

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049169.D
 Acq On : 15 Jun 2022 14:48
 Operator : SY/MD
 Sample : N3288-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ97

Quant Time: Jun 16 04:49:06 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	107432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	101726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	52181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39286	4.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.912	69	30730	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.568	65	16163	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.626	46	163619	65.279	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.560%#
24) Chloroform-d	5.066	84	74428	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.703	65	46512	5.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.729	84	151159	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.693	67	52588	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.899	98	132108	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.182	79	22563	4.883	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.635	63	115776	62.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49792	5.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	51503	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	13672	1.514	ug/L #	1
8) Chloroethane	1.935	64	7331	1.402	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	908	0.146	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	236055	39.077	ug/L #	73
13) Acetone	2.632	43	37795	30.467	ug/L	99
14) Carbon disulfide	2.793	76	9160	0.459	ug/L	100
15) Methyl Acetate	2.954	43	3372	1.016	ug/L #	90
17) Methyl tert-butyl Ether	3.366	73	2082	0.114	ug/L #	79
18) trans-1,2-Dichloroethene	3.362	96	1246	0.186	ug/L	73
19) 1,1-Dichloroethane	3.870	63	158713	12.026	ug/L	96
21) 2-Butanone	4.713	43	18521	7.830	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	109701	14.655	ug/L	98
27) 1,2-Dichloroethane	5.796	62	869	0.100	ug/L #	74
34) Trichloroethene	6.542	95	1484505	191.859	ug/L	99
35) Methylcyclohexane	6.697	83	12060	0.929	ug/L #	16
37) 1,2-Dichloropropane	6.790	63	6103	0.734	ug/L #	91
39) cis-1,3-Dichloropropene	7.568	75	1617	0.128	ug/L #	54
61) 1,2,3-Trichloropropane	11.815	75	6834	1.167	ug/L #	69

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 04:45:30 2022
Response via : Initial Calibration

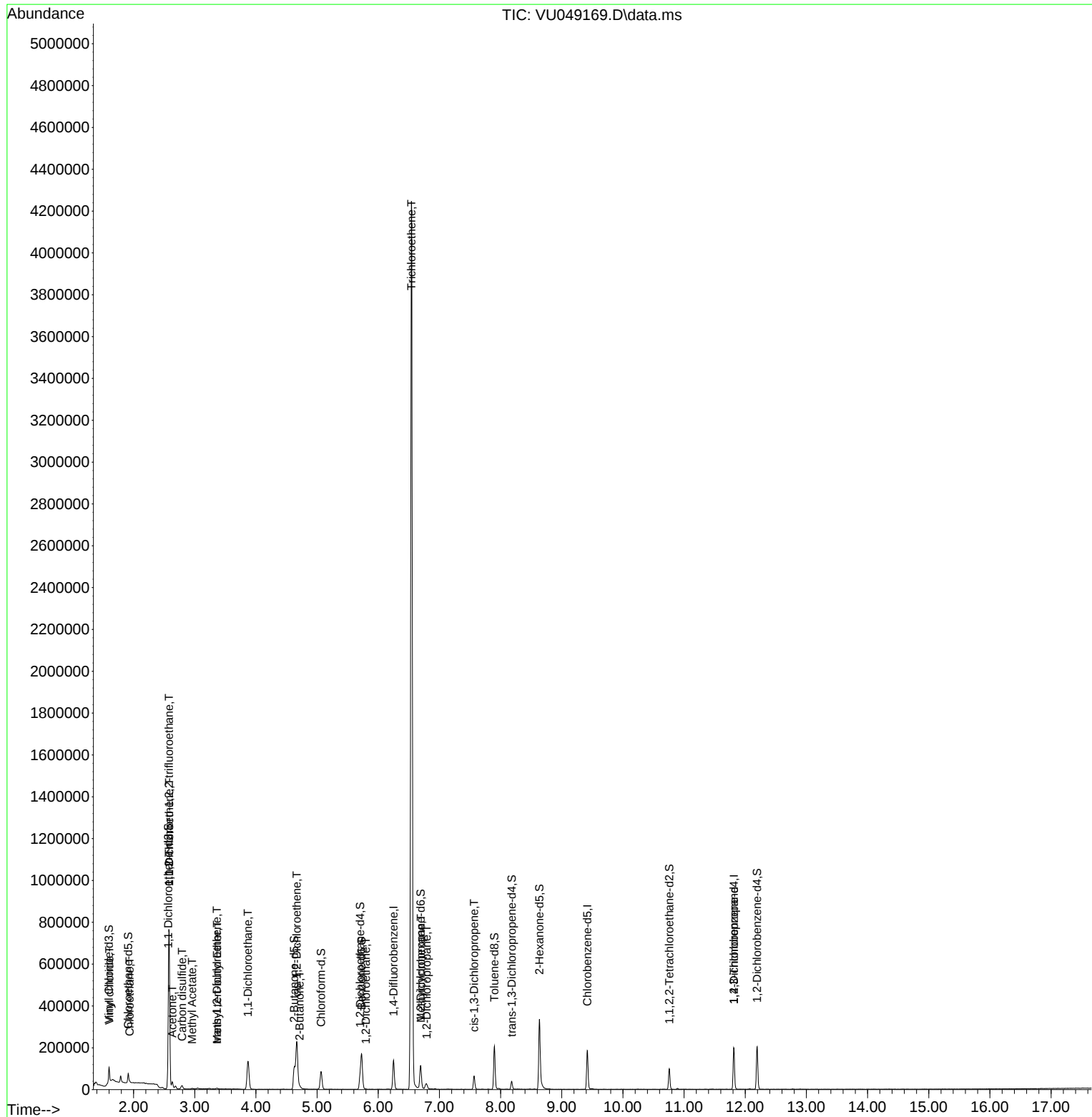
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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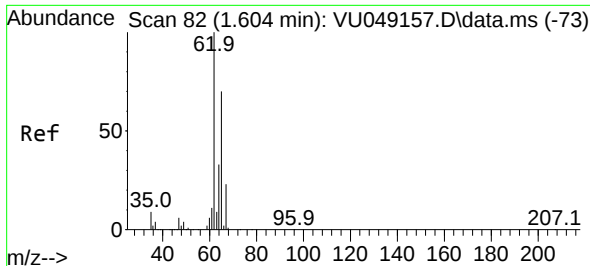
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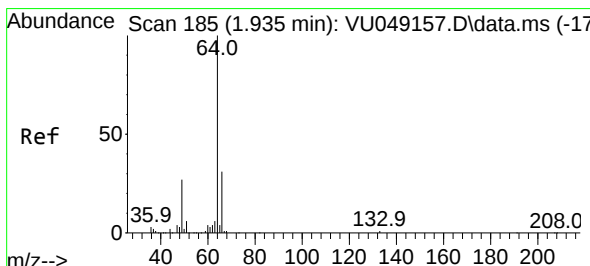
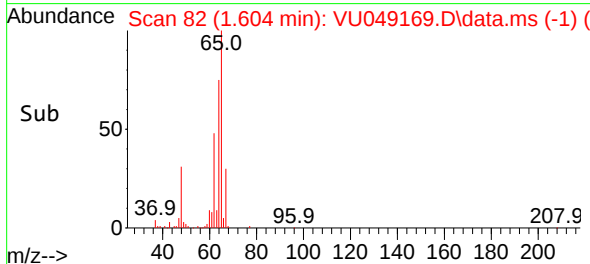
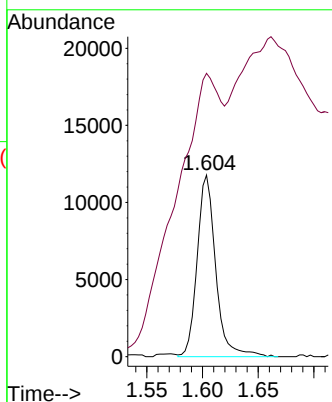
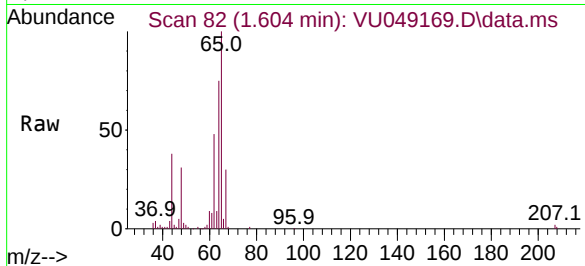




