

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061522\
 Data File : VU049167.D
 Acq On : 15 Jun 2022 14:00
 Operator : SY/MD
 Sample : N3288-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ98

Quant Time: Jun 16 04:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

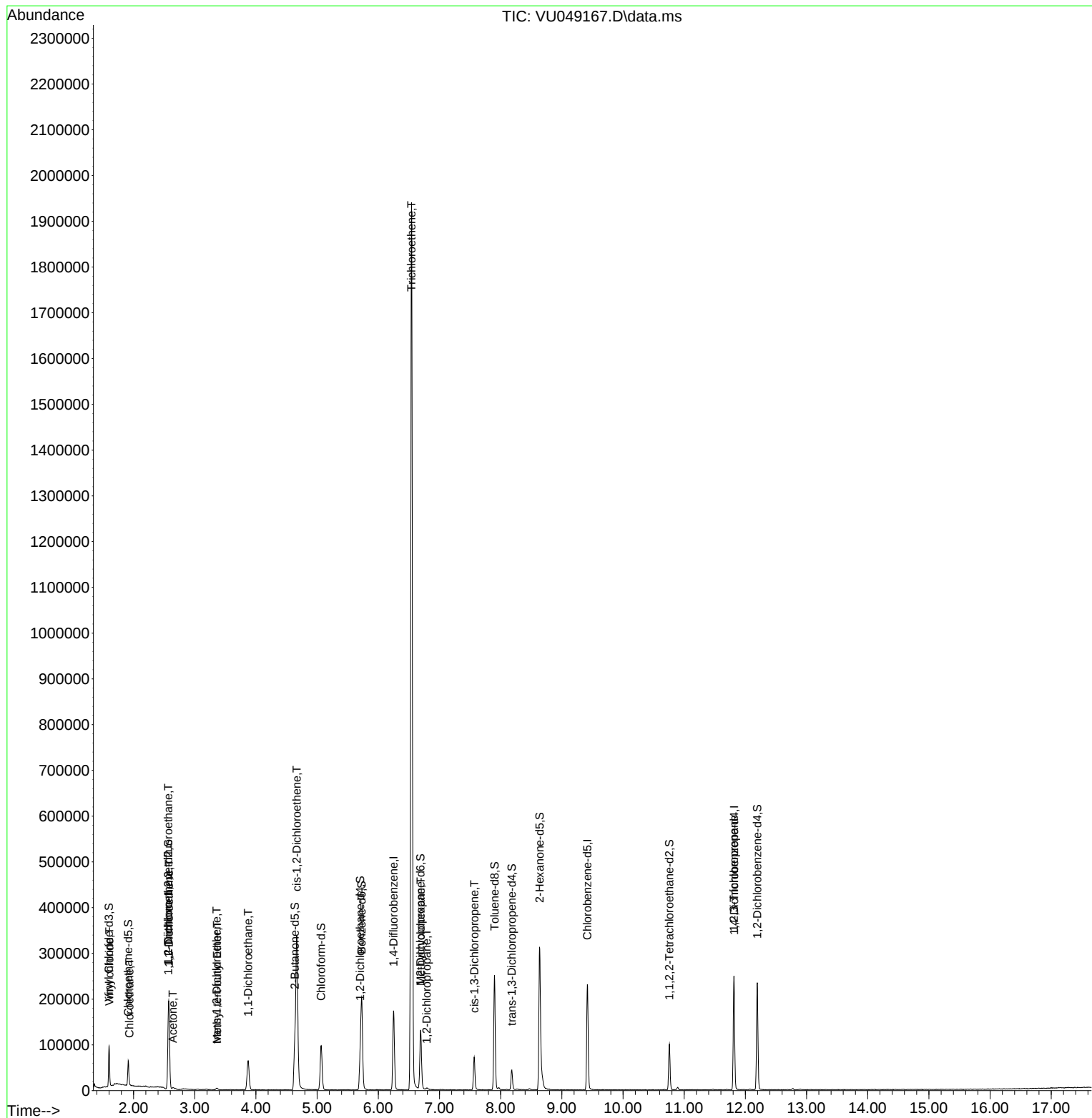
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	136255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	64494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48967	4.113	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.200%	
7) Chloroethane-d5	1.912	69	36964	4.586	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.568	65	20173	4.213	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.636	46	158448	49.843	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.680%	
24) Chloroform-d	5.067	84	88651	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.703	65	51488	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.729	84	180342	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.690	67	62228	4.834	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.899	98	160607	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.182	79	25258	4.417	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.636	63	108176	46.893	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.780%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51012	4.949	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	59315	4.793	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	17433	1.522	ug/L	89
8) Chloroethane	1.932	64	784	0.118	ug/L #	63
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	602	0.076	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	41454	5.411	ug/L	94
13) Acetone	2.642	43	6555	4.166	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	2419	0.104	ug/L #	87
18) trans-1,2-Dichloroethene	3.359	96	924	0.109	ug/L	84
19) 1,1-Dichloroethane	3.874	63	75667	4.521	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	154985	16.325	ug/L	99
34) Trichloroethene	6.542	95	670352	70.005	ug/L	99
35) Methylcyclohexane	6.694	83	13386	0.834	ug/L #	16
37) 1,2-Dichloropropane	6.793	63	1082	0.105	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1831	0.117	ug/L #	63
61) 1,2,3-Trichloropropane	11.812	75	8092	1.118	ug/L #	66

