

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049173.D
 Acq On : 15 Jun 2022 16:23
 Operator : SY/MD
 Sample : N3274-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B91

Quant Time: Jun 16 04:50:05 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	130890	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47824	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.912	69	35606	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.568	65	19320	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.632	46	172337	56.435	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	5.063	84	87585	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.703	65	50549	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.729	84	178939	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.693	67	61773	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	156370	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.182	79	24213	4.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.636	63	124190	55.946	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50600	5.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	58227	5.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.475	50	8883	0.724	ug/L #	42
8) Chloroethane	1.993	64	2690	0.422	ug/L #	53
9) Trichlorofluoromethane	2.079	101	1209	0.095	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	489	0.065	ug/L #	21
13) Acetone	2.645	43	67389	44.588	ug/L	100
15) Methyl Acetate	2.825	43	96066	23.766	ug/L #	54
21) 2-Butanone	4.726	43	13765	4.776	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	2246	0.246	ug/L	77
33) Benzene	5.774	78	2725	0.076	ug/L	100
34) Trichloroethene	6.542	95	13336	1.447	ug/L	98
35) Methylcyclohexane	6.693	83	13300	0.861	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	6493	0.656	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1727	0.115	ug/L #	76
42) Toluene	7.970	91	18899	0.494	ug/L	96
47) Tetrachloroethene	8.555	164	3363	0.529	ug/L	91
49) Dibromochloromethane	8.555	129	3357	0.426	ug/L #	10
51) Chlorobenzene	9.446	112	2671	0.115	ug/L	90
61) 1,2,3-Trichloropropane	10.526	75	3729	0.559	ug/L #	43

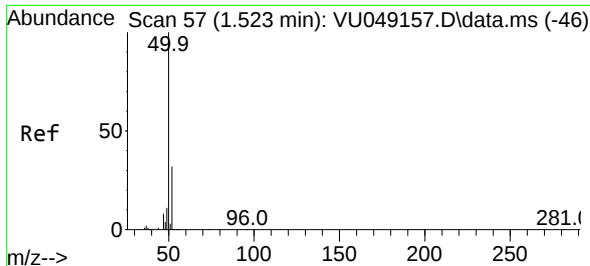
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
Data File : VU049173.D
Acq On : 15 Jun 2022 16:23
Operator : SY/MD
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Quant Time: Jun 16 04:50:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
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QLast 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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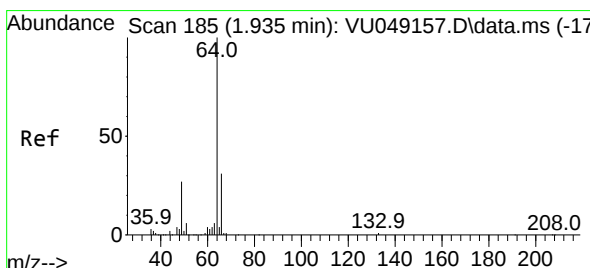
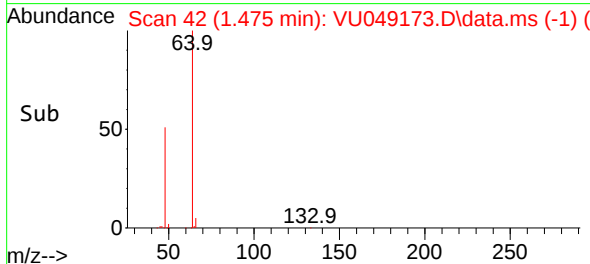
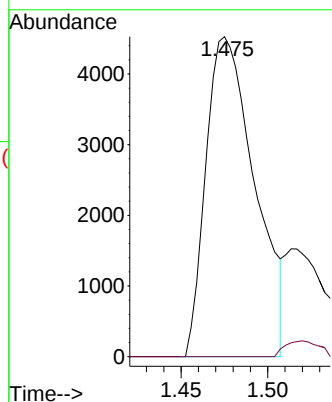
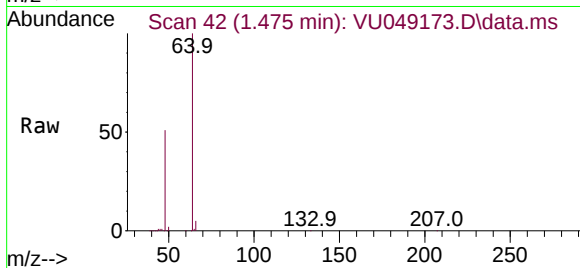
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.724 ug/L
RT: 1.475 min Scan# 41
Delta R.T. -0.048 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

