

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049232.D
 Acq On : 17 Jun 2022 02:18
 Operator : SY/MD
 Sample : N3320-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

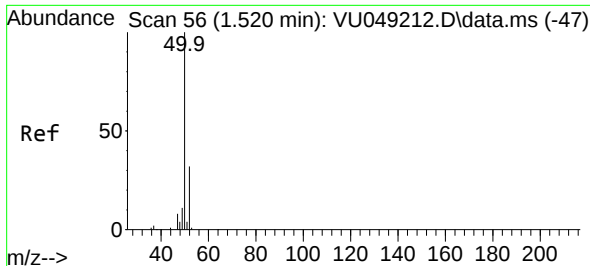
Quant Time: Jun 17 02:37:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	115896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	107175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39085	3.860	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.913	69	31221	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.568	65	16795	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.636	46	132917	49.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.320%
24) Chloroform-d	5.064	84	77390	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.703	65	43136	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.729	84	152904	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.690	67	53415	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.899	98	134025	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	16011	3.289	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.636	63	92266	46.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40631	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50767	4.952	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
3) Chloromethane	1.478	50	5086	0.468	ug/L #	42
5) Vinyl chloride	1.604	62	858	0.088	ug/L #	1
8) Chloroethane	1.932	64	1226	0.217	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	706	0.105	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	114509	17.571	ug/L #	78
14) Carbon disulfide	2.797	76	4650	0.216	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	4875	0.247	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	1577	0.218	ug/L	92
19) 1,1-Dichloroethane	3.871	63	150923	10.601	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	12364	1.531	ug/L	88
27) 1,2-Dichloroethane	5.806	62	2469	0.262	ug/L #	74
34) Trichloroethene	6.543	95	21145	2.594	ug/L	98
35) Methylcyclohexane	6.690	83	11812	0.864	ug/L #	16
37) 1,2-Dichloropropane	6.793	63	21743	2.481	ug/L #	98
39) cis-1,3-Dichloropropene	7.568	75	1335	0.100	ug/L	98
61) 1,2,3-Trichloropropane	11.812	75	6756	1.127	ug/L #	67

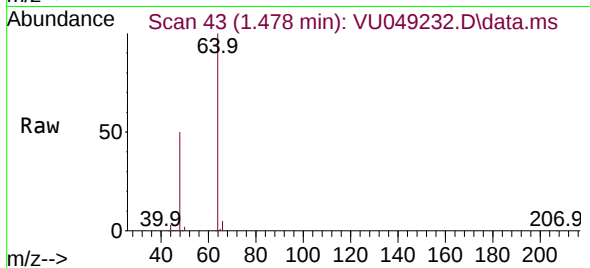
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_U
ClientSampleId :

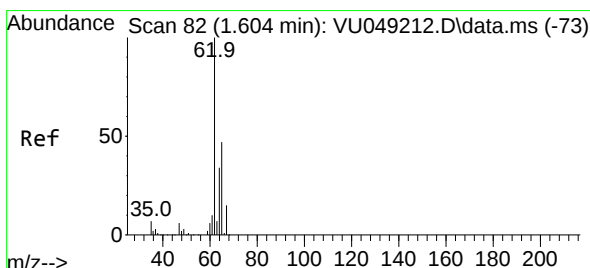
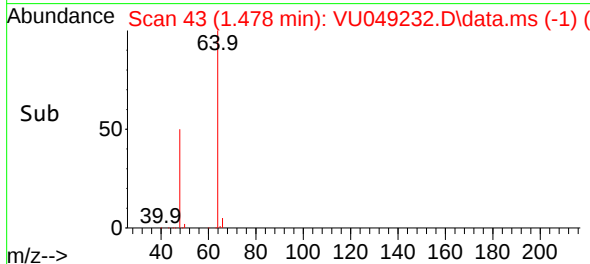
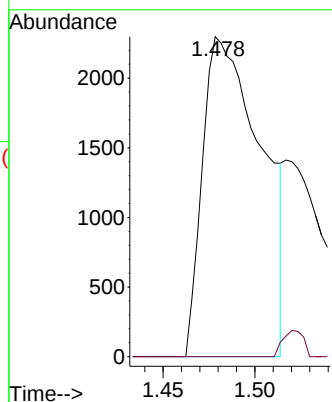


#3
Chloromethane
Concen: 0.468 ug/L
RT: 1.478 min Scan# 41
Delta R.T. -0.042 min
Lab File: VU049232.D
Acq: 17 Jun 2022 02:18

Instrument :
MSVOA_U
ClientSampleId :

