

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049228.D
 Acq On : 17 Jun 2022 00:43
 Operator : SY/MD
 Sample : N3320-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ85

Quant Time: Jun 17 02:36:17 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)

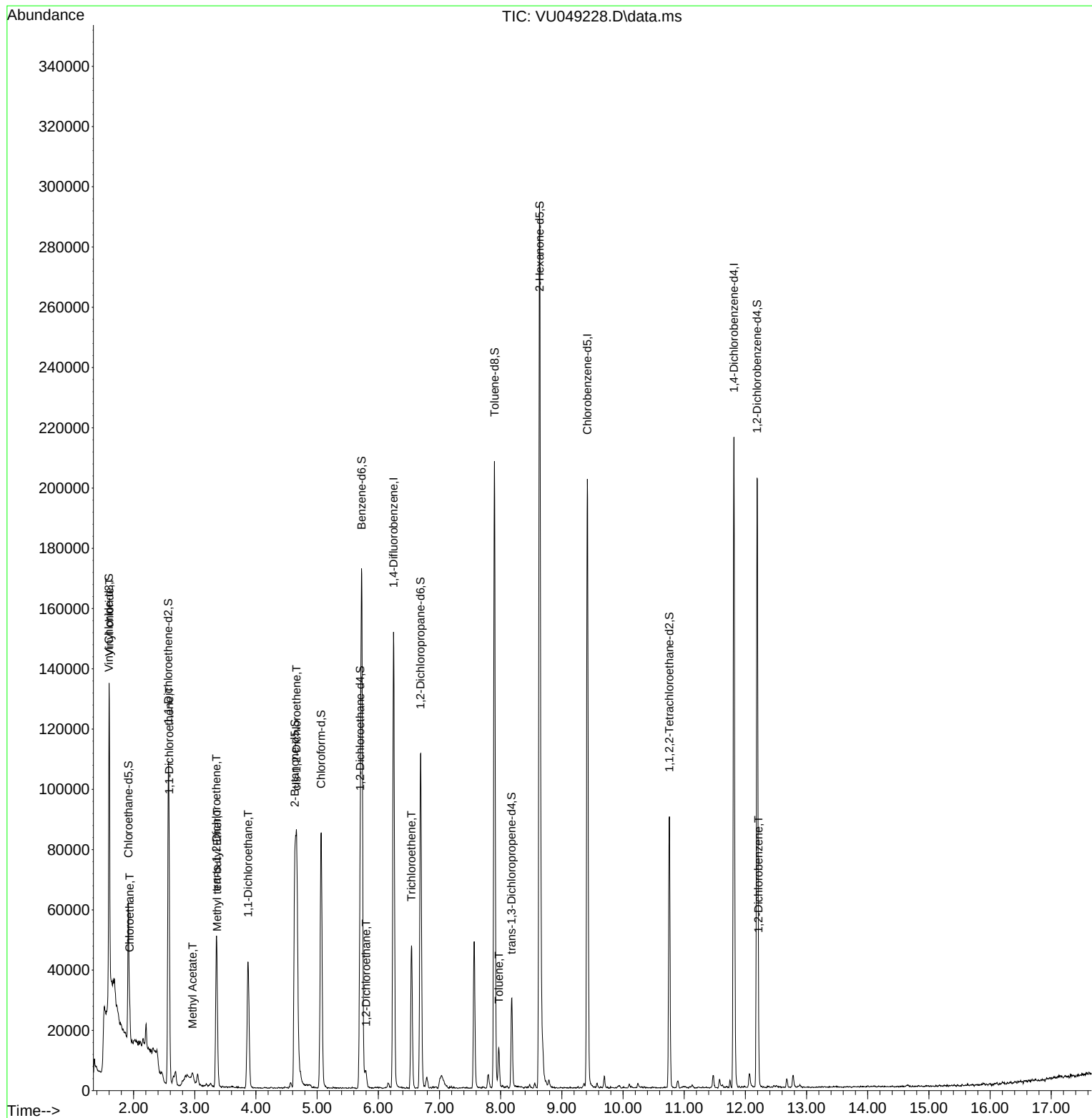
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	117600	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	109642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39932	3.886	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.916	69	31526	4.532	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.568	65	15825	3.829	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	4.636	46	144217	52.563	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.120%	
24) Chloroform-d	5.067	84	77549	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.703	65	43542	4.923	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.729	84	154842	4.688	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.690	67	53975	4.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.899	98	134516	4.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.179	79	17485	3.511	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.200%	
46) 2-Hexanone-d5	8.636	63	101586	50.564	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.120%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44944	5.007	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	52327	4.974	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	35742	3.615	ug/L #	6
8) Chloroethane	1.935	64	7020	1.227	ug/L #	80
12) 1,1-Dichloroethene	2.581	96	13937	2.108	ug/L #	59
15) Methyl Acetate	2.964	43	4587	1.263	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	2389	0.119	ug/L	95
18) trans-1,2-Dichloroethene	3.356	96	19518	2.664	ug/L	98
19) 1,1-Dichloroethane	3.871	63	47462	3.285	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	25094	3.063	ug/L	95
27) 1,2-Dichloroethane	5.800	62	4019	0.421	ug/L #	94
34) Trichloroethene	6.542	95	16253	1.949	ug/L	99
42) Toluene	7.970	91	9461	0.273	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	1334	0.088	ug/L #	73

