

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049257.D
 Acq On : 17 Jun 2022 20:31
 Operator : SY/MD
 Sample : N3320-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

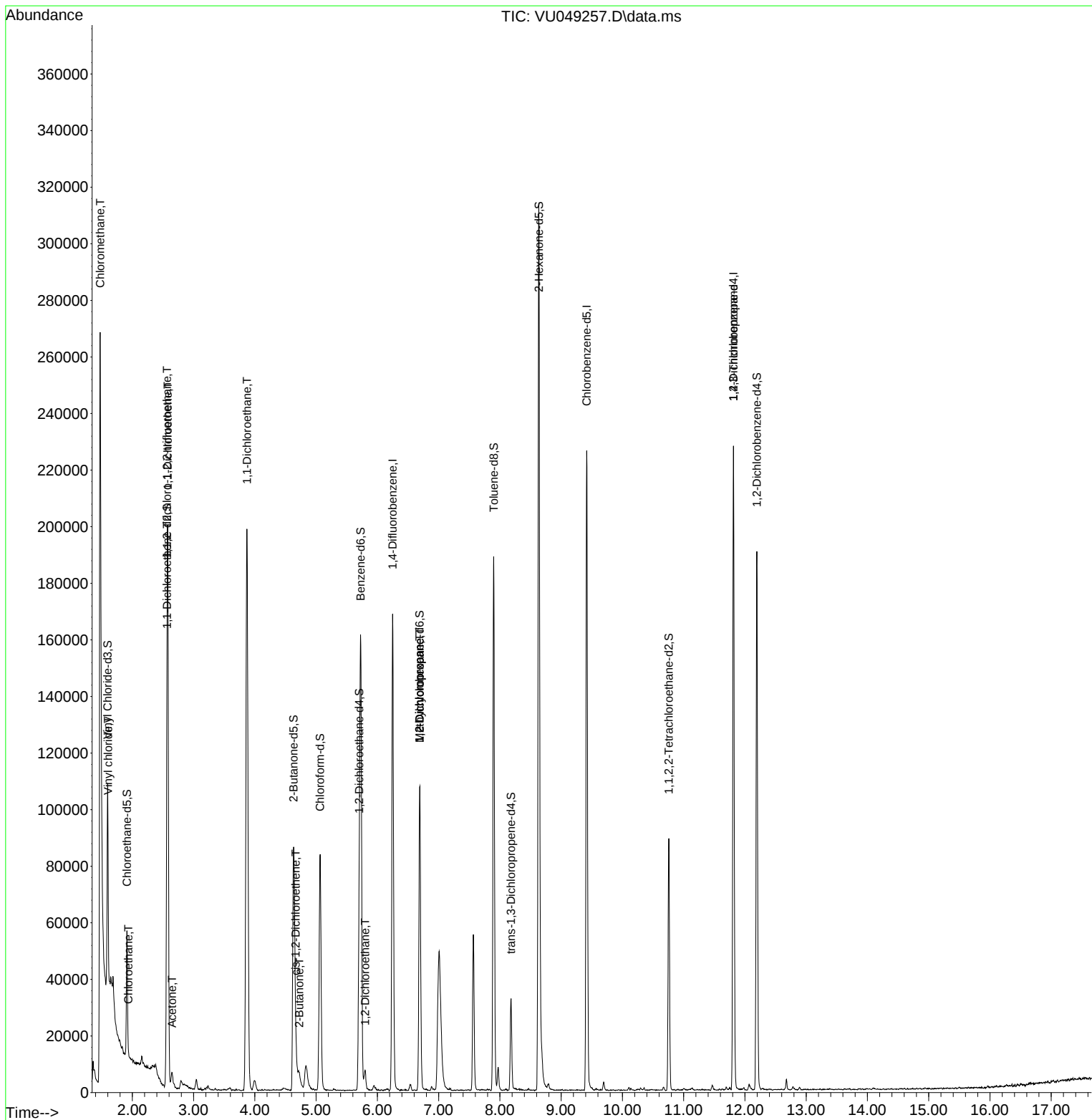
Quant Time: Jun 18 05:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