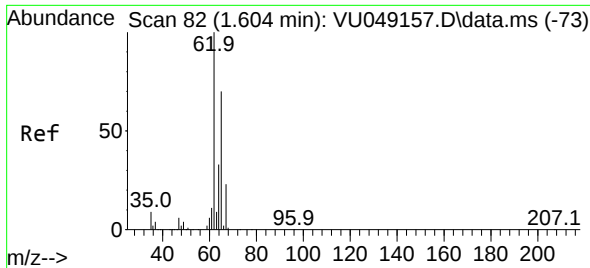
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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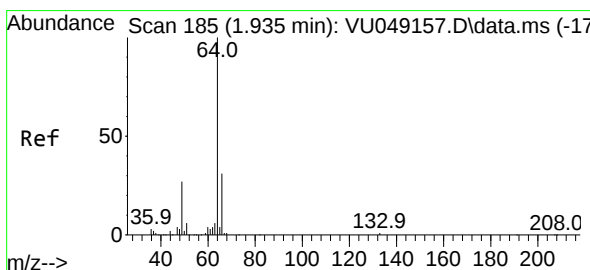
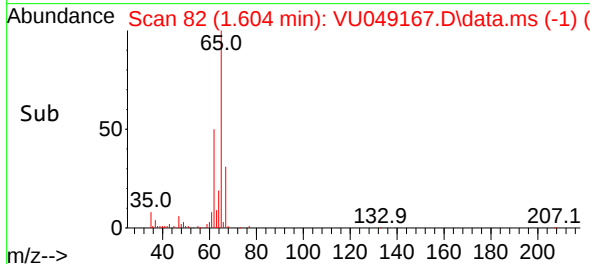
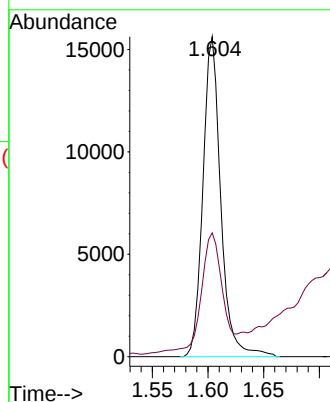
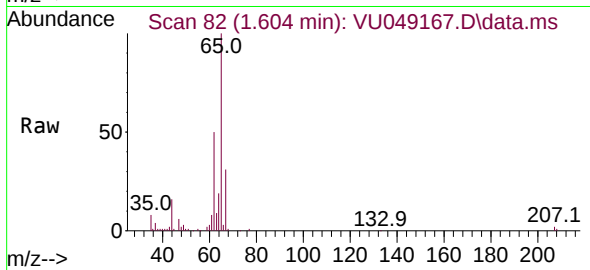




#5
 Vinyl chloride
 Concen: 1.522 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049167.D
 Acq: 15 Jun 2022 14:00