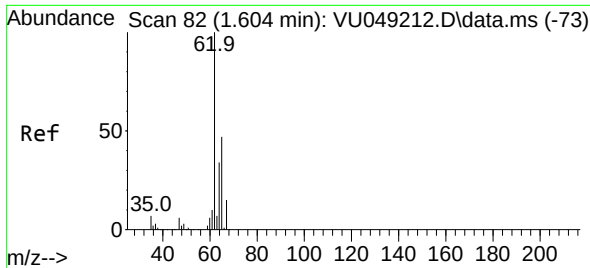
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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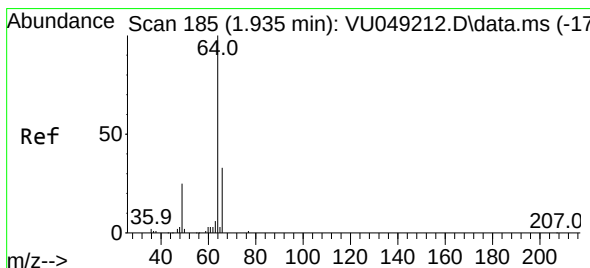
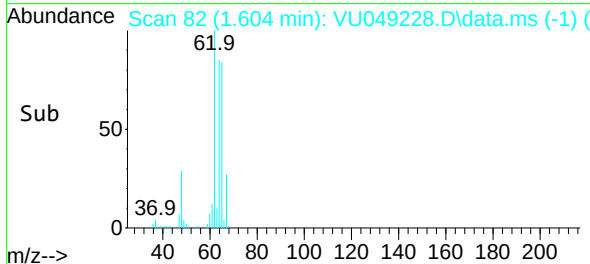
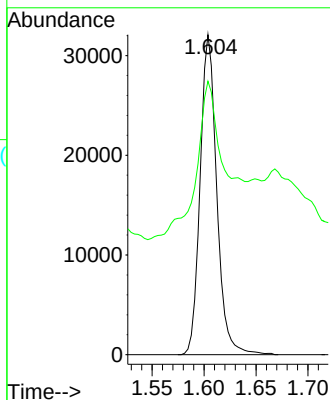
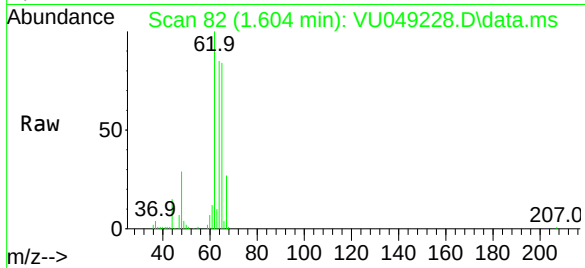




#5
 Vinyl chloride
 Concen: 3.615 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049228.D
 Acq: 17 Jun 2022 00:43