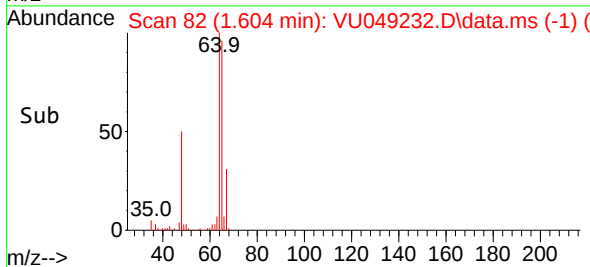
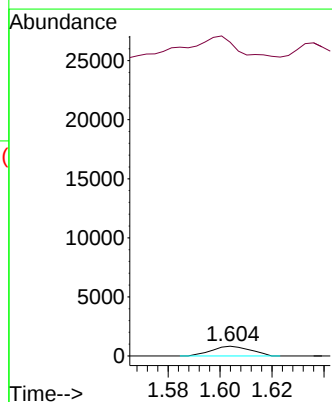
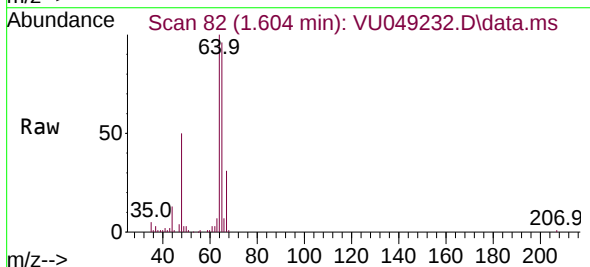


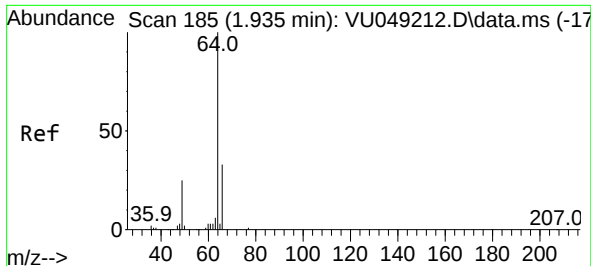
Tgt Ion: 50 Resp: 5086
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 0.088 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049232.D
Acq: 17 Jun 2022 02:18

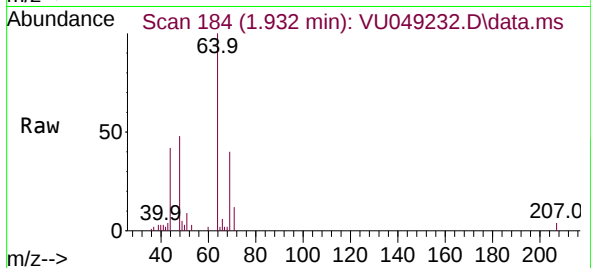
Tgt Ion: 62 Resp: 858
Ion Ratio Lower Upper
62 100
64 3207.7 22.8 42.4#



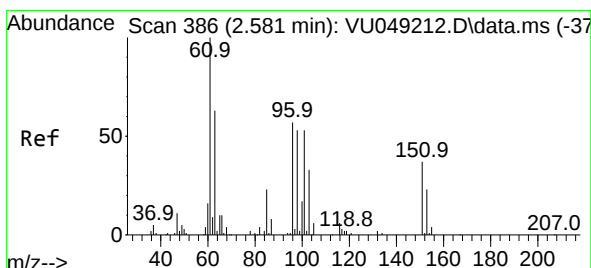
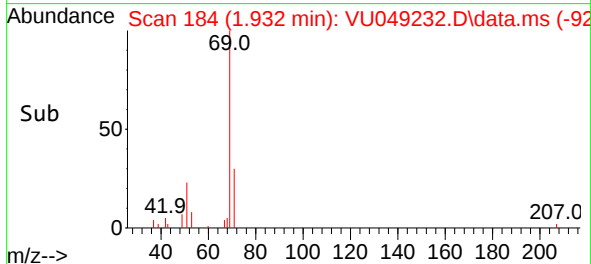
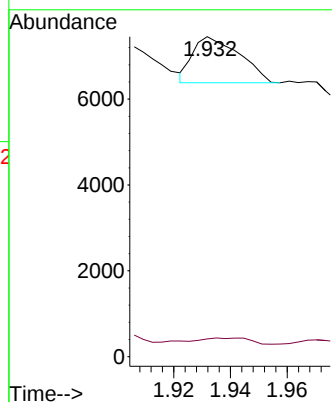


#8
Chloroethane
Concen: 0.217 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049232.D
Acq: 17 Jun 2022 02:18

Instrument :
MSVOA_U
ClientSampleId :