#5
 Vinyl chloride
 Concen: 1.514 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049169.D
 Acq: 15 Jun 2022 14:48

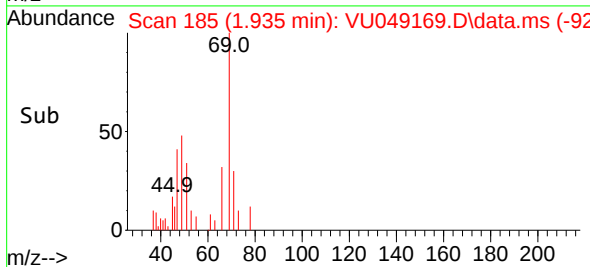
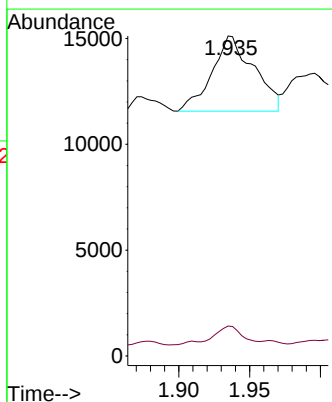
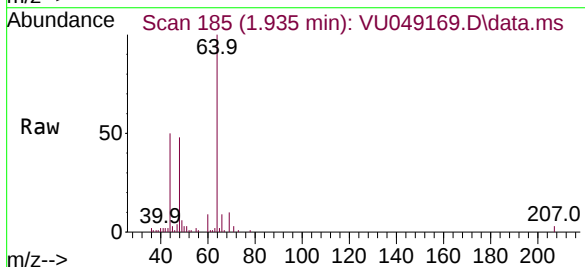
Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ97

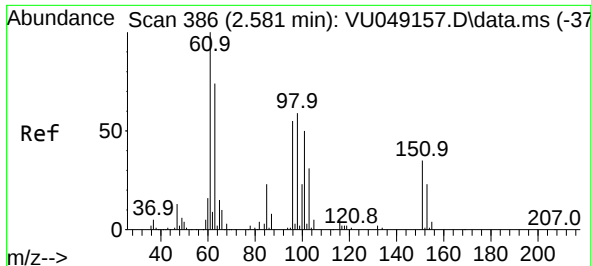
Tgt Ion: 62 Resp: 13672
 Ion Ratio Lower Upper
 62 100
 64 156.1 22.8 42.4#



#8
 Chloroethane
 Concen: 1.402 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU049169.D
 Acq: 15 Jun 2022 14:48

Tgt Ion: 64 Resp: 7331
 Ion Ratio Lower Upper
 64 100
 66 9.4 20.9 38.9#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.146 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU049169.D