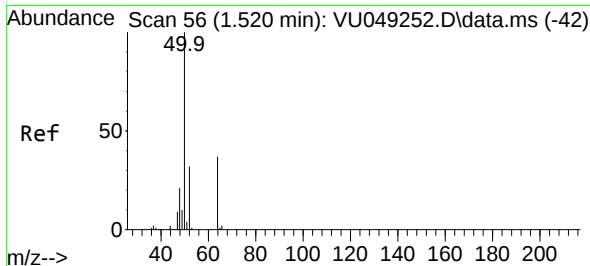
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	130525	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41871	3.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.912	69	30171	3.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.565	65	15876	3.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.633	46	149591	49.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.240%
24) Chloroform-d	5.063	84	74082	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.703	65	43221	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.729	84	145227	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.690	67	51600	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.899	98	122041	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.182	79	18305	3.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.636	63	108144	49.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43968	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	48320	4.307	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.475	50	7990	0.653	ug/L #	42
5) Vinyl chloride	1.604	62	9960	0.908	ug/L #	1
8) Chloroethane	1.935	64	563	0.089	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	562	0.075	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	50895	6.935	ug/L	87
13) Acetone	2.649	43	9322	6.185	ug/L	98
19) 1,1-Dichloroethane	3.870	63	232170	14.480	ug/L	98
21) 2-Butanone	4.726	43	7400	2.575	ug/L	84
22) cis-1,2-Dichloroethene	4.668	96	845	0.093	ug/L #	68
27) 1,2-Dichloroethane	5.800	62	5950	0.561	ug/L	96
35) Methylcyclohexane	6.690	83	11263	0.736	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5594	0.570	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	7910	1.206	ug/L #	68

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

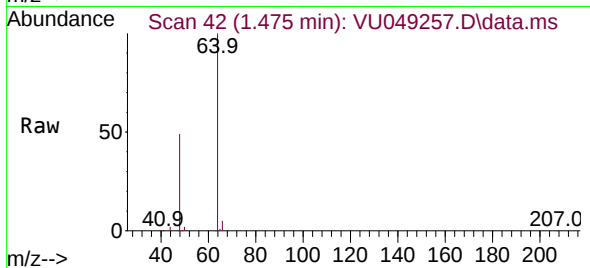
Quant Time: Jun 18 05:50:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 05:20:12 2022
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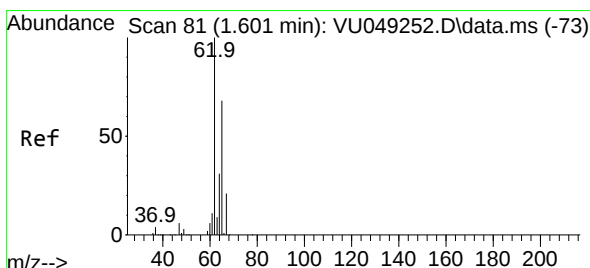
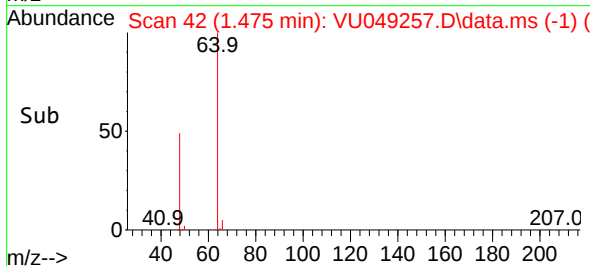
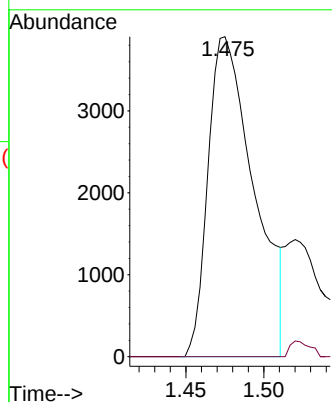


#3
Chloromethane
Concen: 0.653 ug/L
RT: 1.475 min Scan# 41
Delta R.T. -0.045 min
Lab File: VU049257.D
Acq: 17 Jun 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :

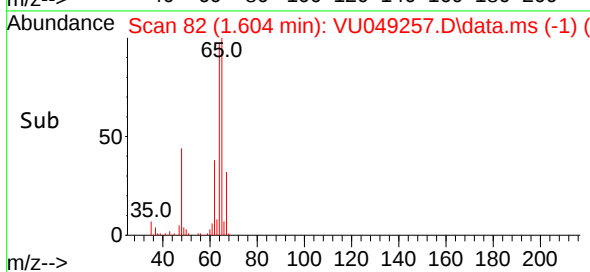
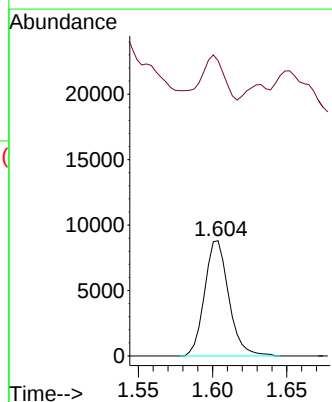
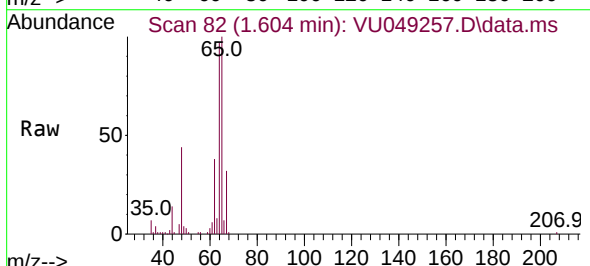


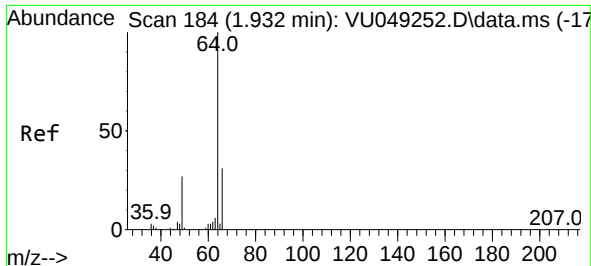
Tgt Ion: 50 Resp: 7990
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 0.908 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049257.D
Acq: 17 Jun 2022 20:31

Tgt Ion: 62 Resp: 9960
Ion Ratio Lower Upper
62 100
64 256.3 22.8 42.4#

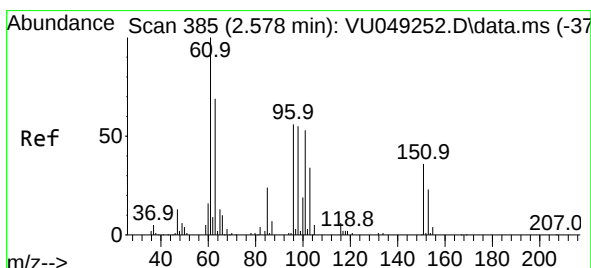
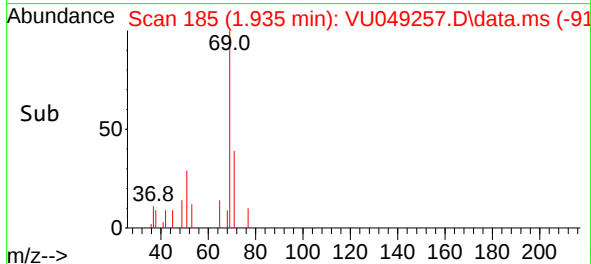
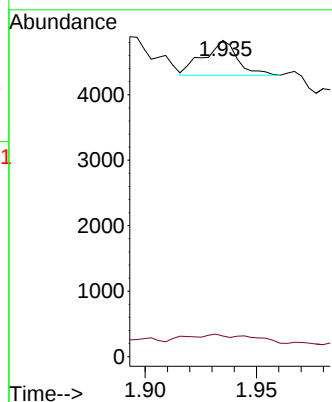
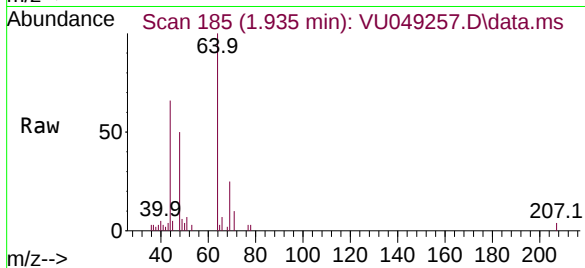




#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049257.D
Acq: 17 Jun 2022 20:31

