

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049260.D
 Acq On : 17 Jun 2022 21:43
 Operator : SY/MD
 Sample : N3320-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ94

Quant Time: Jun 18 05:50:48 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)

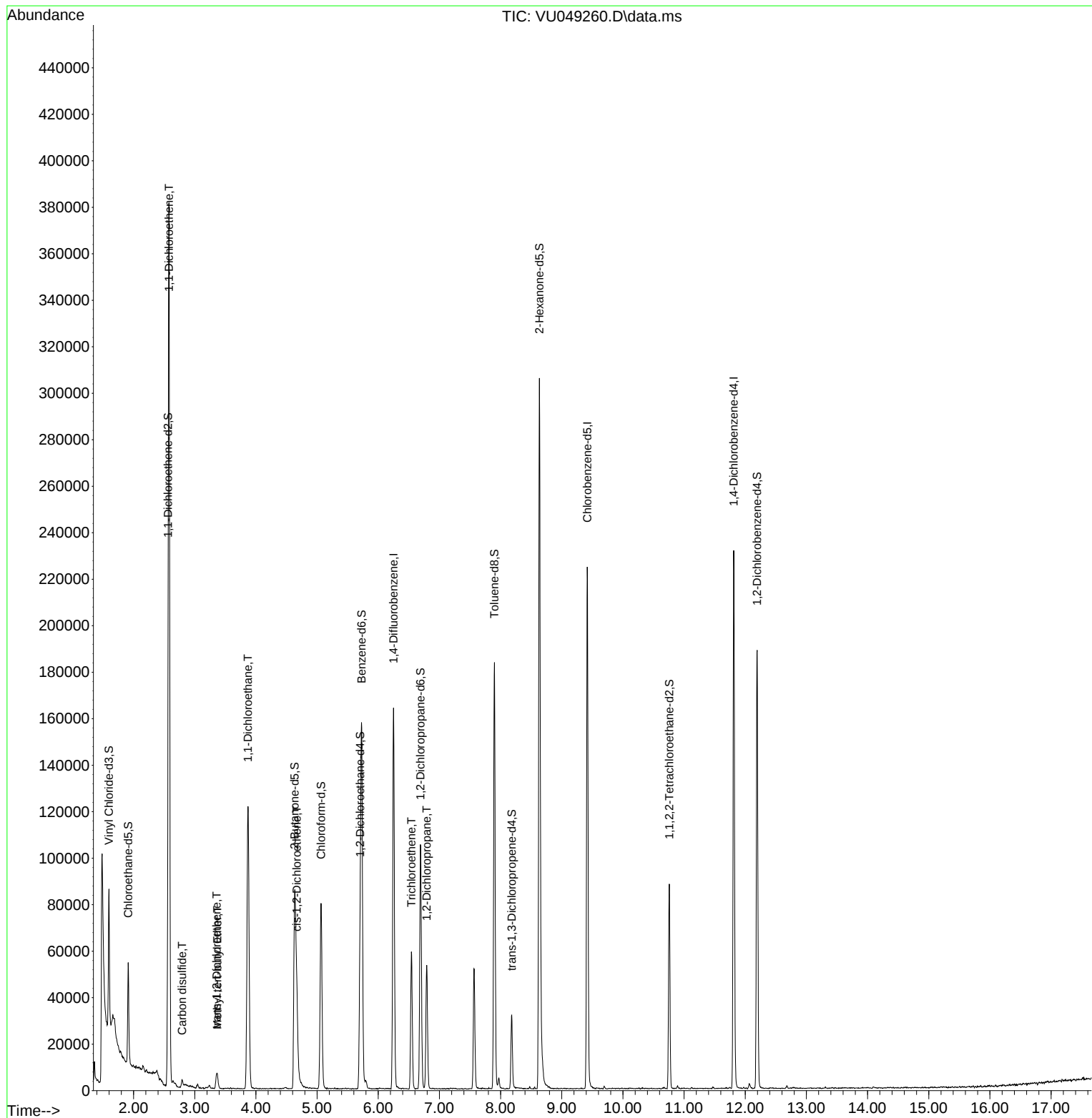
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	129219	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40033	3.546	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.912	69	29965	3.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.565	65	15664	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.633	46	149858	49.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	5.067	84	73814	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.703	65	41664	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.729	84	142574	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.690	67	50993	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.899	98	119133	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.182	79	18838	3.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.636	63	106885	48.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43513	4.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	47721	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	108924	14.991	ug/L #	78
14) Carbon disulfide	2.793	76	3773	0.157	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	4889	0.222	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	1746	0.217	ug/L	87
19) 1,1-Dichloroethane	3.871	63	142871	9.001	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	11522	1.280	ug/L	95
34) Trichloroethene	6.542	95	19870	2.171	ug/L	98
37) 1,2-Dichloropropane	6.793	63	21082	2.143	ug/L	100