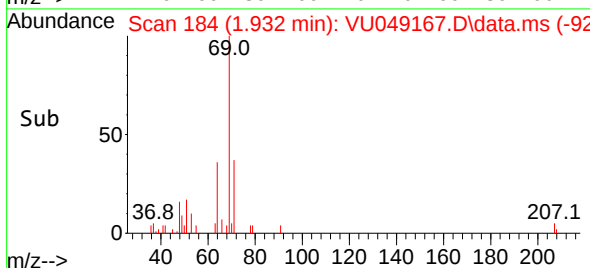
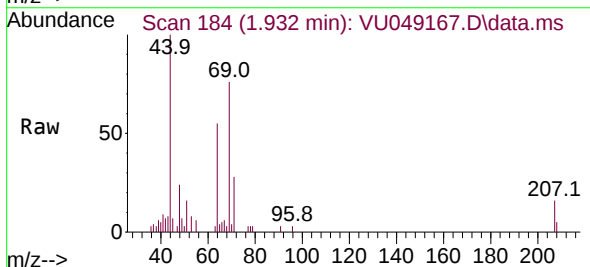
Instrument :
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 ClientSampleId :
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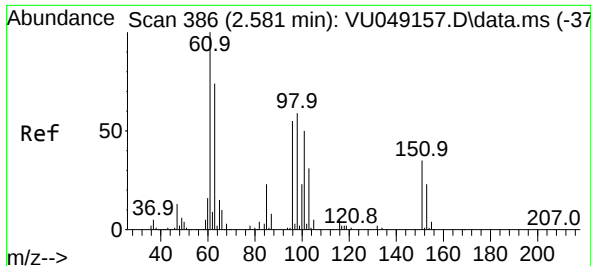
Tgt Ion: 62 Resp: 17433
 Ion Ratio Lower Upper
 62 100
 64 38.7 22.8 42.4



#8
 Chloroethane
 Concen: 0.118 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.003 min
 Lab File: VU049167.D
 Acq: 15 Jun 2022 14:00

Tgt Ion: 64 Resp: 784
 Ion Ratio Lower Upper
 64 100
 66 9.8 20.9 38.9#

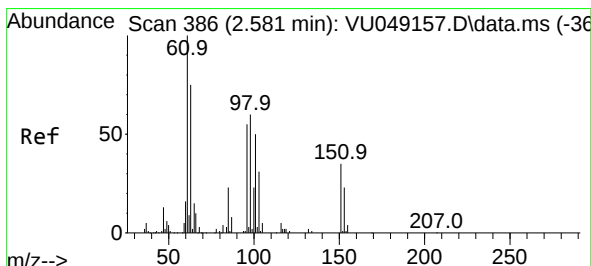
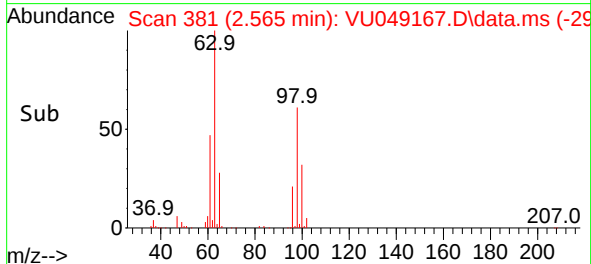
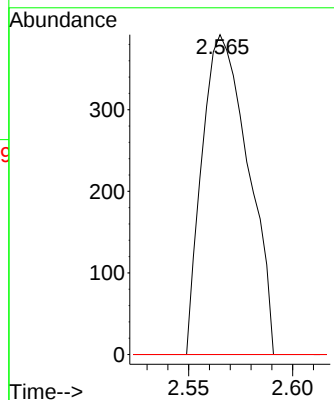
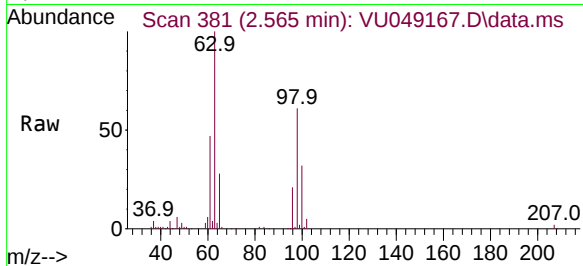




