

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049232.D
 Acq On : 17 Jun 2022 02:18
 Operator : SY/MD
 Sample : N3320-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ94

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)

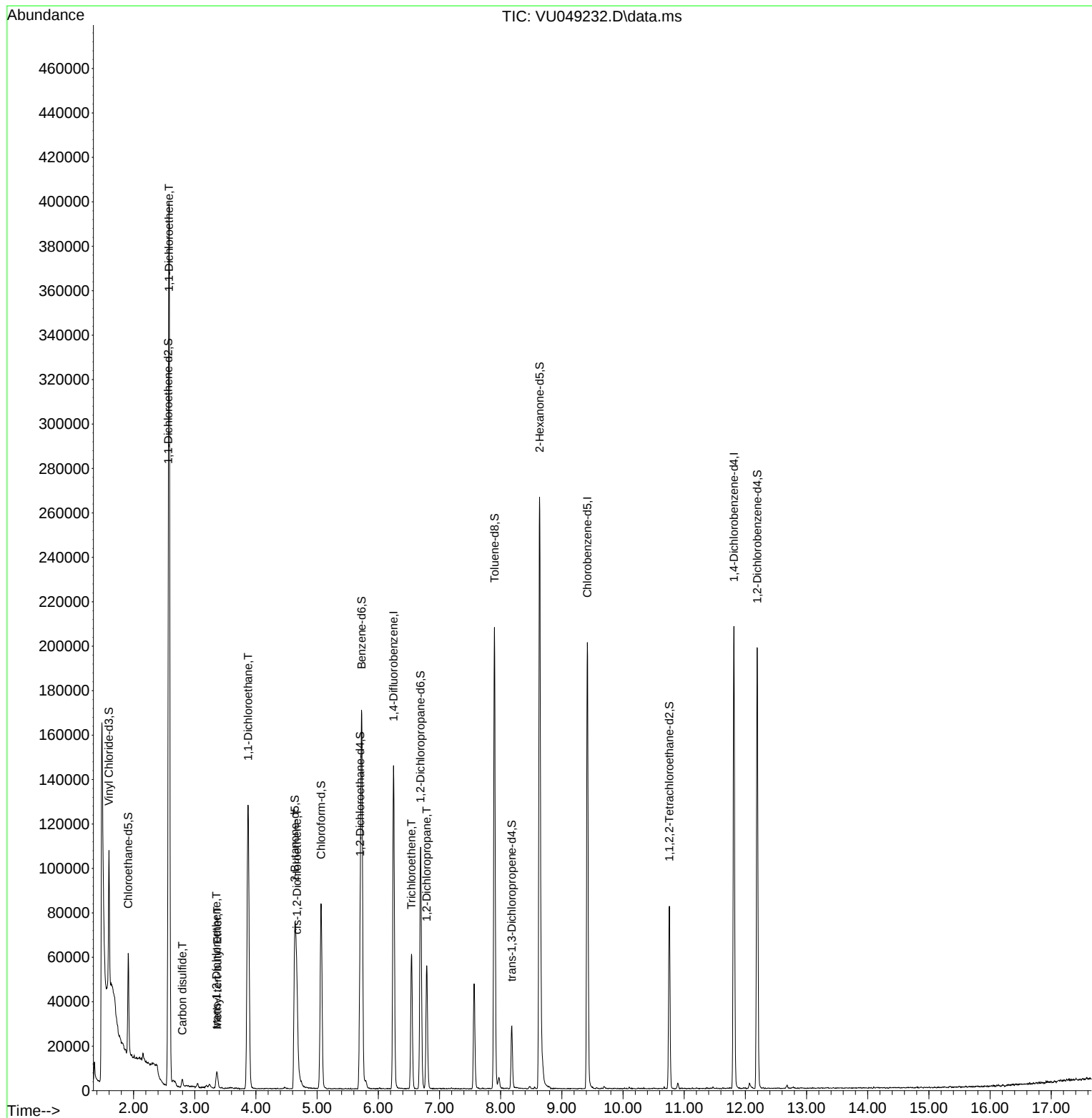
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	115896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	107175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39085	3.860	ug/L	0.00
Spiked Amount	5.000	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
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
34) Trichloroethene	6.543	95	21145	2.594	ug/L	98
37) 1,2-Dichloropropane	6.793	63	21743	2.481	ug/L #	98

