

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049892.D
 Acq On : 26 Jul 2022 02:15
 Operator : SY/MD
 Sample : N3870-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ08

Quant Time: Jul 26 06:49:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

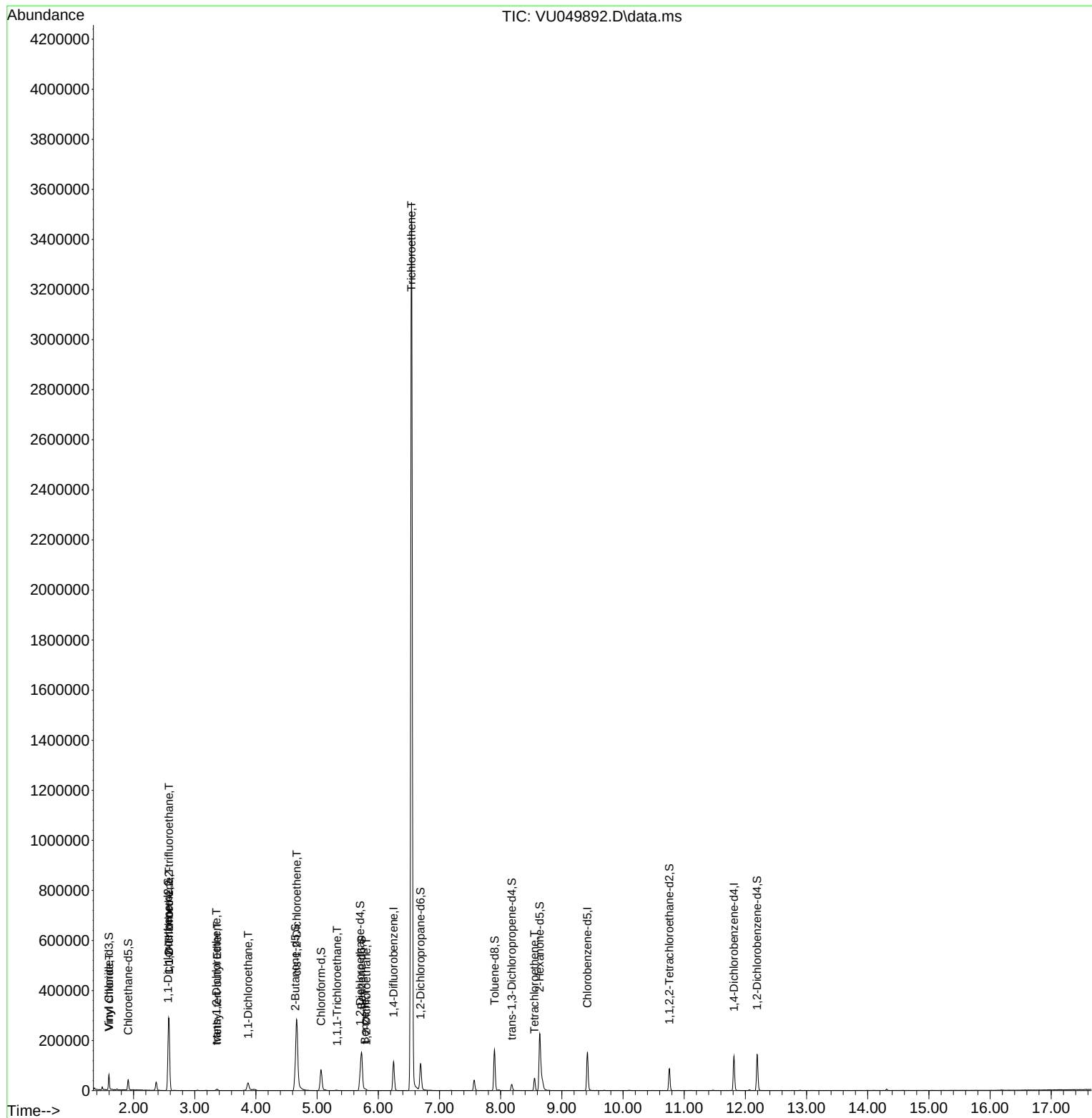
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	31451	4.365	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.913	69	28935	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.562	65	14486	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.646	46	142710	55.045	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.064	84	75882	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.703	65	45213	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.729	84	134886	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	49010	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.899	98	107050	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.182	79	14777	4.213	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.636	63	69408	49.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42784	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	36098	5.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	11130	1.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	73602	12.664	ug/L	98
12) 1,1-Dichloroethene	2.578	96	21457	3.649	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	4286	0.225	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	748	0.110	ug/L #	88
19) 1,1-Dichloroethane	3.874	63	32632	2.221	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	120847	15.349	ug/L	97
27) 1,2-Dichloroethane	5.803	62	3421	0.320	ug/L #	79
29) 1,1,1-Trichloroethane	5.324	97	1331	0.116	ug/L #	83
33) Benzene	5.781	78	4582	0.154	ug/L	100
34) Trichloroethene	6.543	95	1194383	165.433	ug/L	98
47) Tetrachloroethene	8.552	164	10267	2.066	ug/L	95