Acq: 15 Jun 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

BGJ97

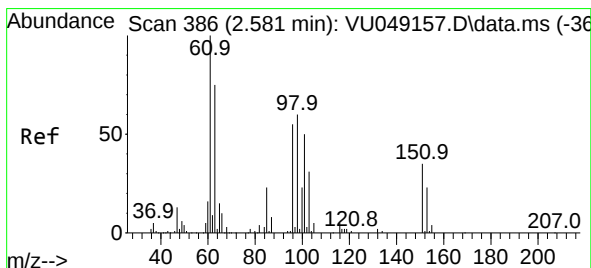
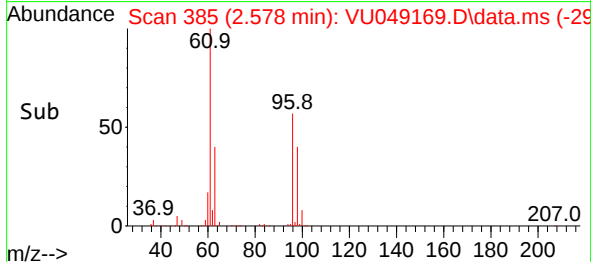
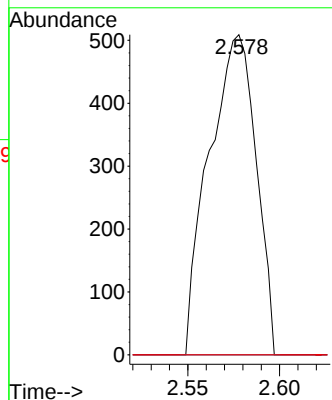
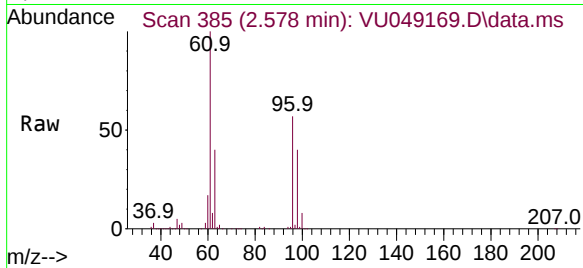
Tgt Ion:101 Resp: 908

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: 39.077 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU049169.D

Acq: 15 Jun 2022 14:48

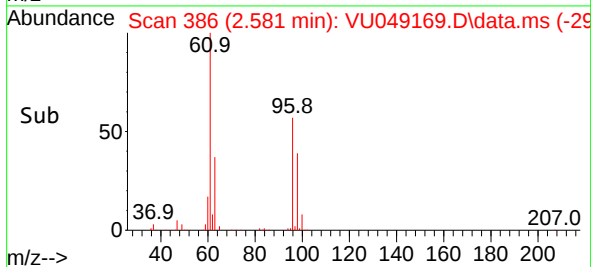
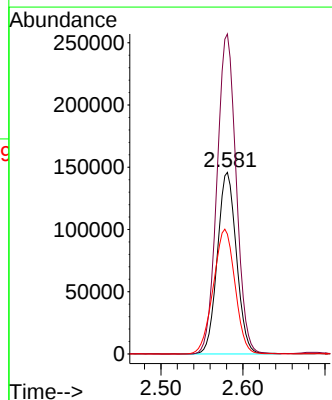
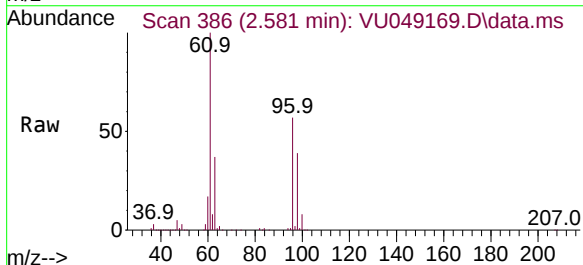
Tgt Ion: 96 Resp: 236055

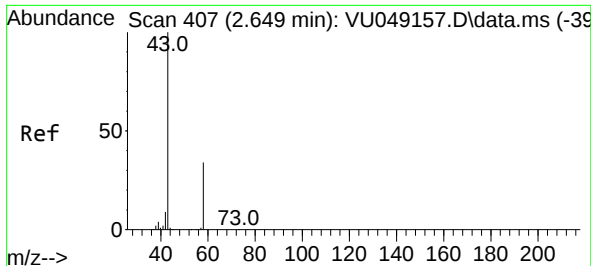
Ion Ratio Lower Upper

96 100

61 176.2 127.2 236.2

63 66.0 94.7 175.9#





#13

Acetone

Concen: 30.467 ug/L

RT: 2.632 min Scan# 407

Delta R.T. -0.016 min

Lab File: VU049169.D

Acq: 15 Jun 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

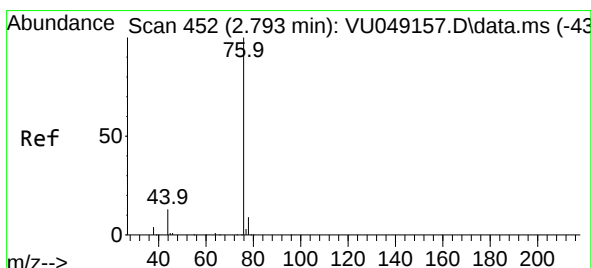
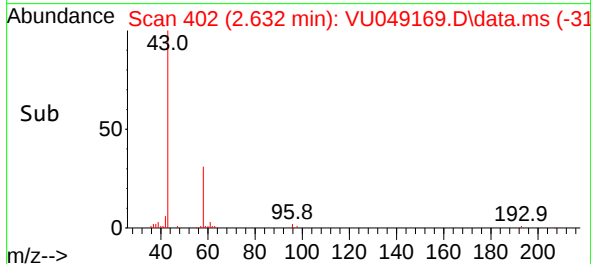
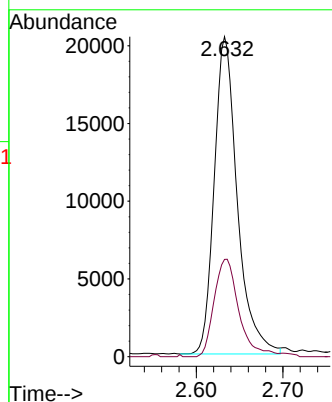
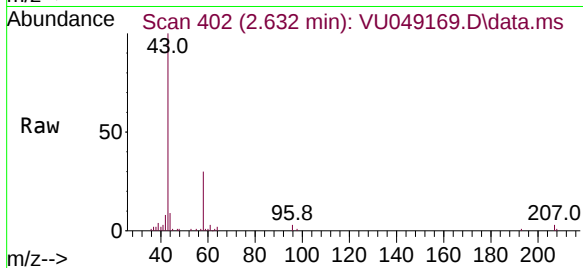
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Tgt Ion: 43 Resp: 37795