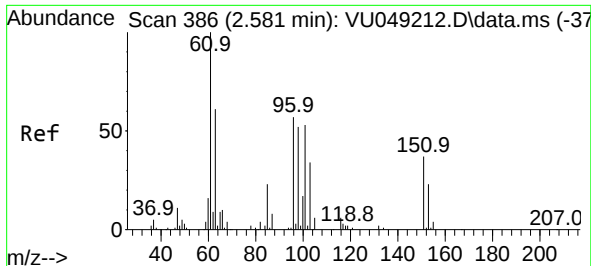
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

BGJ94

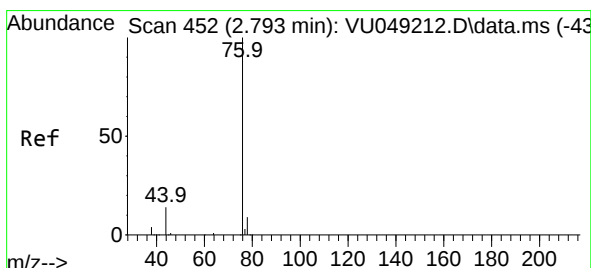
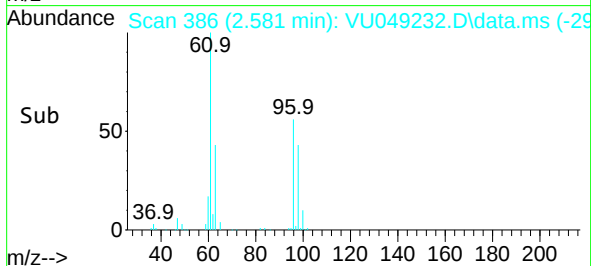
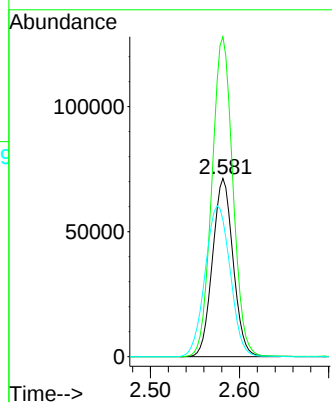
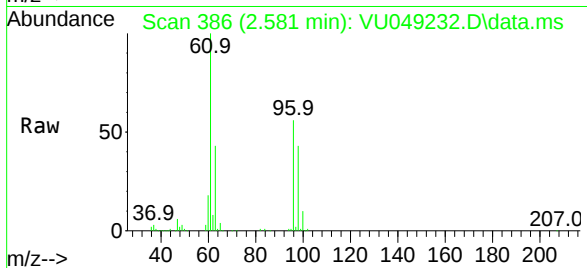
Tgt Ion: 96 Resp: 114509

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

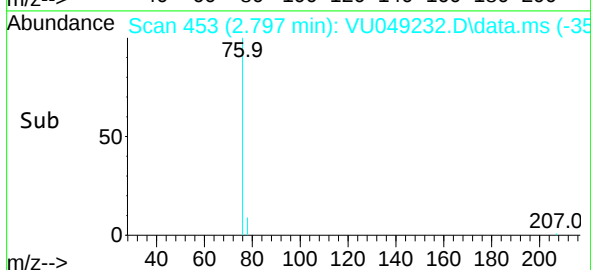
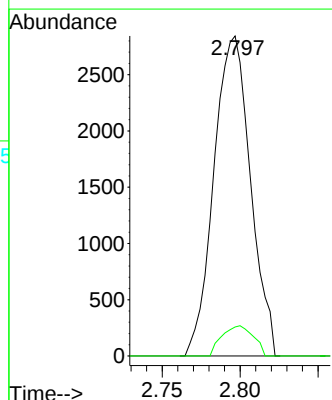
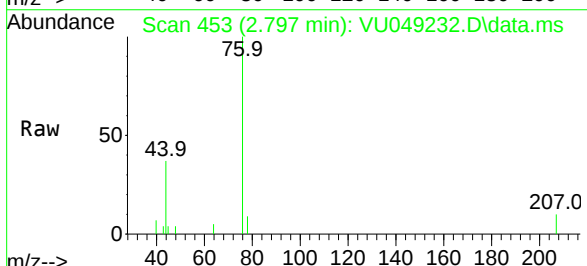
Acq: 17 Jun 2022 02:18