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

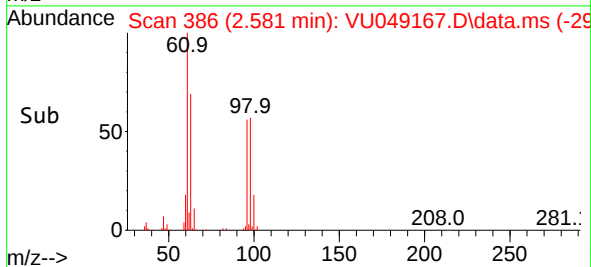
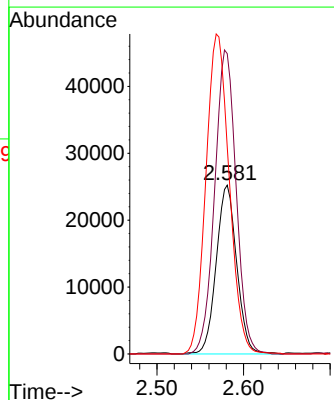
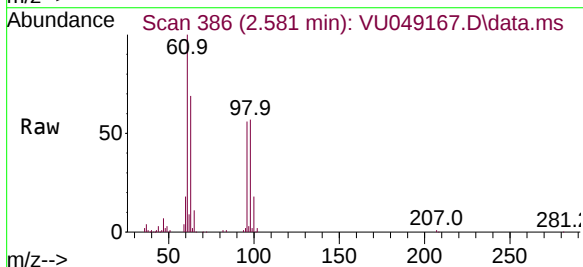
Instrument :
MSVOA_U
ClientSampleId :
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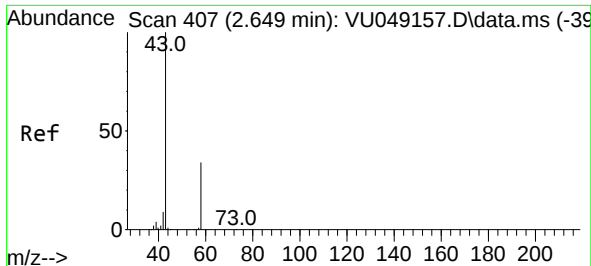
Tgt Ion: 101 Resp: 602
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 5.411 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

Tgt Ion: 96 Resp: 41454
Ion Ratio Lower Upper
96 100
61 177.9 127.2 236.2
63 122.7 94.7 175.9

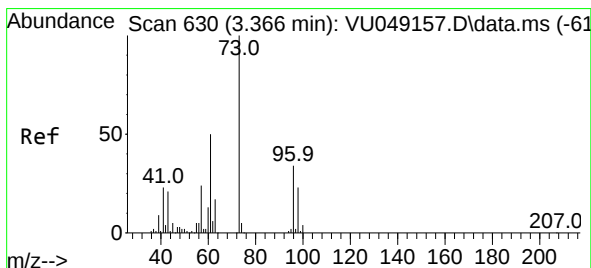
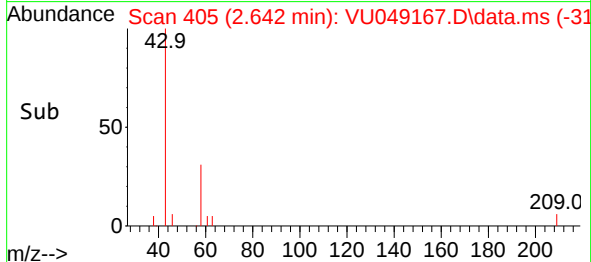
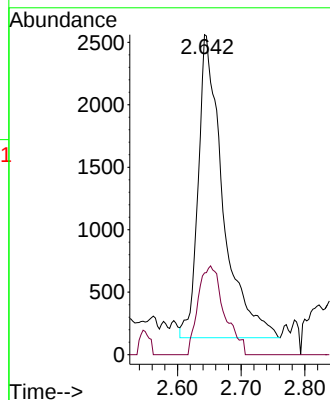
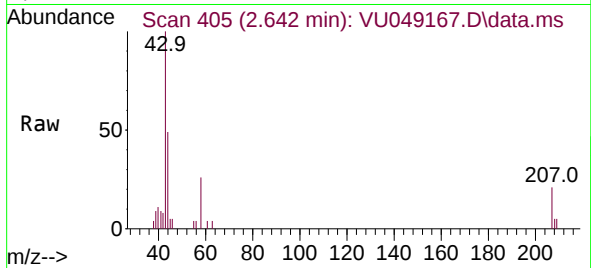




#13
Acetone
Concen: 4.166 ug/L
RT: 2.642 min Scan# 407
Delta R.T. -0.006 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

