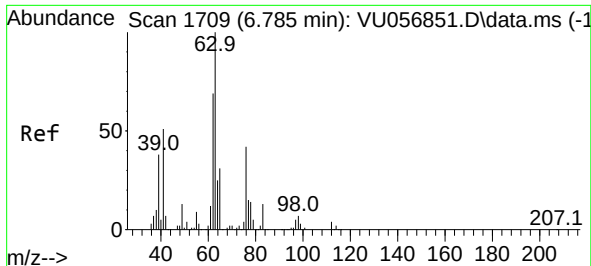
Tgt Ion: 96 Resp: 14703
 Ion Ratio Lower Upper
 96 100
 61 137.4 91.3 169.6
 98 63.2 44.2 82.0



#34
 Trichloroethene
 Concen: 1.113 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU056858.D
 Acq: 15 Dec 2023 00:38

Tgt Ion: 95 Resp: 24254
 Ion Ratio Lower Upper
 95 100
 97 66.4 46.1 85.5
 132 87.3 63.6 118.0
 130 89.2 66.4 123.4

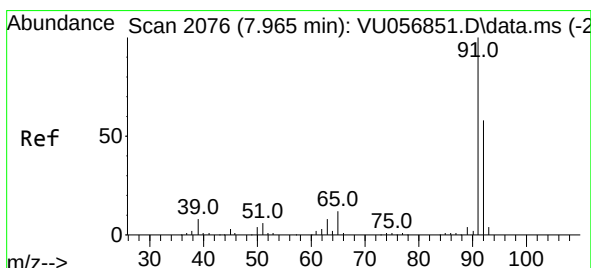
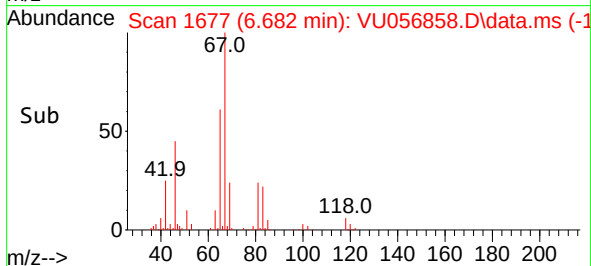
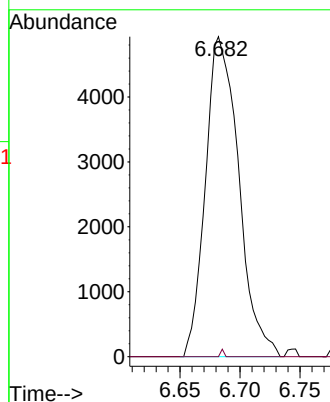
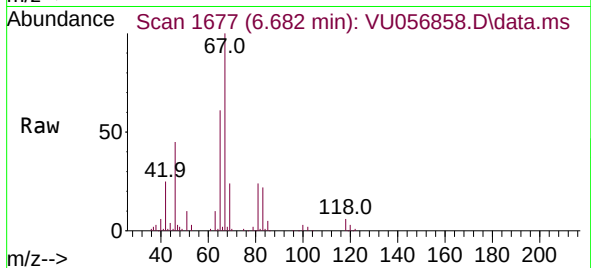




#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056858.D
Acq: 15 Dec 2023 00:38

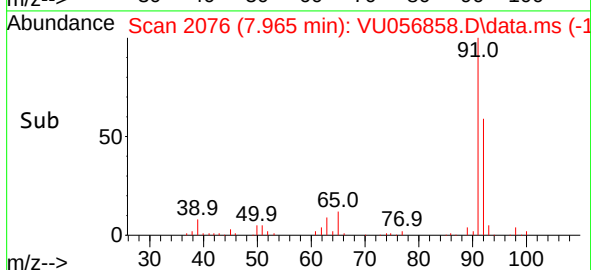
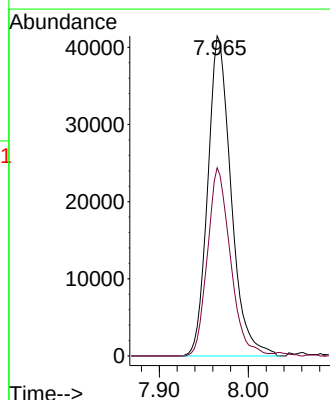
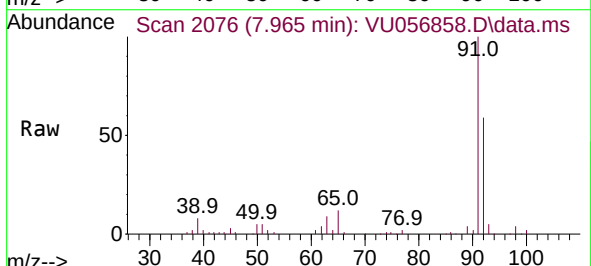
Instrument :
MSVOA_U
ClientSampleId :