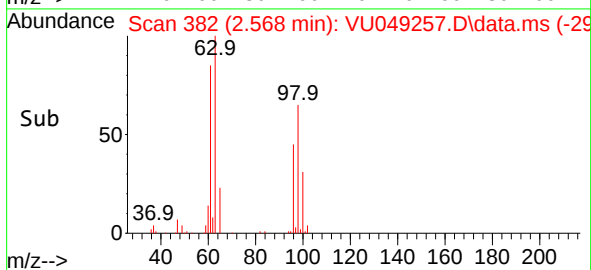
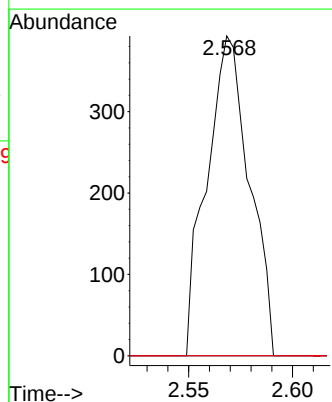
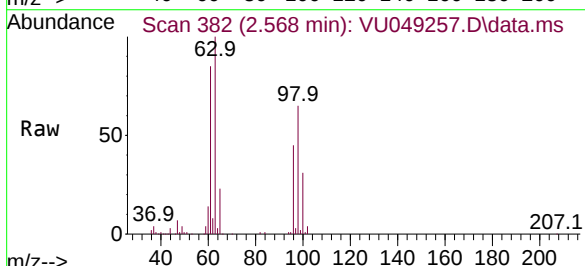
Instrument :
MSVOA_U
ClientSampleId :

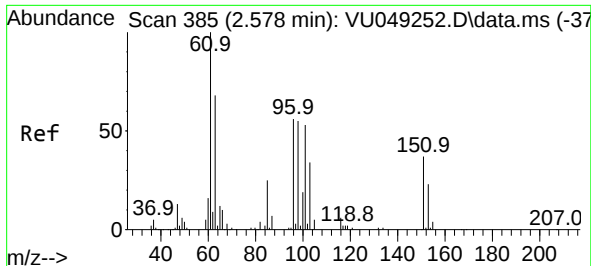
Tgt Ion: 64 Resp: 563
Ion Ratio Lower Upper
64 100
66 6.3 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU049257.D
Acq: 17 Jun 2022 20:31

Tgt Ion: 101 Resp: 562
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: 6.935 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

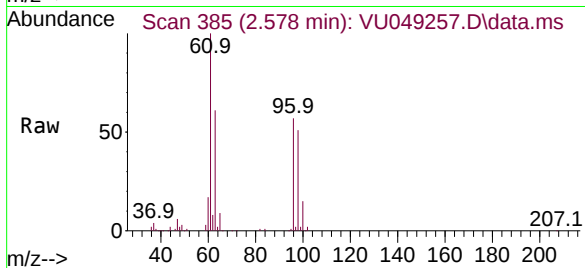
Lab File: VU049257.D

Acq: 17 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :



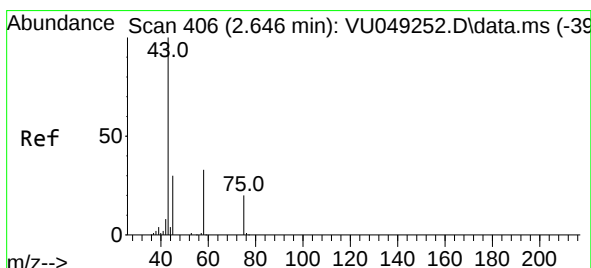
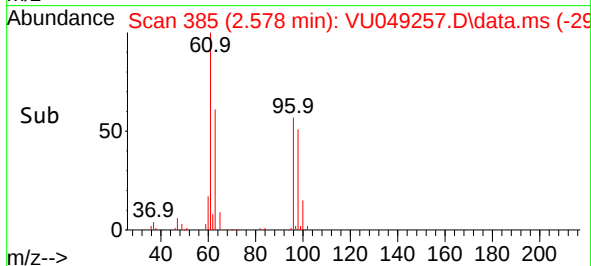
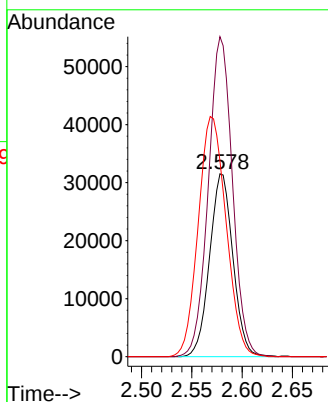
Tgt Ion: 96 Resp: 50895