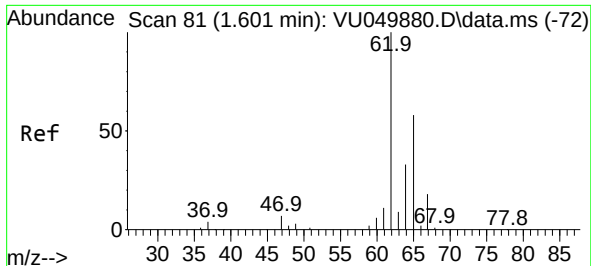
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
Data File : VU049892.D
Acq On : 26 Jul 2022 02:15
Operator : SY/MD
Sample : N3870-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ08

Quant Time: Jul 26 06:49:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 26 06:46:04 2022
Response via : Initial Calibration

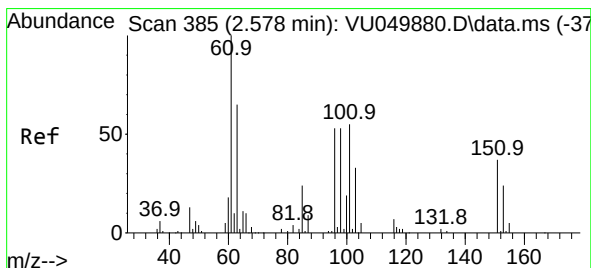
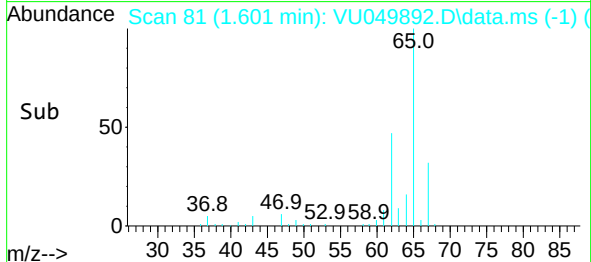
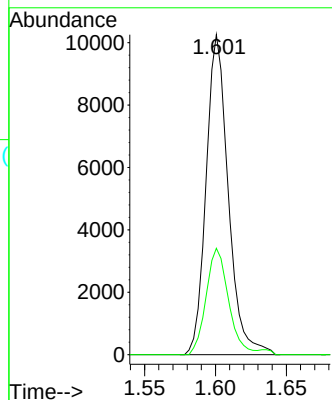
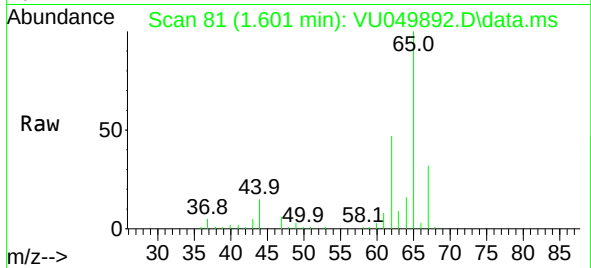




#5
 Vinyl chloride
 Concen: 1.152 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049892.D
 Acq: 26 Jul 2022 02:15

