

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052387.D
 Acq On : 13 Dec 2022 19:05
 Operator : JC/MD
 Sample : N6030-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL33

Quant Time: Dec 14 03:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

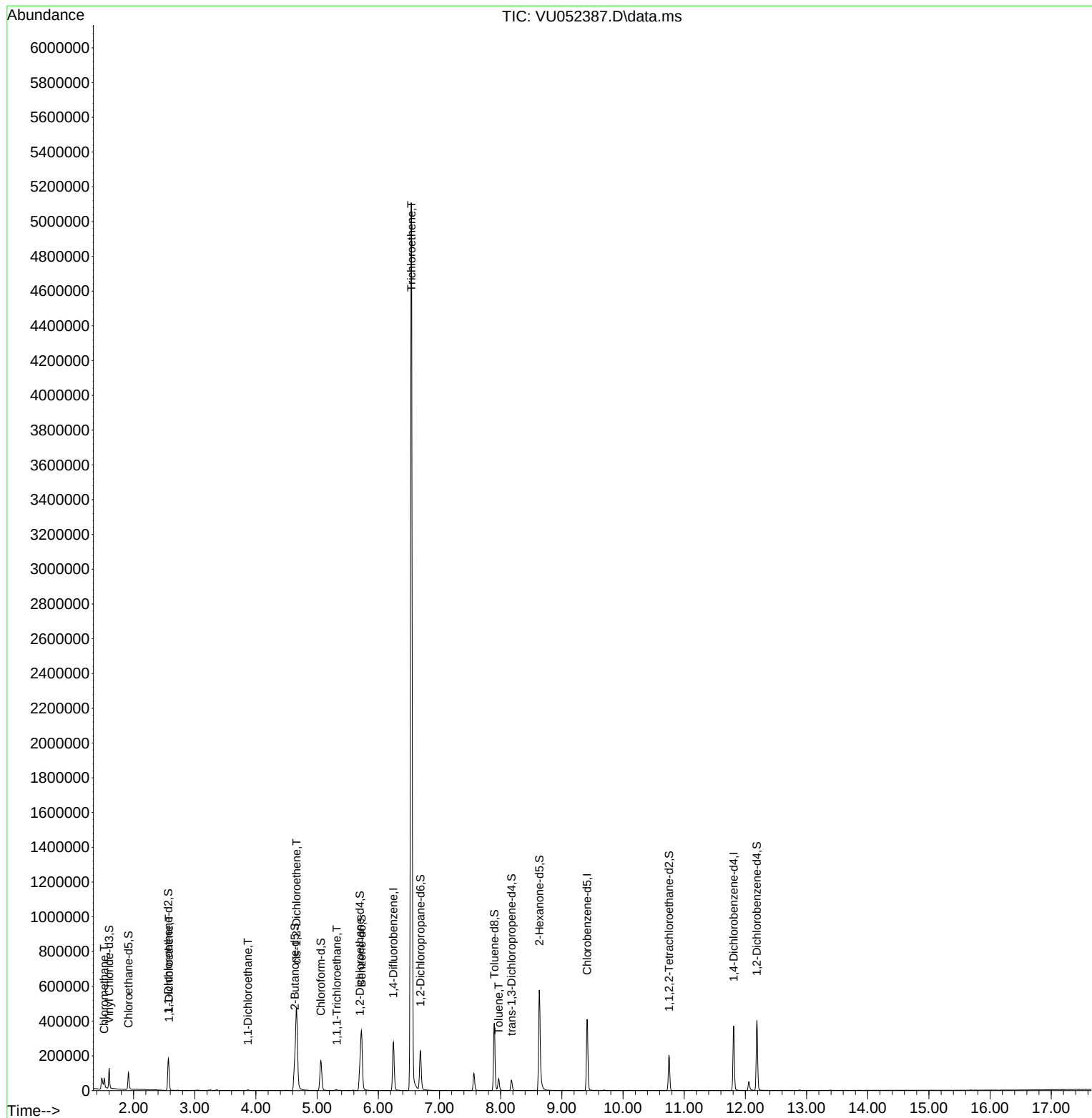
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235318	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105220	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80540	3.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.916	69	76197	4.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.568	65	34011	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.636	46	268674	64.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.520%
24) Chloroform-d	5.060	84	166936	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.700	65	90207	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.726	84	339118	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.687	67	116003	5.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.896	98	272795	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.176	79	36059	4.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.633	63	202447	59.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105455	5.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	112464	5.583	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	35788	1.344	ug/L	99
12) 1,1-Dichloroethene	2.578	96	5341	0.313	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	5091	0.154	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	224820	11.707	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	3690	0.139	ug/L #	89
34) Trichloroethene	6.539	95	1814394	93.131	ug/L	99
42) Toluene	7.967	91	51733	0.644	ug/L	99