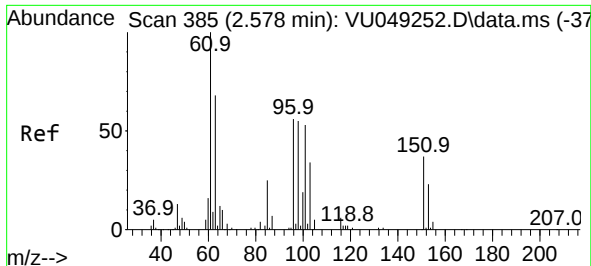
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 14.991 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU049260.D

Acq: 17 Jun 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

BGJ94

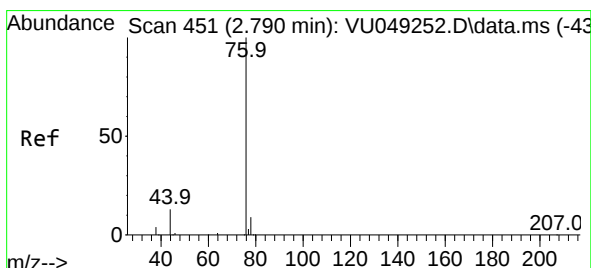
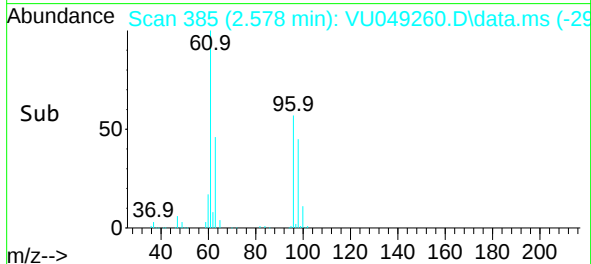
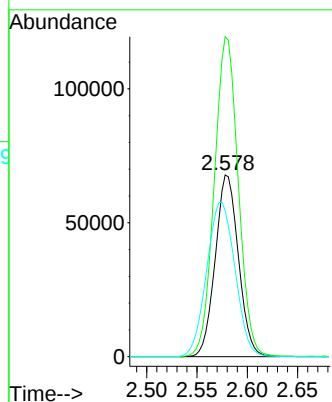
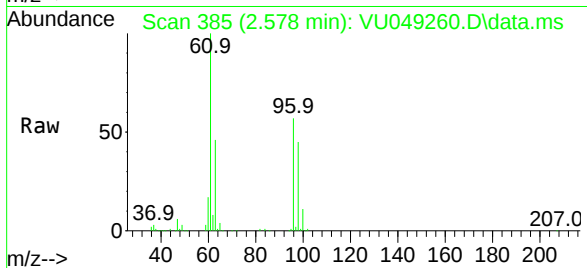
Tgt Ion: 96 Resp: 108924

Ion Ratio Lower Upper

96 100

61 176.0 127.2 236.2

63 80.4 94.7 175.9#



#14

Carbon disulfide

Concen: 0.157 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049260.D

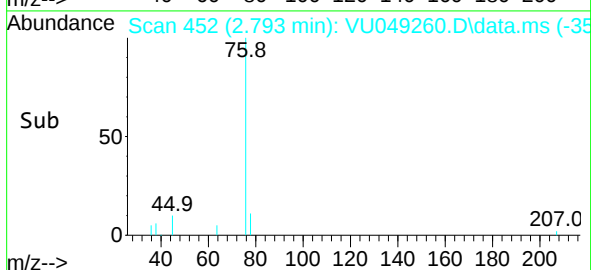
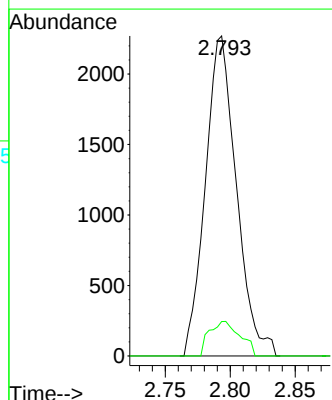
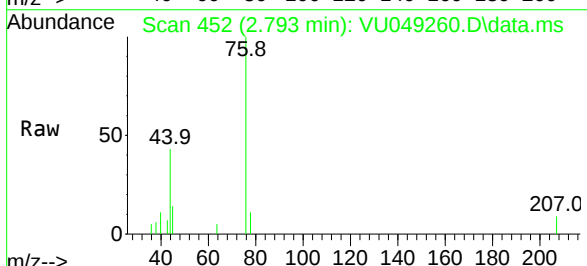
Acq: 17 Jun 2022 21:43