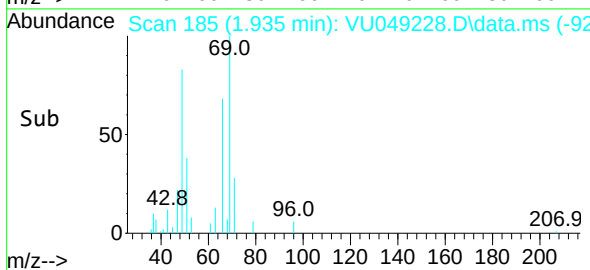
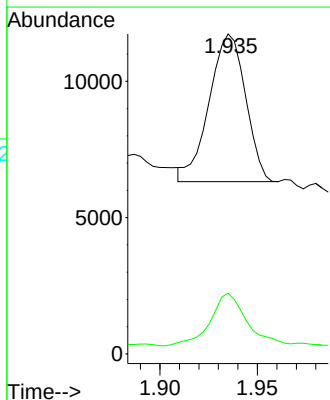
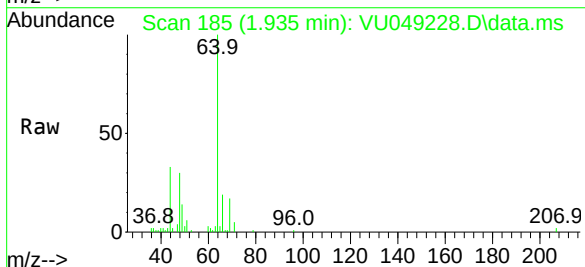
Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ85

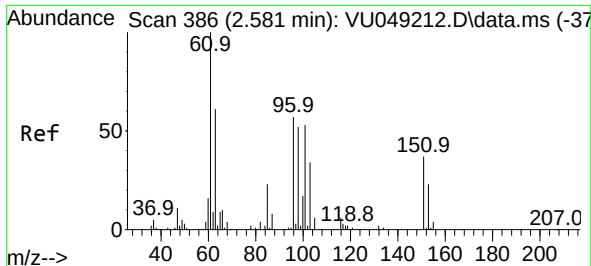
Tgt Ion: 62 Resp: 35742
 Ion Ratio Lower Upper
 62 100
 64 85.5 22.8 42.4#



#8
 Chloroethane
 Concen: 1.227 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU049228.D
 Acq: 17 Jun 2022 00:43

Tgt Ion: 64 Resp: 7020
 Ion Ratio Lower Upper
 64 100
 66 19.0 20.9 38.9#





#12

1,1-Dichloroethene

Concen: 2.108 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU049228.D

Acq: 17 Jun 2022 00:43

Instrument :

MSVOA_U

ClientSampleId :

BGJ85

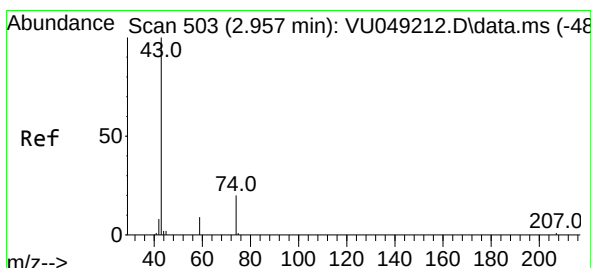
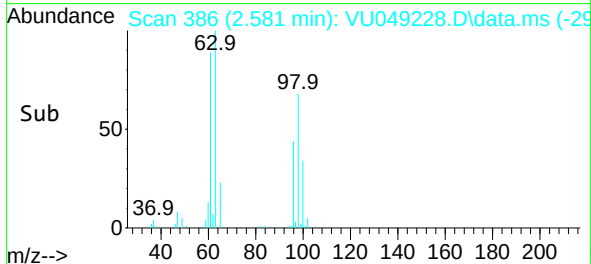
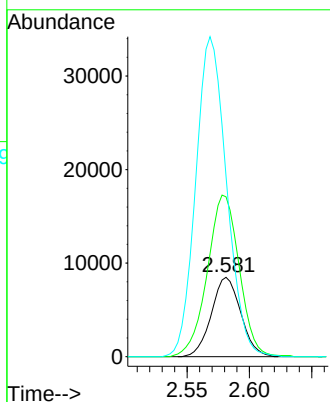
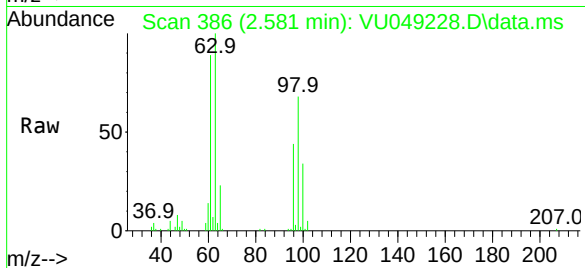
Tgt Ion: 96 Resp: 13937

