

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056564.D
 Acq On : 21 Nov 2023 21:12
 Operator : MD/SY
 Sample : 05441-14DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

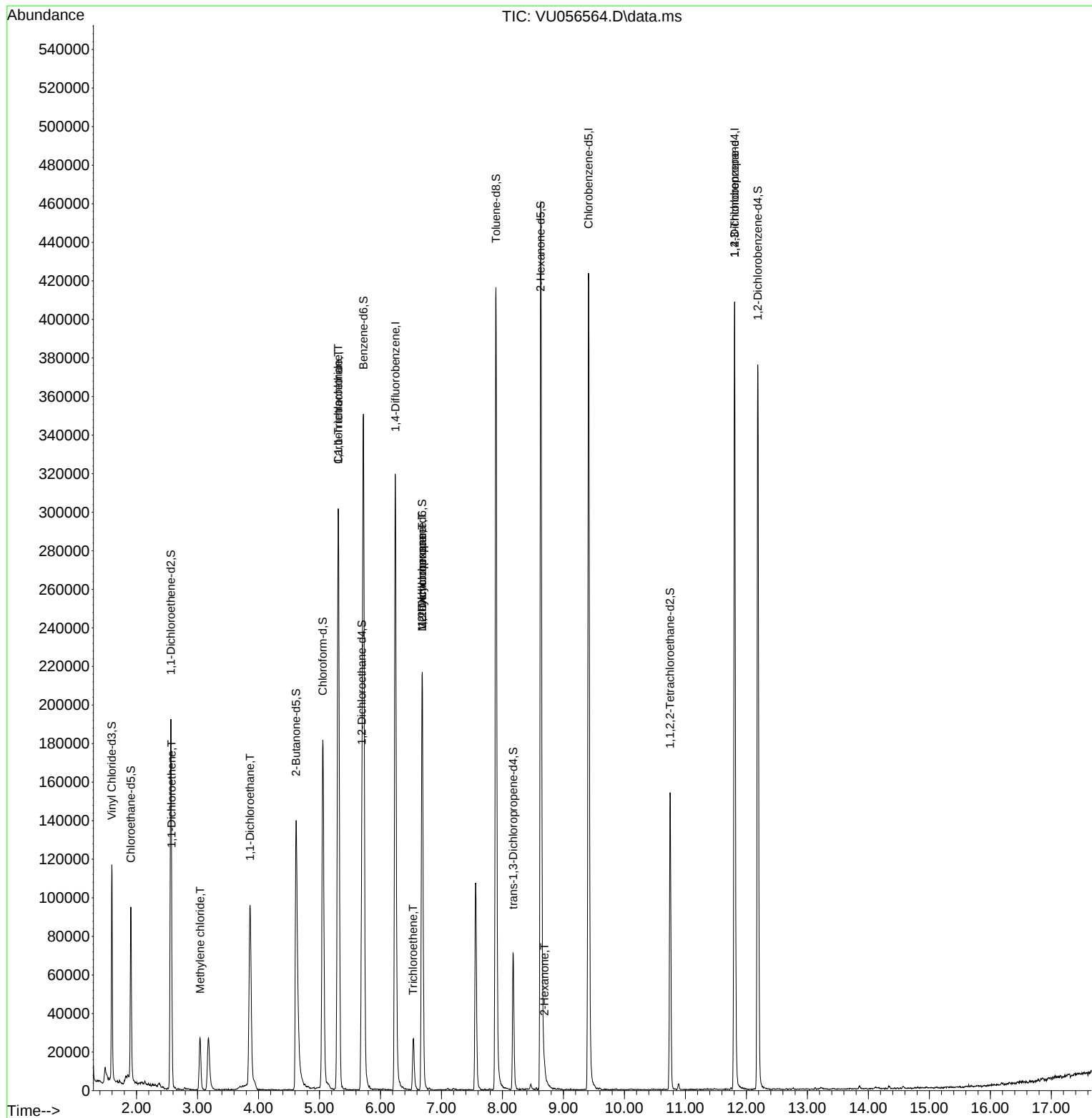
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265466	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	250316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80237	4.041	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.907	69	66845	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.563	65	35510	4.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.618	46	200909	50.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.055	84	174442	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	87410	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	339602	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.682	67	107216	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	296998	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	42489	4.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.627	63	158874	46.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77858	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	101676	5.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	7116	0.438	ug/L #	1
16) Methylene chloride	3.042	84	13956	0.649	ug/L	93
19) 1,1-Dichloroethane	3.862	63	110942	3.350	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	227927	7.933	ug/L	99
31) Carbon tetrachloride	5.309	117	27901	1.131	ug/L	100
34) Trichloroethene	6.537	95	9502	0.488	ug/L	92
35) Methylcyclohexane	6.682	83	26362	0.938	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11786	0.633	ug/L #	90
48) 2-Hexanone	8.688	43	5173	0.719	ug/L #	78
61) 1,2,3-Trichloropropane	11.807	75	14469	1.533	ug/L #	65