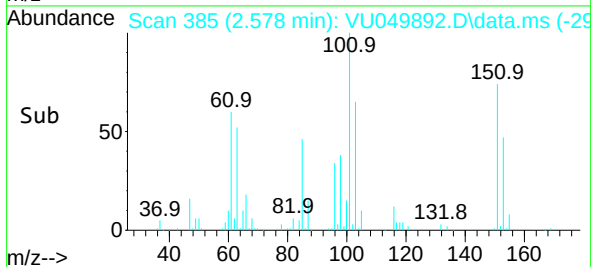
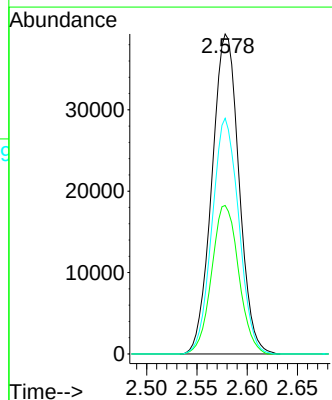
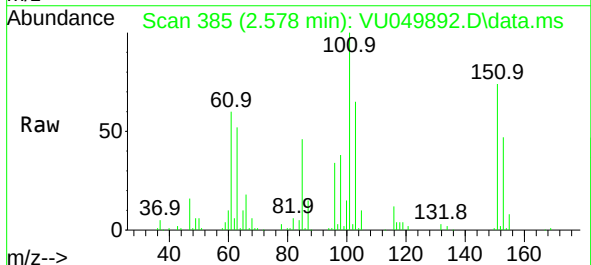
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ08

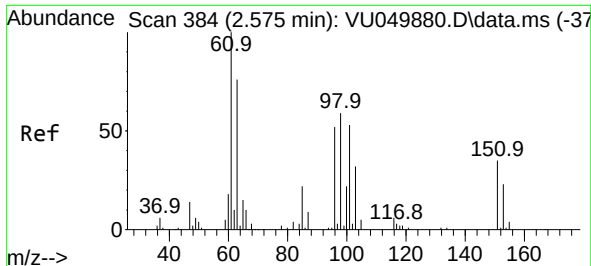
Tgt Ion: 62 Resp: 11130
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.7 42.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.664 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049892.D
 Acq: 26 Jul 2022 02:15

Tgt Ion: 101 Resp: 73602
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.2 55.8
 151 72.8 56.0 84.0





#12

1,1-Dichloroethene

Concen: 3.649 ug/L

RT: 2.578 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049892.D

Acq: 26 Jul 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

GBJ08

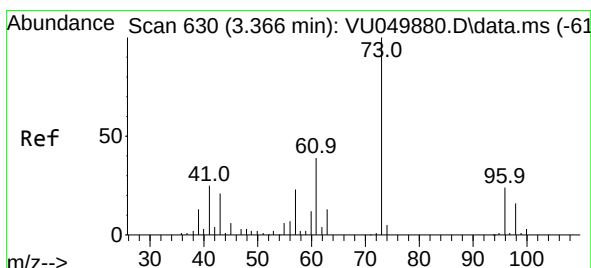
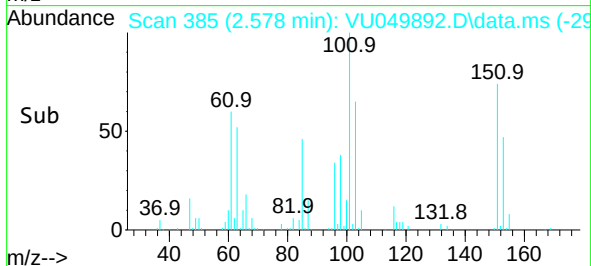
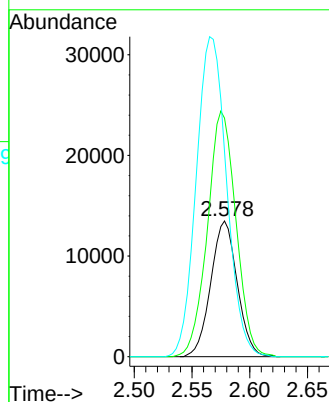
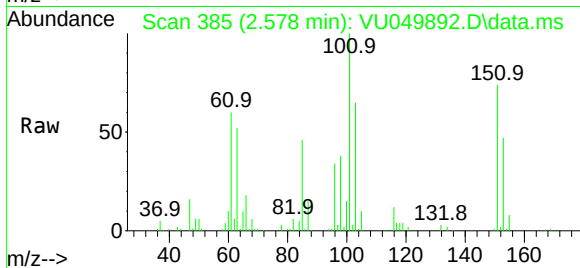
Tgt Ion: 96 Resp: 21457