Ion Ratio Lower Upper

96 100

61 175.0 127.2 236.2

63 107.1 94.7 175.9



#13

Acetone

Concen: 6.185 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.003 min

Lab File: VU049257.D

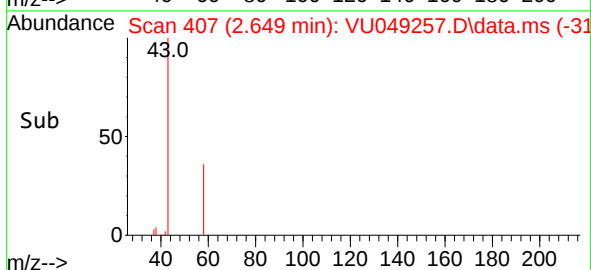
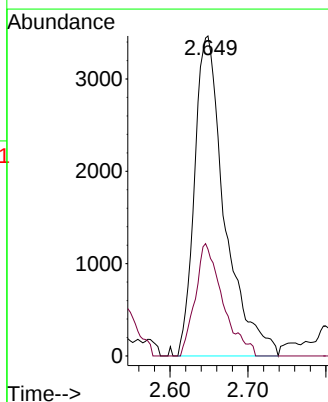
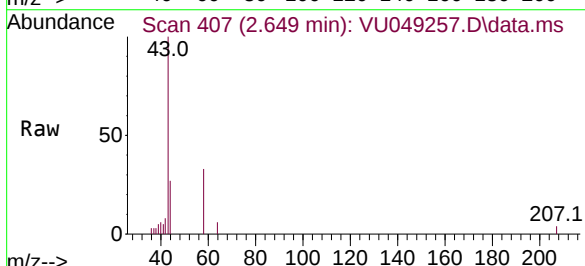
Acq: 17 Jun 2022 20:31

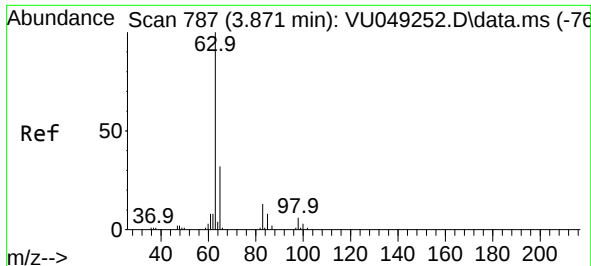
Tgt Ion: 43 Resp: 9322

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.8





#19

1,1-Dichloroethane

Concen: 14.480 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

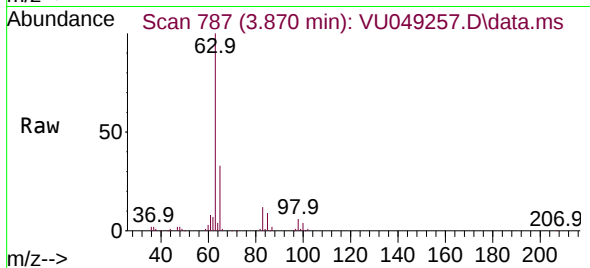
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Acq: 17 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :



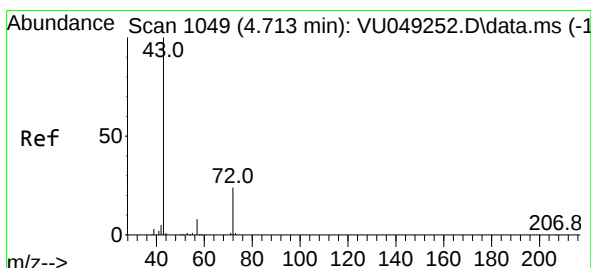
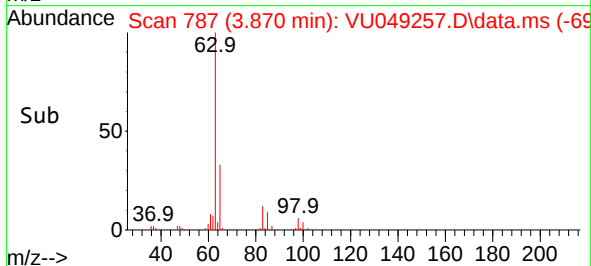
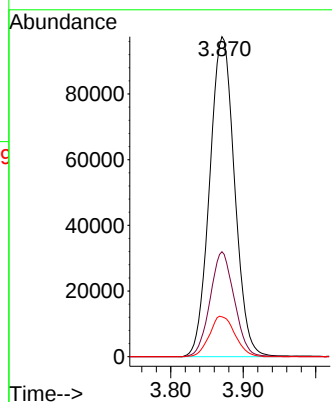
Tgt Ion: 63 Resp: 232170