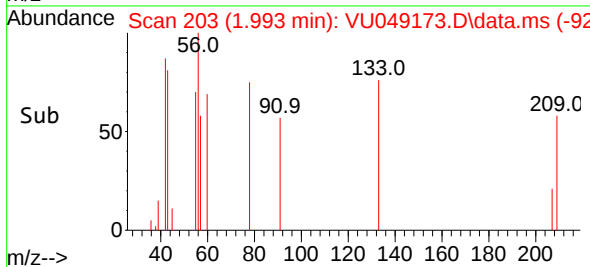
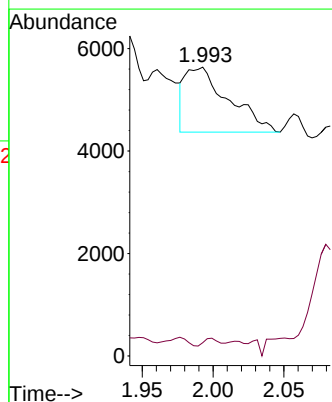
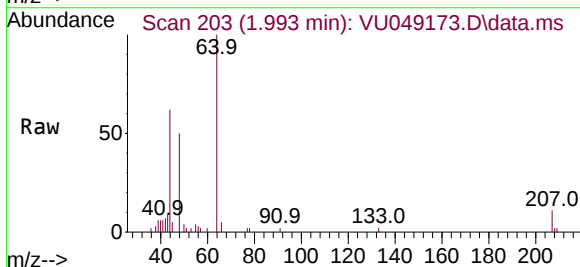
Instrument :
MSVOA_U
ClientSampleId :
C0B91

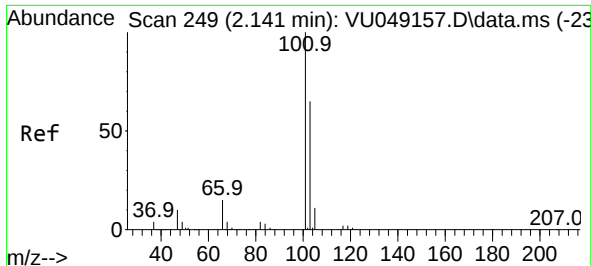
Tgt Ion: 50 Resp: 8883
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#8
Chloroethane
Concen: 0.422 ug/L
RT: 1.993 min Scan# 203
Delta R.T. 0.058 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

Tgt Ion: 64 Resp: 2690
Ion Ratio Lower Upper
64 100
66 4.6 20.9 38.9#

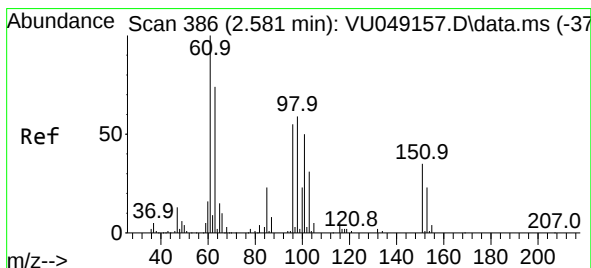
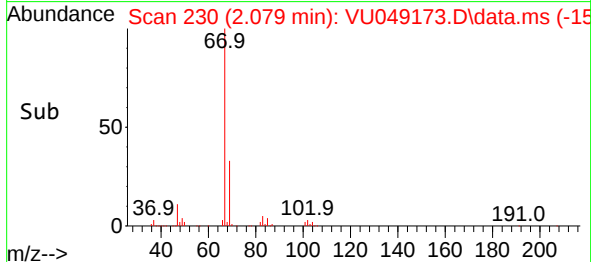
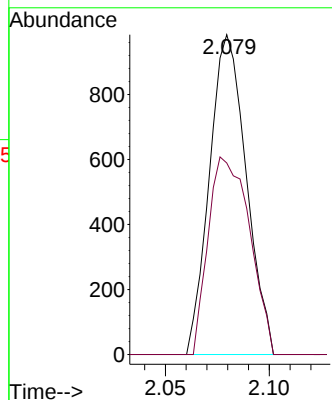
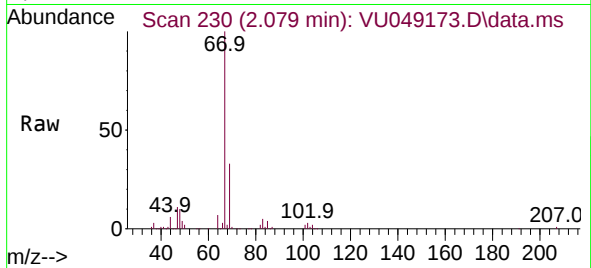




#9
Trichlorofluoromethane
Concen: 0.095 ug/L
RT: 2.079 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

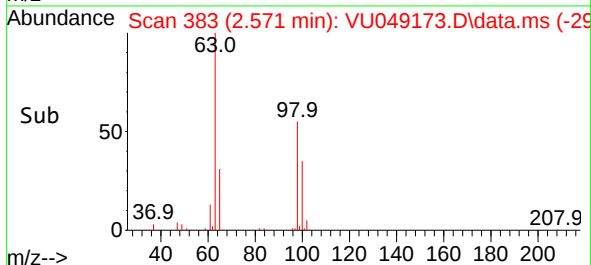
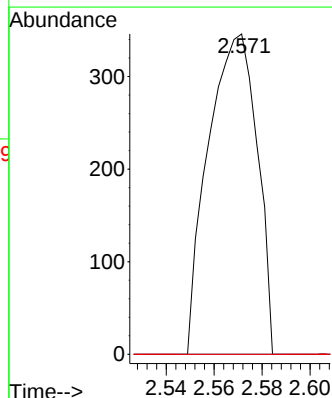
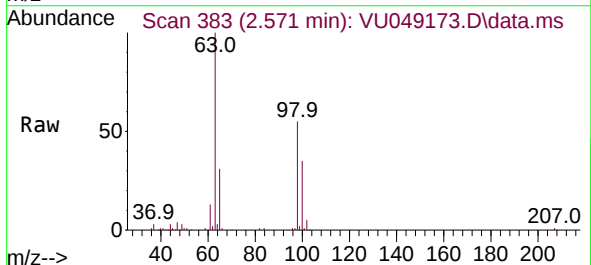
Instrument :
MSVOA_U
ClientSampleId :
C0B91