Ion Ratio Lower Upper

96 100

61 175.9 131.6 244.4

63 151.3 100.0 185.6



#17

Methyl tert-butyl Ether

Concen: 0.225 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU049892.D

Acq: 26 Jul 2022 02:15

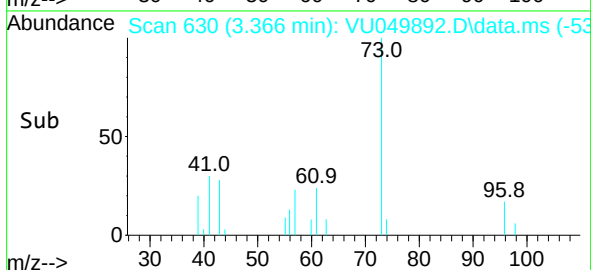
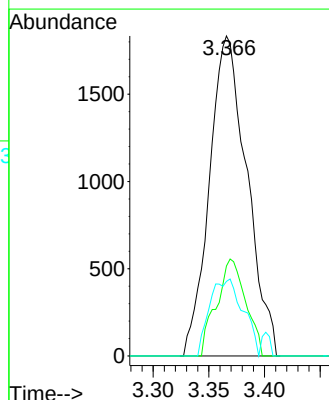
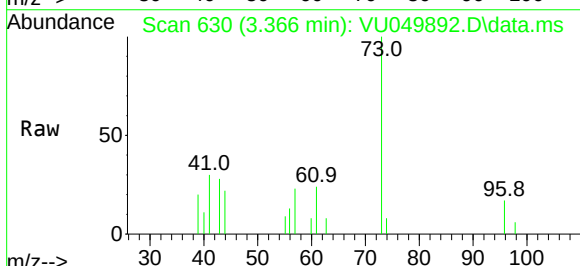
Tgt Ion: 73 Resp: 4286