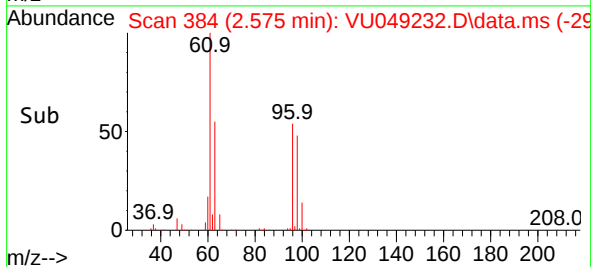
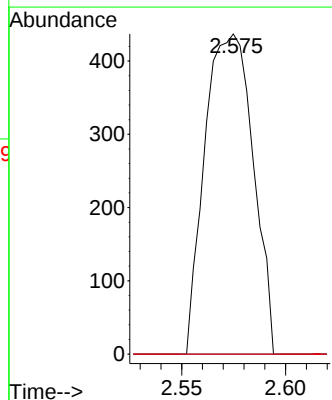
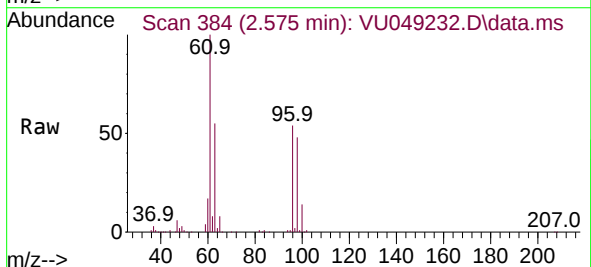


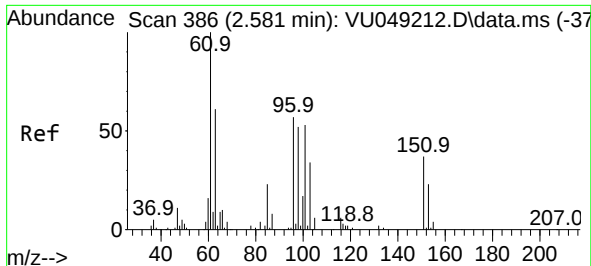
Tgt Ion: 64 Resp: 1226
Ion Ratio Lower Upper
64 100
66 5.6 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU049232.D
Acq: 17 Jun 2022 02:18

Tgt Ion: 101 Resp: 706
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: 17.571 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

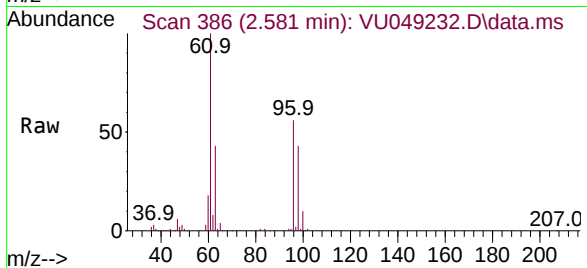
Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

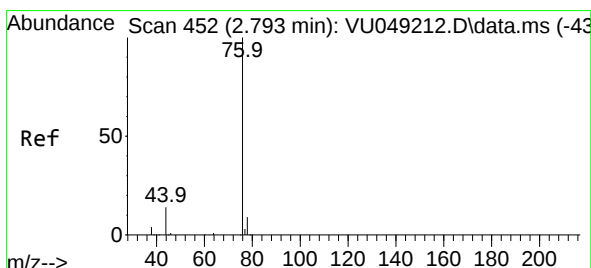
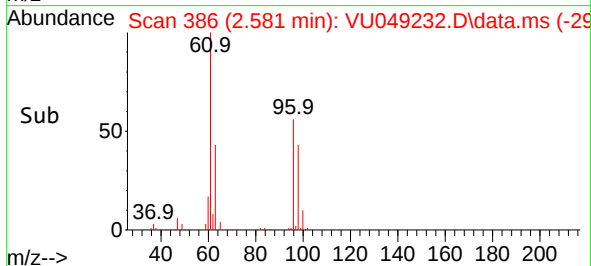
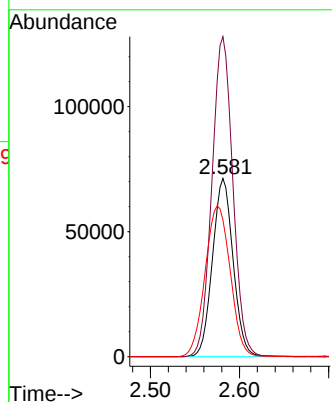
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	114509
Ion	Ratio	Lower	Upper
96	100		
61	179.6	127.2	236.2
63	76.8	94.7	175.9