Ion Ratio Lower Upper

43 100

58 33.5 0.0 65.8



#14

Carbon disulfide

Concen: 0.459 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049169.D

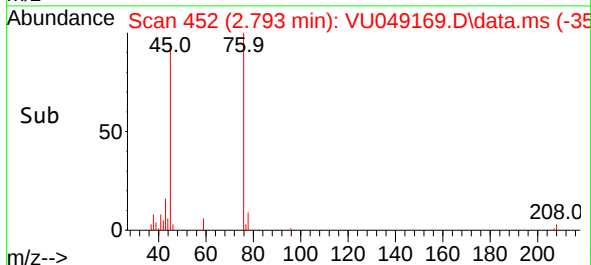
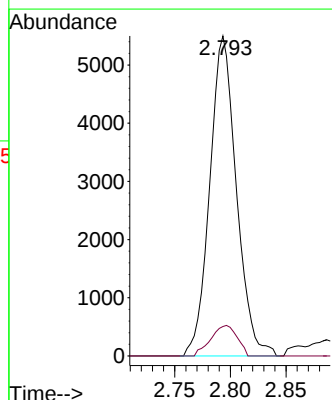
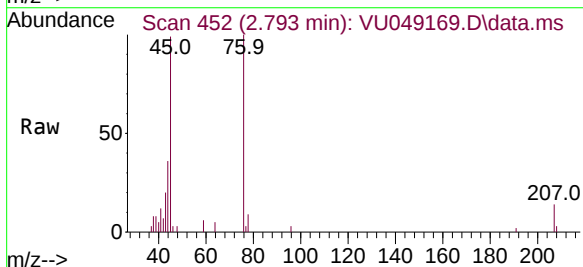
Acq: 15 Jun 2022 14:48

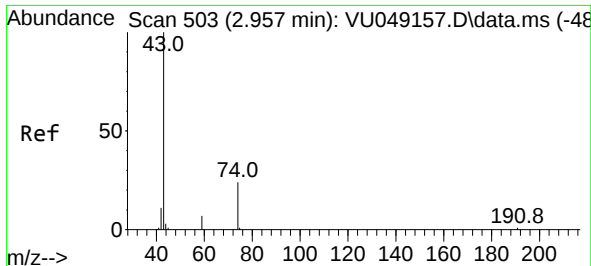
Tgt Ion: 76 Resp: 9160

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

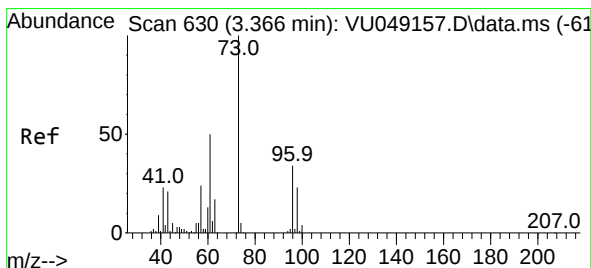
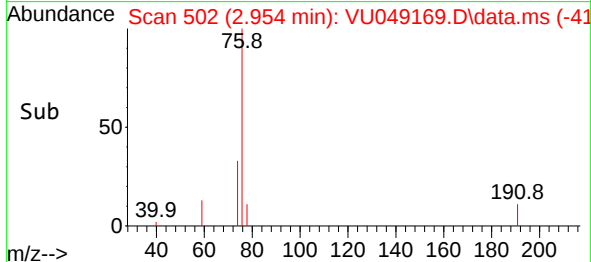
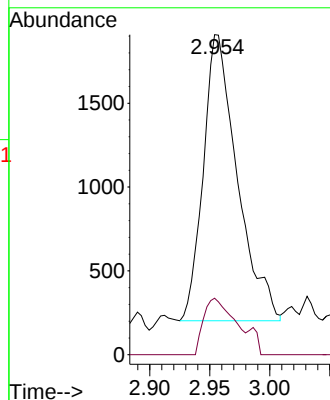
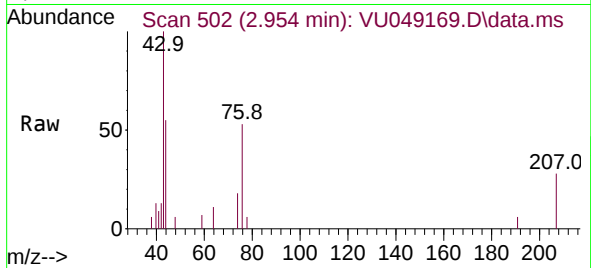




#15
Methyl Acetate
Concen: 1.016 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