Ion Ratio Lower Upper

96 100

61 201.1 127.2 236.2

63 226.9 94.7 175.9#



#15

Methyl Acetate

Concen: 1.263 ug/L

RT: 2.964 min Scan# 505

Delta R.T. 0.006 min

Lab File: VU049228.D

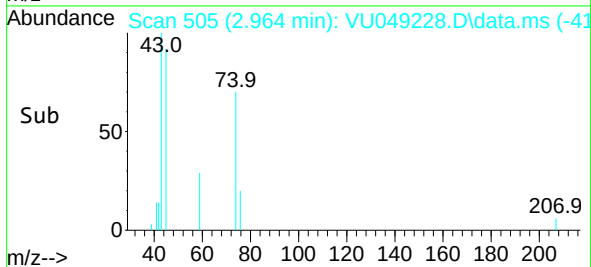
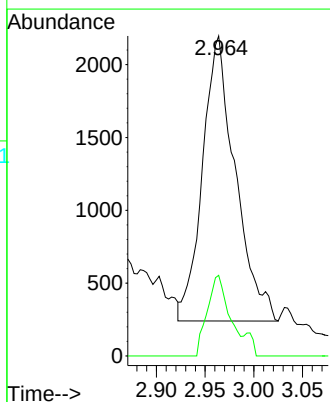
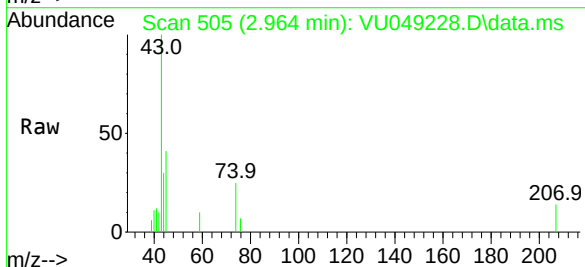
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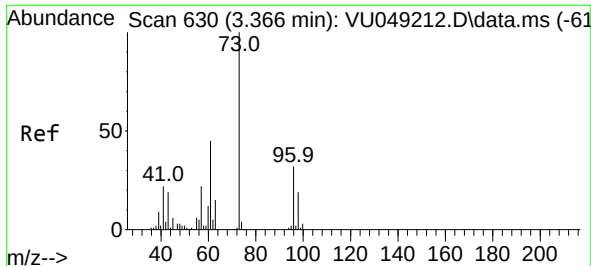
Tgt Ion: 43 Resp: 4587