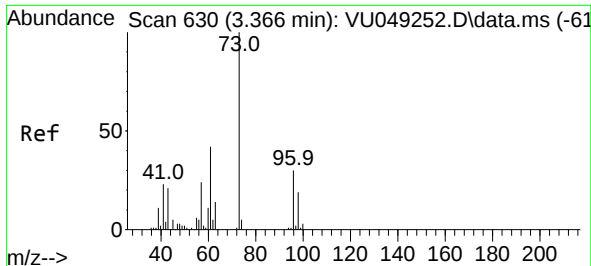
Tgt Ion: 76 Resp: 3773

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3





#17

Methyl tert-butyl Ether

Concen: 0.222 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU049260.D

Acq: 17 Jun 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

BGJ94

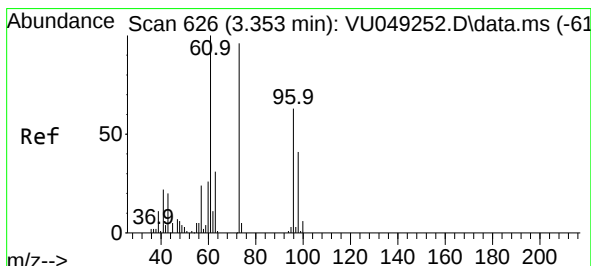
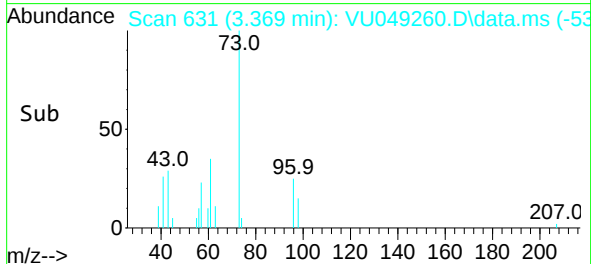
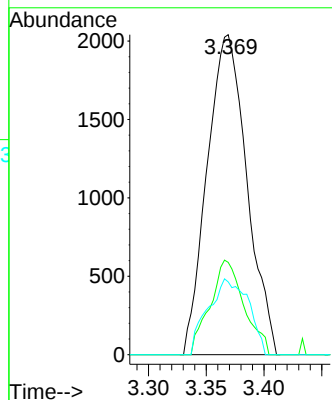
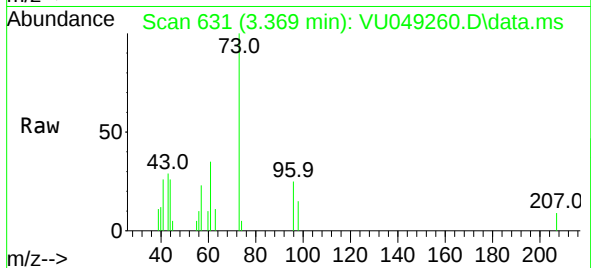
Tgt Ion: 73 Resp: 4889

Ion Ratio Lower Upper

73 100

43 25.3 16.5 24.7#

57 24.0 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 0.217 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU049260.D

Acq: 17 Jun 2022 21:43

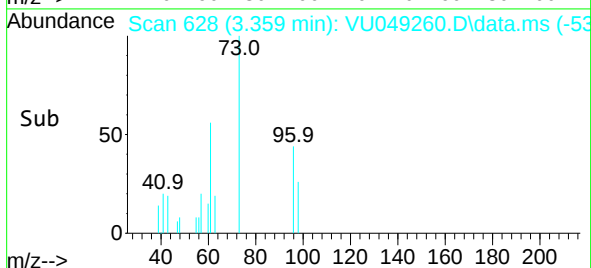
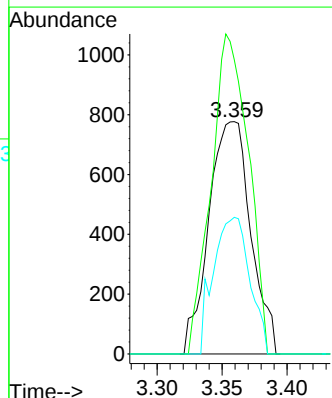
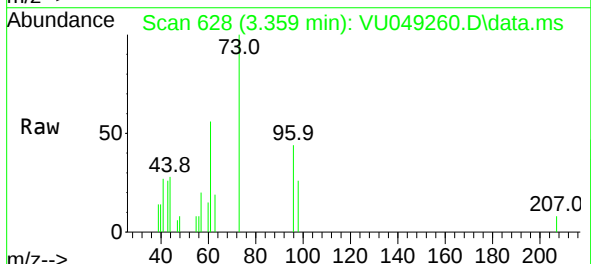
Tgt Ion: 96 Resp: 1746

