

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049226.D
 Acq On : 16 Jun 2022 23:56
 Operator : SY/MD
 Sample : N3320-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

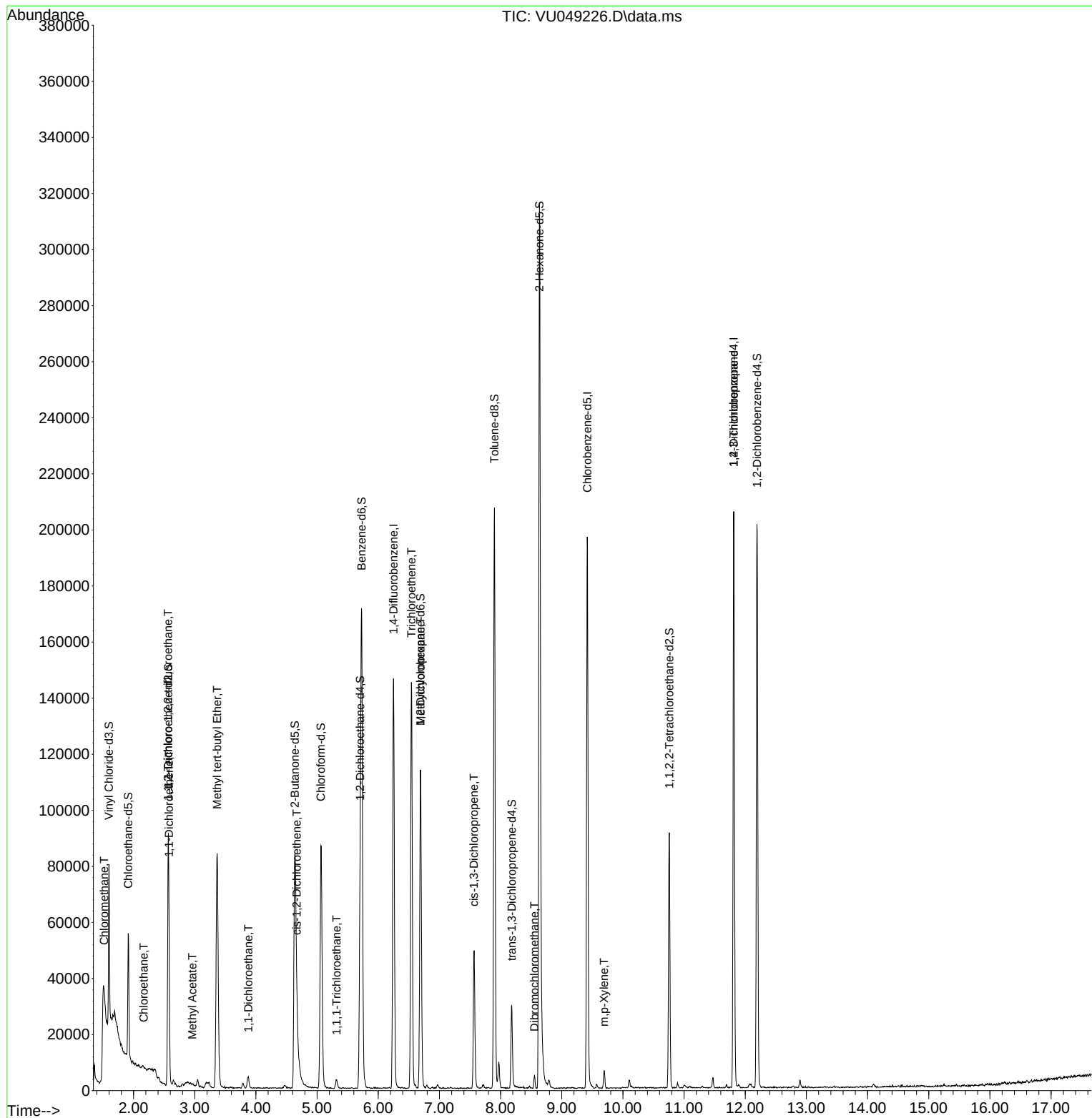
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	115286	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106511	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39930	3.964	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.912	69	30753	4.509	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	15807	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.639	46	162980	60.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.180%
24) Chloroform-d	5.063	84	76589	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.703	65	45835	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.729	84	154638	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	54412	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.899	98	133096	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	17579	3.633	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.636	63	108790	55.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45141	5.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50437	4.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1755	0.162	ug/L #	42
8) Chloroethane	2.166	64	596	0.106	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	393	0.059	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	4197	0.647	ug/L #	1
15) Methyl Acetate	2.960	43	626	0.176	ug/L #	54
17) Methyl tert-butyl Ether	3.366	73	94368	4.813	ug/L	100
19) 1,1-Dichloroethane	3.877	63	5300	0.374	ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	465	0.058	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	2379	0.187	ug/L	95
34) Trichloroethene	6.542	95	50055	6.179	ug/L	99
35) Methylcyclohexane	6.690	83	12059	0.888	ug/L #	17
39) cis-1,3-Dichloropropene	7.565	75	1260	0.095	ug/L	90
49) Dibromochloromethane	8.552	129	924	0.133	ug/L #	10
53) m,p-Xylene	9.693	106	1995	0.146	ug/L	93
61) 1,2,3-Trichloropropane	11.812	75	7357	1.247	ug/L #	69