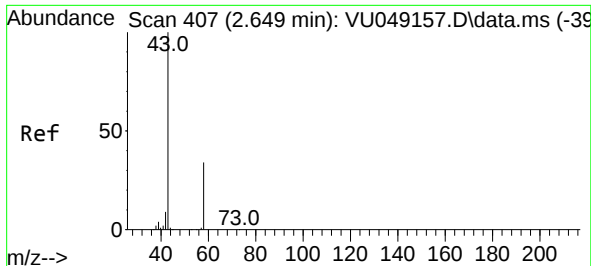
Tgt Ion:101 Resp: 1209
Ion Ratio Lower Upper
101 100
103 69.6 53.5 80.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

Tgt Ion:101 Resp: 489
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 44.588 ug/L

RT: 2.645 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU049173.D

Acq: 15 Jun 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

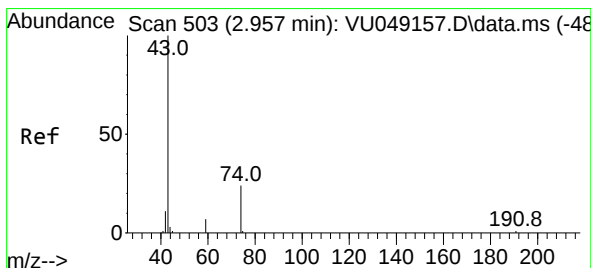
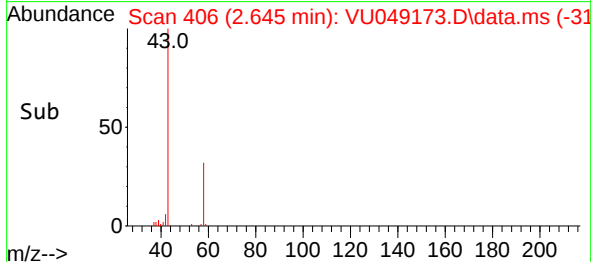
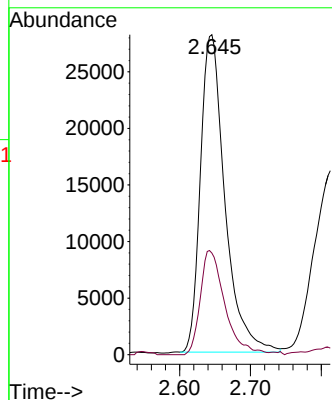
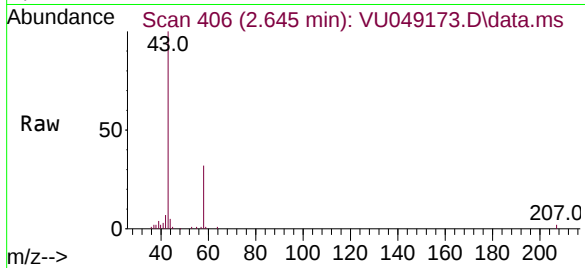
C0B91

Tgt Ion: 43 Resp: 67389

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.8



#15

Methyl Acetate

Concen: 23.766 ug/L

RT: 2.825 min Scan# 462

Delta R.T. -0.132 min

Lab File: VU049173.D

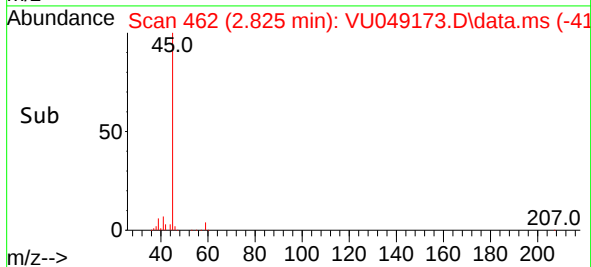
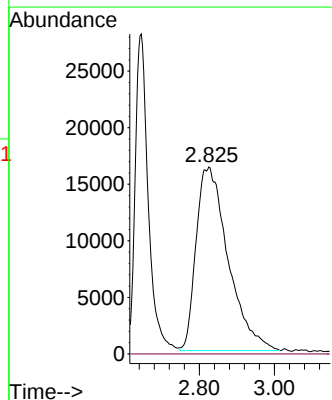
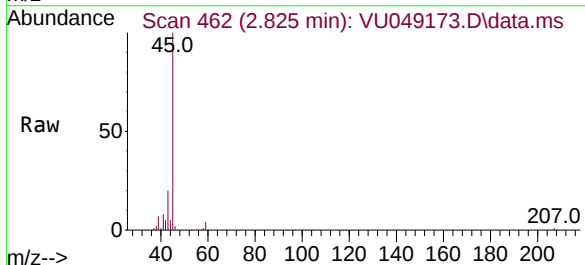
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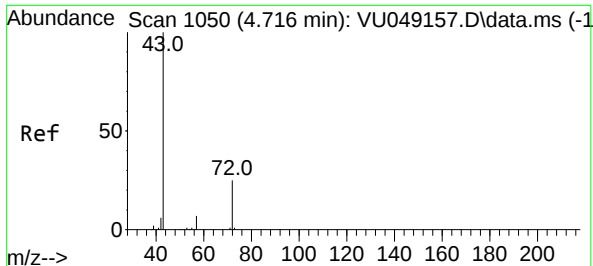
Tgt Ion: 43 Resp: 96066