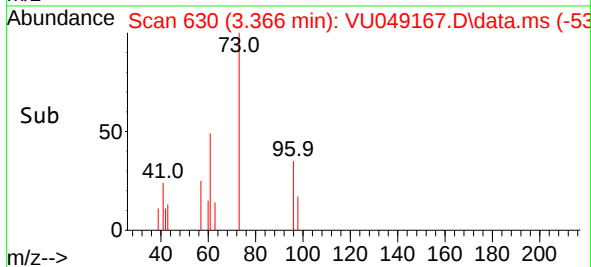
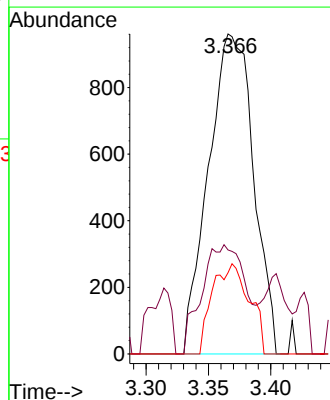
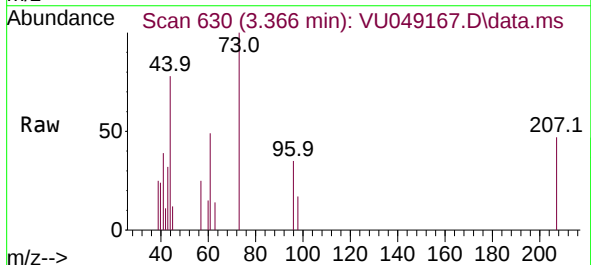
Instrument :
MSVOA_U
ClientSampleId :
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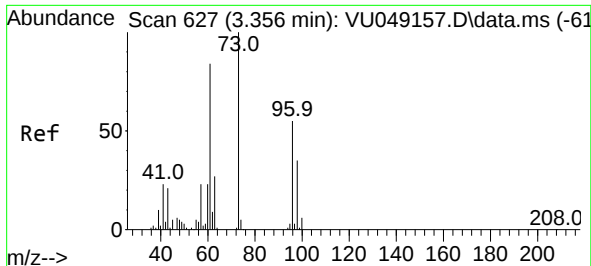
Tgt Ion: 43 Resp: 6555
Ion Ratio Lower Upper
43 100
58 30.9 0.0 65.8



#17
Methyl tert-butyl Ether
Concen: 0.104 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

Tgt Ion: 73 Resp: 2419
Ion Ratio Lower Upper
73 100
43 33.1 16.5 24.7#
57 23.1 18.6 27.8

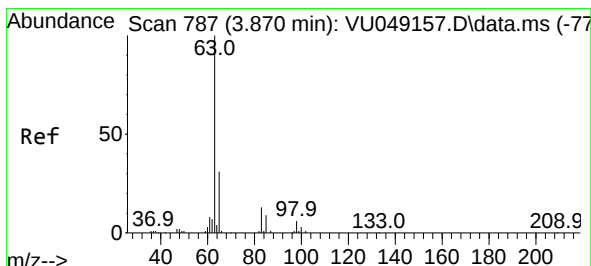
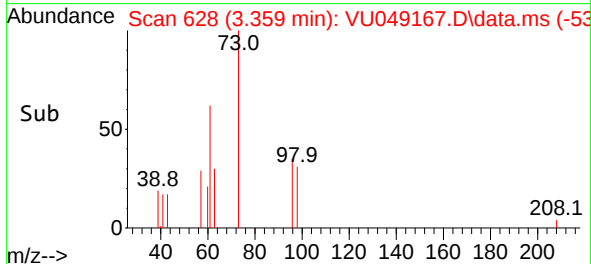
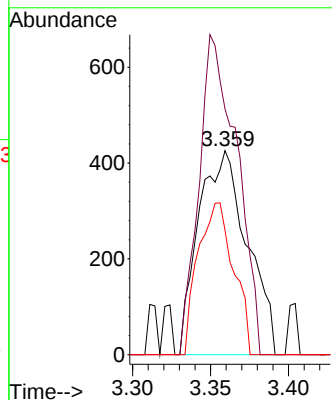
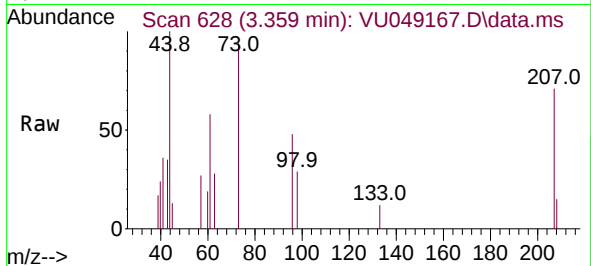