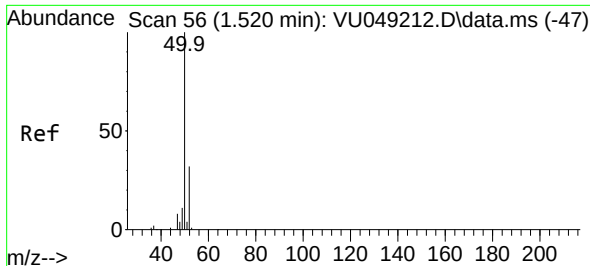
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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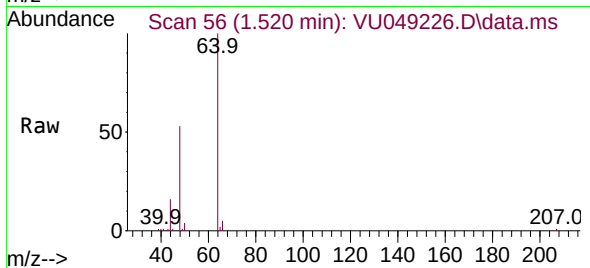
Quant Time: Jun 17 02:35:43 2022
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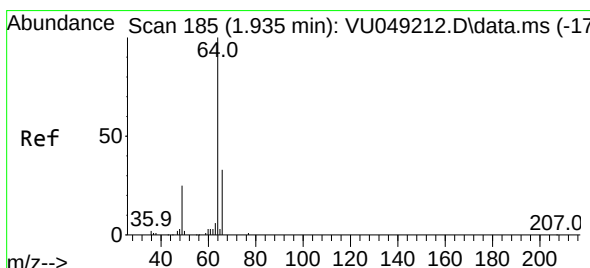
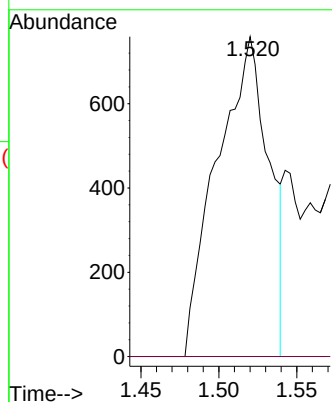
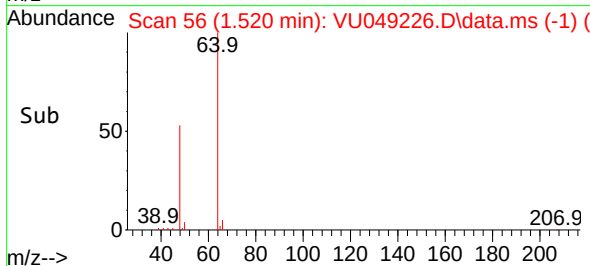


#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56

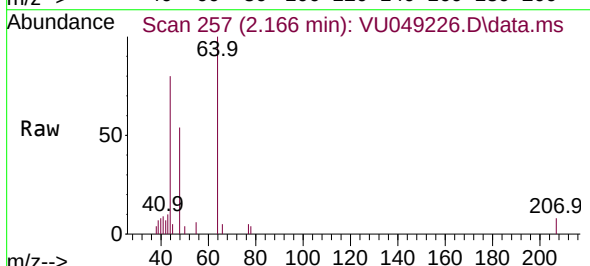
Instrument :
MSVOA_U
ClientSampleId :



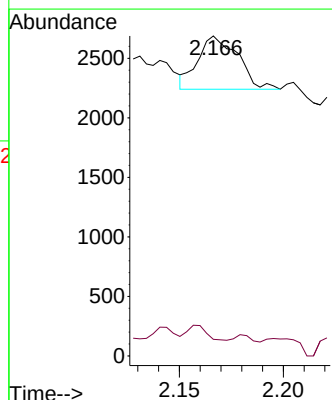
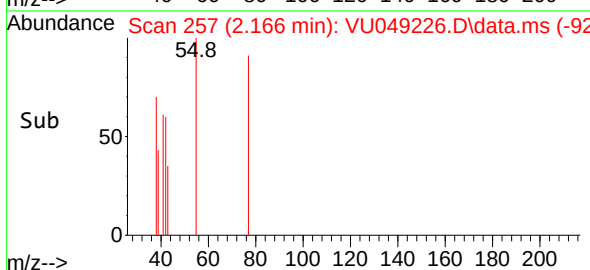
Tgt Ion: 50 Resp: 1755
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#