Ion Ratio Lower Upper

43 100

74 19.3 17.6 26.4

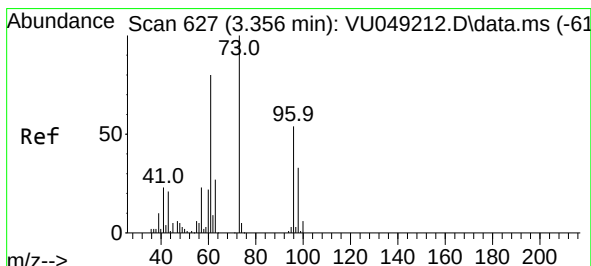
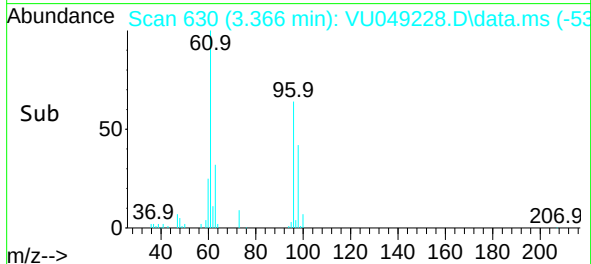
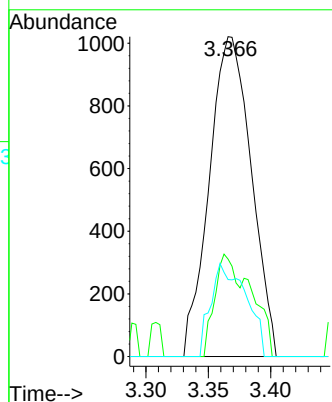
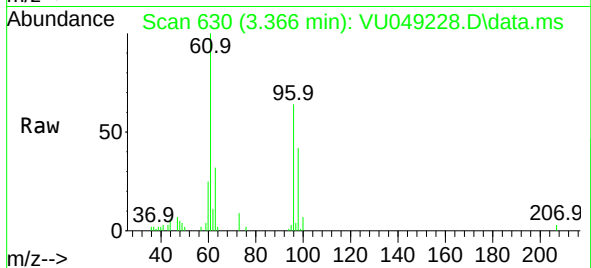




#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049228.D
Acq: 17 Jun 2022 00:43

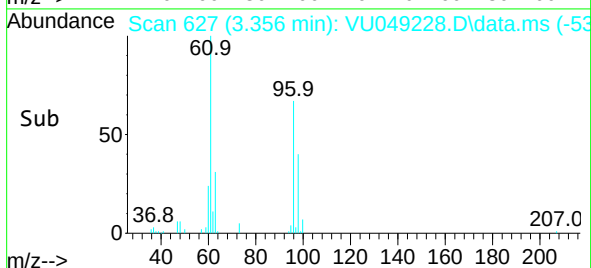
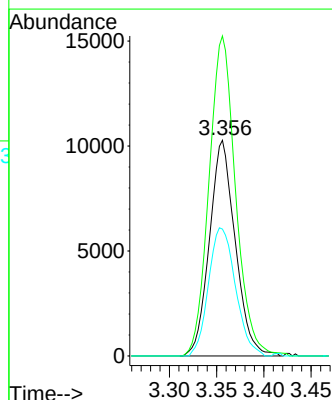
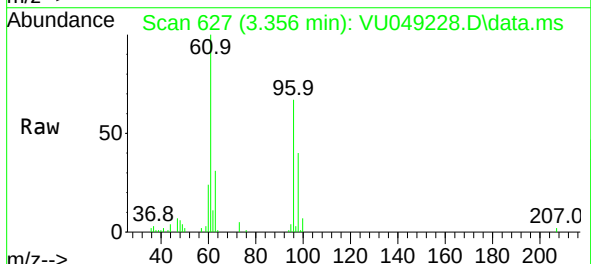
Instrument :
MSVOA_U
ClientSampleId :
BGJ85

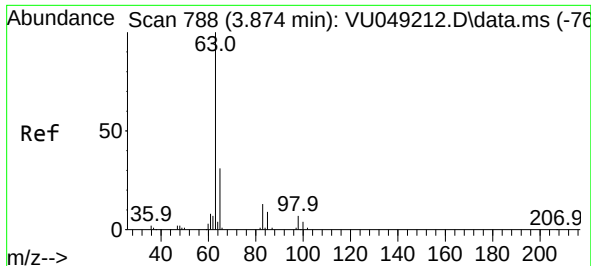
Tgt Ion: 73 Resp: 2389
Ion Ratio Lower Upper
73 100
43 17.2 16.5 24.7
57 24.5 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 2.664 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU049228.D
Acq: 17 Jun 2022 00:43

Tgt Ion: 96 Resp: 19518
Ion Ratio Lower Upper
96 100
61 148.4 103.3 191.9
98 58.9 44.0 81.8