Ion Ratio Lower Upper

43 100

74 0.0 17.6 26.4#





#21

2-Butanone

Concen: 4.776 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.010 min

Lab File: VU049173.D

Acq: 15 Jun 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

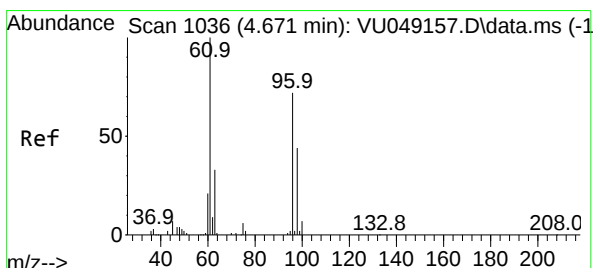
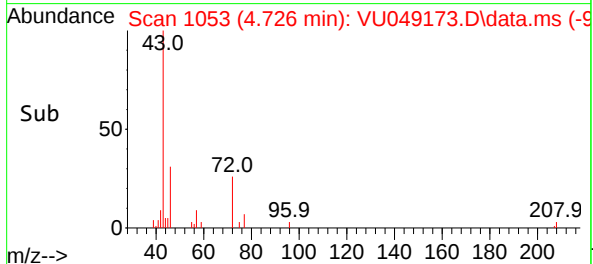
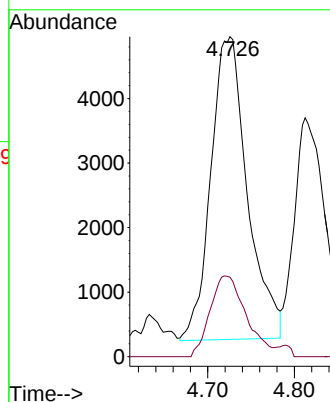
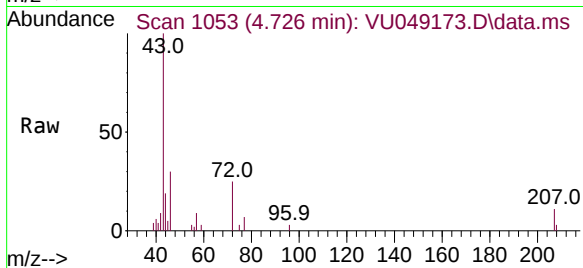
C0B91

Tgt Ion: 43 Resp: 13765

Ion Ratio Lower Upper

43 100

72 26.2 12.2 36.6



#22

cis-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU049173.D

Acq: 15 Jun 2022 16:23

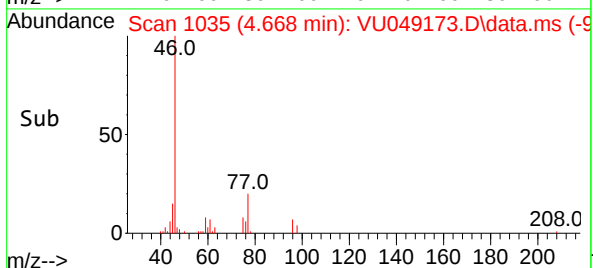
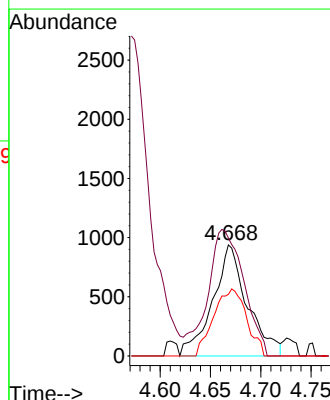
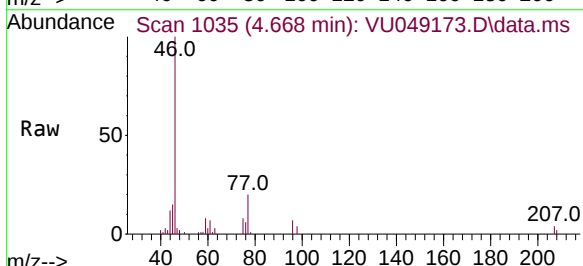
Tgt Ion: 96 Resp: 2246