Ion Ratio Lower Upper

63 100

65 32.8 24.0 44.6

83 12.5 9.1 16.9



#21

2-Butanone

Concen: 2.575 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.013 min

Lab File: VU049257.D

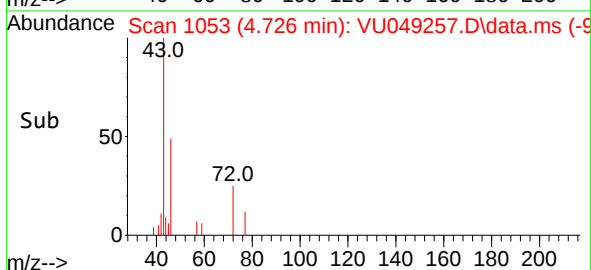
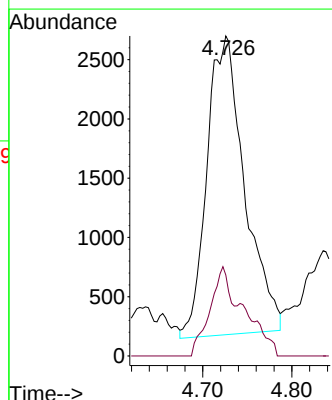
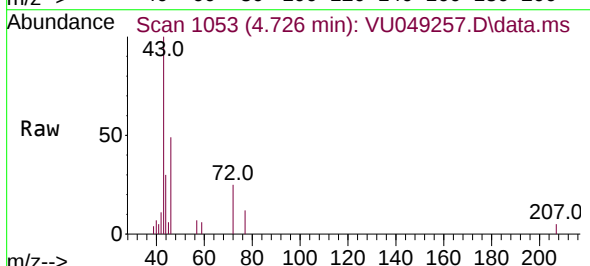
Acq: 17 Jun 2022 20:31

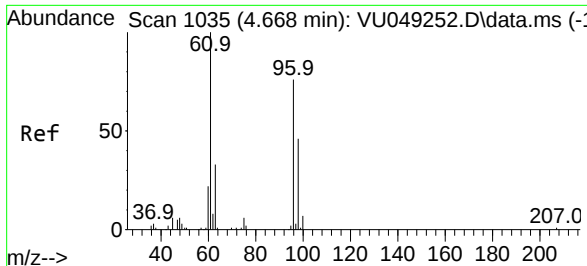
Tgt Ion: 43 Resp: 7400

Ion Ratio Lower Upper

43 100

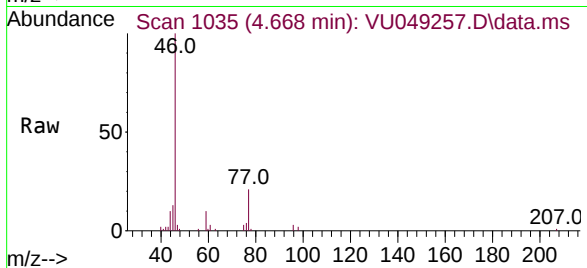
72 16.6 12.2 36.6



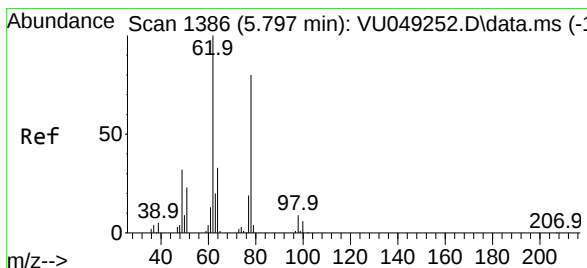
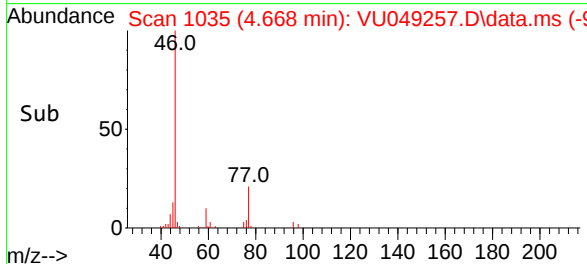
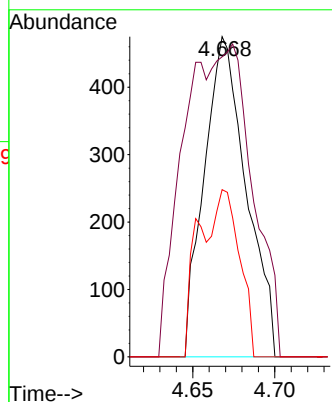