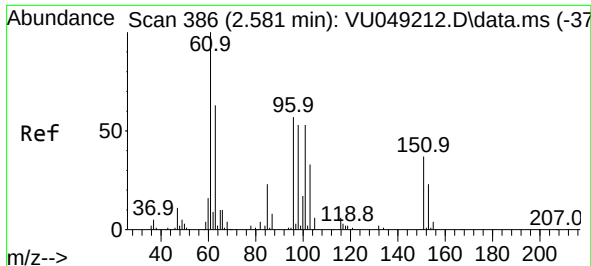


#8
Chloroethane
Concen: 0.106 ug/L
RT: 2.166 min Scan# 257
Delta R.T. 0.231 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56



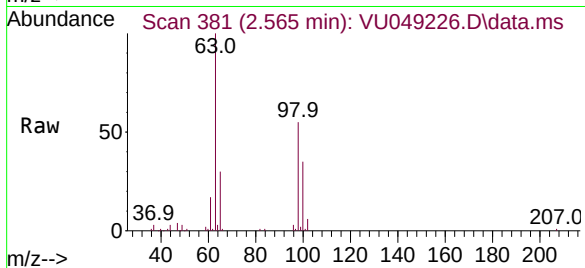
Tgt Ion: 64 Resp: 596
Ion Ratio Lower Upper
64 100
66 5.2 20.9 38.9#



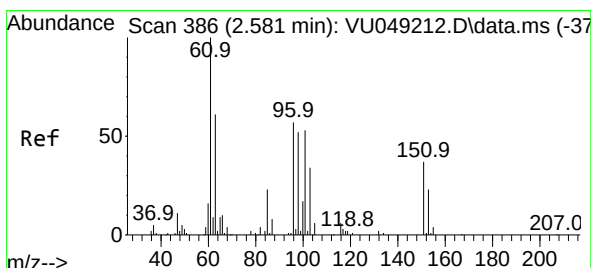
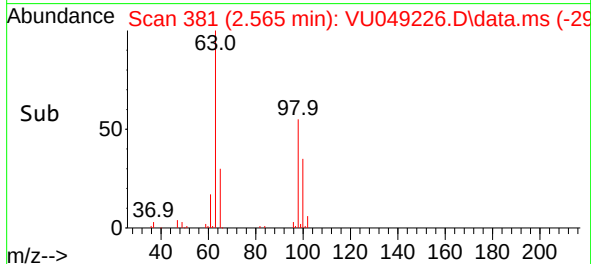
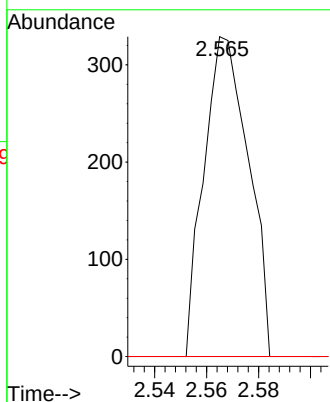


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049226.D
 Acq: 16 Jun 2022 23:56

Instrument :
 MSVOA_U
 ClientSampleId :

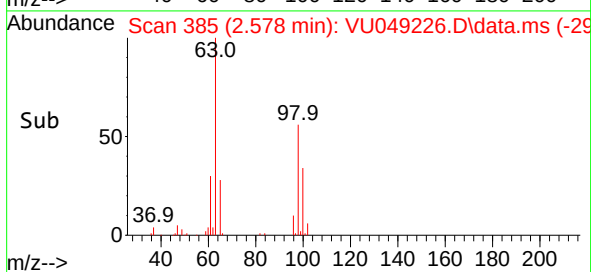
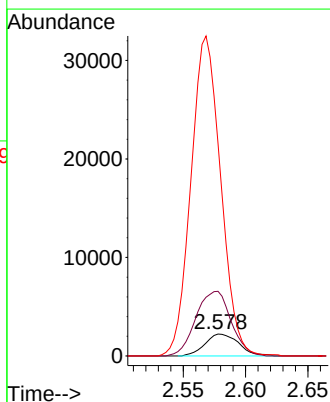
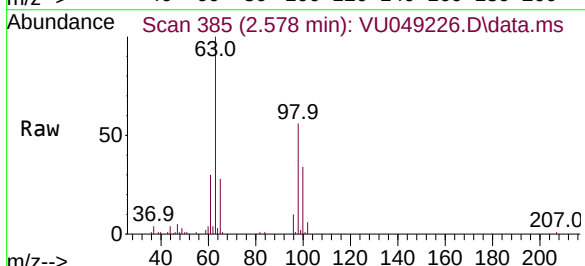


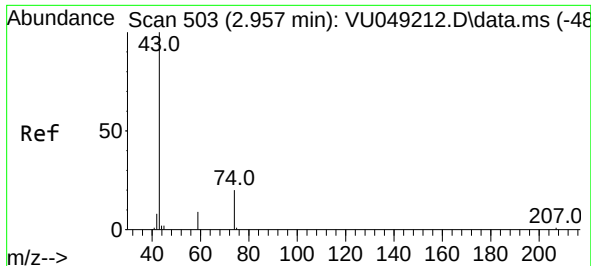
Tgt Ion:101 Resp: 393
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.647 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049226.D
 Acq: 16 Jun 2022 23:56