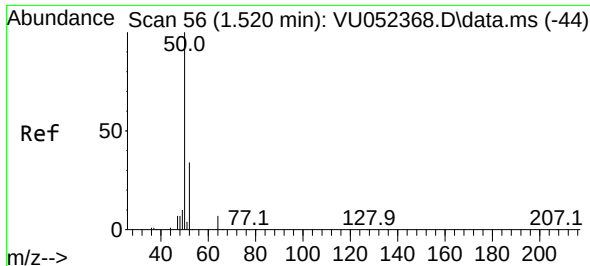
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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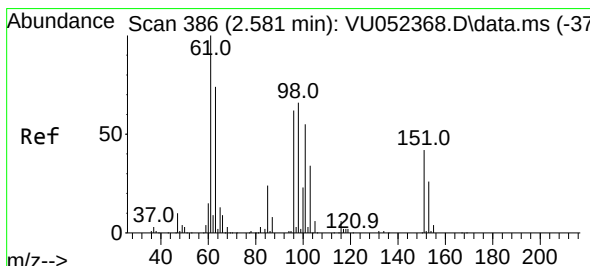
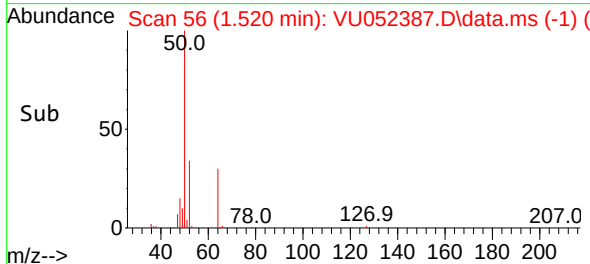
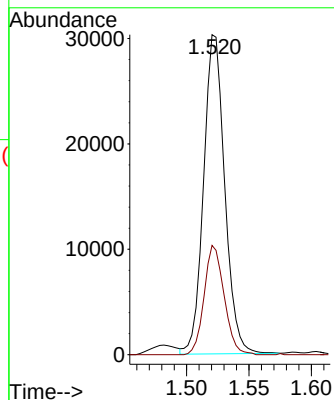
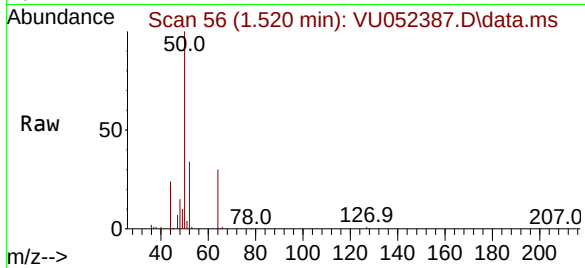




#3
Chloromethane
Concen: 1.344 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052387.D
Acq: 13 Dec 2022 19:05