#14

Carbon disulfide

Concen: 0.216 ug/L

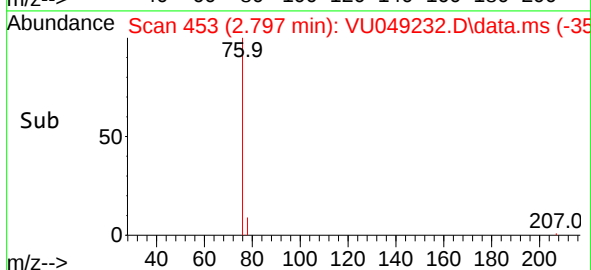
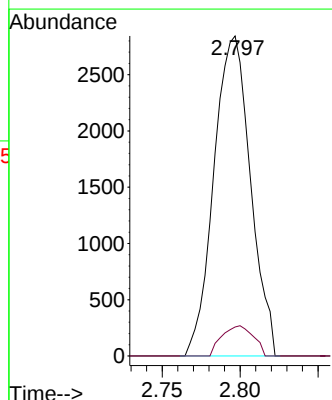
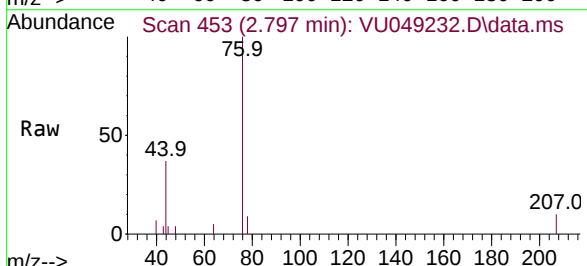
RT: 2.797 min Scan# 453

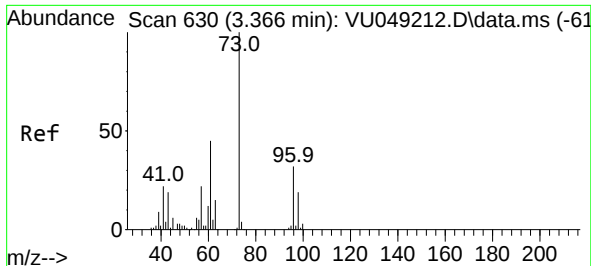
Delta R.T. 0.003 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Tgt Ion:	76	Resp:	4650
Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3





#17

Methyl tert-butyl Ether

Concen: 0.247 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

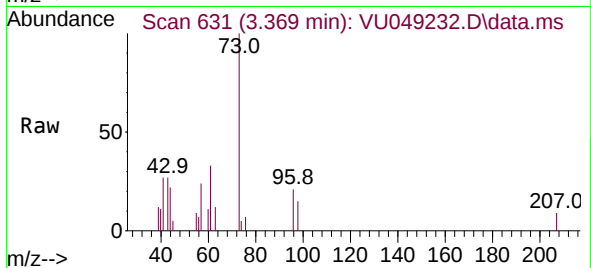
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Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

ClientSampleId :



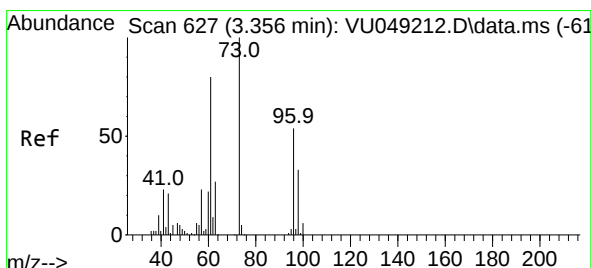
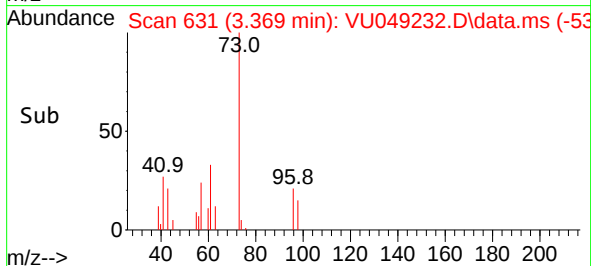
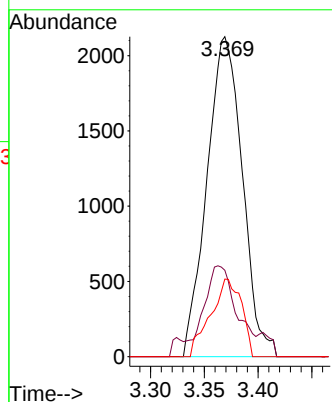
Tgt Ion: 73 Resp: 4875

Ion Ratio Lower Upper

73 100

43 21.0 16.5 24.7

57 21.1 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 0.218 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