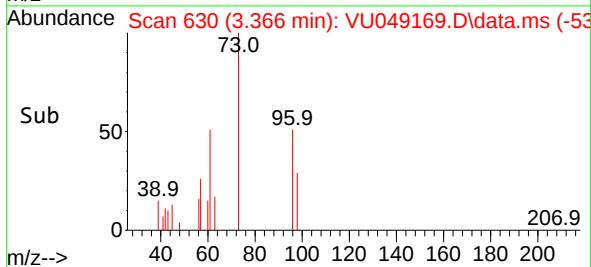
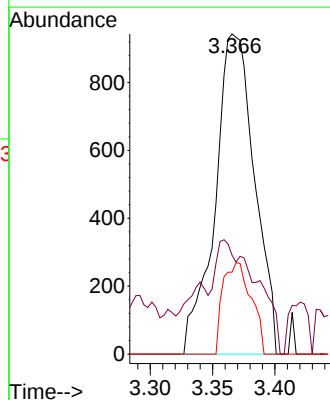
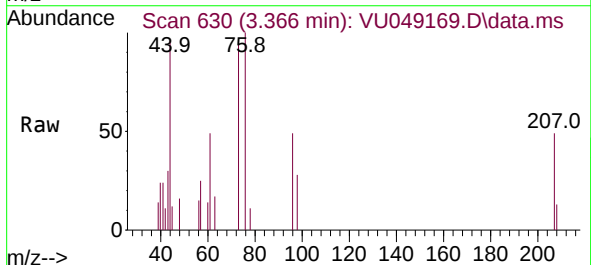
Instrument :
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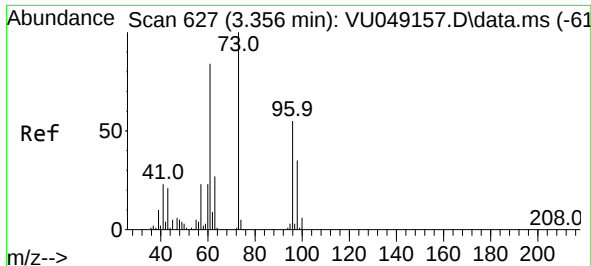
Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
74 17.4 17.6 26.4#



#17
Methyl tert-butyl Ether
Concen: 0.114 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

Tgt Ion: 73 Resp: 2082
Ion Ratio Lower Upper
73 100
43 38.0 16.5 24.7#
57 20.4 18.6 27.8

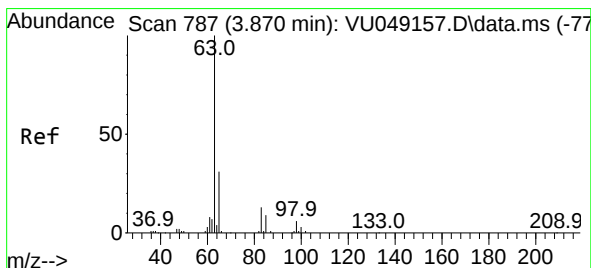
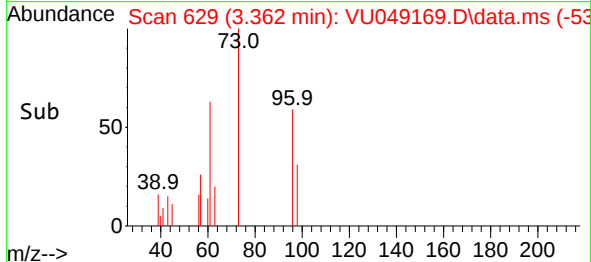
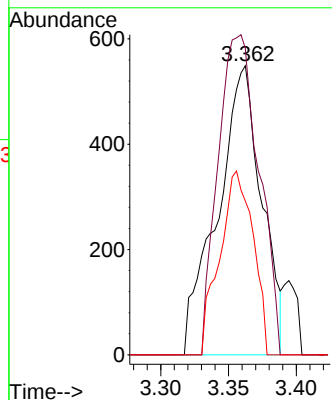
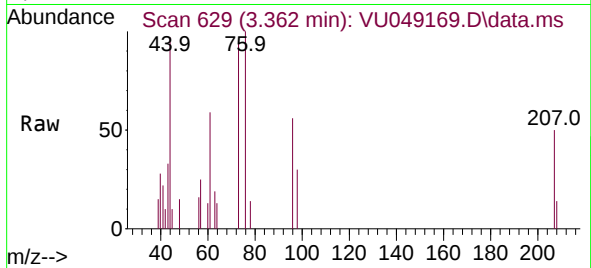




#18
trans-1,2-Dichloroethene
Concen: 0.186 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

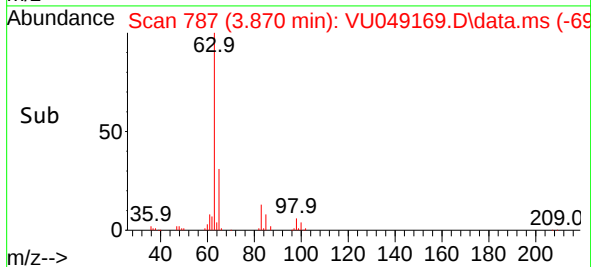
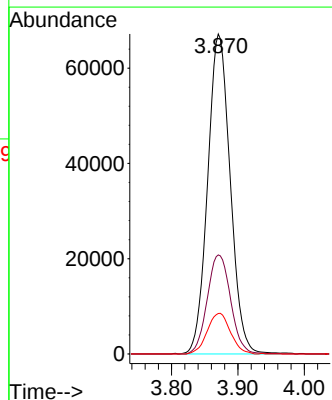
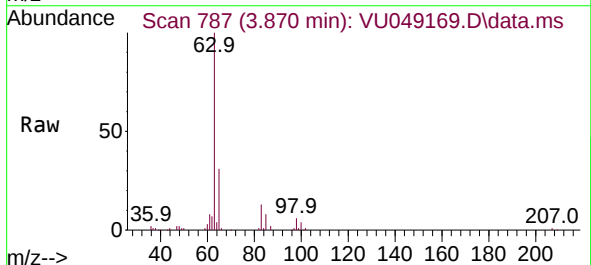
Instrument :
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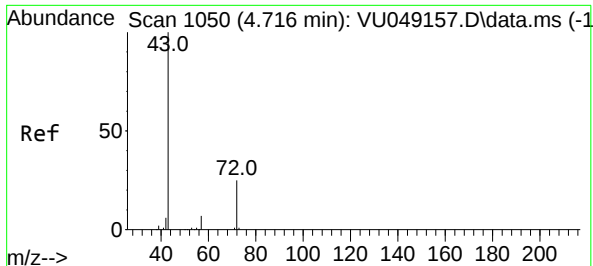
Tgt Ion: 96 Resp: 1246
Ion Ratio Lower Upper
96 100
61 106.0 103.3 191.9
98 53.2 44.0 81.8