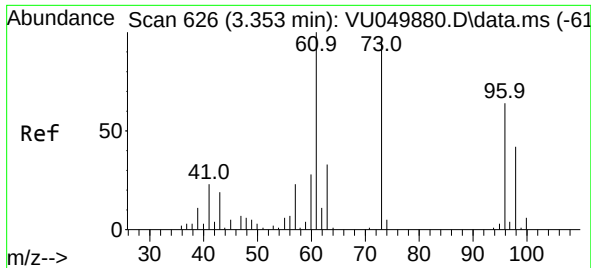
Ion Ratio Lower Upper

73 100

43 23.6 17.4 26.2

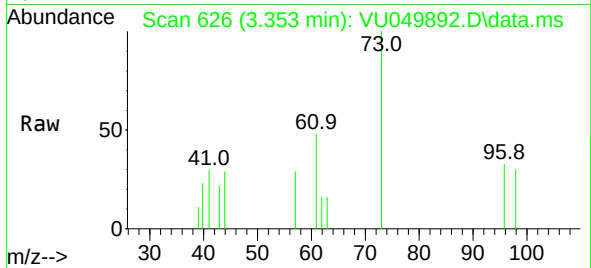
57 21.5 18.7 28.1



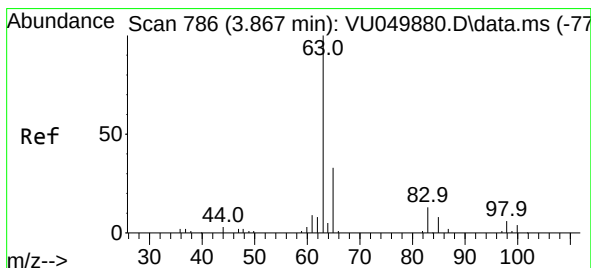
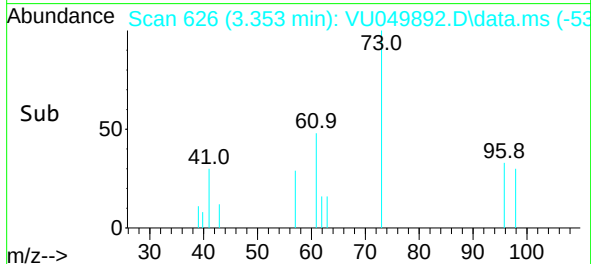
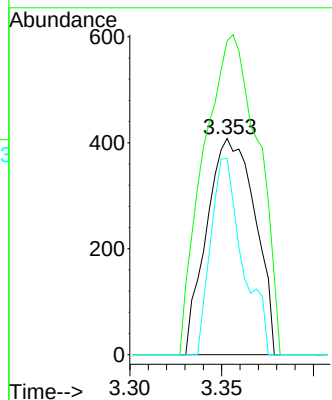


#18
trans-1,2-Dichloroethene
Concen: 0.110 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049892.D
Acq: 26 Jul 2022 02:15

Instrument :
MSVOA_U
ClientSampleId :
GBJ08

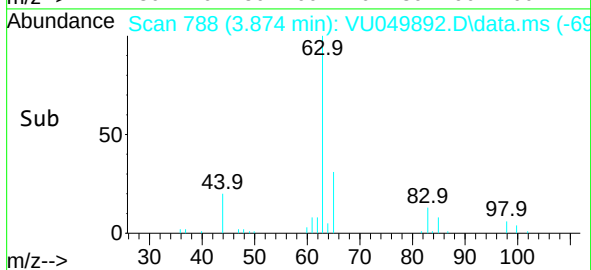
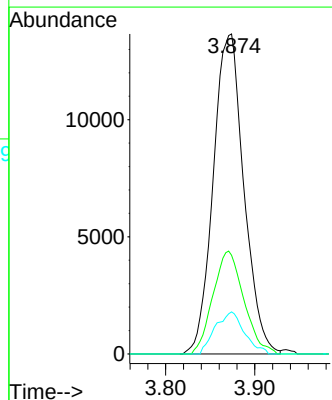
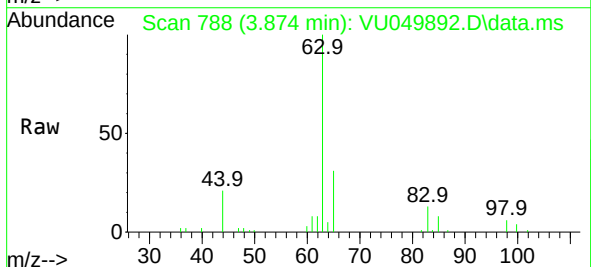


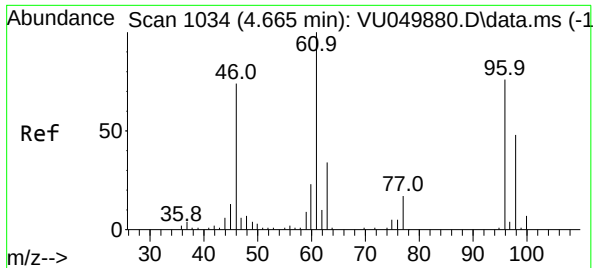
Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 145.1 101.5 188.5
98 90.9 42.5 78.9#



#19
1,1-Dichloroethane
Concen: 2.221 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU049892.D
Acq: 26 Jul 2022 02:15

Tgt Ion: 63 Resp: 32632
Ion Ratio Lower Upper
63 100
65 30.9 22.5 41.9
83 13.1 8.3 15.5