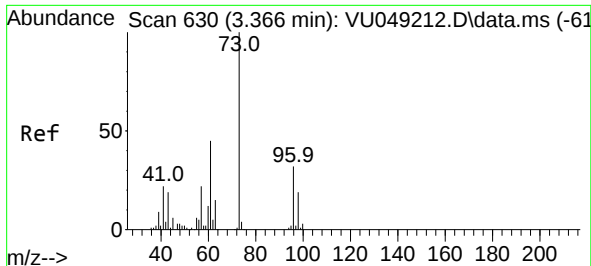
Tgt Ion: 76 Resp: 4650

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

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

ClientSampleId :

BGJ94

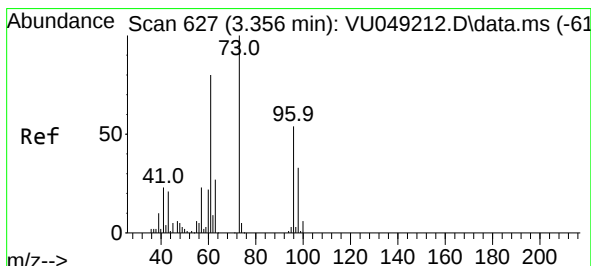
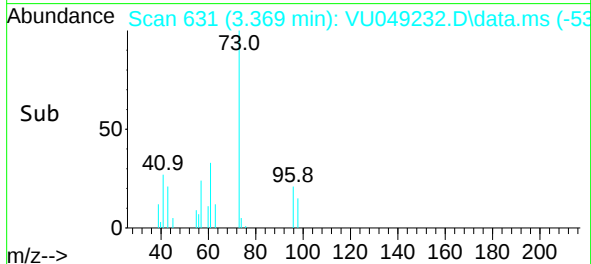
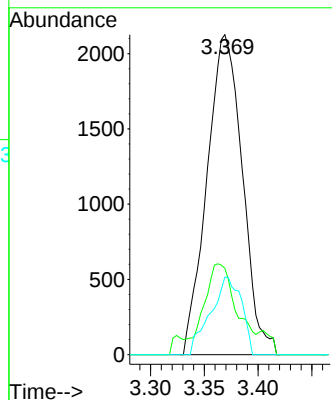
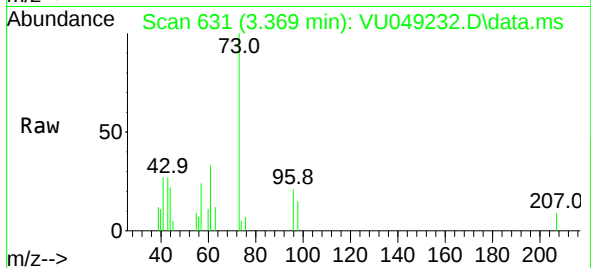
Tgt Ion: 73 Resp: 4875

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

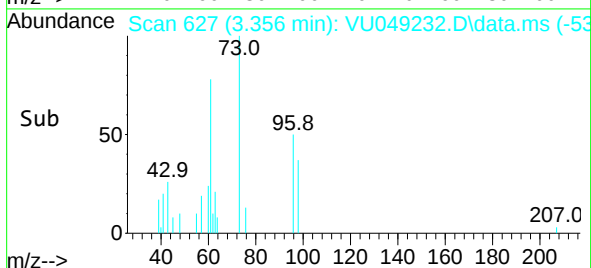
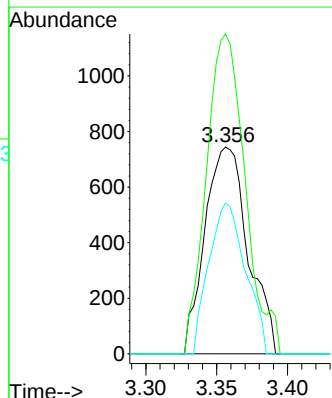
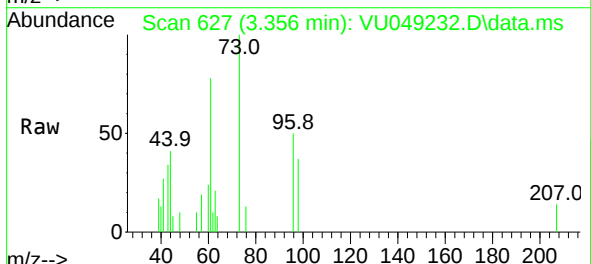
Tgt Ion: 96 Resp: 1577