#22
 cis-1,2-Dichloroethene
 Concen: 0.093 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049257.D
 Acq: 17 Jun 2022 20:31

Instrument :
 MSVOA_U
 ClientSampleId :

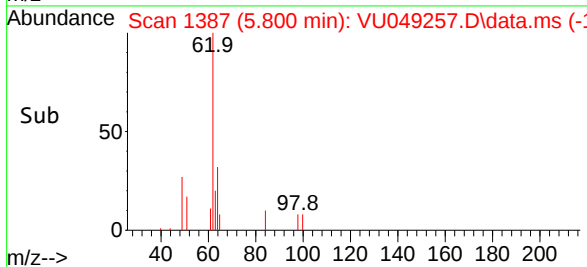
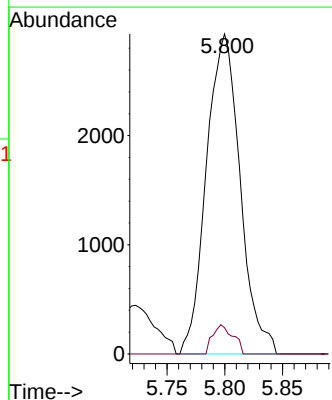
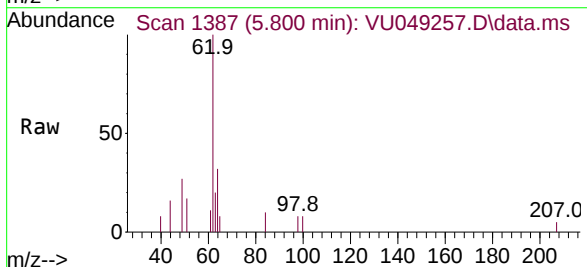


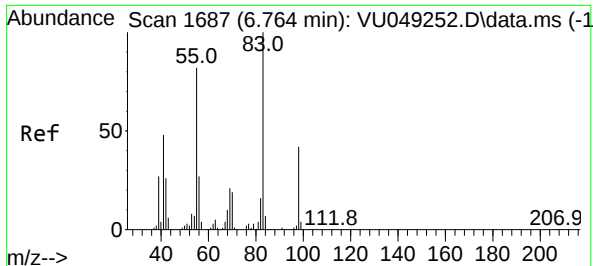
Tgt Ion: 96 Resp: 845
 Ion Ratio Lower Upper
 96 100
 61 93.7 99.5 184.9#
 98 52.2 44.8 83.2



#27
 1,2-Dichloroethane
 Concen: 0.561 ug/L
 RT: 5.800 min Scan# 1387
 Delta R.T. 0.003 min
 Lab File: VU049257.D
 Acq: 17 Jun 2022 20:31