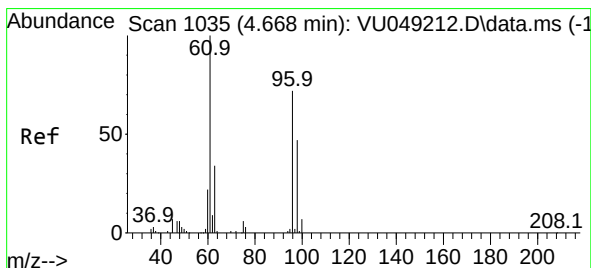
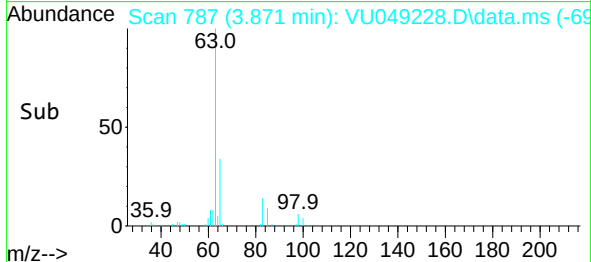
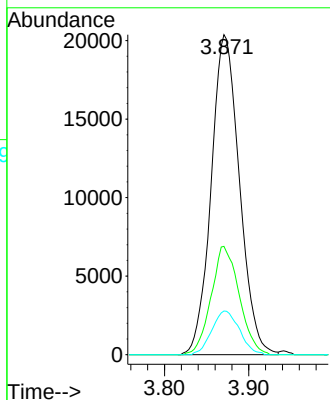
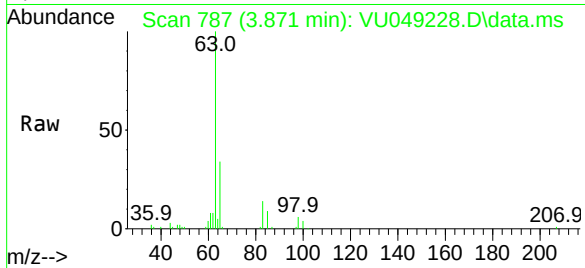




#19
1,1-Dichloroethane
Concen: 3.285 ug/L
RT: 3.871 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU049228.D
Acq: 17 Jun 2022 00:43

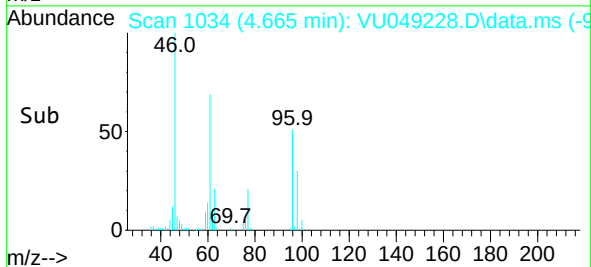
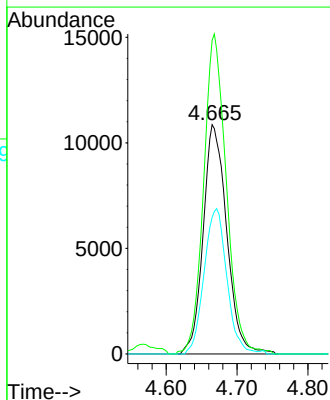
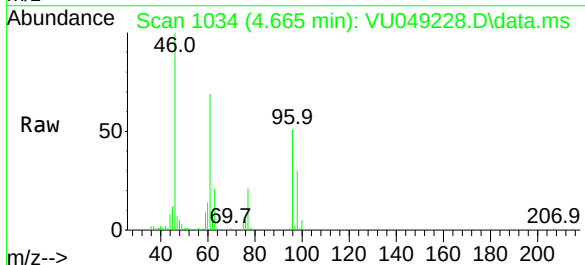
Instrument :
MSVOA_U
ClientSampleId :
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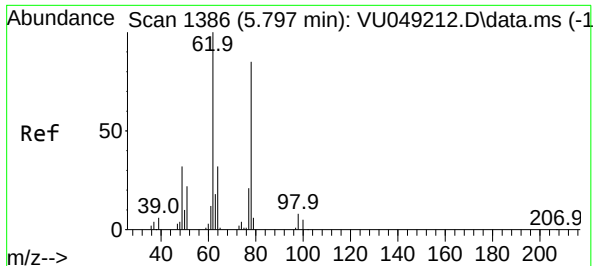
Tgt Ion: 63 Resp: 47462
Ion Ratio Lower Upper
63 100
65 33.8 24.0 44.6
83 13.7 9.1 16.9



