

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049886.D
 Acq On : 25 Jul 2022 23:48
 Operator : SY/MD
 Sample : N3870-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ02

Quant Time: Jul 26 06:48:12 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)

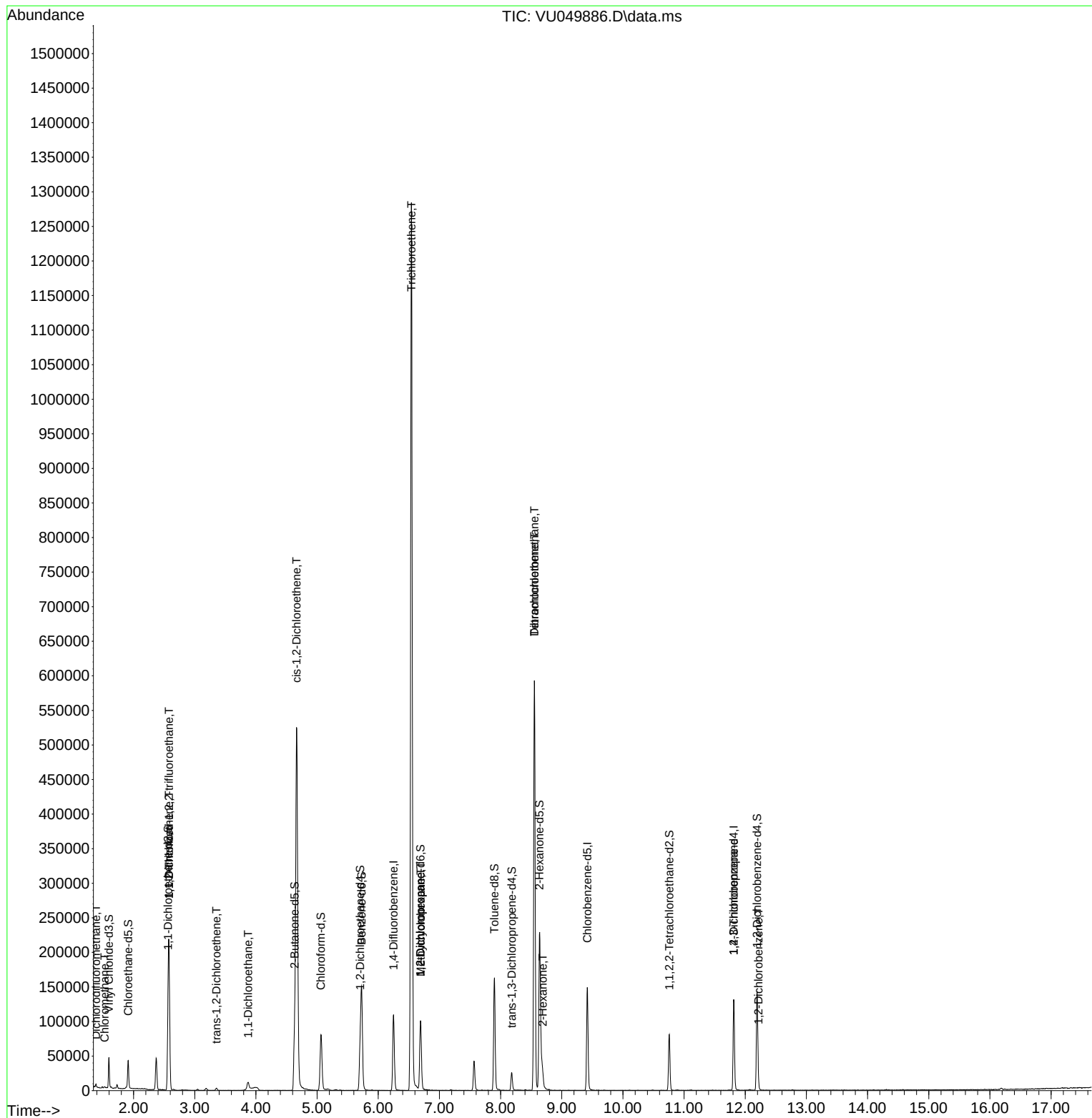
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84128	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31296	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.912	69	28090	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.562	65	13755	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.633	46	131708	53.745	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.500%
24) Chloroform-d	5.063	84	74708	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.703	65	43930	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.729	84	133186	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.690	67	48184	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.899	98	106852	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	14841	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.636	63	70211	52.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40740	5.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	36631	5.311	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
2) Dichlorodifluoromethane	1.385	85	3200	0.360	ug/L	92
3) Chloromethane	1.527	50	1559	0.143	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	64227	11.691	ug/L	99
12) 1,1-Dichloroethene	2.578	96	5381	0.968	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	1174	0.183	ug/L #	67
19) 1,1-Dichloroethane	3.874	63	11814	0.851	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	250671	33.682	ug/L	98
34) Trichloroethene	6.543	95	435110	62.582	ug/L	98
35) Methylcyclohexane	6.694	83	11003	1.283	ug/L #	15
37) 1,2-Dichloropropane	6.690	63	5496	0.672	ug/L #	89
47) Tetrachloroethene	8.552	164	126323	26.394	ug/L	100
48) 2-Hexanone	8.690	43	16527	3.884	ug/L #	80
49) Dibromochloromethane	8.552	129	122026	18.717	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4400	0.988	ug/L #	68
67) 1,2-Dichlorobenzene	12.214	146	1159	0.107	ug/L #	71