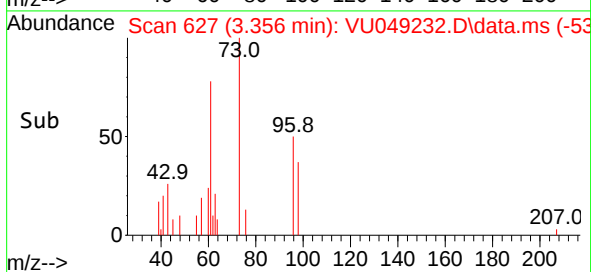
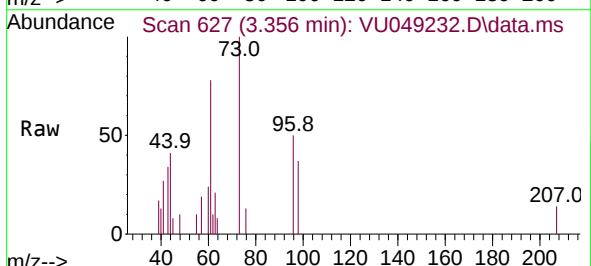
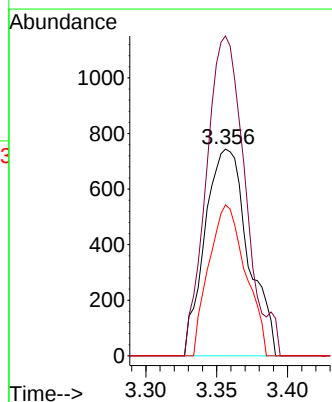
Tgt Ion: 96 Resp: 1577

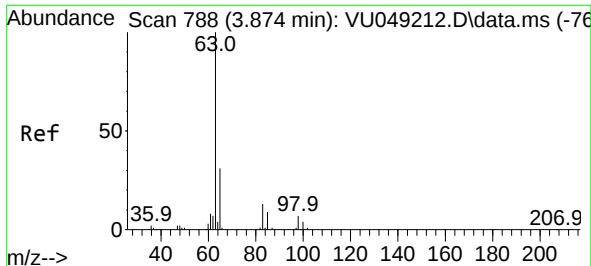
Ion Ratio Lower Upper

96 100

61 154.7 103.3 191.9

98 73.0 44.0 81.8





#19

1,1-Dichloroethane

Concen: 10.601 ug/L

RT: 3.871 min Scan# 71

Delta R.T. -0.003 min MSVOA_U

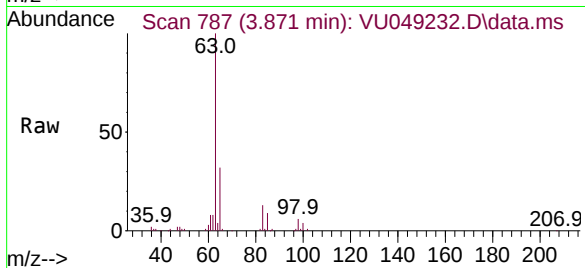
Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

ClientSampleId :



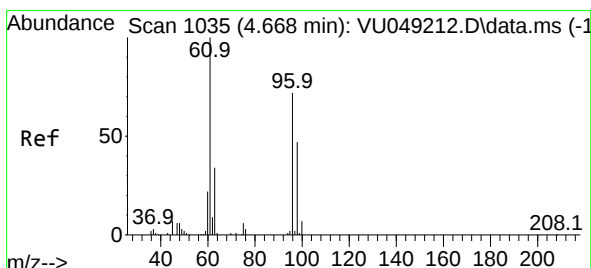
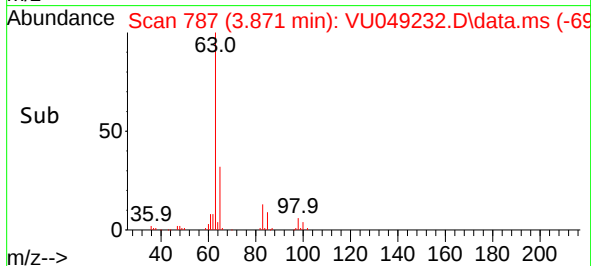
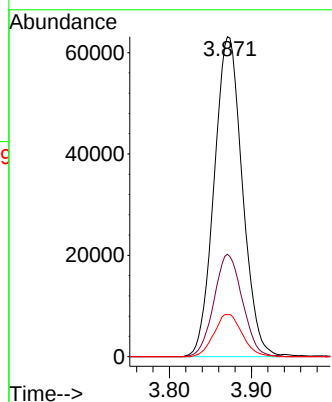
Tgt Ion: 63 Resp: 150923

Ion Ratio Lower Upper

63 100

65 32.0 24.0 44.6

83 13.2 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.531 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