#22
cis-1,2-Dichloroethene
Concen: 3.063 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU049228.D
Acq: 17 Jun 2022 00:43

Tgt Ion: 96 Resp: 25094
Ion Ratio Lower Upper
96 100
61 136.8 99.5 184.9
98 59.6 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.421 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049228.D

Acq: 17 Jun 2022 00:43

Instrument :

MSVOA_U

ClientSampleId :

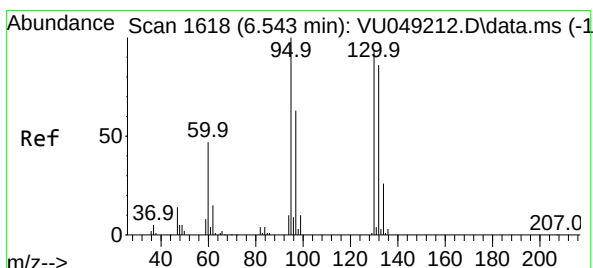
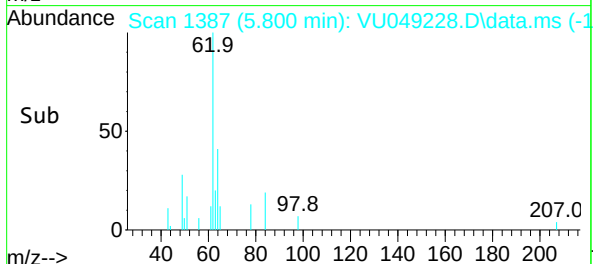
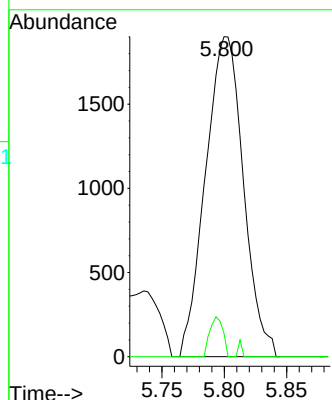
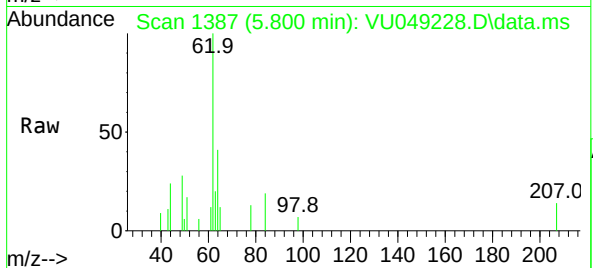
BGJ85

Tgt Ion: 62 Resp: 4019

Ion Ratio Lower Upper

62 100

98 7.3 7.6 11.4#



#34

Trichloroethene

Concen: 1.949 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049228.D

Acq: 17 Jun 2022 00:43

Tgt Ion: 95 Resp: 16253

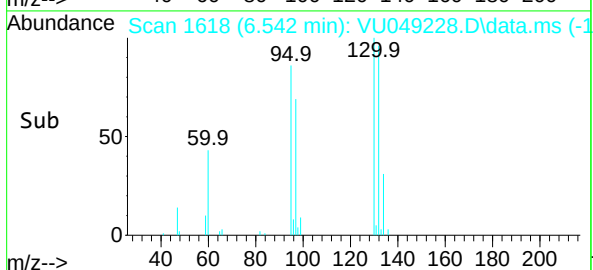
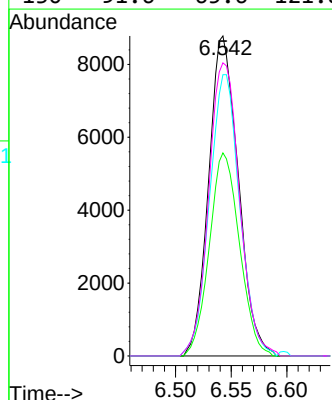
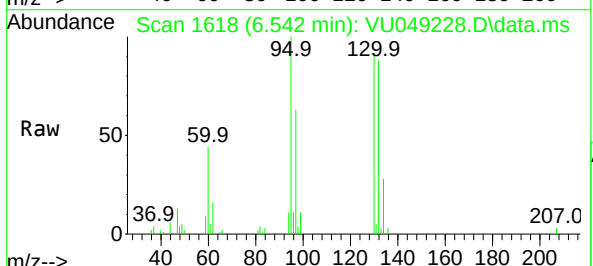
Ion Ratio Lower Upper