Tgt Ion: 96 Resp: 4197
 Ion Ratio Lower Upper
 96 100
 61 295.4 127.2 236.2#
 63 969.4 94.7 175.9#

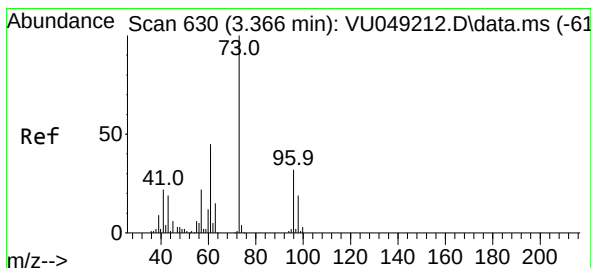
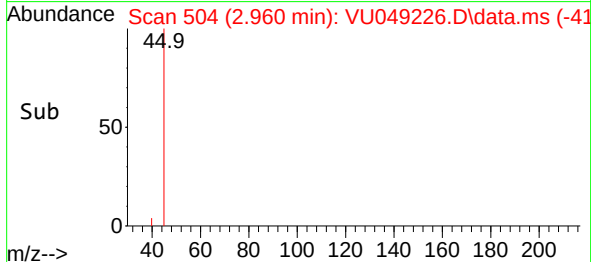
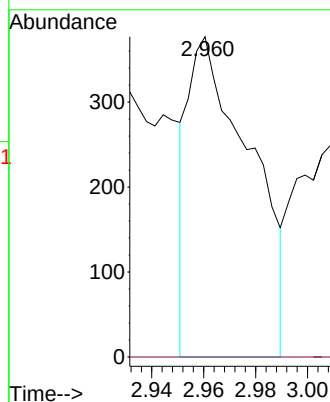
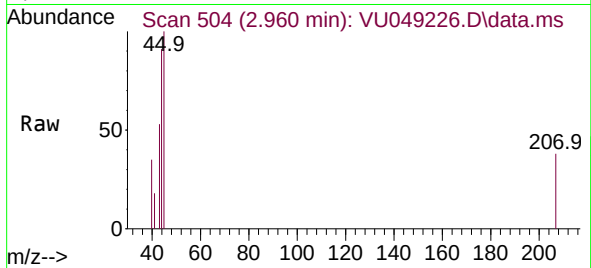




#15
Methyl Acetate
Concen: 0.176 ug/L
RT: 2.960 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56

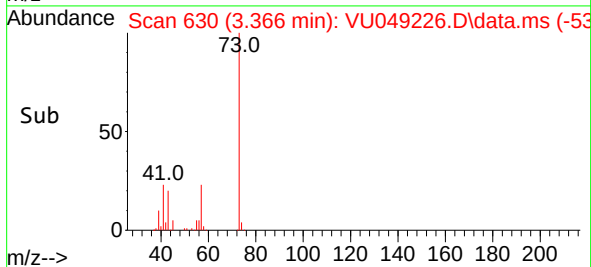
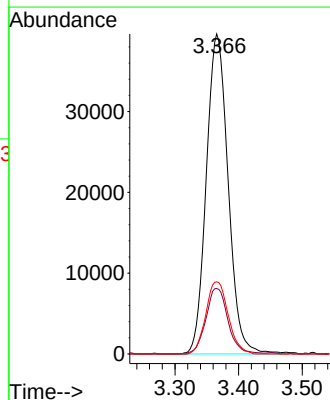
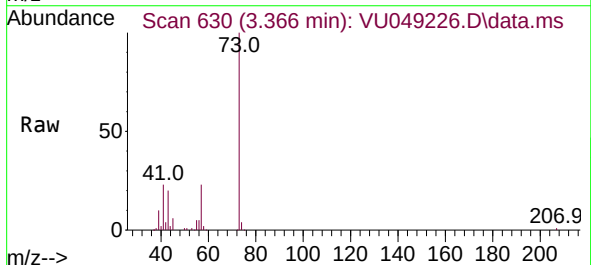
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MSVOA_U
ClientSampleId :

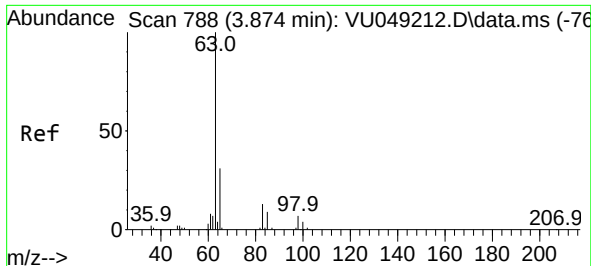
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#17
Methyl tert-butyl Ether
Concen: 4.813 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56

Tgt Ion: 73 Resp: 94368
Ion Ratio Lower Upper
73 100
43 20.7 16.5 24.7
57 23.1 18.6 27.8