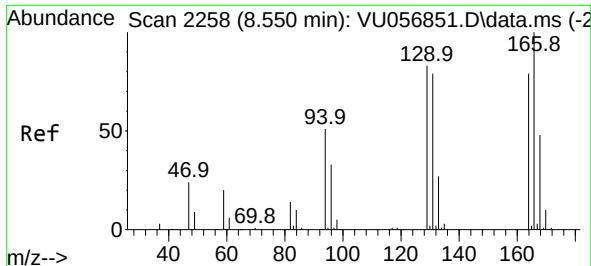
Tgt Ion: 63 Resp: 9512
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#42
Toluene
Concen: 0.918 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056858.D
Acq: 15 Dec 2023 00:38

Tgt Ion: 91 Resp: 75451
Ion Ratio Lower Upper
91 100
92 58.8 40.4 75.0





#47

Tetrachloroethene

Concen: 0.305 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056858.D

Acq: 15 Dec 2023 00:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 4650

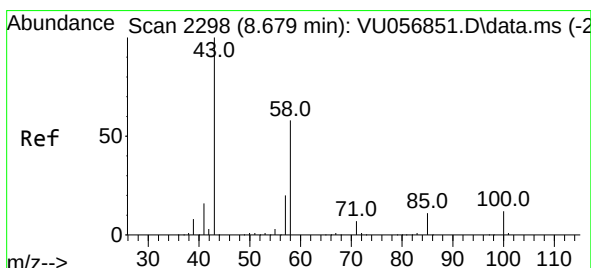
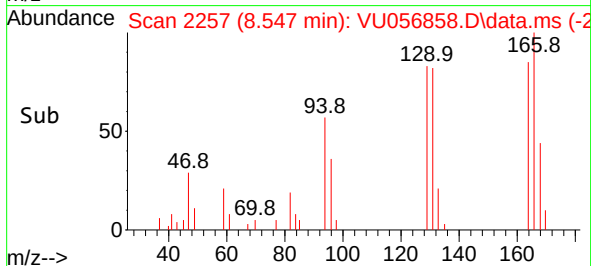
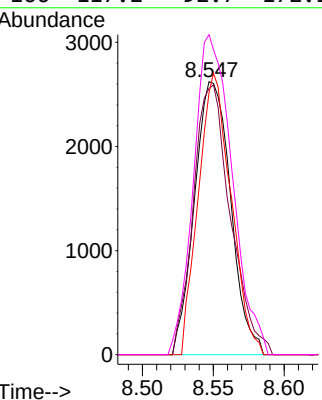
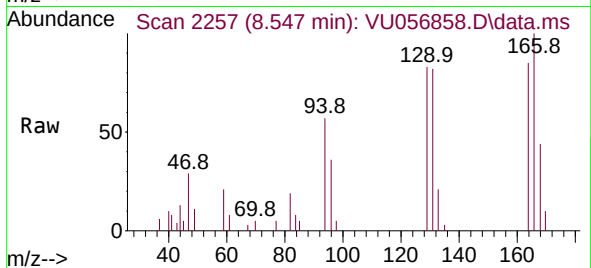
Ion Ratio Lower Upper