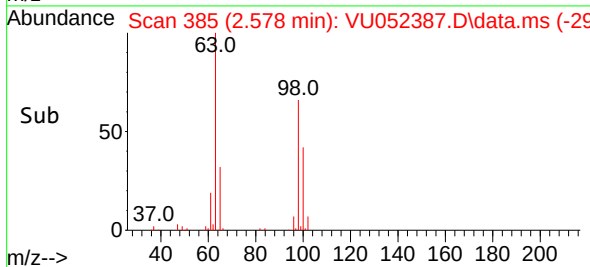
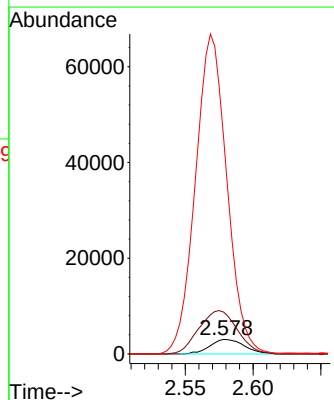
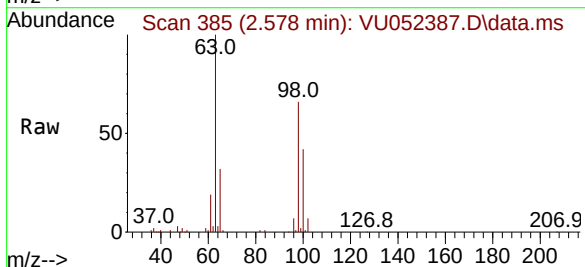
Instrument :
MSVOA_U
ClientSampleId :
COL33

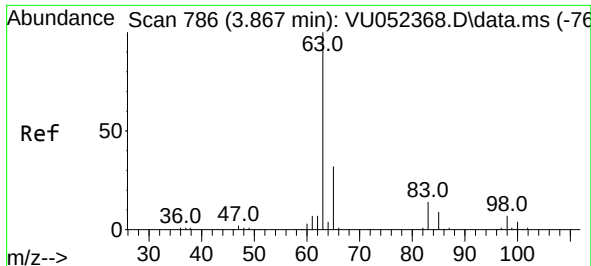
Tgt Ion: 50 Resp: 35788
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.313 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052387.D
Acq: 13 Dec 2022 19:05

Tgt Ion: 96 Resp: 5341
Ion Ratio Lower Upper
96 100
61 289.0 114.8 213.2#
63 1496.4 93.7 174.1#





#19

1,1-Dichloroethane

Concen: 0.154 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU052387.D

Acq: 13 Dec 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

COL33

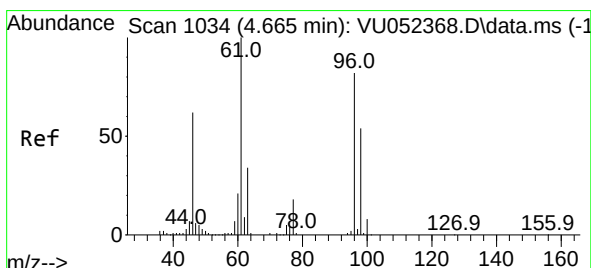
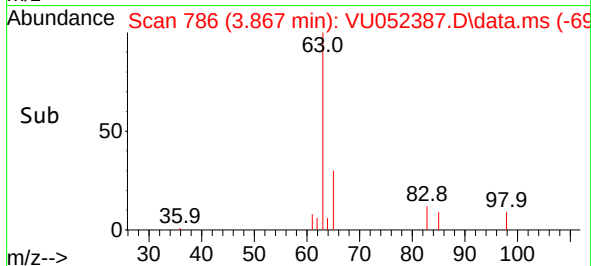
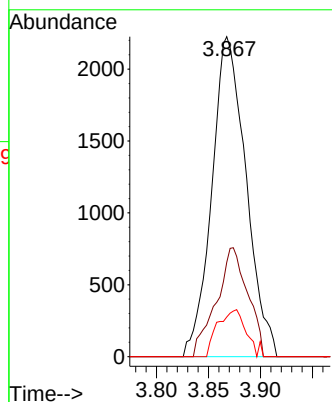
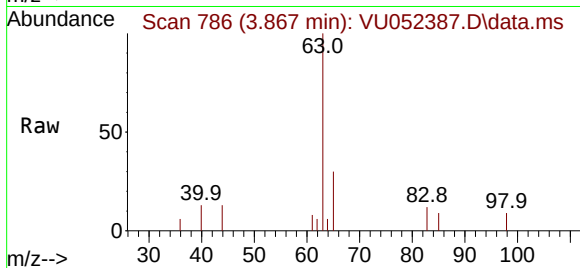
Tgt Ion: 63 Resp: 5091