#19
1,1-Dichloroethane
Concen: 12.026 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

Tgt Ion: 63 Resp: 158713
Ion Ratio Lower Upper
63 100
65 31.0 24.0 44.6
83 12.7 9.1 16.9

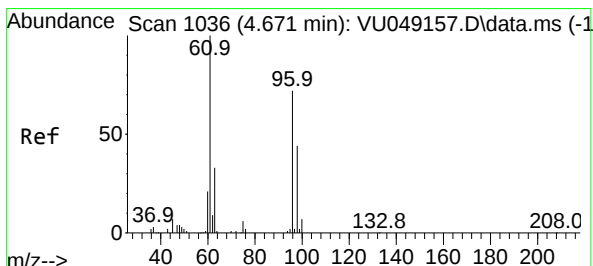
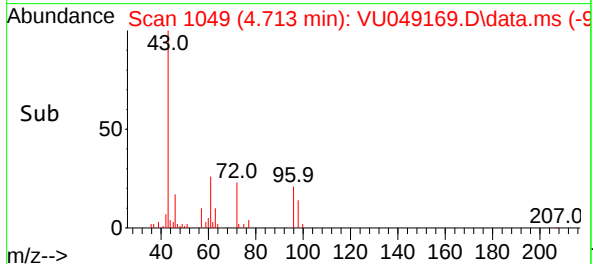
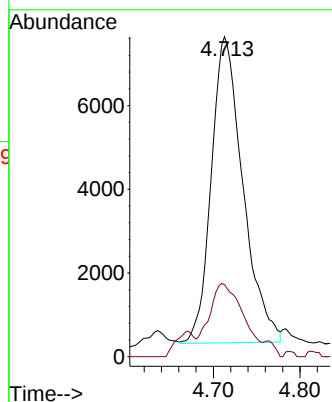
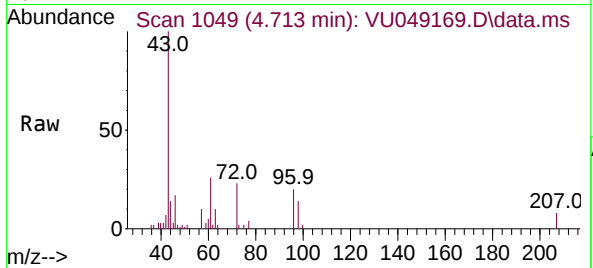




#21
2-Butanone
Concen: 7.830 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

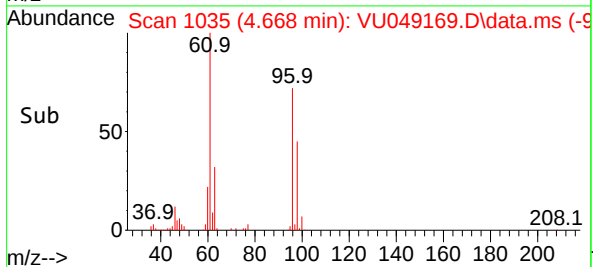
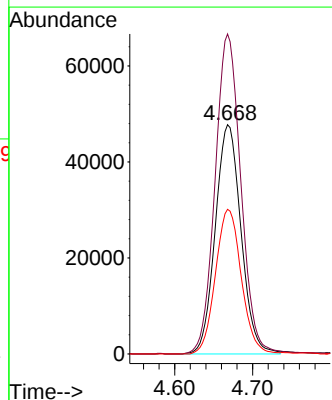
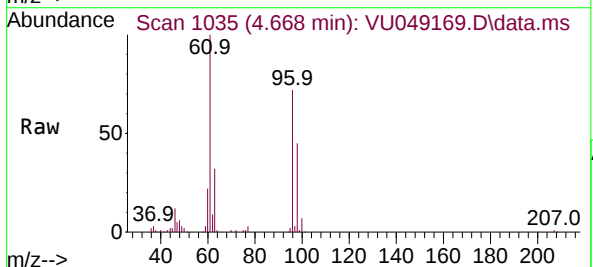
Instrument :
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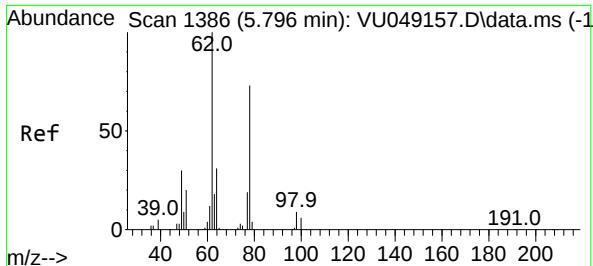
Tgt Ion: 43 Resp: 18521
Ion Ratio Lower Upper
43 100
72 20.2 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 14.655 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

Tgt Ion: 96 Resp: 109701
Ion Ratio Lower Upper
96 100
61 139.6 99.5 184.9
98 63.1 44.8 83.2