#18
trans-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

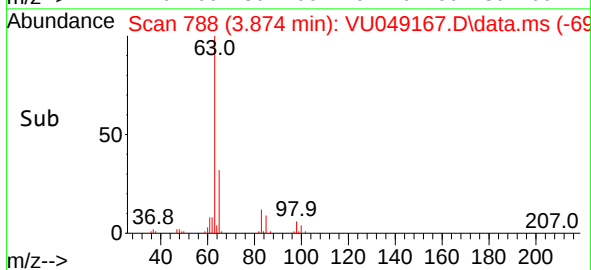
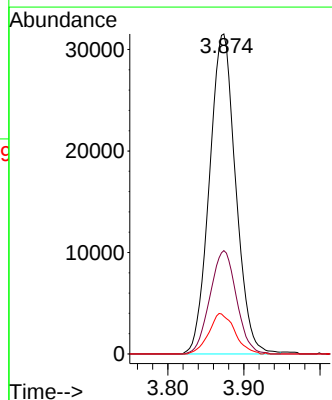
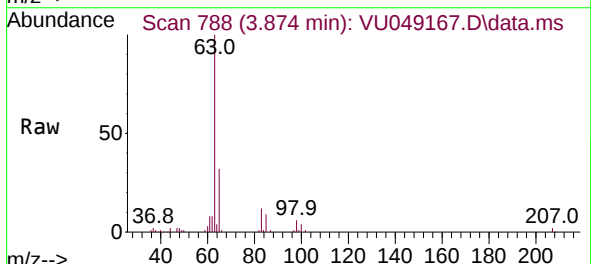
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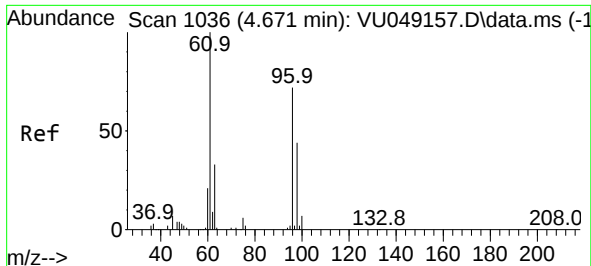
Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 120.4 103.3 191.9
98 61.0 44.0 81.8



#19
1,1-Dichloroethane
Concen: 4.521 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

Tgt Ion: 63 Resp: 75667
Ion Ratio Lower Upper
63 100
65 32.3 24.0 44.6
83 11.8 9.1 16.9

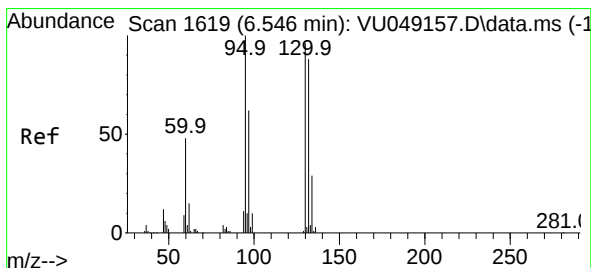
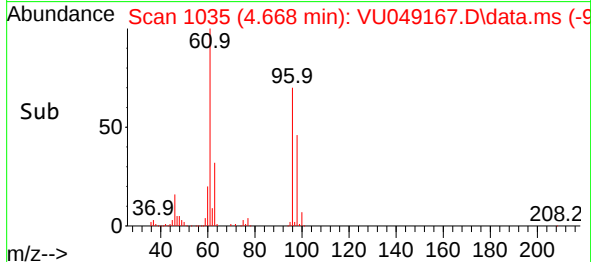
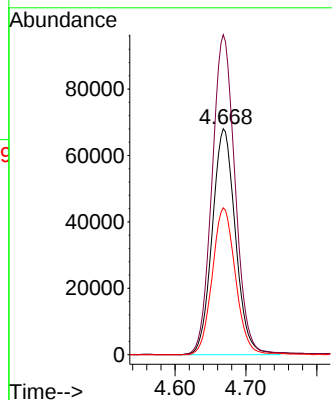
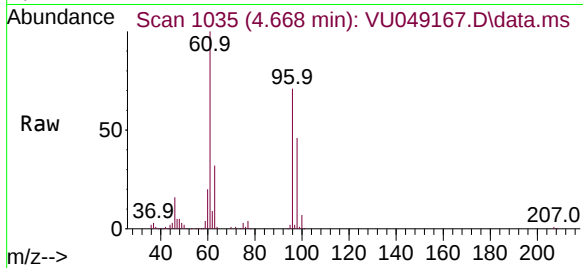




#22
 cis-1,2-Dichloroethene
 Concen: 16.325 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU049167.D
 Acq: 15 Jun 2022 14:00