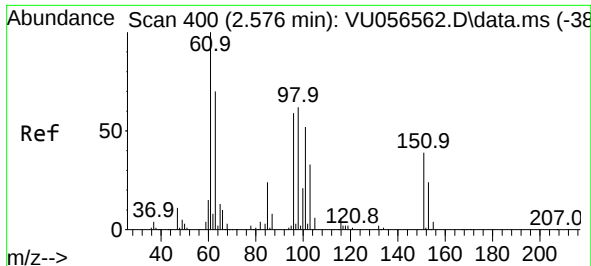
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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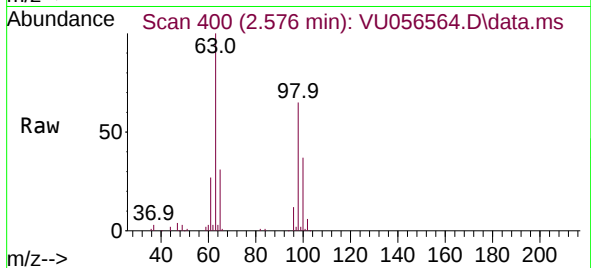
Quant Time: Nov 22 00:59:24 2023
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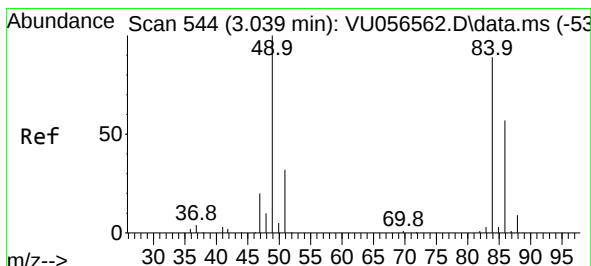
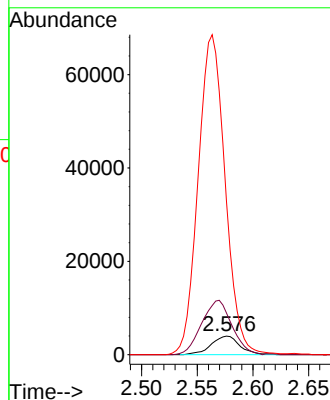
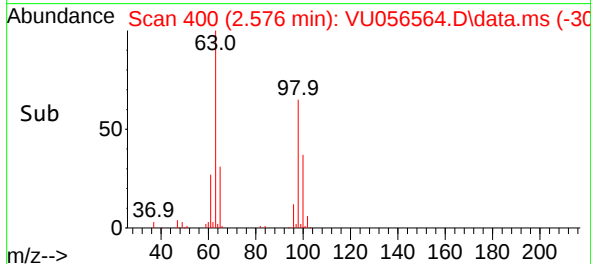


#12
 1,1-Dichloroethene
 Concen: 0.438 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056564.D
 Acq: 21 Nov 2023 21:12