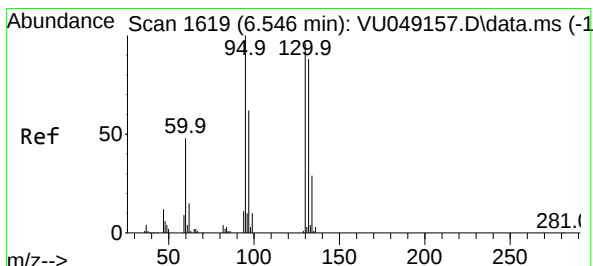
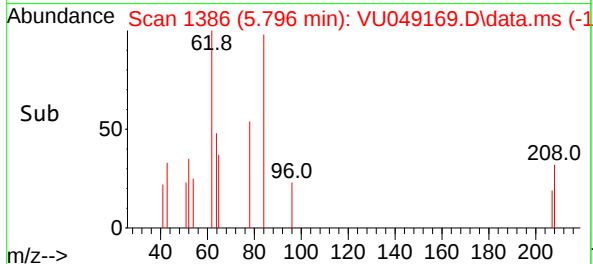
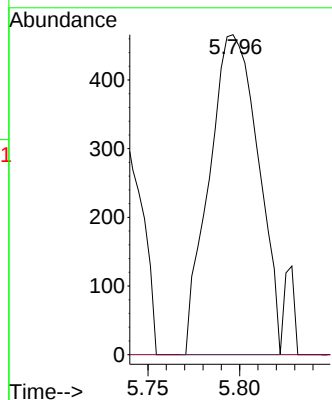
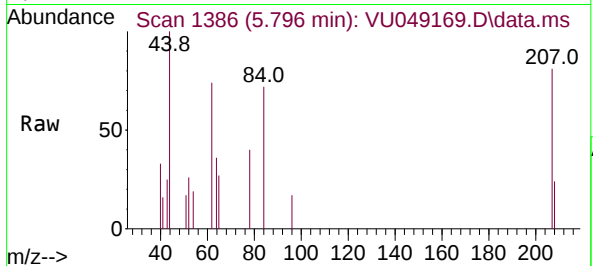




#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.796 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

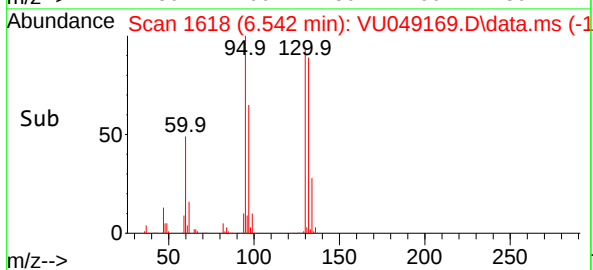
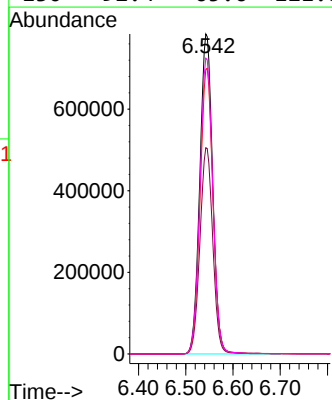
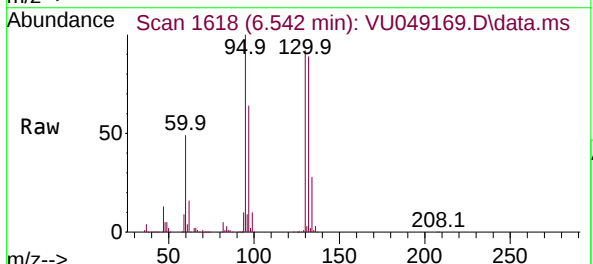
Instrument :
MSVOA_U
ClientSampleId :
BGJ97

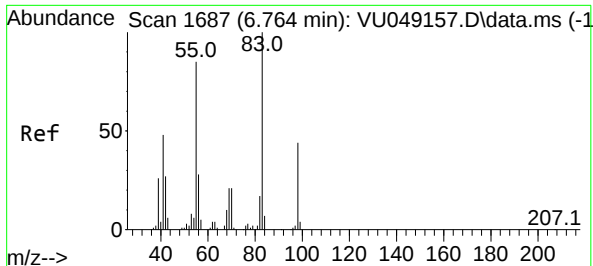
Tgt Ion: 62 Resp: 869
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



#34
Trichloroethene
Concen: 191.859 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

Tgt Ion: 95 Resp: 1484505
Ion Ratio Lower Upper
95 100
97 64.4 45.3 84.1
132 88.9 61.5 114.3
130 92.4 65.6 121.8

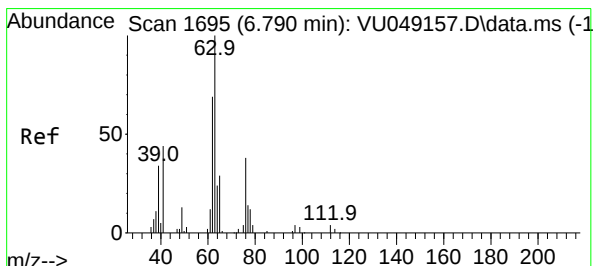
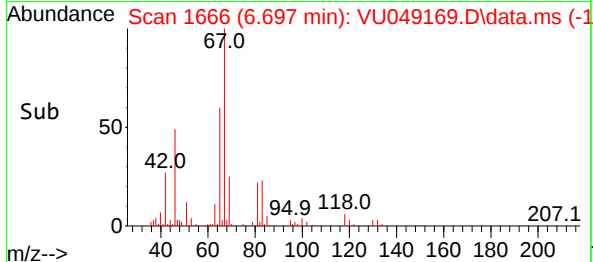
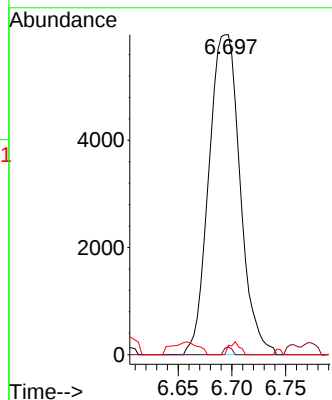
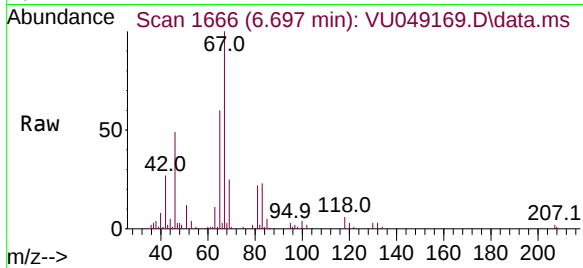