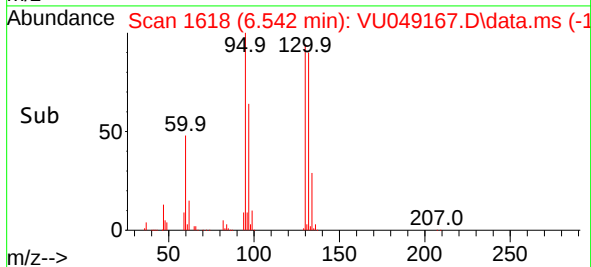
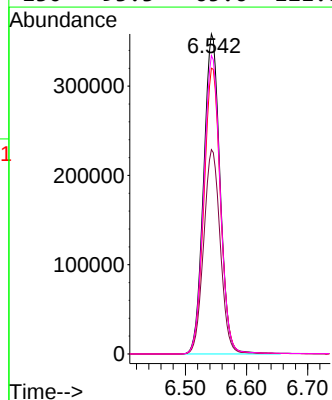
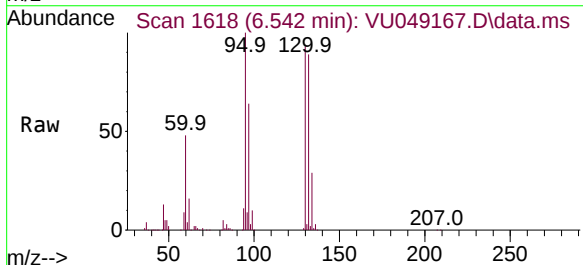
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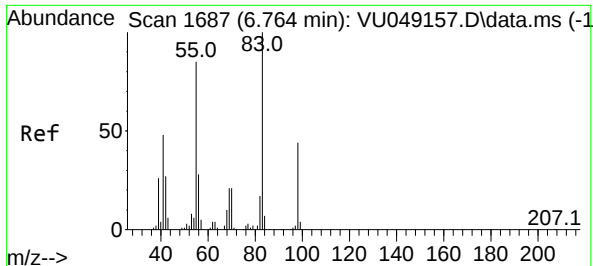
Tgt Ion: 96 Resp: 154985
 Ion Ratio Lower Upper
 96 100
 61 141.6 99.5 184.9
 98 65.0 44.8 83.2



#34
 Trichloroethene
 Concen: 70.005 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU049167.D
 Acq: 15 Jun 2022 14:00

Tgt Ion: 95 Resp: 670352
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.3 84.1
 132 89.3 61.5 114.3
 130 93.3 65.6 121.8

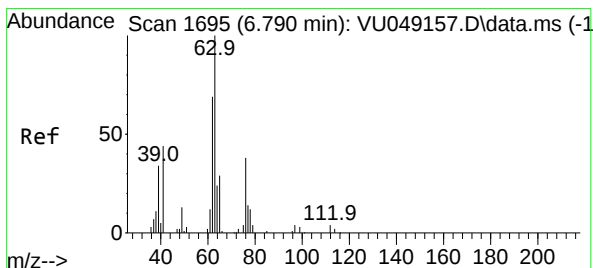
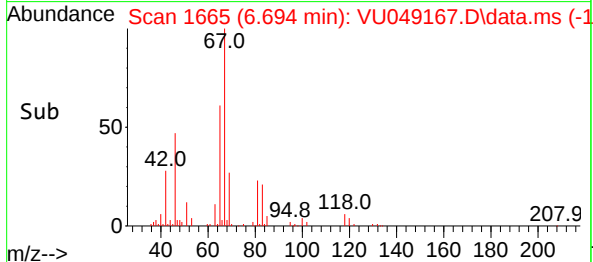
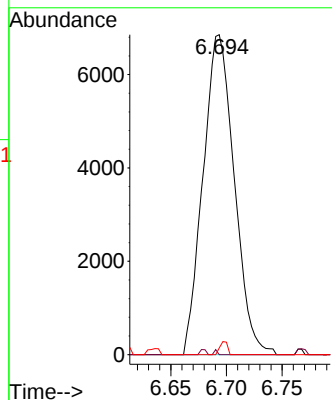
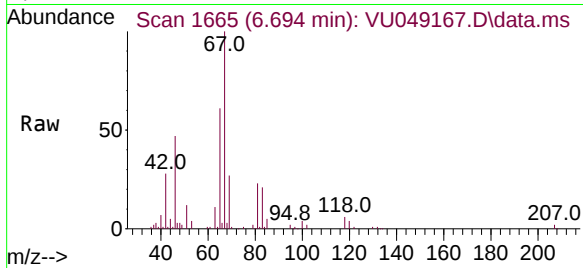