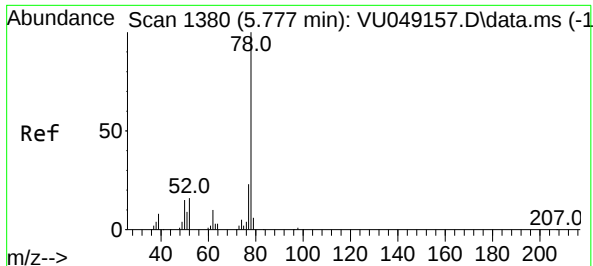
Ion Ratio Lower Upper

96 100

61 106.4 99.5 184.9

98 55.5 44.8 83.2





#33

Benzene

Concen: 0.076 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049173.D

Acq: 15 Jun 2022 16:23

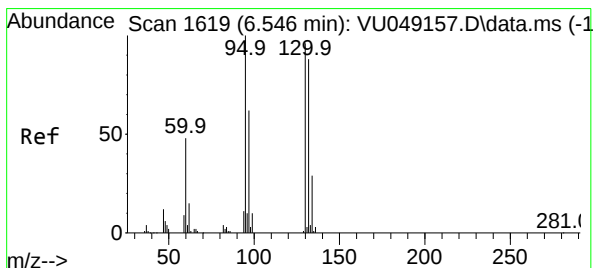
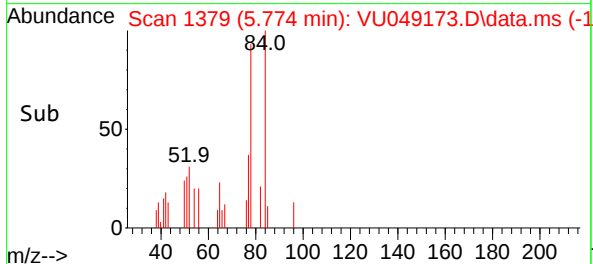
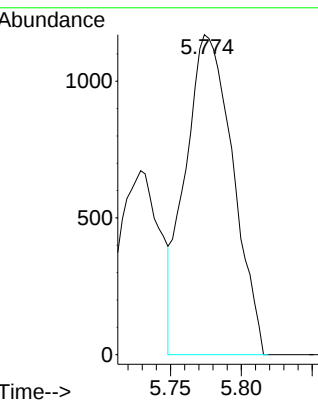
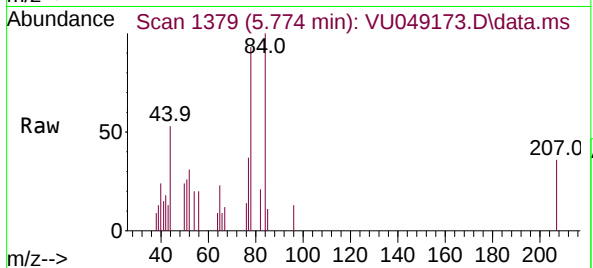
Instrument :

MSVOA_U

ClientSampleId :

C0B91

Tgt Ion: 78 Resp: 2725



#34

Trichloroethene

Concen: 1.447 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU049173.D

Acq: 15 Jun 2022 16:23

Tgt Ion: 95 Resp: 13336

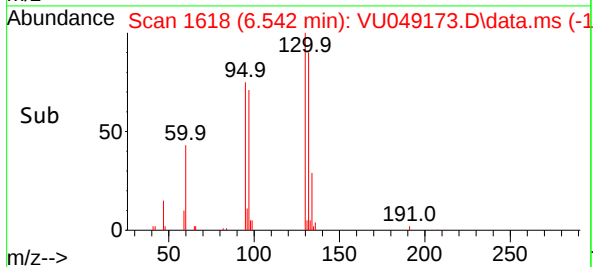
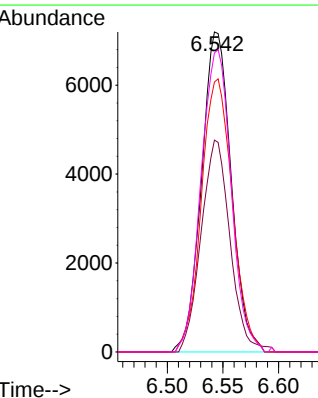
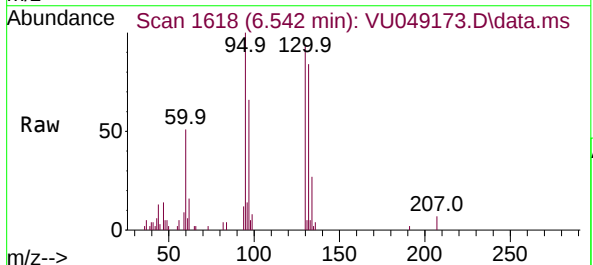
Ion Ratio Lower Upper