#19

1,1-Dichloroethane

Concen: 0.374 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

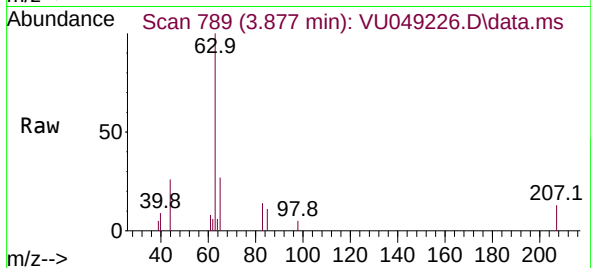
Lab File: VU049226.D

Acq: 16 Jun 2022 23:56

Instrument :

MSVOA_U

ClientSampleId :



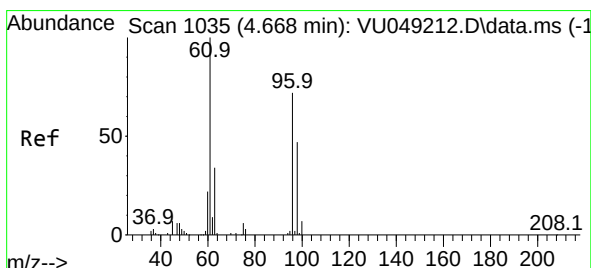
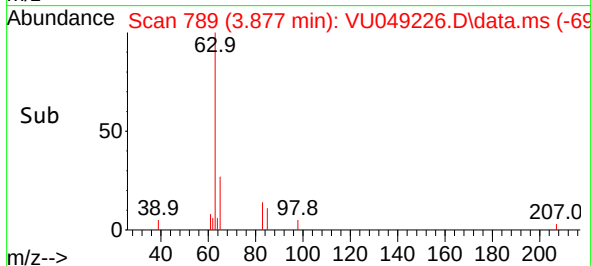
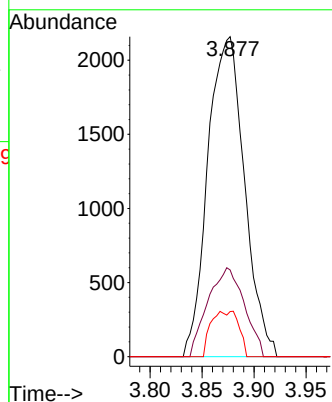
Tgt Ion: 63 Resp: 5300

Ion Ratio Lower Upper

63 100

65 25.6 24.0 44.6

83 13.3 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.058 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049226.D

Acq: 16 Jun 2022 23:56

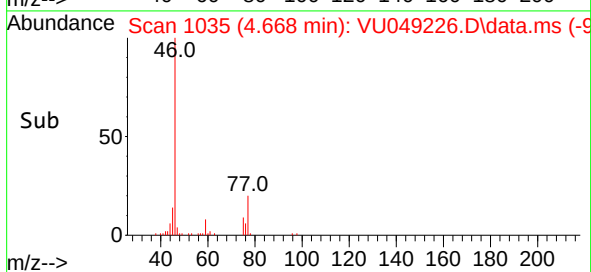
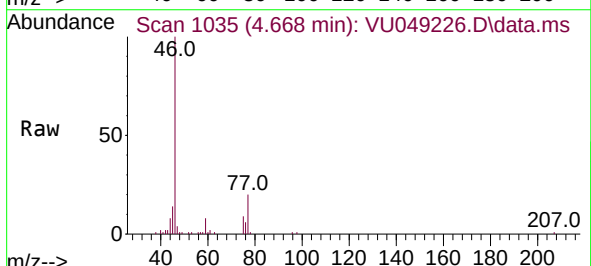
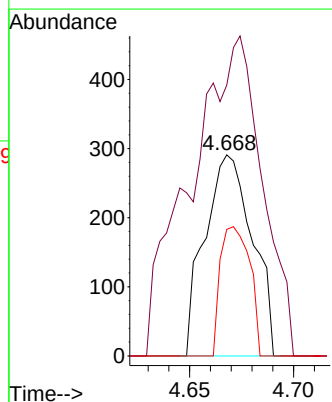
Tgt Ion: 96 Resp: 465