Instrument :
 MSVOA_U
 ClientSampleId :

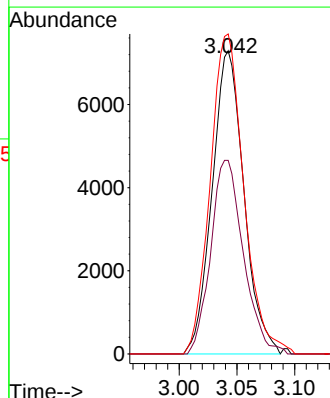
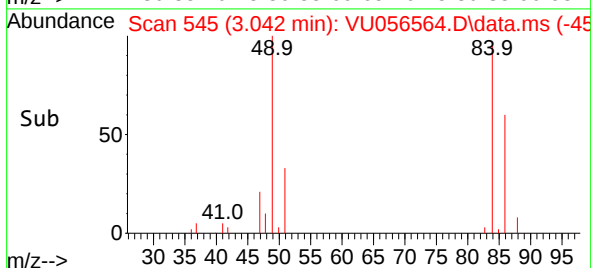
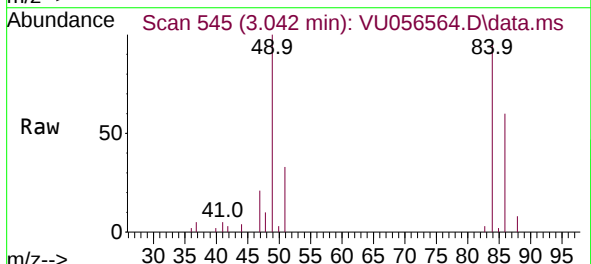


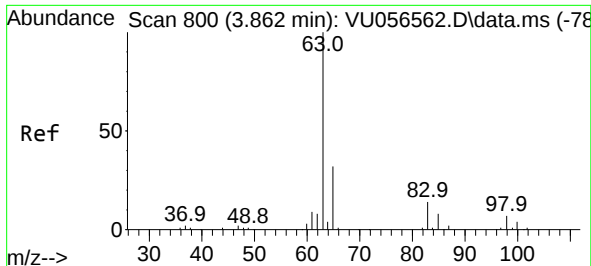
Tgt Ion: 96 Resp: 7116
 Ion Ratio Lower Upper
 96 100
 61 224.6 123.1 228.7
 63 828.7 93.3 173.3#



#16
 Methylene chloride
 Concen: 0.649 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU056564.D
 Acq: 21 Nov 2023 21:12

Tgt Ion: 84 Resp: 13956
 Ion Ratio Lower Upper
 84 100
 86 63.8 44.7 83.1
 49 105.5 81.8 152.0





#19

1,1-Dichloroethane

Concen: 3.350 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056564.D

Acq: 21 Nov 2023 21:12

Instrument :

MSVOA_U

ClientSampleId :