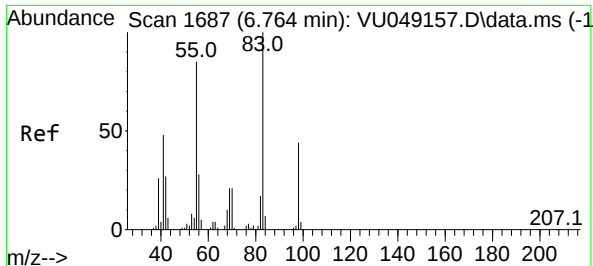
95 100

97 66.2 45.3 84.1

132 84.3 61.5 114.3

130 93.4 65.6 121.8

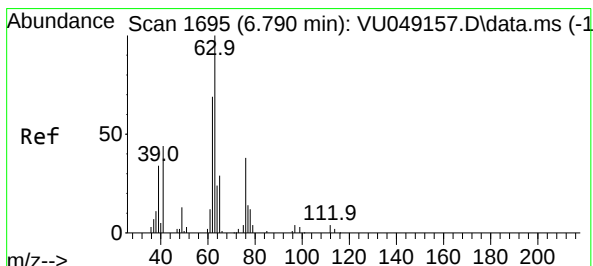
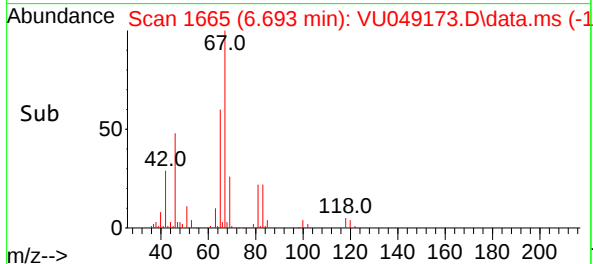
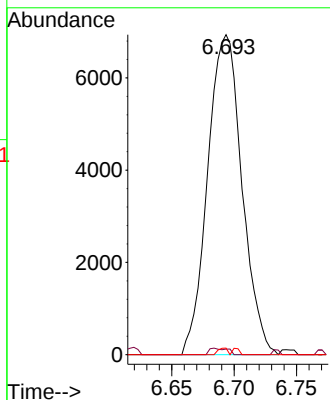
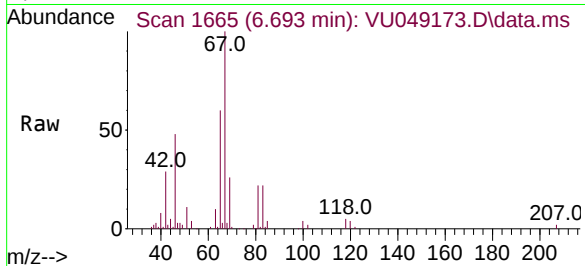




#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

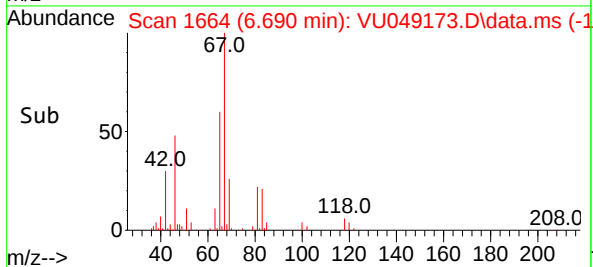
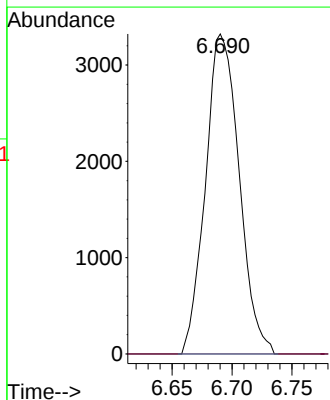
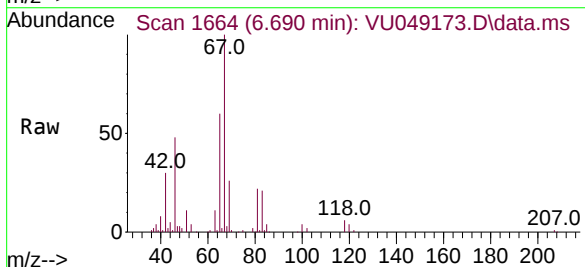
Instrument :
MSVOA_U
ClientSampleId :
C0B91

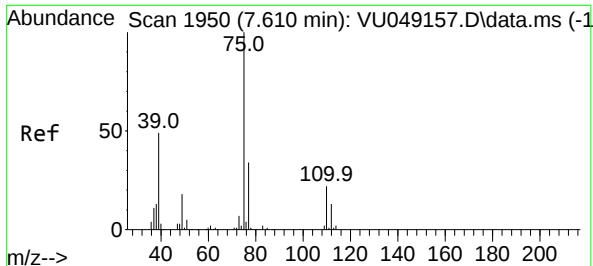
Tgt Ion: 83 Resp: 13300
Ion Ratio Lower Upper
83 100
55 1.1 66.9 100.3#
98 0.6 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

Tgt Ion: 63 Resp: 6493
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049173.D

Acq: 15 Jun 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

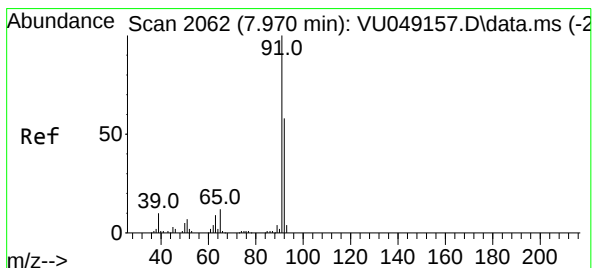
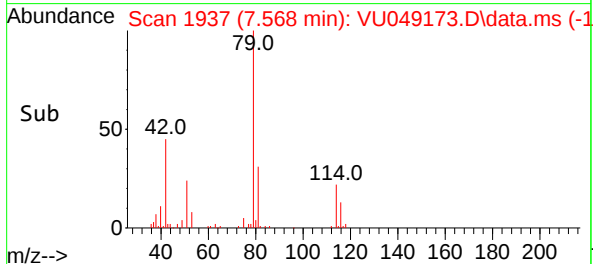
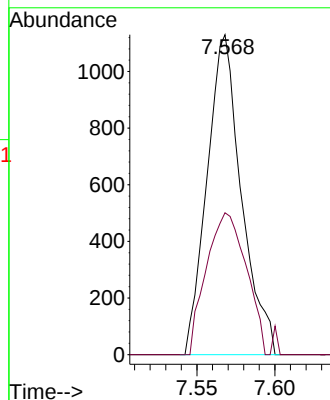
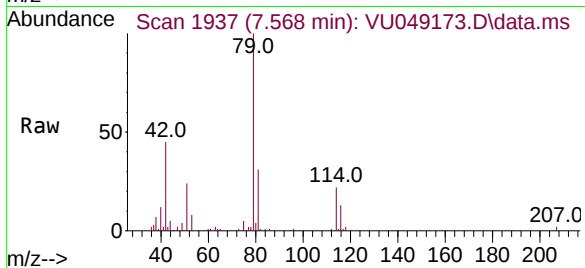
C0B91