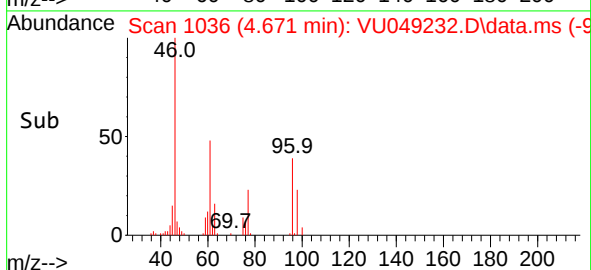
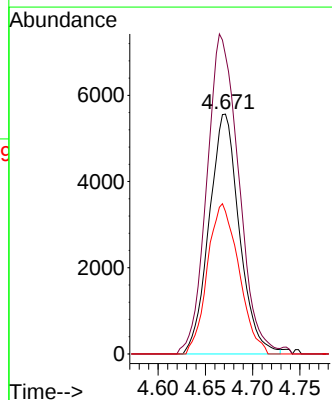
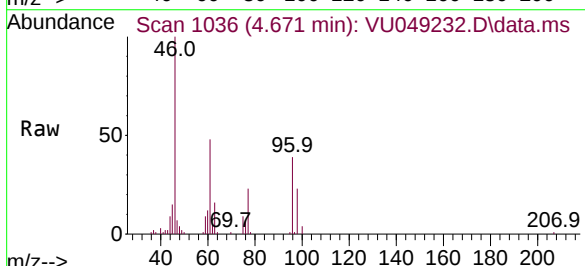
Tgt Ion: 96 Resp: 12364

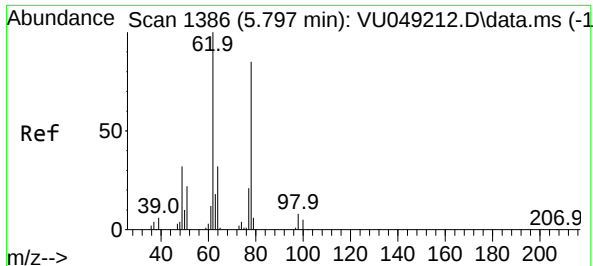
Ion Ratio Lower Upper

96 100

61 124.5 99.5 184.9

98 59.3 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.262 ug/L

RT: 5.806 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

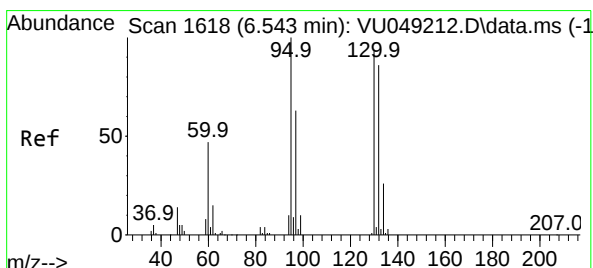
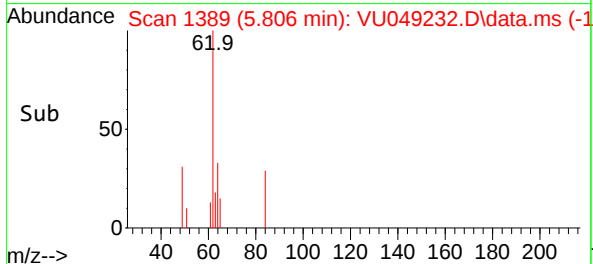
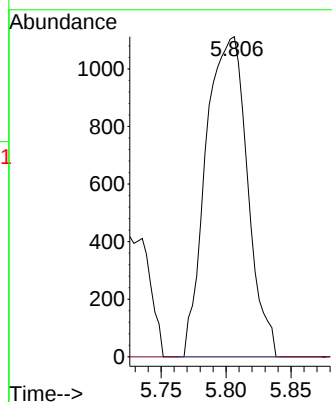
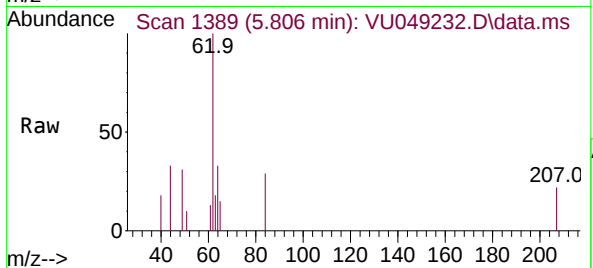
ClientSampleId :

Tgt Ion: 62 Resp: 2469

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#34

Trichloroethene

Concen: 2.594 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Tgt Ion: 95 Resp: 21145