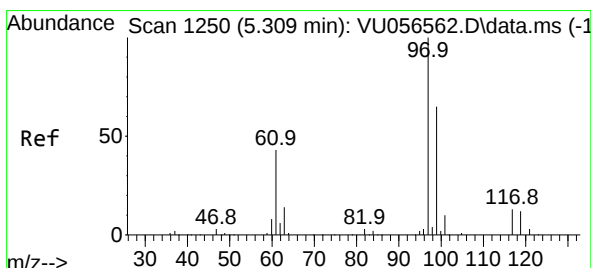
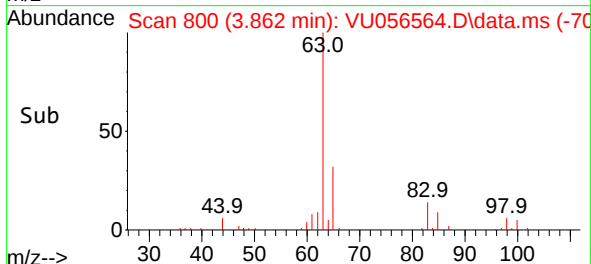
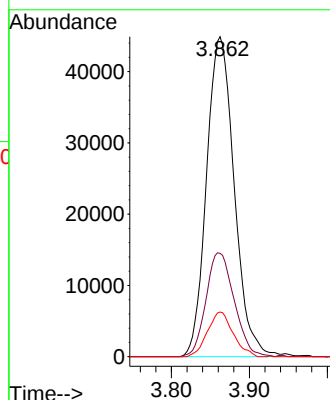
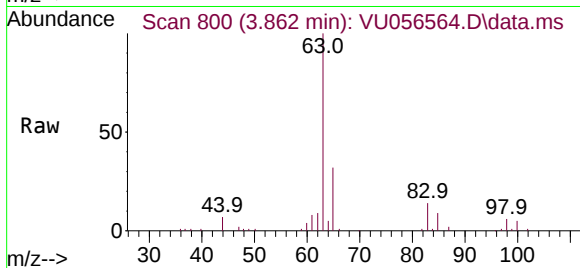
Tgt Ion: 63 Resp: 110942

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

83 14.0 9.7 17.9



#29

1,1,1-Trichloroethane

Concen: 7.933 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056564.D

Acq: 21 Nov 2023 21:12

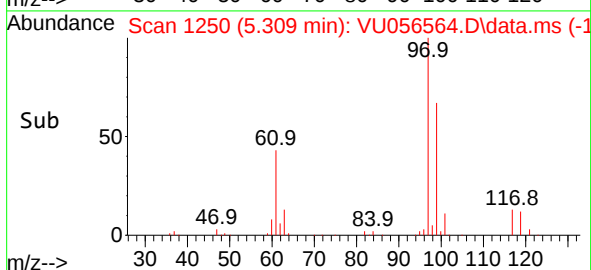
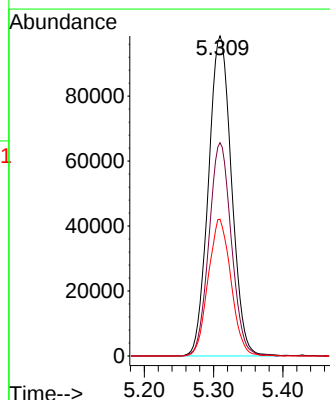
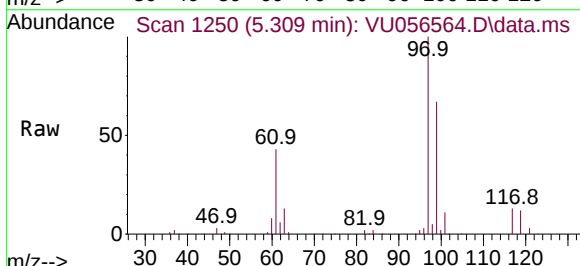
Tgt Ion: 97 Resp: 227927

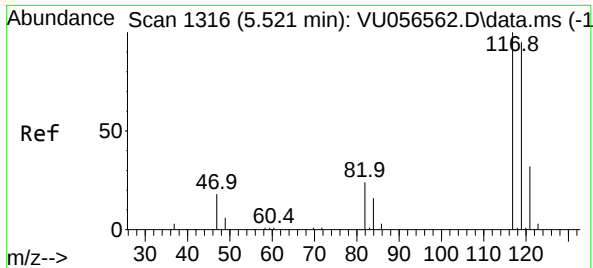
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 42.2 34.3 51.5