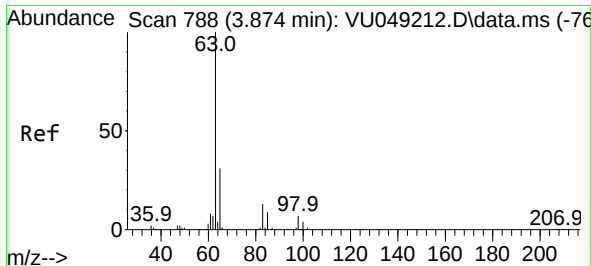
Ion Ratio Lower Upper

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

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

ClientSampleId :

BGJ94

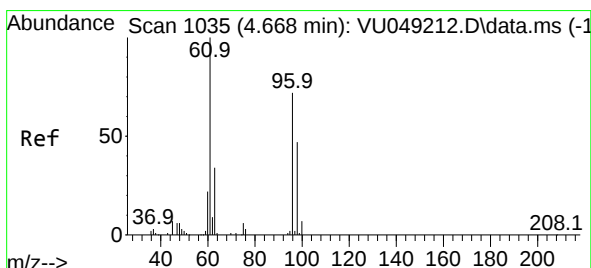
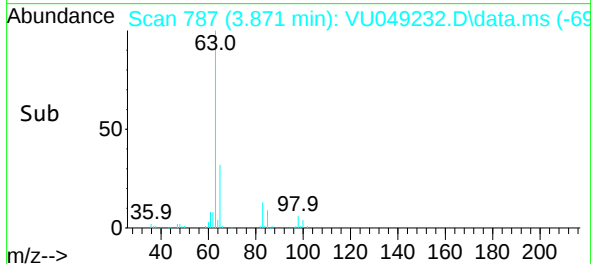
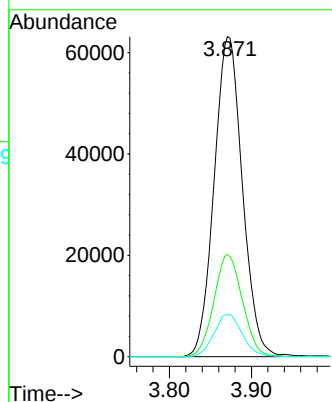
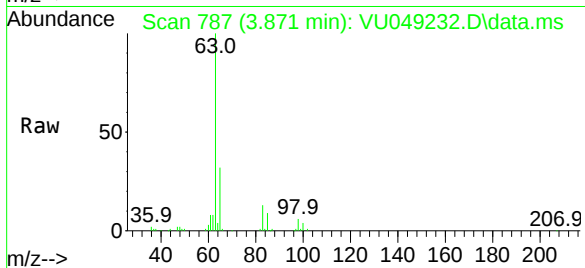
Tgt Ion: 63 Resp: 150923