Ion Ratio Lower Upper

63 100

65 29.5 22.2 41.2

83 12.4 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 11.707 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052387.D

Acq: 13 Dec 2022 19:05

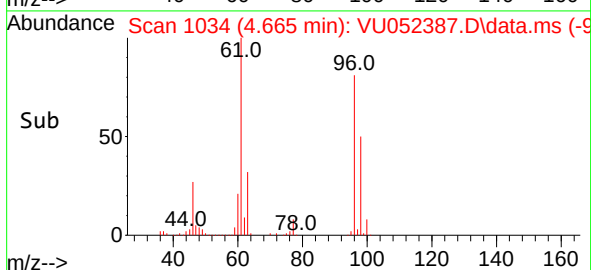
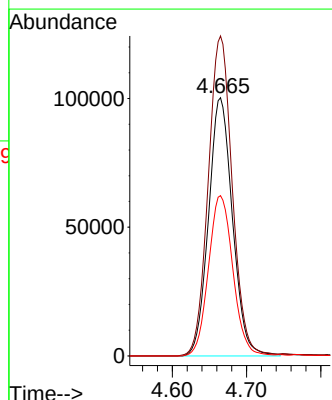
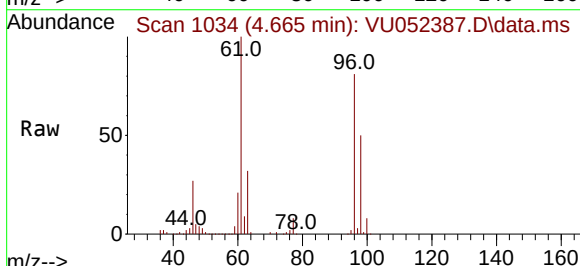
Tgt Ion: 96 Resp: 224820

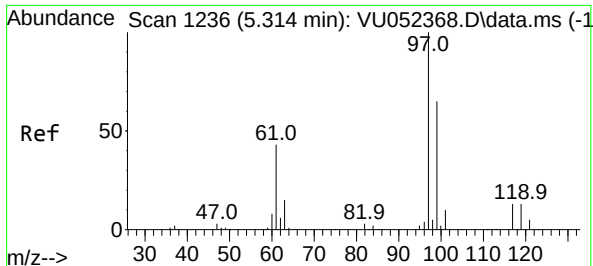
Ion Ratio Lower Upper

96 100

61 123.9 85.1 158.1

98 62.1 42.8 79.6





#29

1,1,1-Trichloroethane

Concen: 0.139 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU052387.D

Acq: 13 Dec 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

C0L33

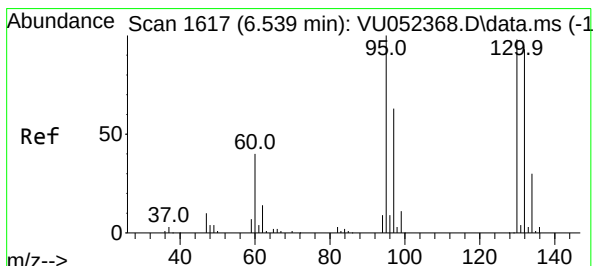
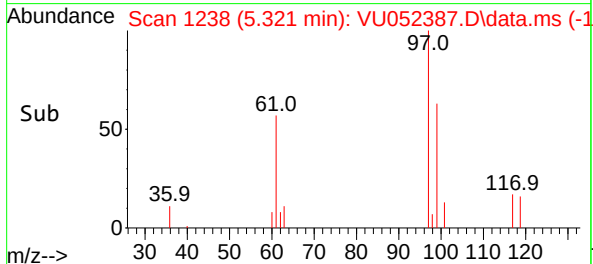
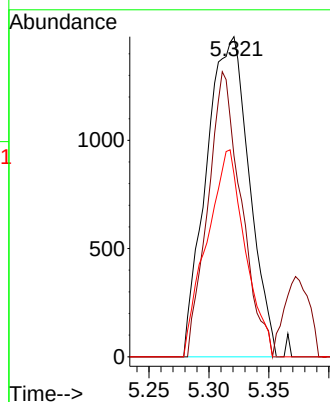
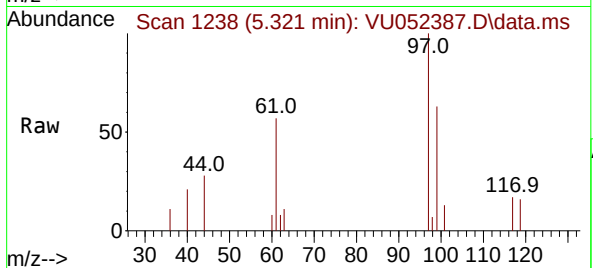
Tgt Ion: 97 Resp: 3690