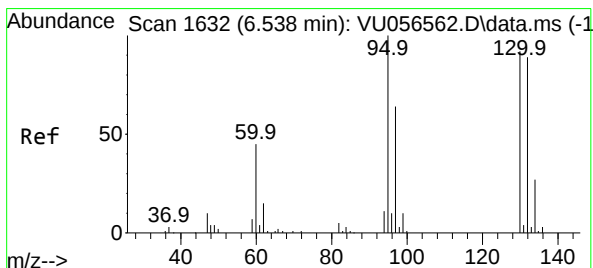
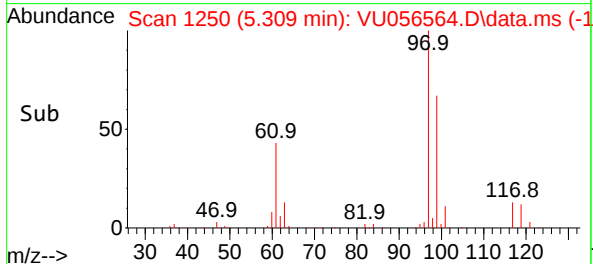
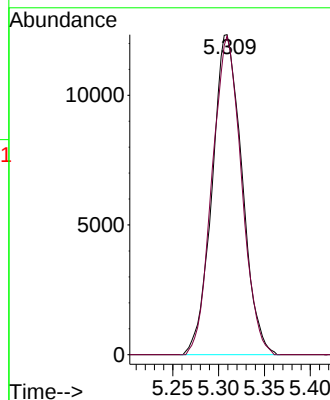
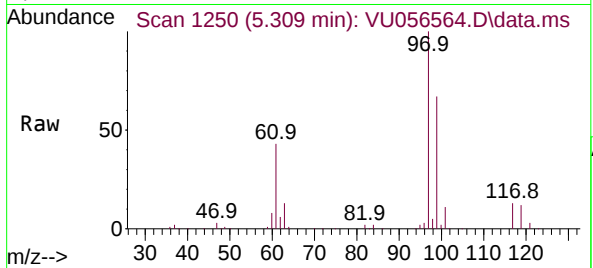




#31
Carbon tetrachloride
Concen: 1.131 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU056564.D
Acq: 21 Nov 2023 21:12

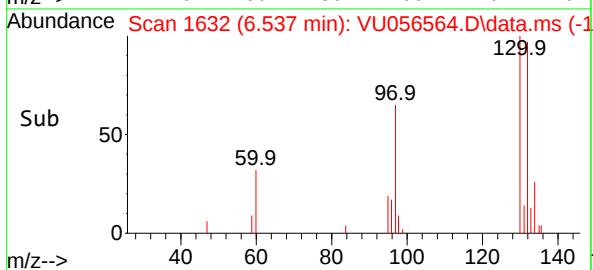
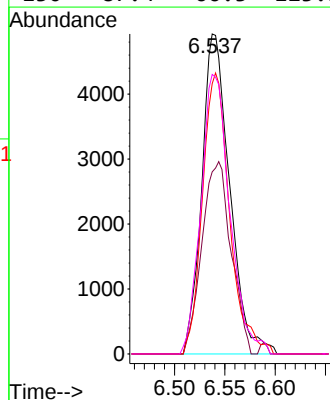
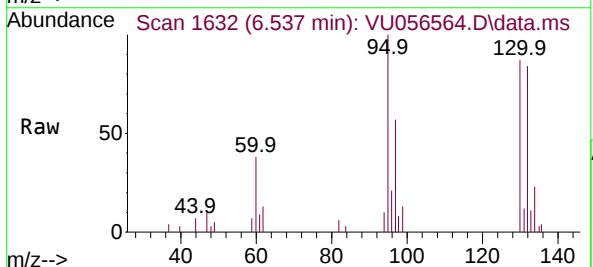
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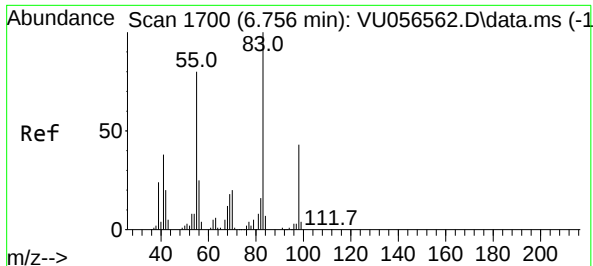
Tgt Ion:117 Resp: 27901
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1