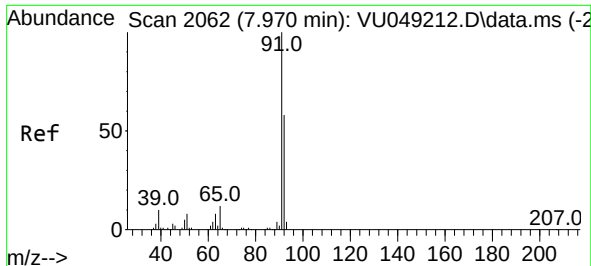
95 100

97 63.5 45.3 84.1

132 87.9 61.5 114.3

130 91.6 65.6 121.8





#42

Toluene

Concen: 0.273 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049228.D

Acq: 17 Jun 2022 00:43

Instrument :

MSVOA_U

ClientSampleId :

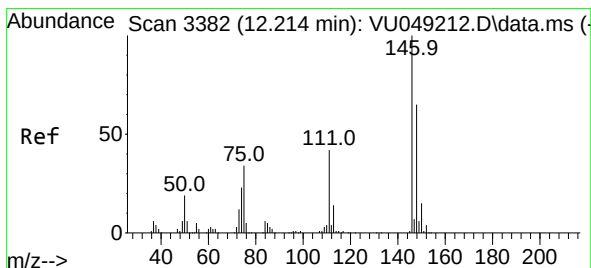
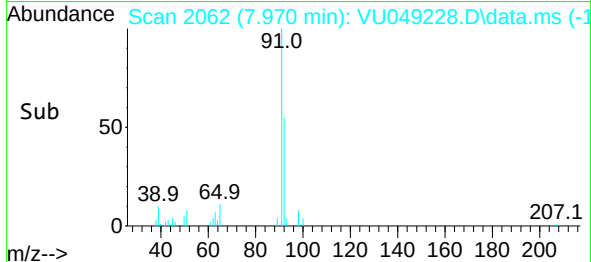
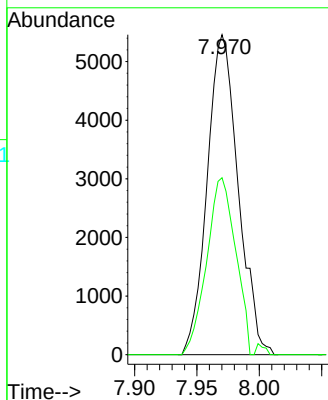
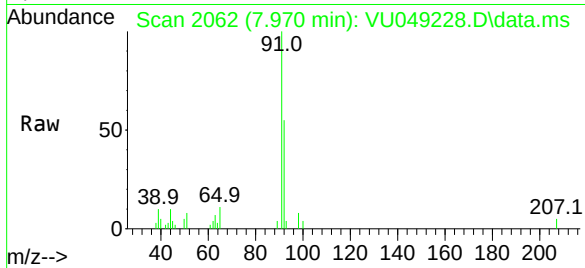
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Tgt Ion: 91 Resp: 9461

Ion Ratio Lower Upper

91 100

92 55.3 40.0 74.2



#67

1,2-Dichlorobenzene

Concen: 0.088 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU049228.D

Acq: 17 Jun 2022 00:43

Tgt Ion: 146 Resp: 1334

Ion Ratio Lower Upper

146 100

111 55.9 36.6 55.0#

148 92.7 52.2 78.4#