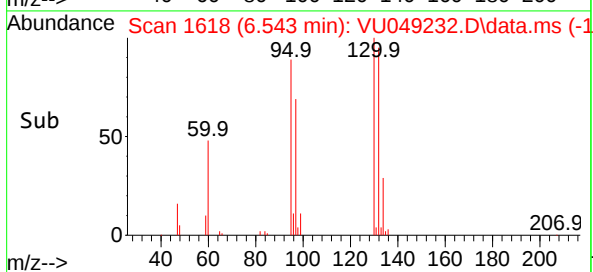
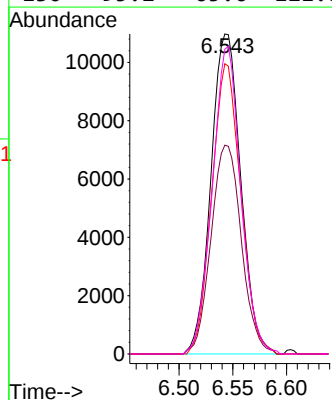
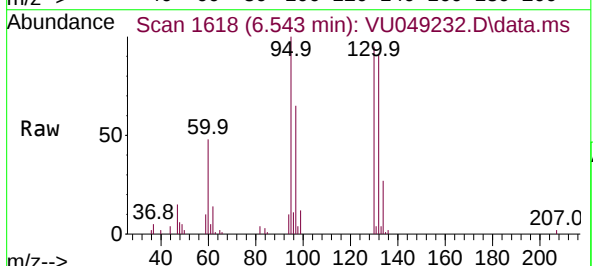
Ion Ratio Lower Upper

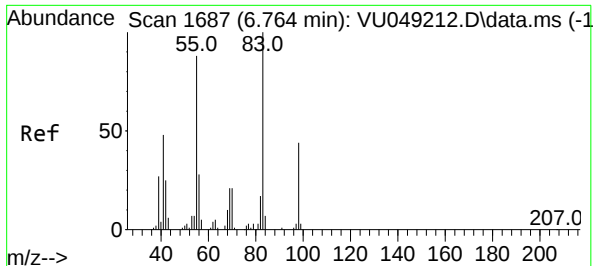
95 100

97 65.2 45.3 84.1

132 90.7 61.5 114.3

130 95.2 65.6 121.8

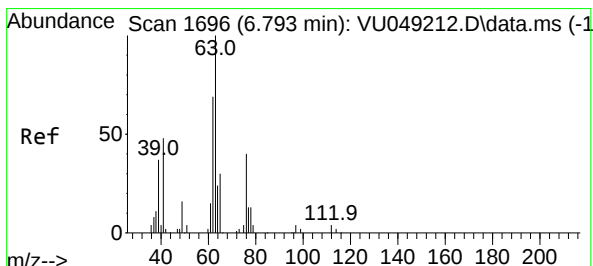
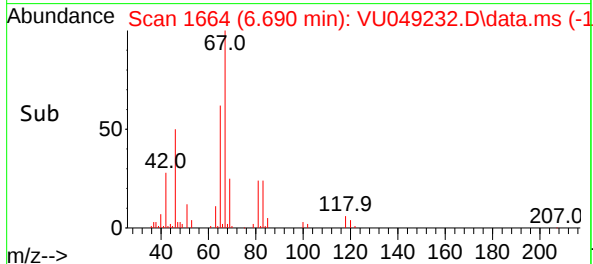
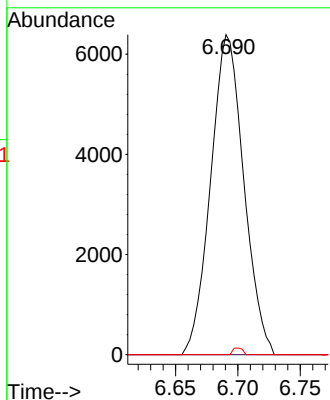
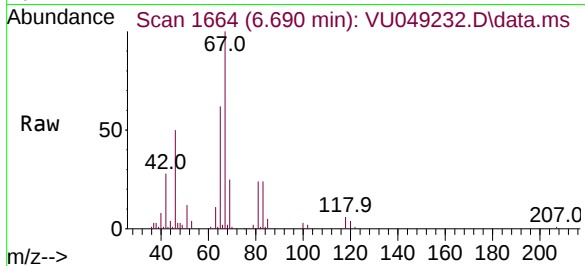




#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049232.D
Acq: 17 Jun 2022 02:18