164 100

129 97.6 73.4 136.4

131 95.9 71.5 132.9

166 117.2 92.7 172.1



#48

2-Hexanone

Concen: 0.982 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.009 min

Lab File: VU056858.D

Acq: 15 Dec 2023 00:38

Tgt Ion: 43 Resp: 6748

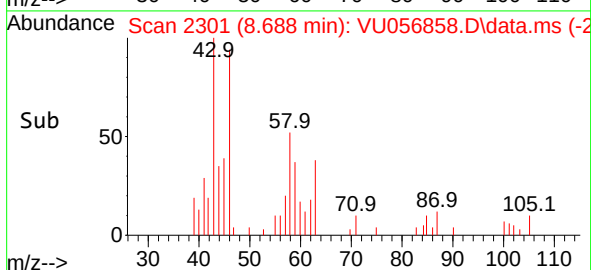
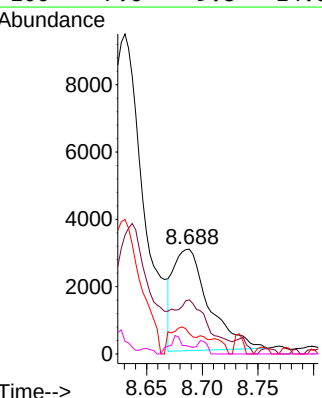
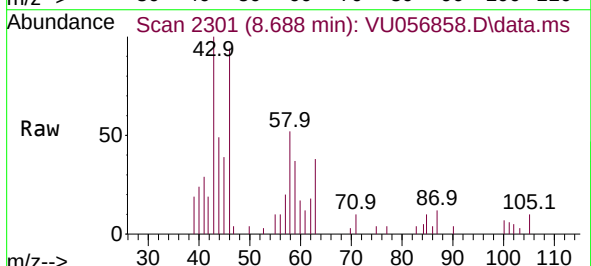
Ion Ratio Lower Upper

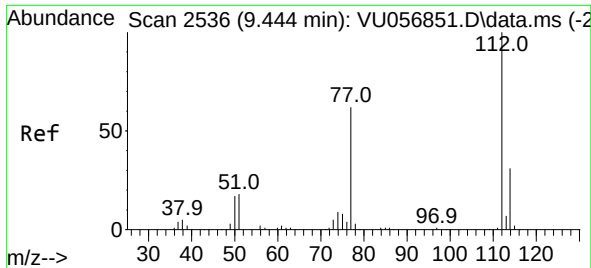
43 100

58 40.5 47.5 71.3#

57 16.8 17.0 25.4#

100 7.6 9.8 14.8#

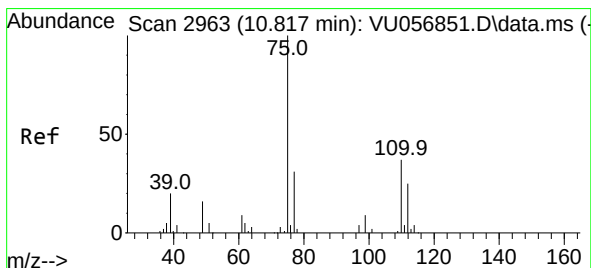
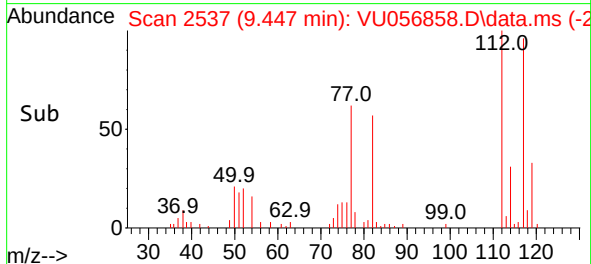
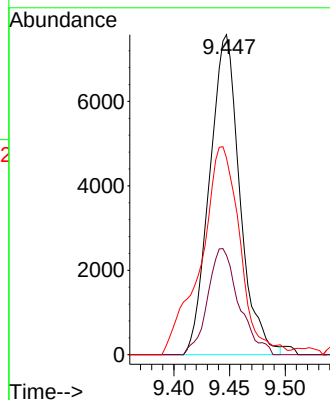
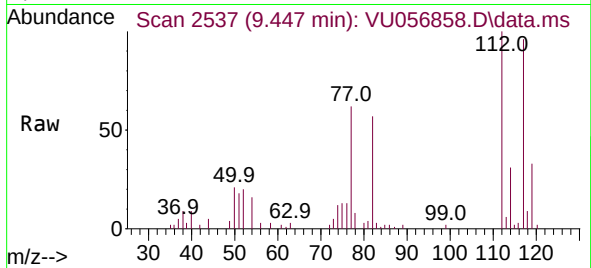




#51
Chlorobenzene
Concen: 0.273 ug/L
RT: 9.447 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056858.D
Acq: 15 Dec 2023 00:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 14317
Ion Ratio Lower Upper
112 100
114 31.1 21.9 40.7
77 61.5 51.6 77.4



#61
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056858.D
Acq: 15 Dec 2023 00:38

Tgt Ion: 75 Resp: 12297
Ion Ratio Lower Upper
75 100
110 2.3 28.4 42.6#
77 28.7 26.3 39.5