#22

cis-1,2-Dichloroethene

Concen: 15.349 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049892.D

Acq: 26 Jul 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

GBJ08

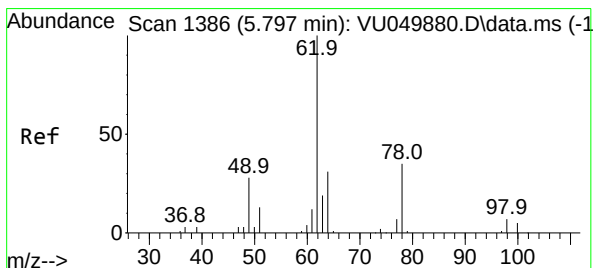
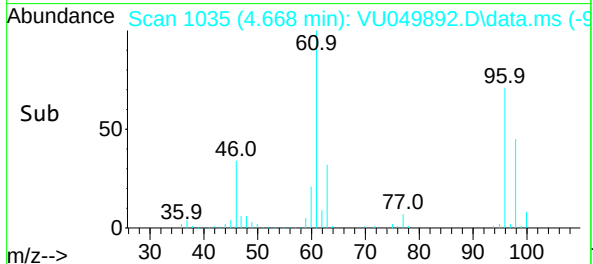
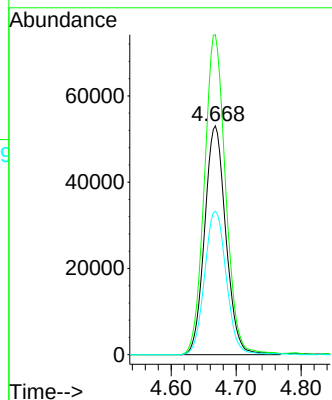
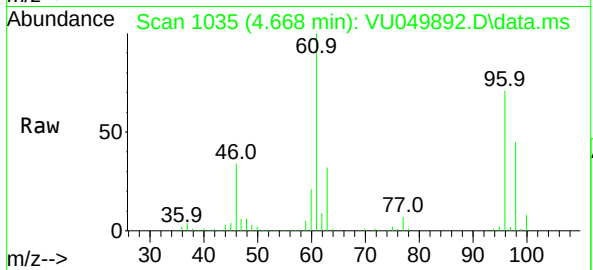
Tgt Ion: 96 Resp: 120847

Ion Ratio Lower Upper

96 100

61 139.9 93.9 174.3

98 62.7 43.9 81.5



#27

1,2-Dichloroethane

Concen: 0.320 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VU049892.D

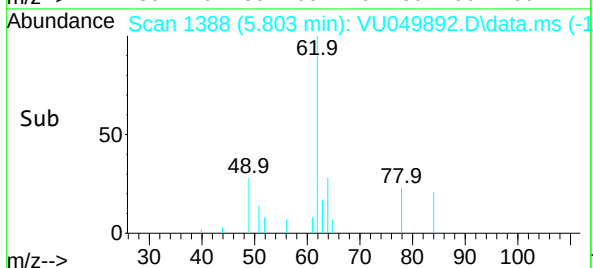
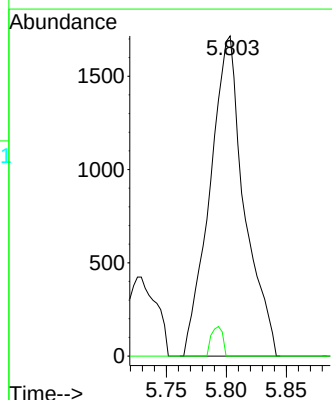
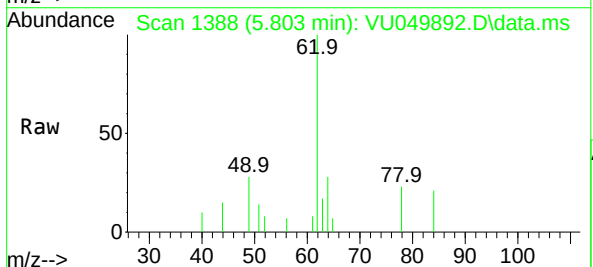
Acq: 26 Jul 2022 02:15