Tgt Ion: 75 Resp: 1727

Ion Ratio Lower Upper

75 100

77 44.3 21.8 40.4#



#42

Toluene

Concen: 0.494 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049173.D

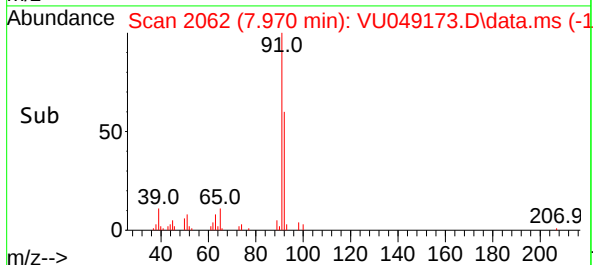
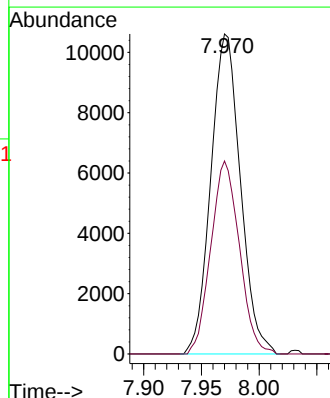
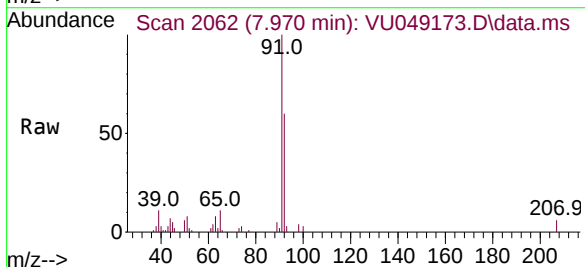
Acq: 15 Jun 2022 16:23

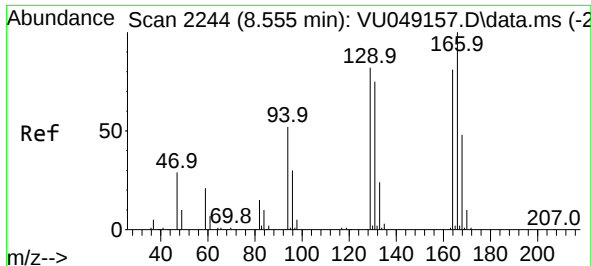
Tgt Ion: 91 Resp: 18899

Ion Ratio Lower Upper

91 100

92 60.3 40.0 74.2





#47

Tetrachloroethene

Concen: 0.529 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU049173.D

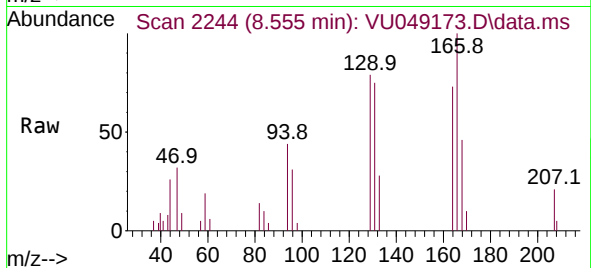
Acq: 15 Jun 2022 16:23

Instrument :

MSVOA_U

ClientSampleId :

C0B91



Tgt Ion:164 Resp: 3363

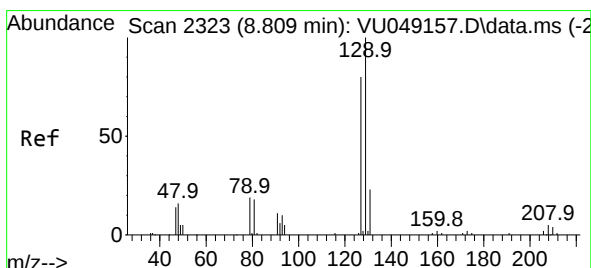
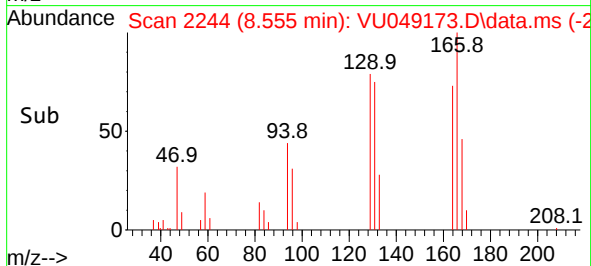
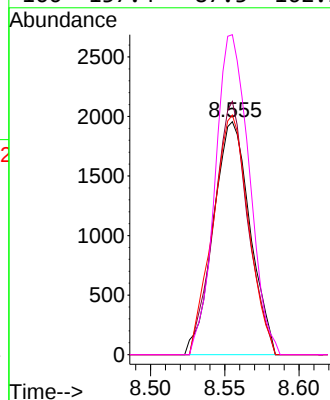
Ion Ratio Lower Upper