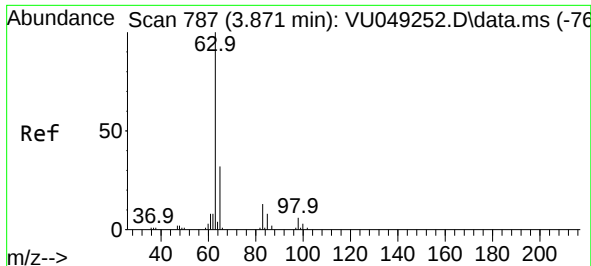
Ion Ratio Lower Upper

96 100

61 126.6 103.3 191.9

98 58.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 9.001 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049260.D

Acq: 17 Jun 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

BGJ94

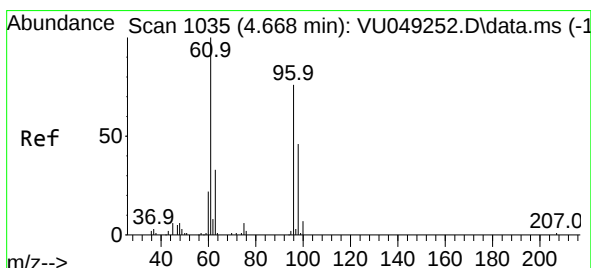
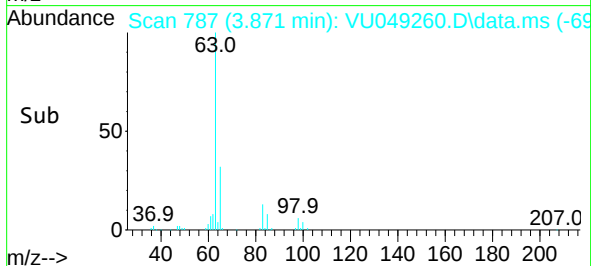
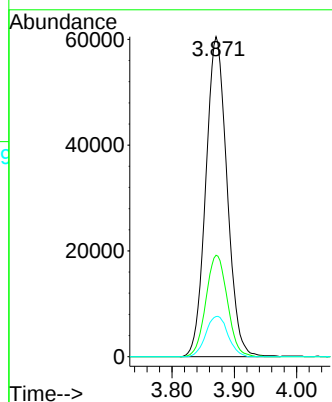
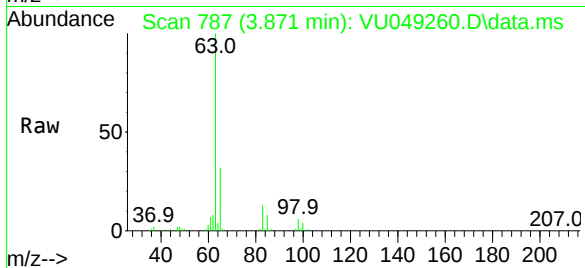
Tgt Ion: 63 Resp: 142871

Ion Ratio Lower Upper

63 100

65 31.7 24.0 44.6

83 12.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 1.280 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049260.D

