

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056265.D
 Acq On : 13 Nov 2023 20:54
 Operator : MD/SY
 Sample : 05340-15RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDMORE

Quant Time: Nov 14 21:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

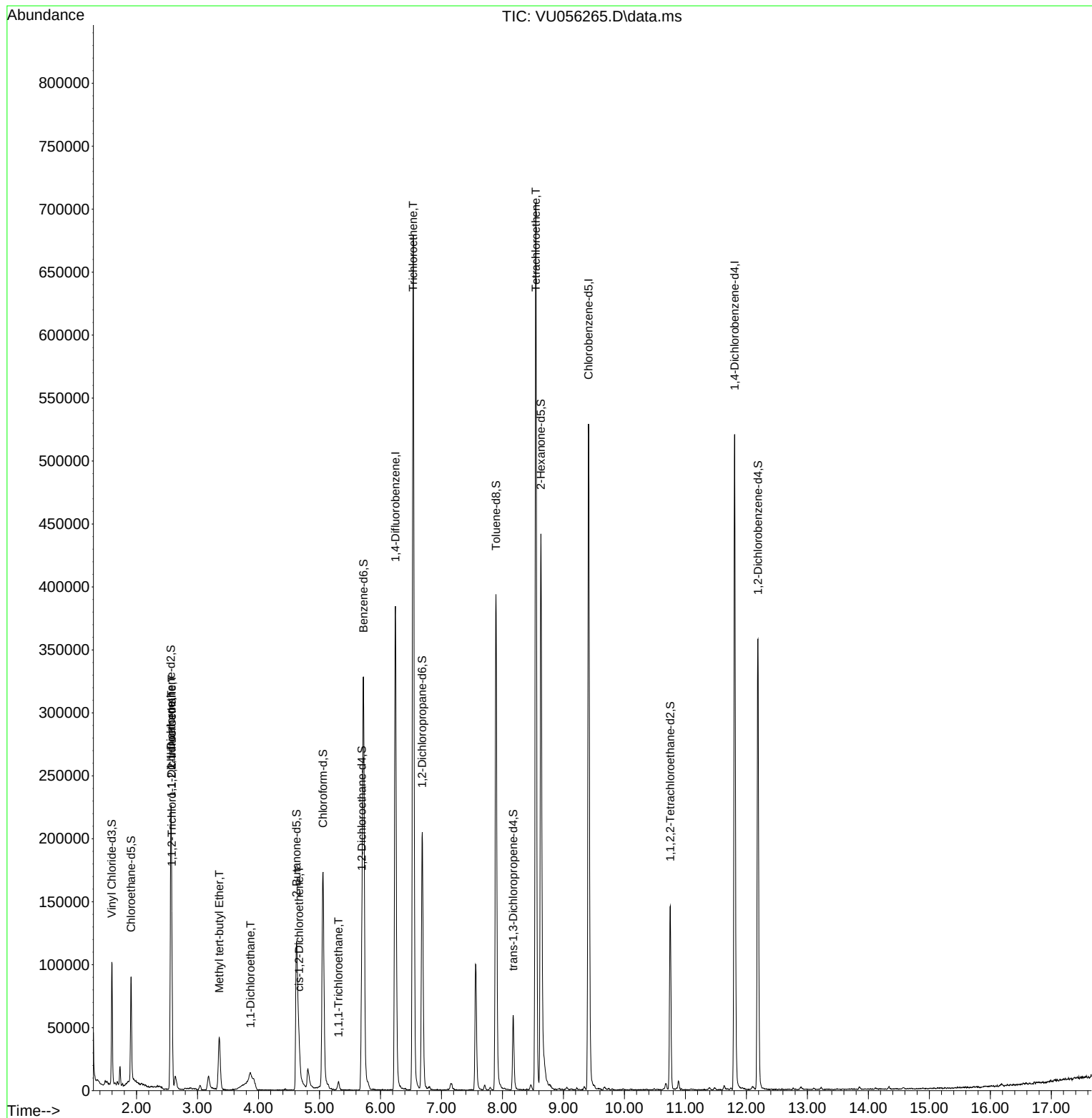
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	319363	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	312999	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71141	2.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.911	69	60480	3.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.563	65	34809	3.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.624	46	193732	40.673	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.340%
24) Chloroform-d	5.058	84	165932	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.695	65	82015	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.721	84	316948	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.000%#
36) 1,2-Dichloropropane-d6	6.685	67	102021	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.894	98	275567	3.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	8.177	79	36365	3.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.631	63	158232	37.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	77014	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	93532	3.664	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.200%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	13281	0.623	ug/L	93
12) 1,1-Dichloroethene	2.573	96	16661	0.852	ug/L #	1
17) Methyl tert-butyl Ether	3.357	73	48525	1.022	ug/L	98
19) 1,1-Dichloroethane	3.869	63	6358	0.160	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	8534	0.374	ug/L	91
29) 1,1,1-Trichloroethane	5.312	97	4974	0.138	ug/L	96
34) Trichloroethene	6.537	95	242394	9.961	ug/L	97
47) Tetrachloroethene	8.547	164	148665	9.060	ug/L	98