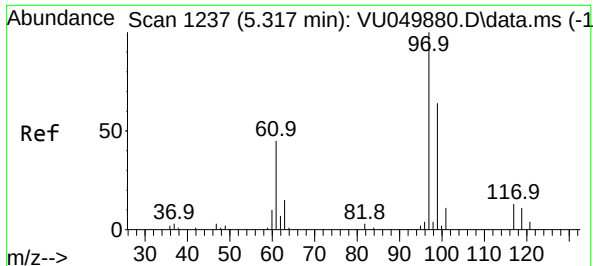
Tgt Ion: 62 Resp: 3421

Ion Ratio Lower Upper

62 100

98 0.0 5.9 8.9#

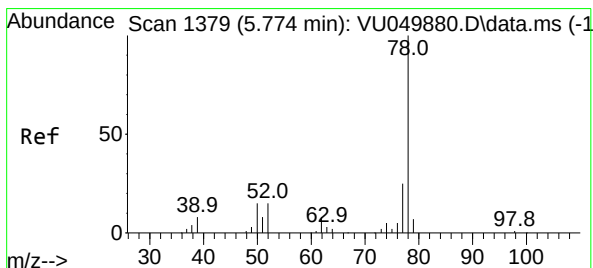
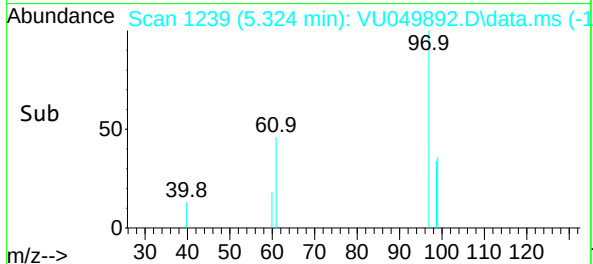
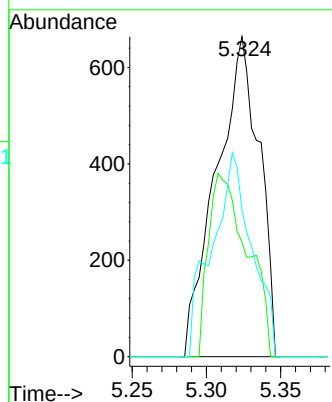
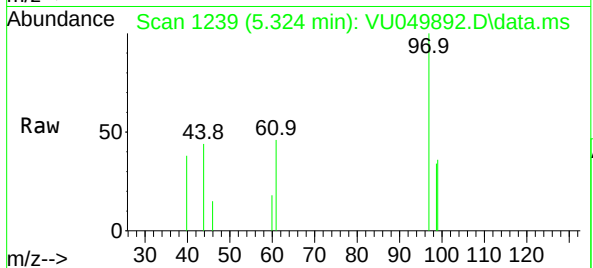




#29
1,1,1-Trichloroethane
Concen: 0.116 ug/L
RT: 5.324 min Scan# 1381
Delta R.T. 0.006 min
Lab File: VU049892.D
Acq: 26 Jul 2022 02:15

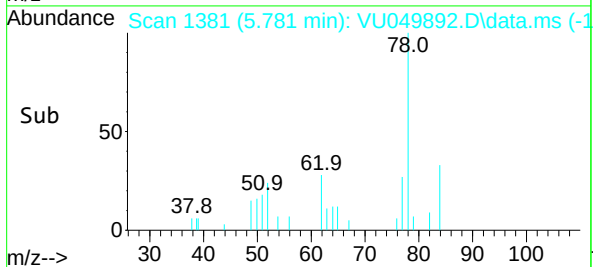
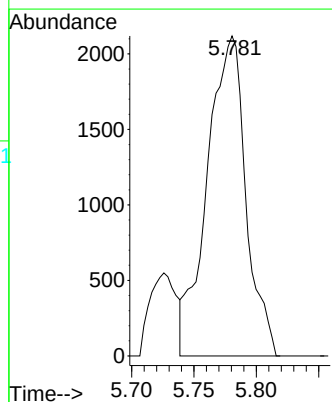
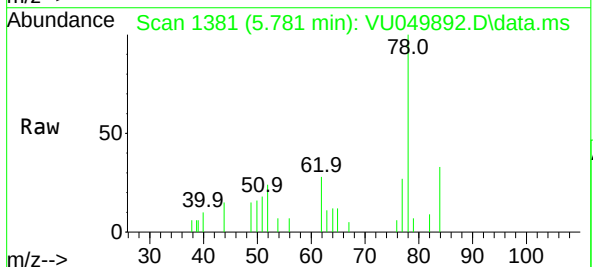
Instrument :
MSVOA_U
ClientSampleId :
GBJ08