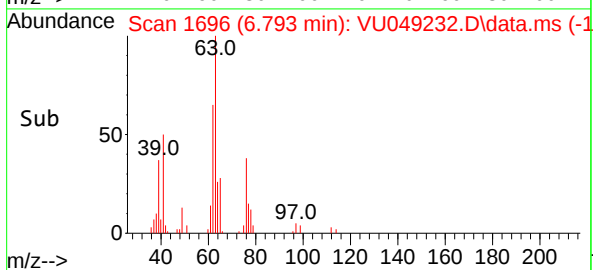
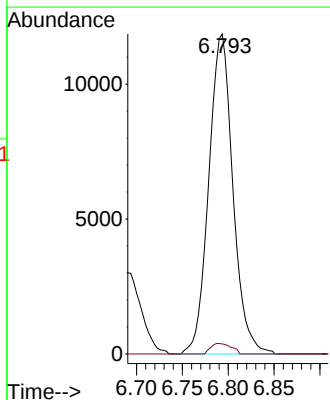
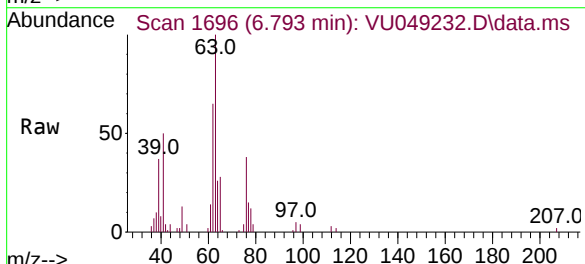
Instrument :
MSVOA_U
ClientSampleId :

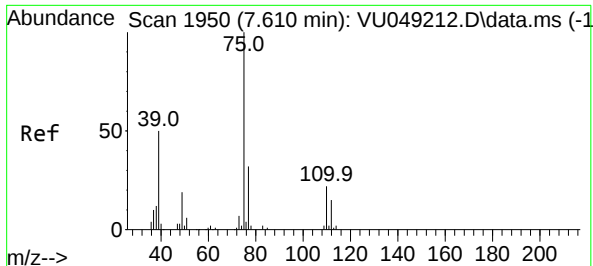
Tgt Ion: 83 Resp: 11812
Ion Ratio Lower Upper
83 100
55 0.0 66.9 100.3#
98 0.6 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 2.481 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU049232.D
Acq: 17 Jun 2022 02:18

Tgt Ion: 63 Resp: 21743
Ion Ratio Lower Upper
63 100
112 2.8 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

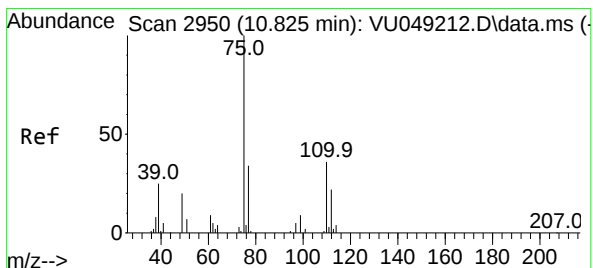
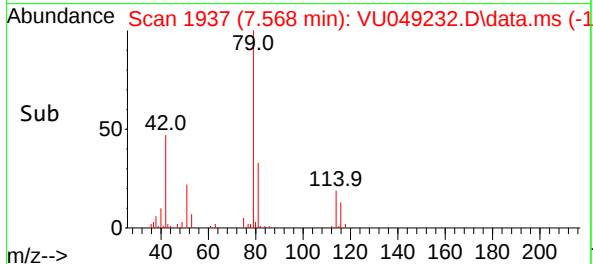
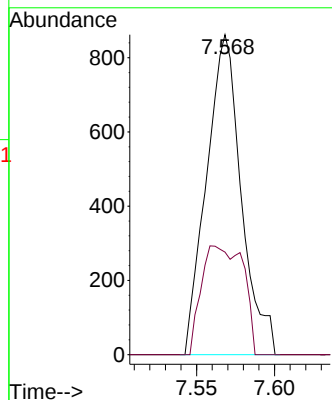
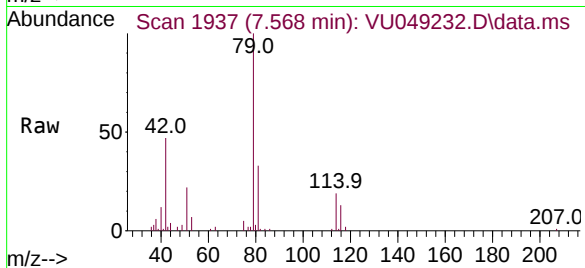
ClientSampleId :

Tgt Ion: 75 Resp: 1335

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 1.127 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Tgt Ion: 75 Resp: 6756

Ion Ratio Lower Upper

75 100

110 0.0 29.0 43.4#

77 33.1 26.2 39.2