#34
Trichloroethene
Concen: 0.488 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056564.D
Acq: 21 Nov 2023 21:12

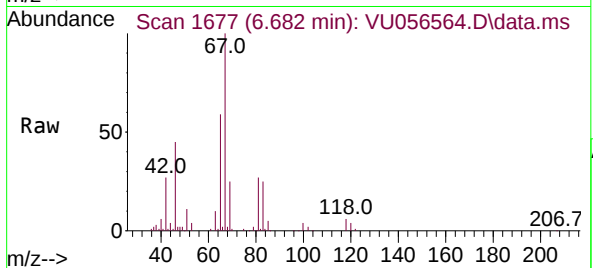
Tgt Ion: 95 Resp: 9502
Ion Ratio Lower Upper
95 100
97 56.9 46.5 86.3
132 84.5 62.0 115.2
130 87.4 66.3 123.1



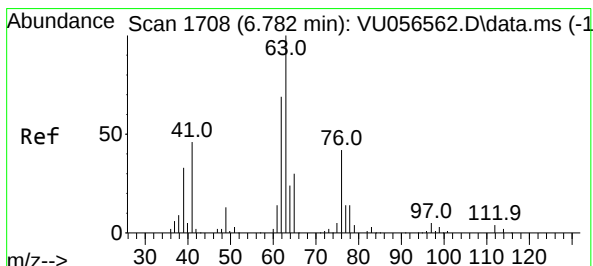
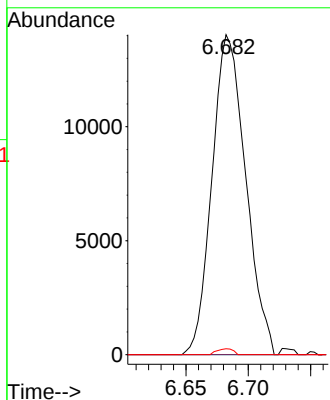
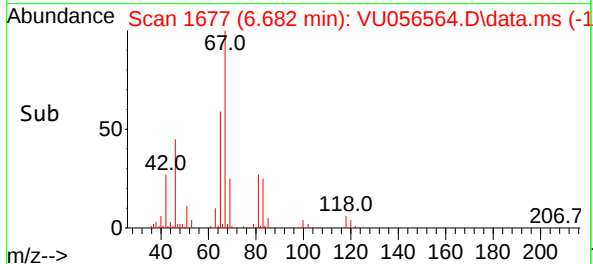


#35
Methylcyclohexane
Concen: 0.938 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056564.D
Acq: 21 Nov 2023 21:12

Instrument :
MSVOA_U
ClientSampleId :

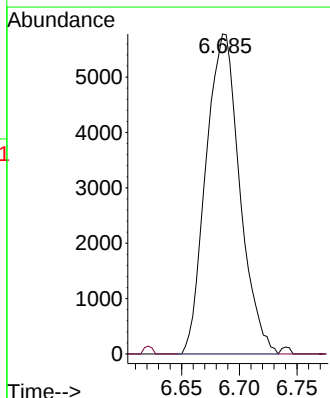
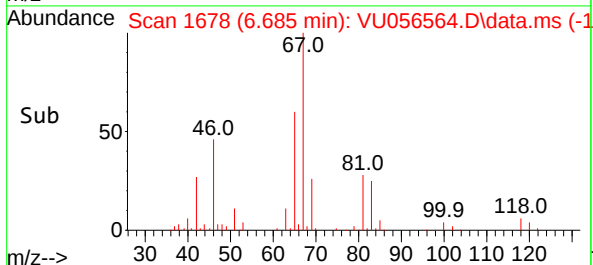
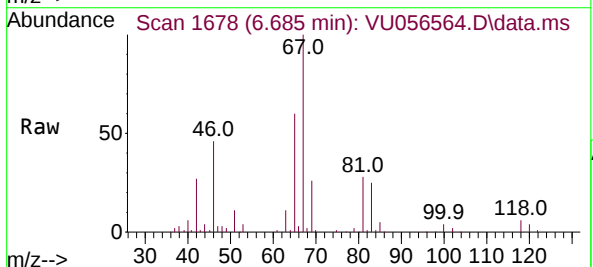