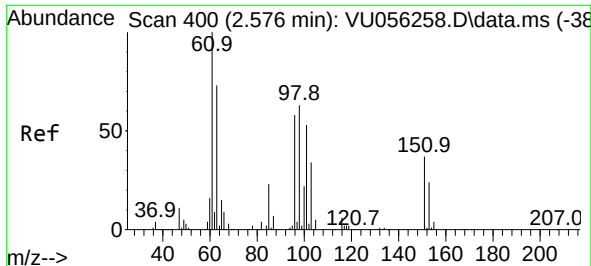
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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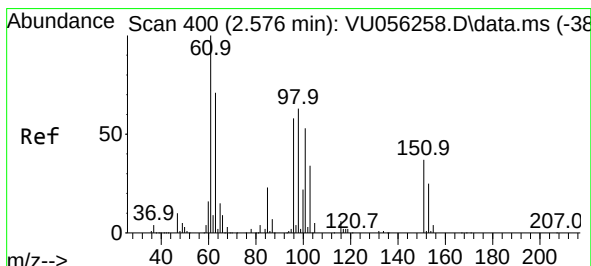
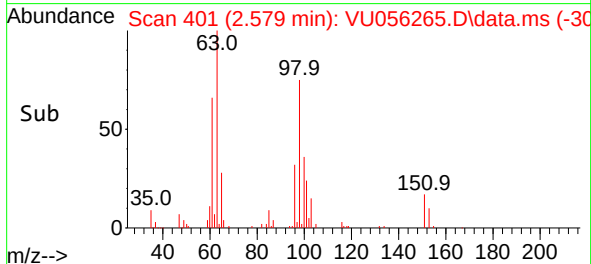
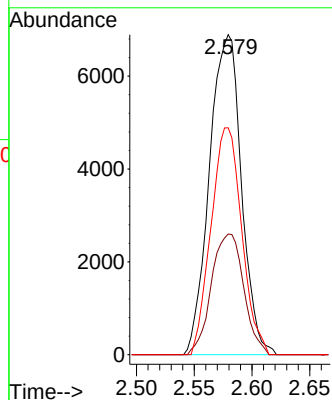
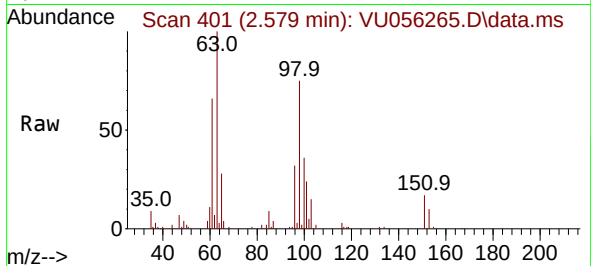




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.623 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

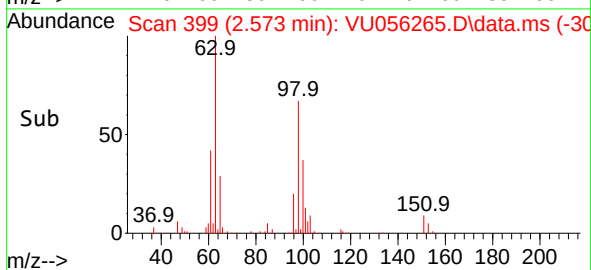
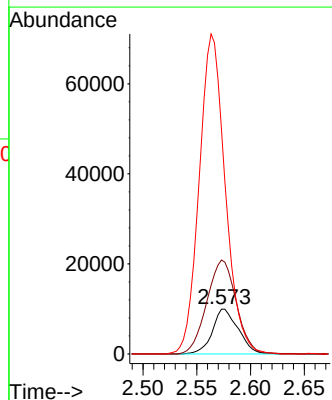
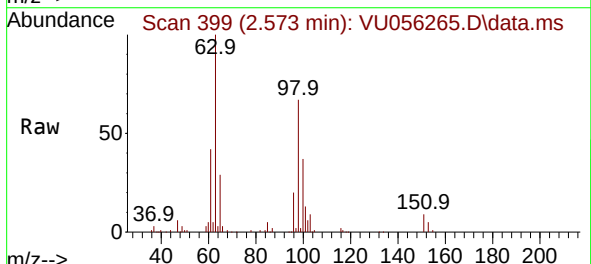
Instrument :
MSVOA_U
ClientSampleId :
GCDMORE