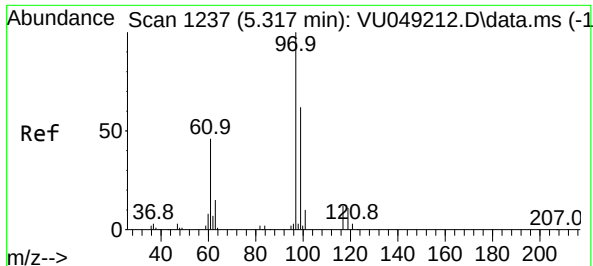
Ion Ratio Lower Upper

96 100

61 134.7 99.5 184.9

98 62.9 44.8 83.2





#29

1,1,1-Trichloroethane

Concen: 0.187 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

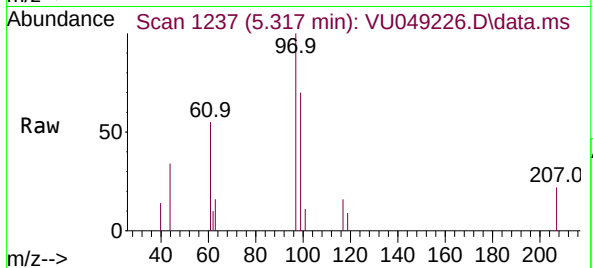
Lab File: VU049226.D

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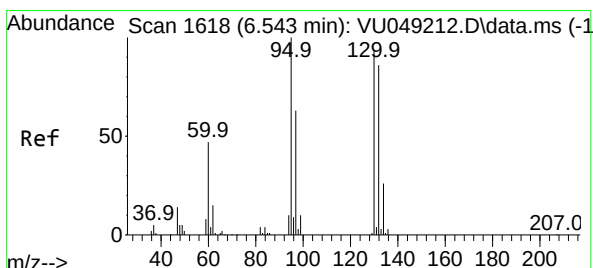
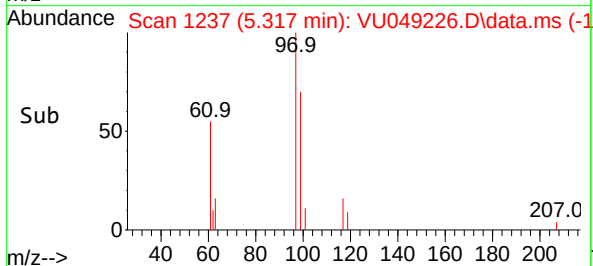
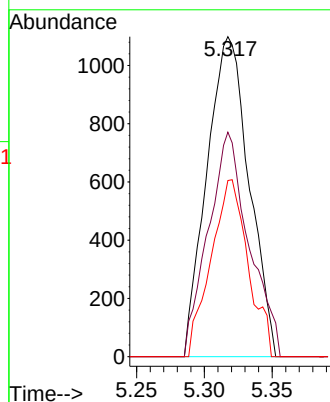
Tgt Ion: 97 Resp: 2379

Ion Ratio Lower Upper

97 100

99 68.0 51.0 76.4

61 48.5 36.2 54.4



#34

Trichloroethene

Concen: 6.179 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049226.D

Acq: 16 Jun 2022 23:56

Tgt Ion: 95 Resp: 50055

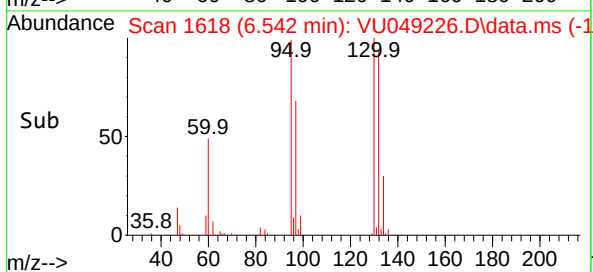
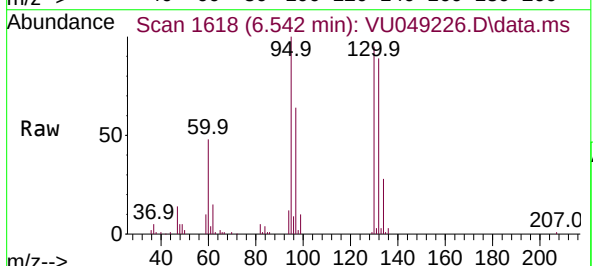
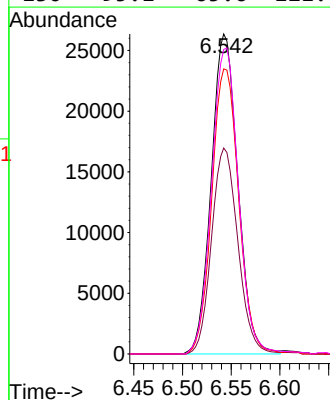
Ion Ratio Lower Upper