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

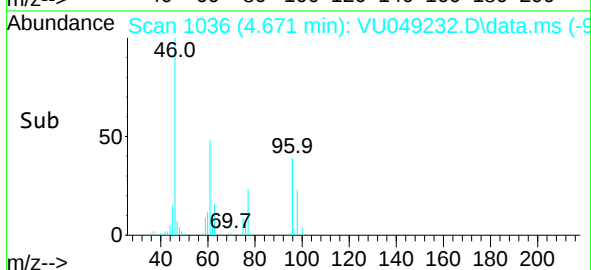
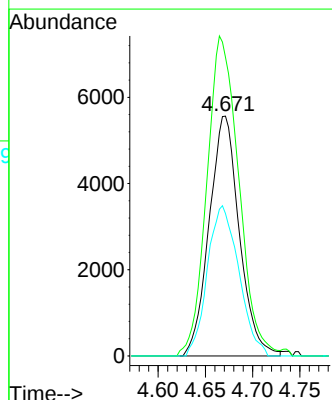
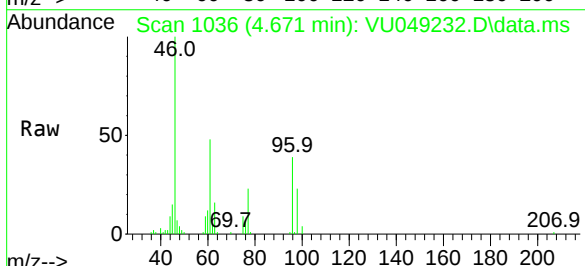
Tgt Ion: 96 Resp: 12364

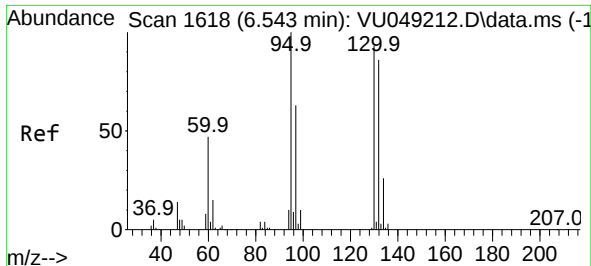
Ion Ratio Lower Upper

96 100

61 124.5 99.5 184.9

98 59.3 44.8 83.2





#34

Trichloroethene

Concen: 2.594 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049232.D

Acq: 17 Jun 2022 02:18

Instrument :

MSVOA_U

ClientSampleId :

BGJ94

Tgt Ion: 95 Resp: 21145

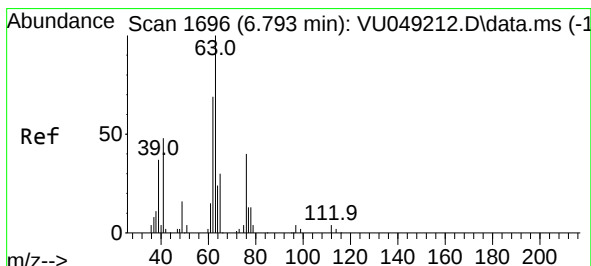
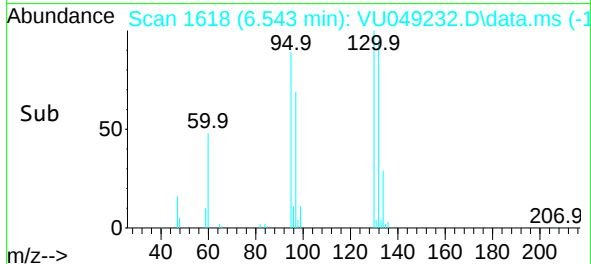
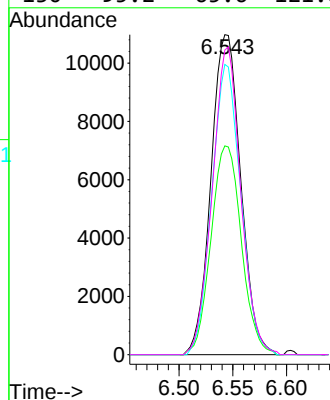
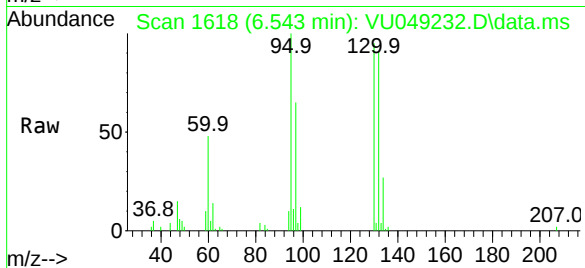
Ion Ratio Lower Upper

95 100

97 65.2 45.3 84.1

132 90.7 61.5 114.3

130 95.2 65.6 121.8



#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#