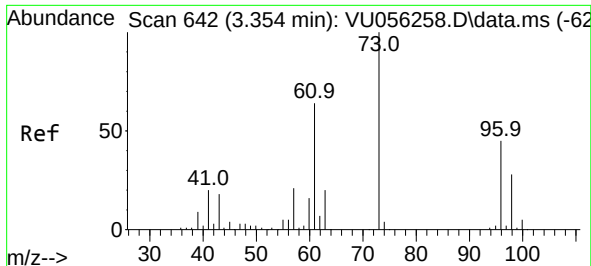
Tgt Ion:101 Resp: 13281
Ion Ratio Lower Upper
101 100
85 38.1 35.4 53.0
151 68.1 58.0 87.0



#12
1,1-Dichloroethene
Concen: 0.852 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056265.D
Acq: 13 Nov 2023 20:54

Tgt Ion: 96 Resp: 16661
Ion Ratio Lower Upper
96 100
61 209.4 123.1 228.7
63 500.7 93.3 173.3#





#17

Methyl tert-butyl Ether

Concen: 1.022 ug/L

RT: 3.357 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU056265.D

Acq: 13 Nov 2023 20:54

Instrument :

MSVOA_U

ClientSampleId :

GCDMORE

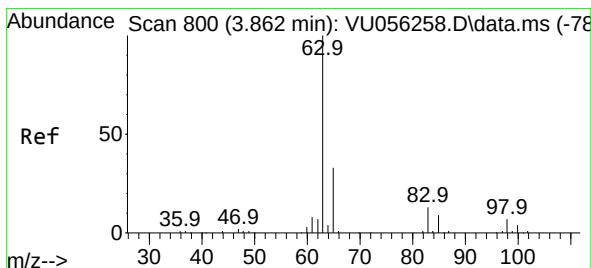
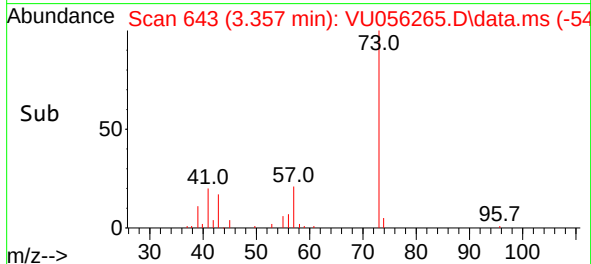
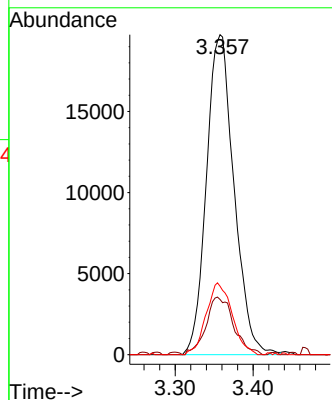
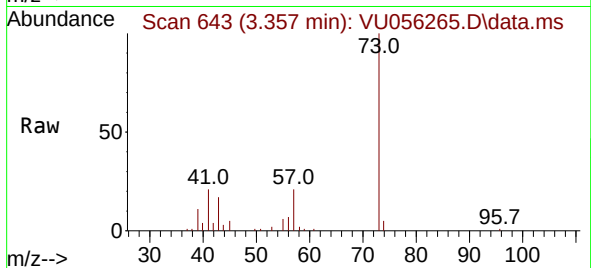
Tgt Ion: 73 Resp: 48525