Ion Ratio Lower Upper

97 100

99 68.9 51.0 76.6

61 57.6 36.9 55.3#



#34

Trichloroethene

Concen: 93.131 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052387.D

Acq: 13 Dec 2022 19:05

Tgt Ion: 95 Resp: 1814394

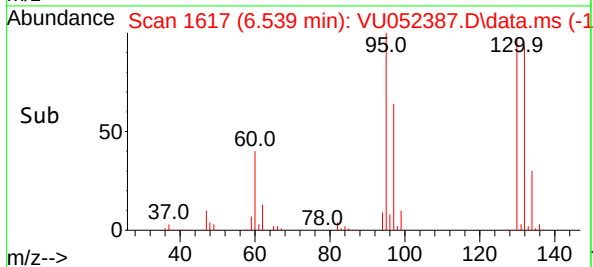
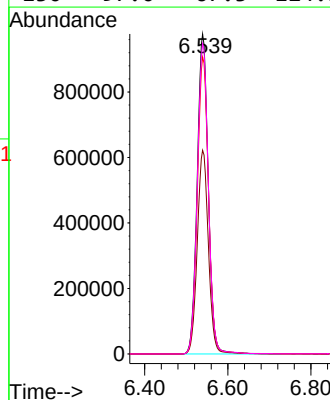
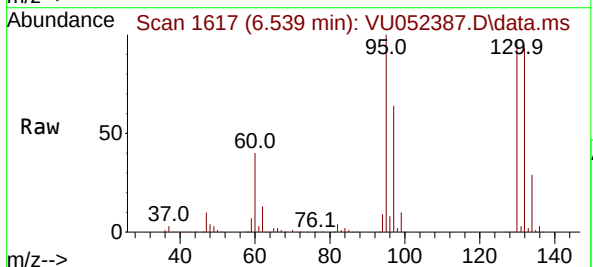
Ion Ratio Lower Upper

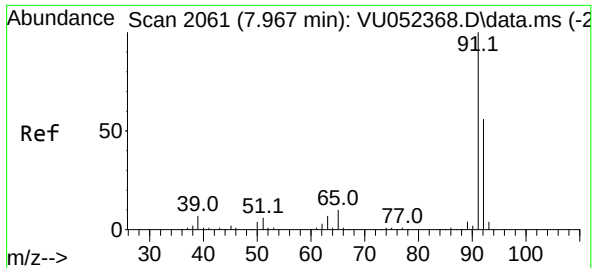
95 100

97 63.7 43.7 81.1

132 92.8 64.3 119.3

130 97.0 67.3 124.9





#42
 Toluene
 Concen: 0.644 ug/L
 RT: 7.967 min Scan# 2061
 Delta R.T. 0.000 min
 Lab File: VU052387.D
 Acq: 13 Dec 2022 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 COL33

Tgt Ion: 91 Resp: 51733
 Ion Ratio Lower Upper
 91 100
 92 59.2 40.7 75.5