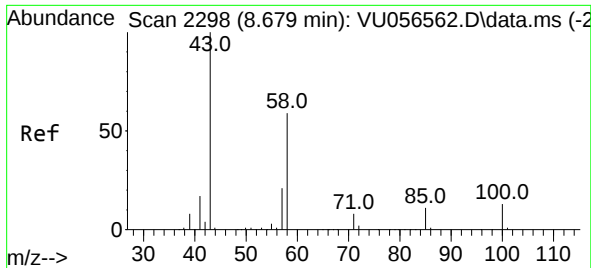
Tgt Ion: 83 Resp: 26362
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU056564.D
Acq: 21 Nov 2023 21:12

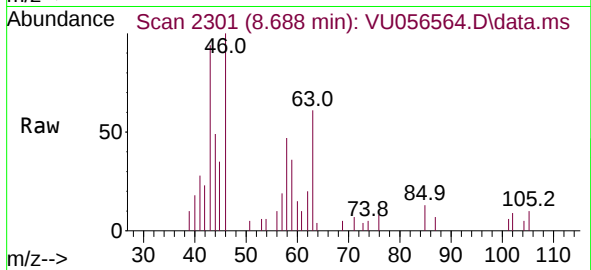
Tgt Ion: 63 Resp: 11786
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#



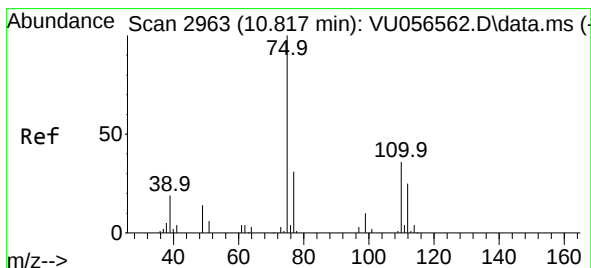
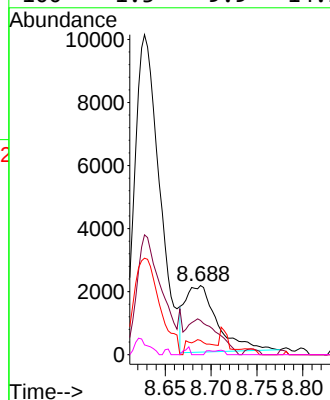
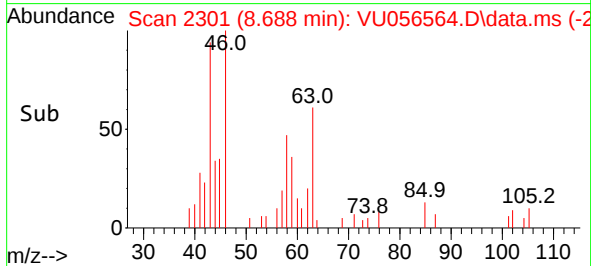


#48
2-Hexanone
Concen: 0.719 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056564.D
Acq: 21 Nov 2023 21:12

Instrument :
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ClientSampleId :



Tgt Ion: 43 Resp: 5173
Ion Ratio Lower Upper
43 100
58 46.5 48.7 73.1#
57 7.7 16.8 25.2#
100 1.3 9.9 14.9#



#61
1,2,3-Trichloropropane
Concen: 1.533 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056564.D
Acq: 21 Nov 2023 21:12

Tgt Ion: 75 Resp: 14469
Ion Ratio Lower Upper
75 100
110 1.9 30.4 45.6#
77 29.9 27.0 40.6