Ion Ratio Lower Upper

73 100

43 18.1 15.1 22.7

57 21.2 17.8 26.8



#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.006 min

Lab File: VU056265.D

Acq: 13 Nov 2023 20:54

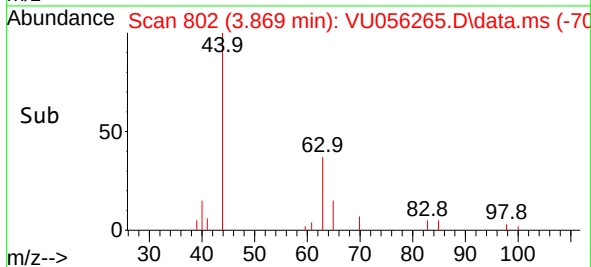
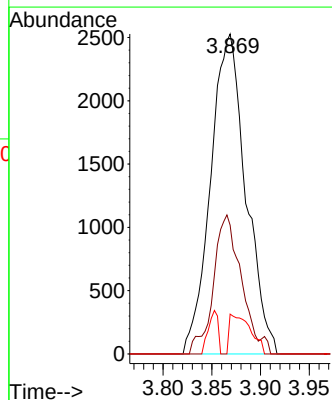
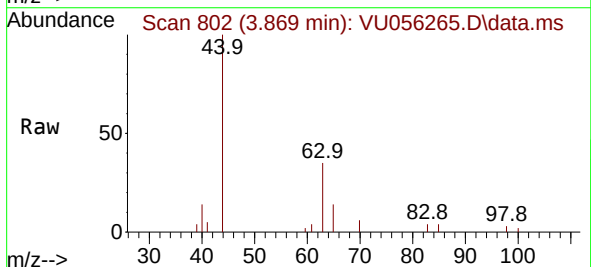
Tgt Ion: 63 Resp: 6358

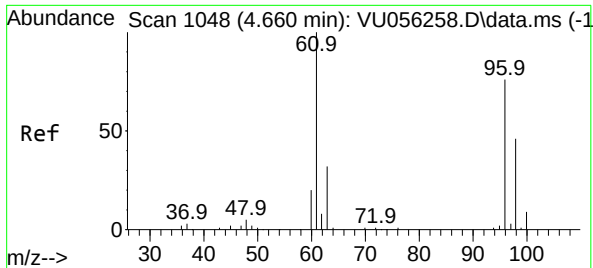
Ion Ratio Lower Upper

63 100

65 40.2 21.8 40.6

83 12.5 9.7 17.9

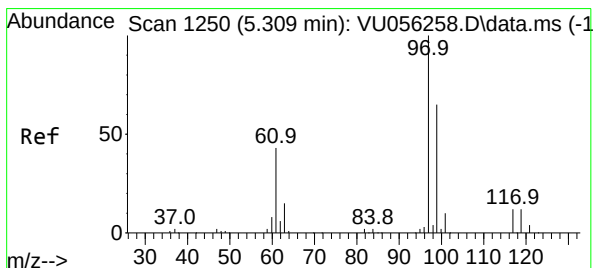
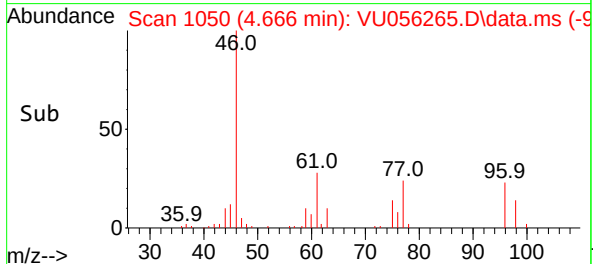
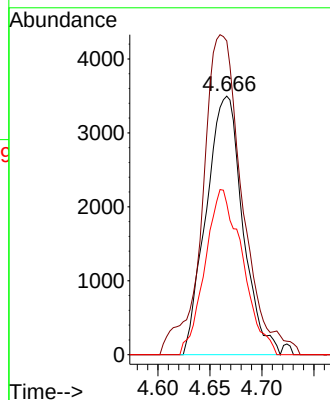
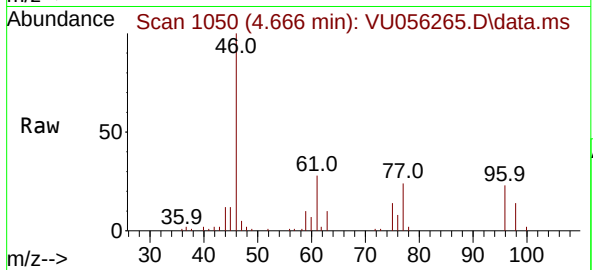




#22
 cis-1,2-Dichloroethene
 Concen: 0.374 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU056265.D
 Acq: 13 Nov 2023 20:54