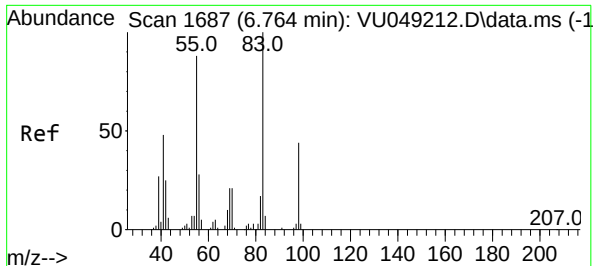
95 100

97 64.3 45.3 84.1

132 89.1 61.5 114.3

130 95.1 65.6 121.8

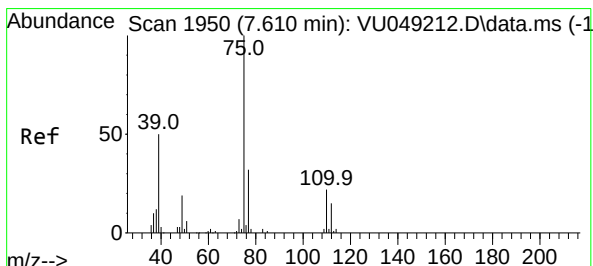
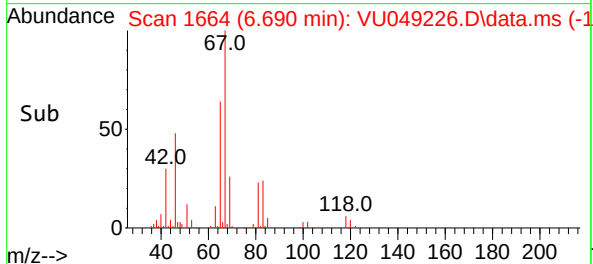
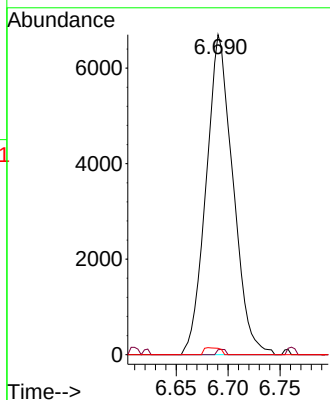
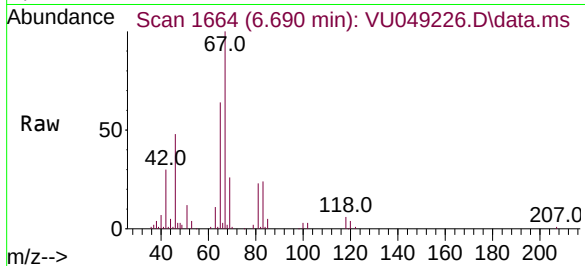




#35
Methylcyclohexane
Concen: 0.888 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56

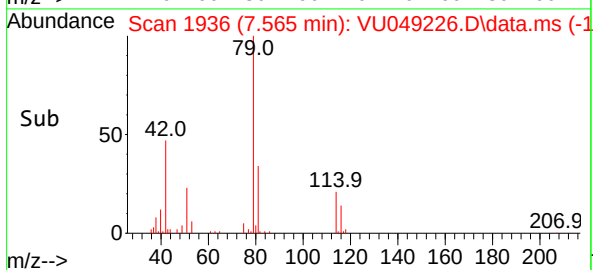
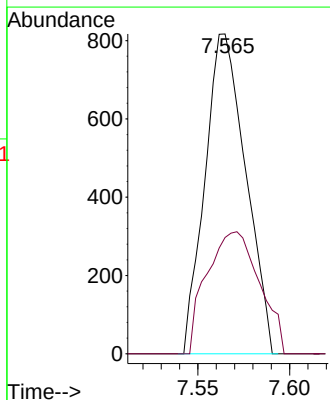
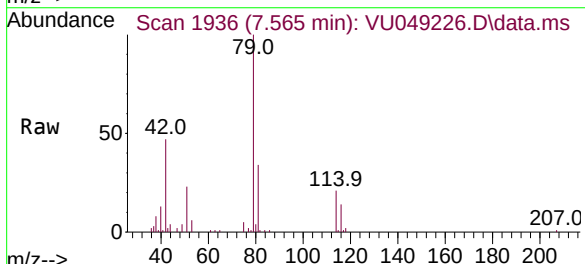
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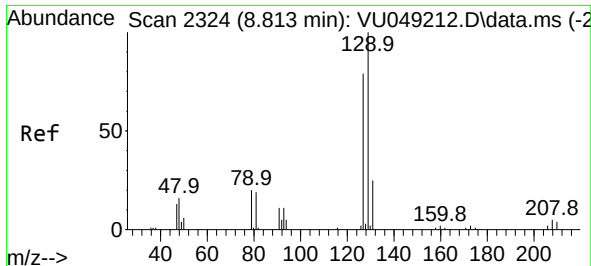
Tgt Ion: 83 Resp: 12059
Ion Ratio Lower Upper
83 100
55 0.5 66.9 100.3#
98 1.3 35.5 53.3#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56

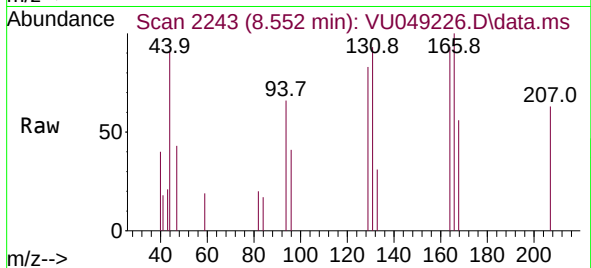
Tgt Ion: 75 Resp: 1260
Ion Ratio Lower Upper
75 100
77 36.4 21.8 40.4