#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

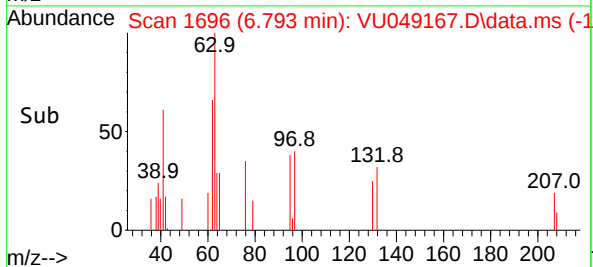
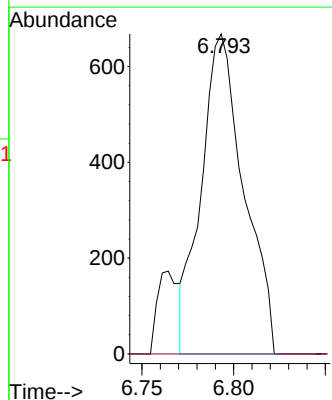
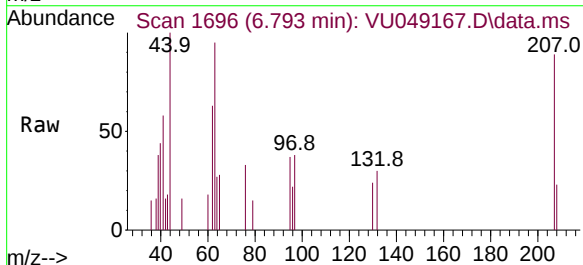
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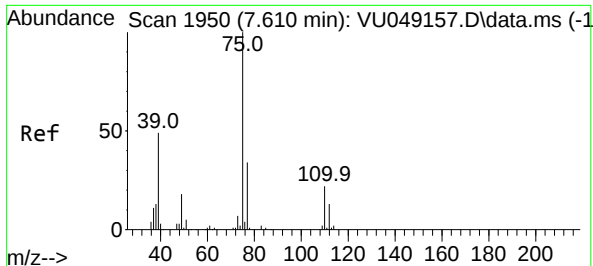
Tgt Ion: 83 Resp: 13386
Ion Ratio Lower Upper
83 100
55 0.2 66.9 100.3#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.105 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU049167.D
Acq: 15 Jun 2022 14:00

Tgt Ion: 63 Resp: 1082
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049167.D

Acq: 15 Jun 2022 14:00

Instrument :

MSVOA_U

ClientSampleId :

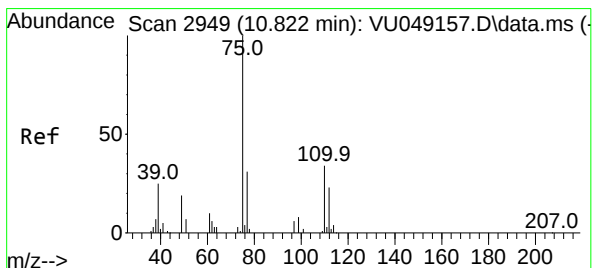
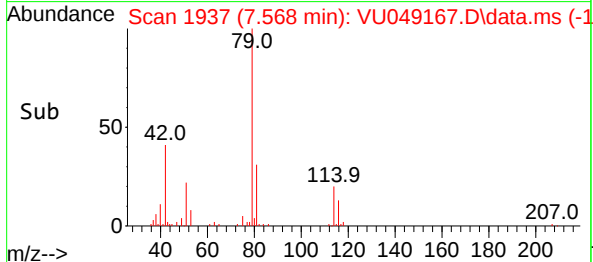
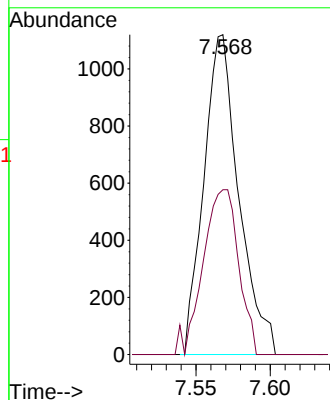
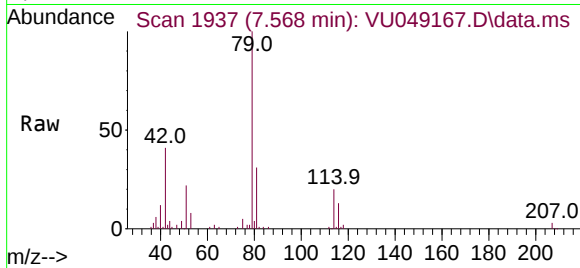
BGJ98

Tgt Ion: 75 Resp: 1831

Ion Ratio Lower Upper

75 100

77 51.5 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.118 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049167.D

Acq: 15 Jun 2022 14:00

Tgt Ion: 75 Resp: 8092

Ion Ratio Lower Upper

75 100

110 2.1 29.0 43.4#

77 36.9 26.2 39.2