Acq: 17 Jun 2022 21:43

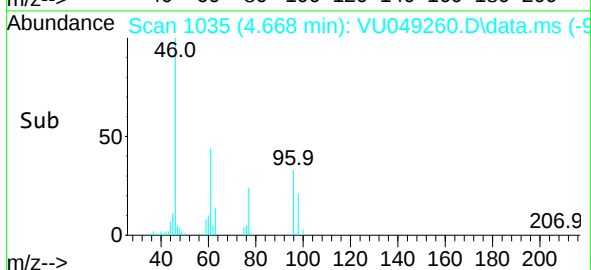
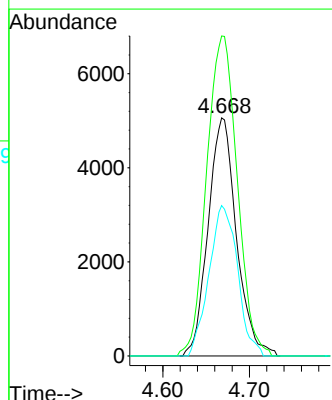
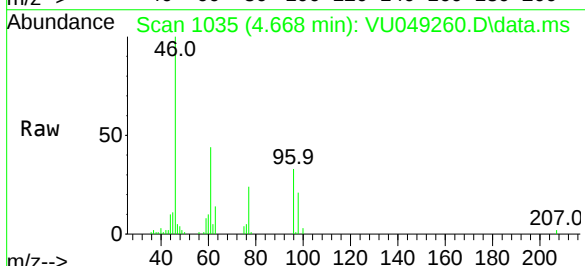
Tgt Ion: 96 Resp: 11522

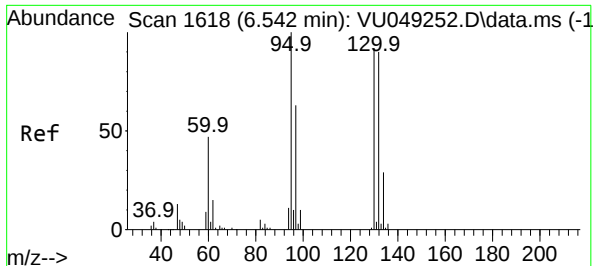
Ion Ratio Lower Upper

96 100

61 134.4 99.5 184.9

98 63.1 44.8 83.2



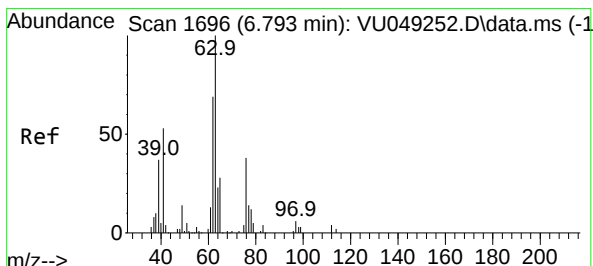
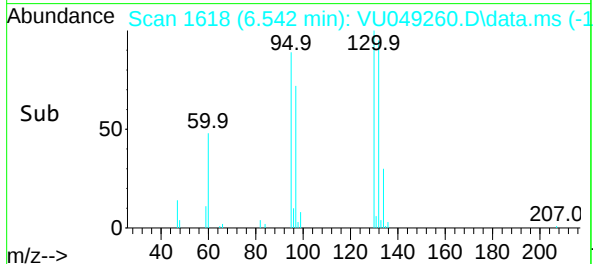
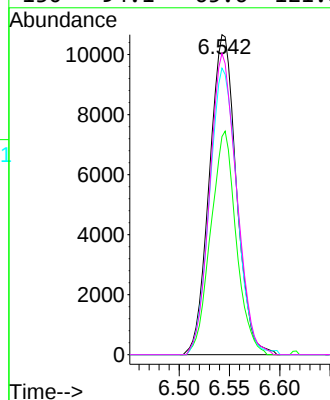
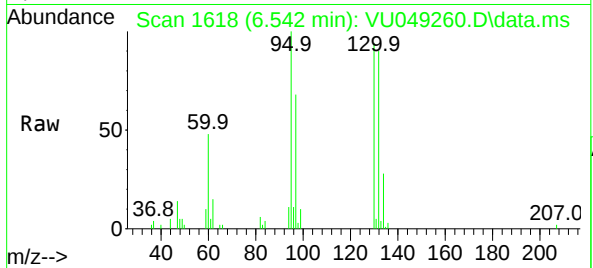


#34
 Trichloroethene
 Concen: 2.171 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: VU049260.D
 Acq: 17 Jun 2022 21:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ94

Tgt Ion: 95 Resp: 19870

Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.3	84.1
132	89.6	61.5	114.3
130	94.1	65.6	121.8



#37
 1,2-Dichloropropane
 Concen: 2.143 ug/L
 RT: 6.793 min Scan# 1696
 Delta R.T. 0.000 min
 Lab File: VU049260.D
 Acq: 17 Jun 2022 21:43

Tgt Ion: 63 Resp: 21082

Ion	Ratio	Lower	Upper
63	100		
112	3.4	2.8	4.2