164 100

129 108.7 69.8 129.6

131 102.9 67.8 125.8

166 137.4 87.3 162.1



#49

Dibromochloromethane

Concen: 0.426 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.254 min

Lab File: VU049173.D

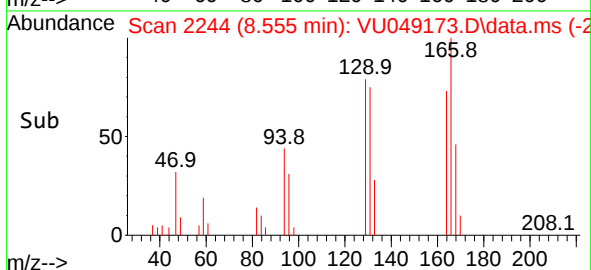
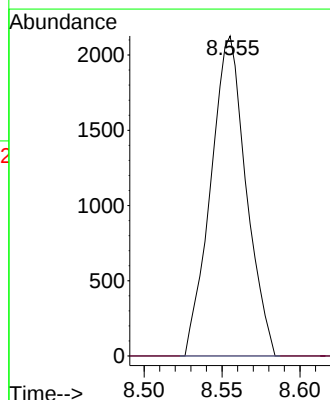
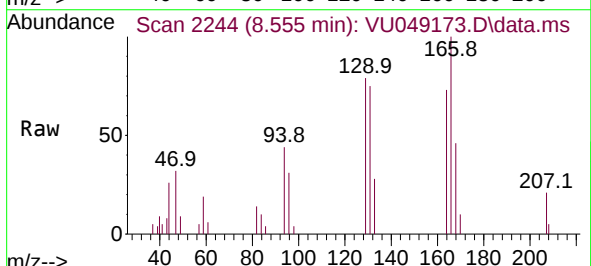
Acq: 15 Jun 2022 16:23

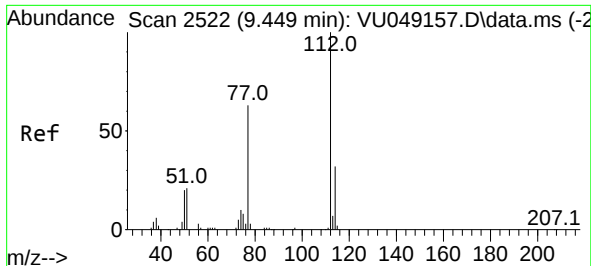
Tgt Ion:129 Resp: 3357

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#

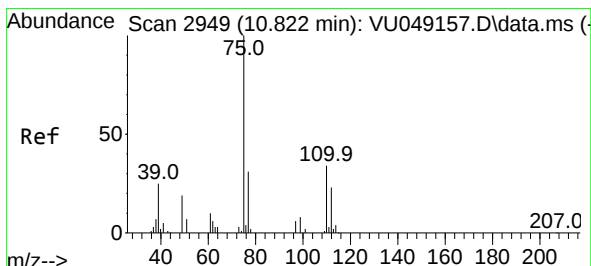
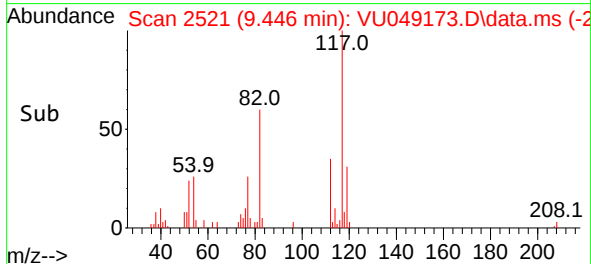
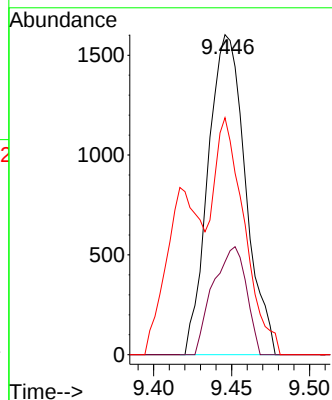
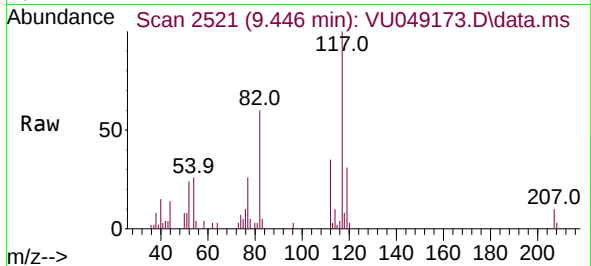




#51
Chlorobenzene
Concen: 0.115 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

Instrument :
MSVOA_U
ClientSampleId :
C0B91

Tgt Ion:	112	Resp:	2671
Ion	Ratio	Lower	Upper
112	100		
114	29.0	22.3	41.3
77	74.0	51.0	76.6



#61
1,2,3-Trichloropropane
Concen: 0.559 ug/L
RT: 10.526 min Scan# 2857
Delta R.T. -0.296 min
Lab File: VU049173.D
Acq: 15 Jun 2022 16:23

Tgt Ion:	75	Resp:	3729
Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.0	43.4#
77	2.8	26.2	39.2#