Tgt Ion: 62 Resp: 5950
 Ion Ratio Lower Upper
 62 100
 98 8.2 7.6 11.4





#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049257.D

Acq: 17 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

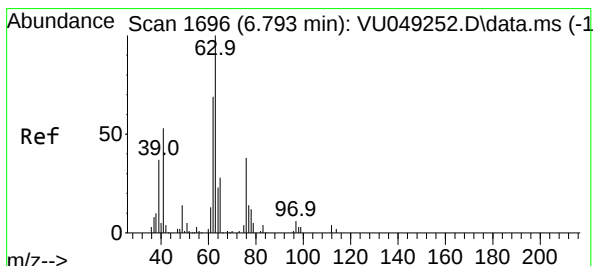
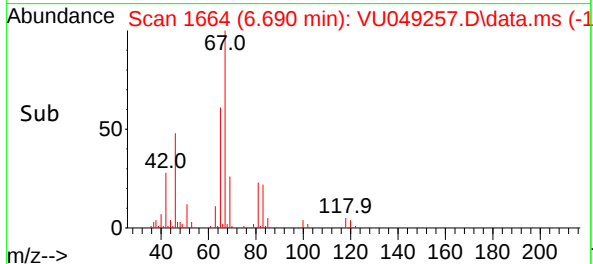
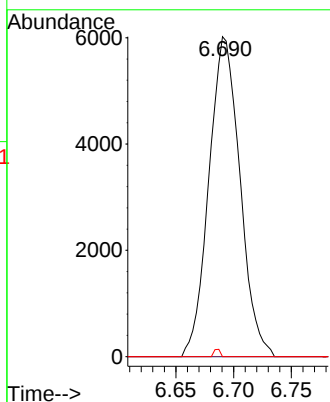
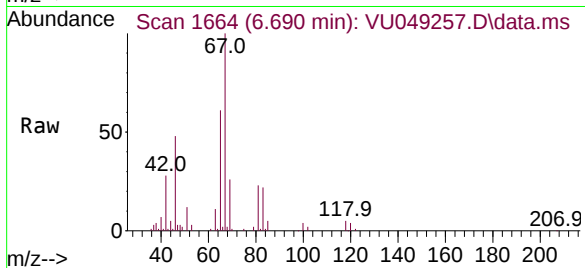
Tgt Ion: 83 Resp: 11263

Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.5 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU049257.D

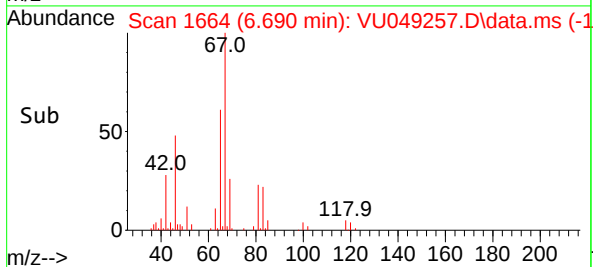
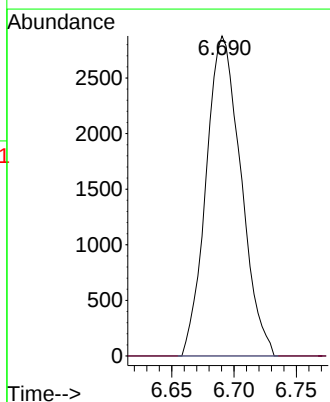
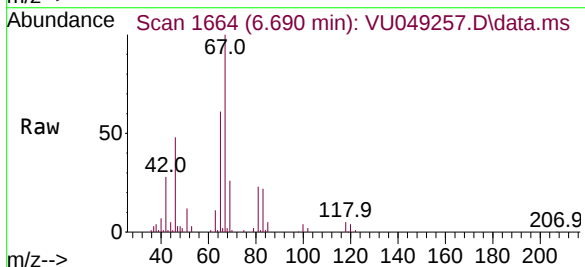
Acq: 17 Jun 2022 20:31

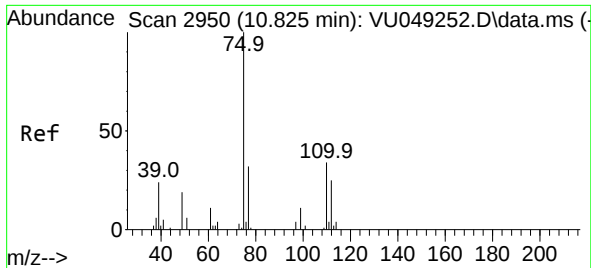
Tgt Ion: 63 Resp: 5594

Ion Ratio Lower Upper

63 100

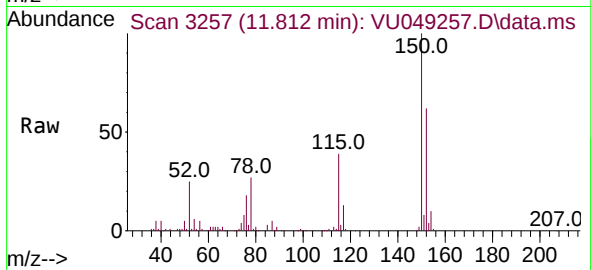
112 0.0 2.8 4.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.206 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049257.D
 Acq: 17 Jun 2022 20:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7910
 Ion Ratio Lower Upper
 75 100
 110 2.1 29.0 43.4#
 77 34.2 26.2 39.2