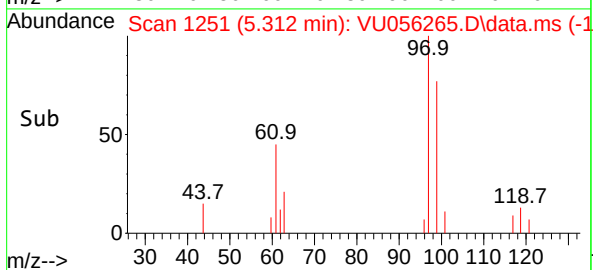
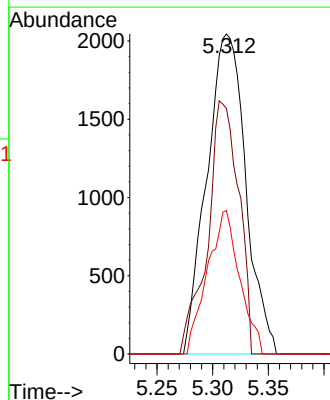
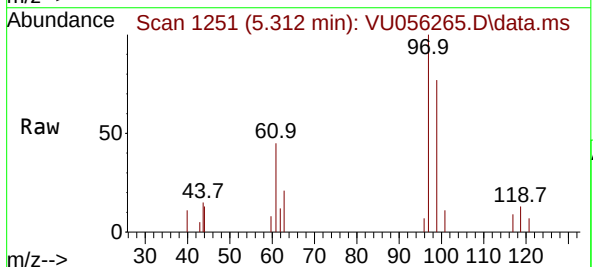
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM0RE

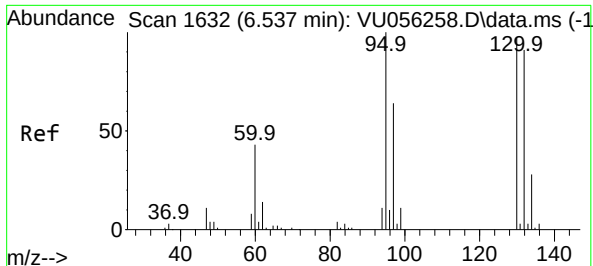
Tgt Ion: 96 Resp: 8534
 Ion Ratio Lower Upper
 96 100
 61 121.4 93.2 173.2
 98 58.4 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 0.138 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. 0.003 min
 Lab File: VU056265.D
 Acq: 13 Nov 2023 20:54

Tgt Ion: 97 Resp: 4974
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.6 77.4
 61 37.2 34.3 51.5





#34

Trichloroethene

Concen: 9.961 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056265.D

Acq: 13 Nov 2023 20:54

Instrument :

MSVOA_U

ClientSampleId :

GCDMORE

Tgt Ion: 95 Resp: 242394

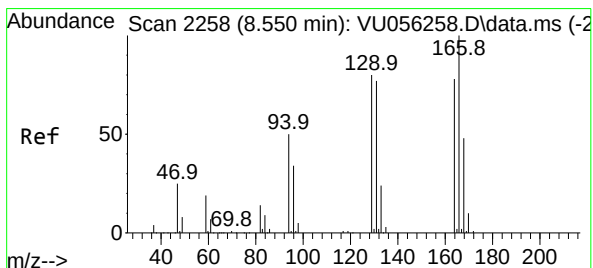
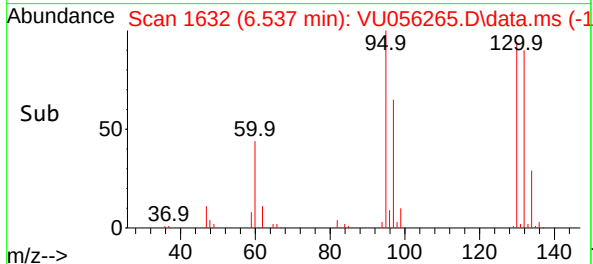
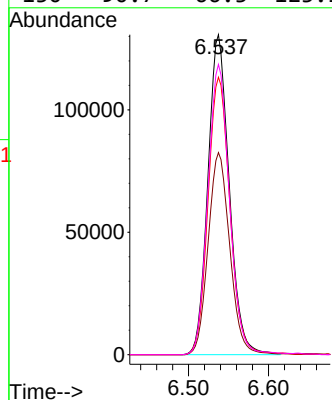
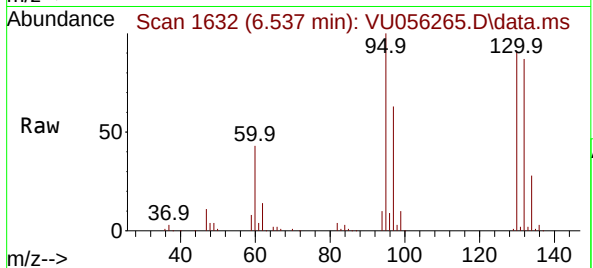
Ion Ratio Lower Upper

95 100

97 63.1 46.5 86.3

132 86.7 62.0 115.2

130 90.7 66.3 123.1



#47

Tetrachloroethene

Concen: 9.060 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056265.D

Acq: 13 Nov 2023 20:54

Tgt Ion:164 Resp: 148665

Ion Ratio Lower Upper

164 100

129 105.2 71.0 131.9

131 101.0 70.3 130.7

166 127.4 89.8 166.8