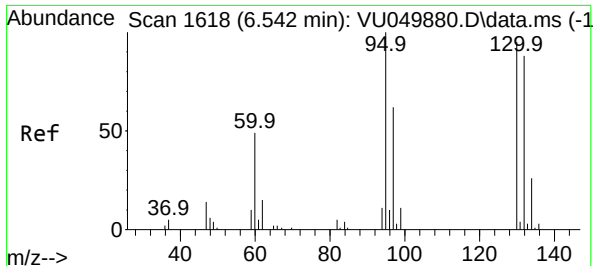
Tgt Ion: 97 Resp: 1331
Ion Ratio Lower Upper
97 100
99 51.9 51.8 77.8
61 59.6 38.3 57.5#



#33
Benzene
Concen: 0.154 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.006 min
Lab File: VU049892.D
Acq: 26 Jul 2022 02:15

Tgt Ion: 78 Resp: 4582

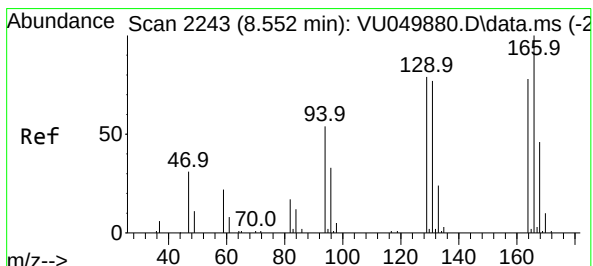
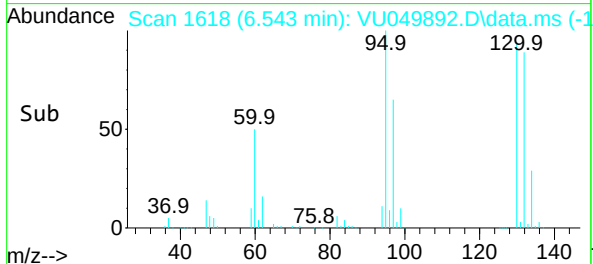
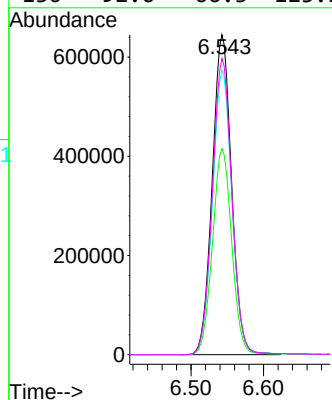
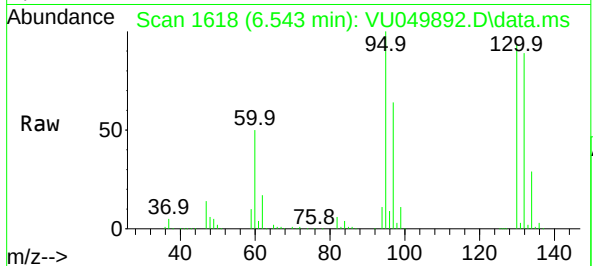




#34
Trichloroethene
Concen: 165.433 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049892.D
Acq: 26 Jul 2022 02:15

Instrument :
MSVOA_U
ClientSampleId :
GBJ08

Tgt Ion: 95 Resp: 1194383
Ion Ratio Lower Upper
95 100
97 64.4 46.8 86.8
132 89.0 61.8 114.8
130 92.6 66.3 123.1



#47
Tetrachloroethene
Concen: 2.066 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049892.D
Acq: 26 Jul 2022 02:15

Tgt Ion:164 Resp: 10267
Ion Ratio Lower Upper
164 100
129 99.2 68.9 127.9
131 98.8 67.5 125.4
166 116.6 89.2 165.8