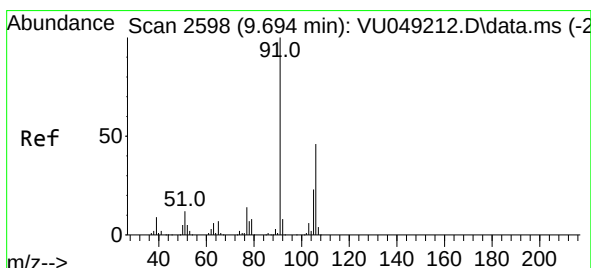
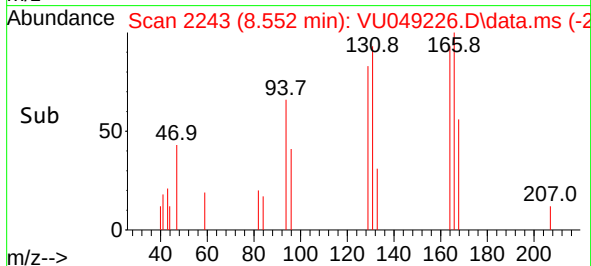
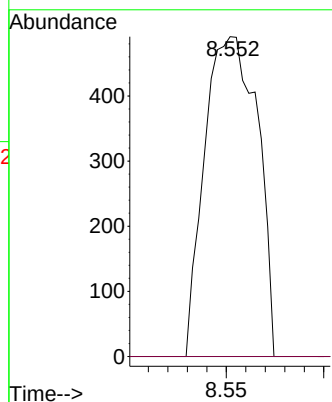


#49
Dibromochloromethane
Concen: 0.133 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.261 min
Lab File: VU049226.D
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Instrument :
MSVOA_U
ClientSampleId :

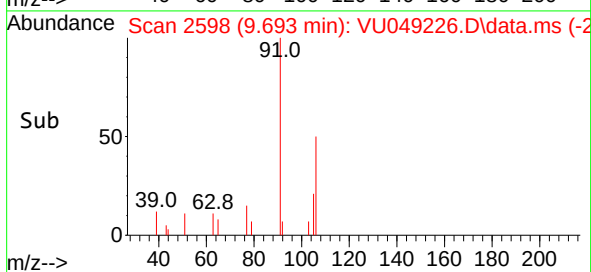
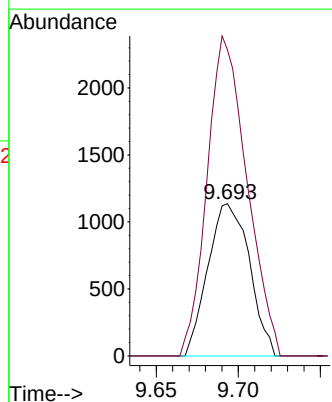
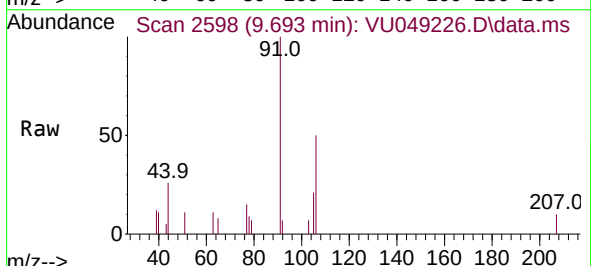


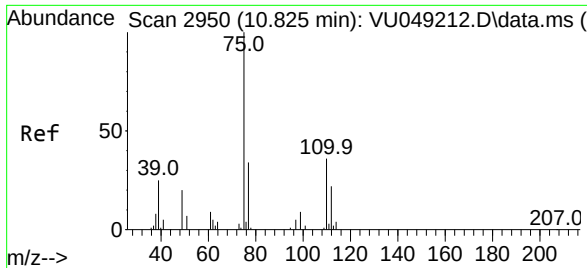
Tgt Ion:129 Resp: 924
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#



#53
m,p-Xylene
Concen: 0.146 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049226.D
Acq: 16 Jun 2022 23:56

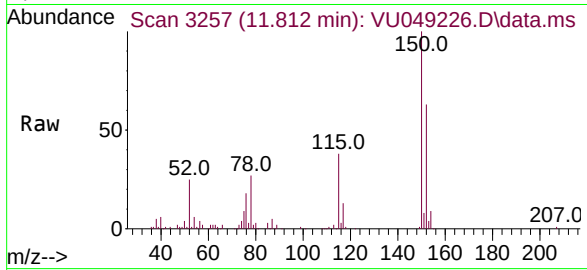
Tgt Ion:106 Resp: 1995
Ion Ratio Lower Upper
106 100
91 201.0 148.5 275.7





#61
 1,2,3-Trichloropropane
 Concen: 1.247 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049226.D
 Acq: 16 Jun 2022 23:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7357
 Ion Ratio Lower Upper
 75 100
 110 1.6 29.0 43.4#
 77 32.3 26.2 39.2