#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.068 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

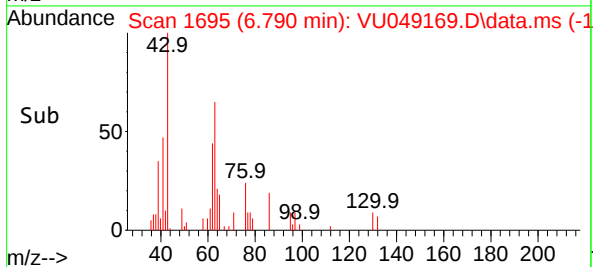
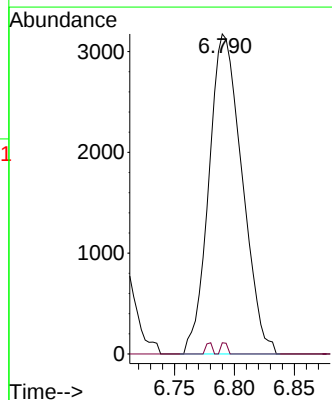
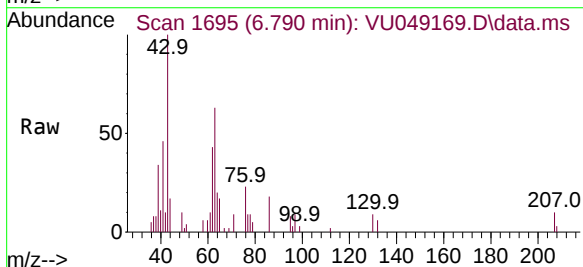
Instrument :
MSVOA_U
ClientSampleId :
BGJ97

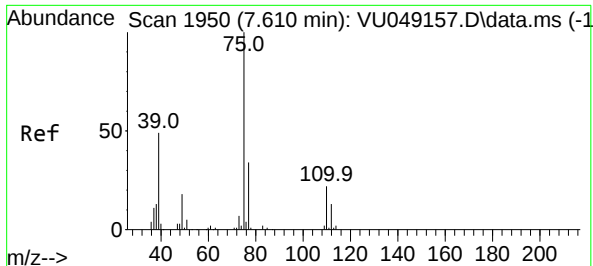
Tgt Ion: 83 Resp: 12060
Ion Ratio Lower Upper
83 100
55 0.6 66.9 100.3#
98 0.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU049169.D
Acq: 15 Jun 2022 14:48

Tgt Ion: 63 Resp: 6103
Ion Ratio Lower Upper
63 100
112 0.7 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049169.D

Acq: 15 Jun 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

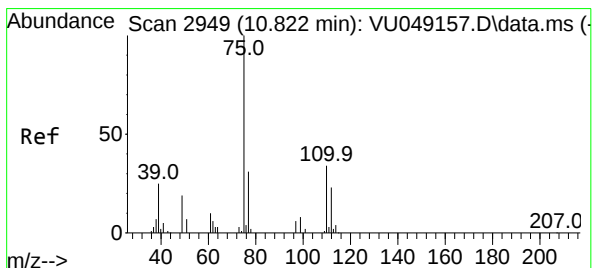
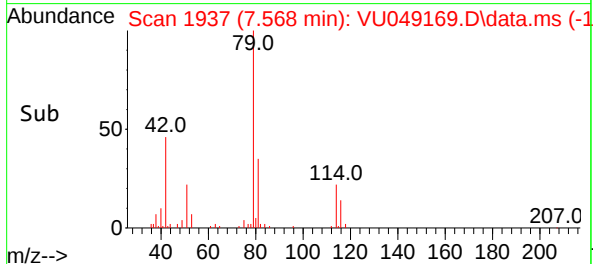
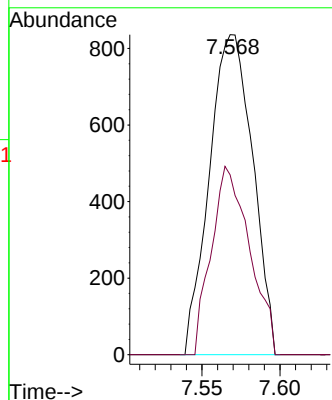
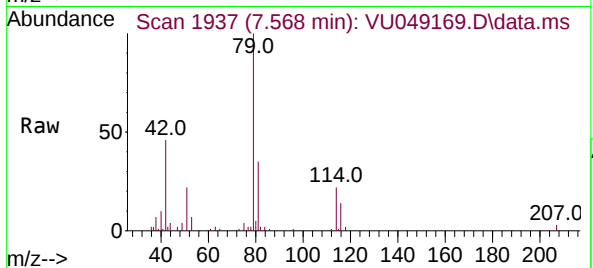
BGJ97

Tgt Ion: 75 Resp: 1617

Ion Ratio Lower Upper

75 100

77 56.2 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.167 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.993 min

Lab File: VU049169.D

Acq: 15 Jun 2022 14:48

Tgt Ion: 75 Resp: 6834

Ion Ratio Lower Upper

75 100

110 1.4 29.0 43.4#

77 32.7 26.2 39.2