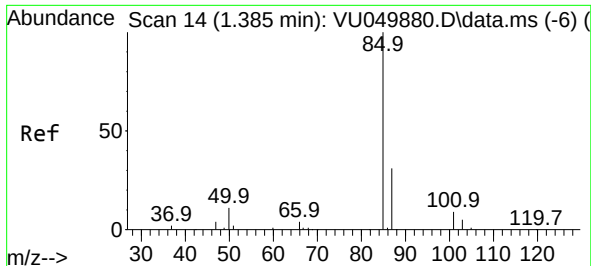
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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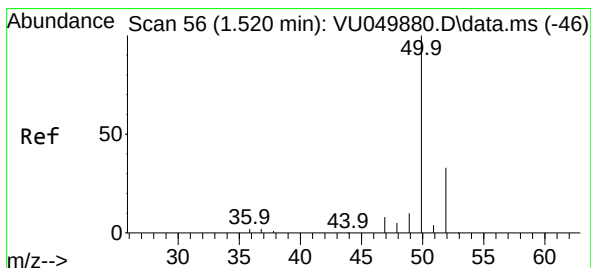
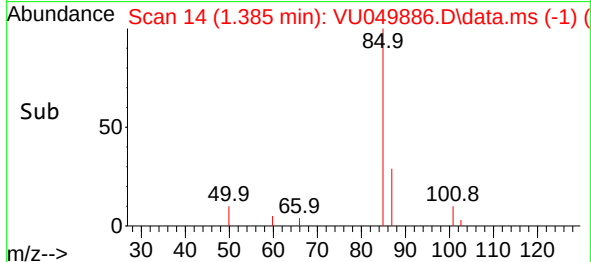
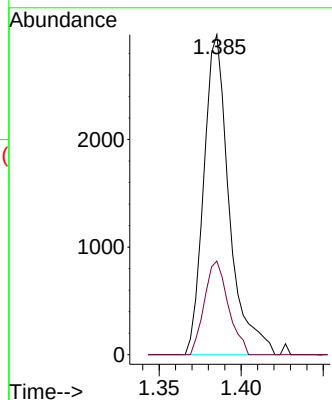
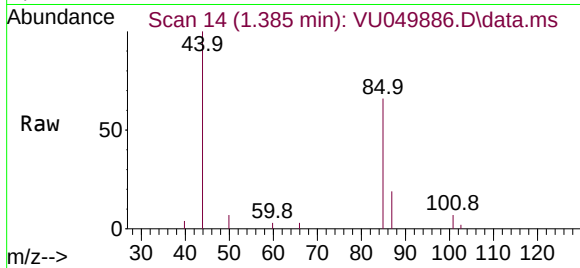




#2
 Dichlorodifluoromethane
 Concen: 0.360 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU049886.D
 Acq: 25 Jul 2022 23:48

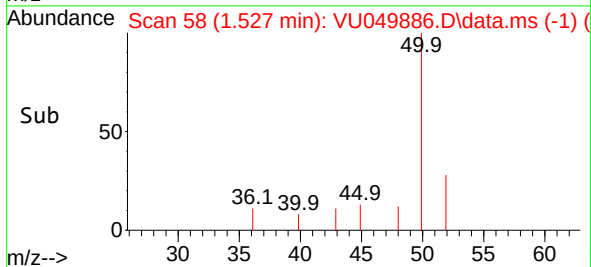
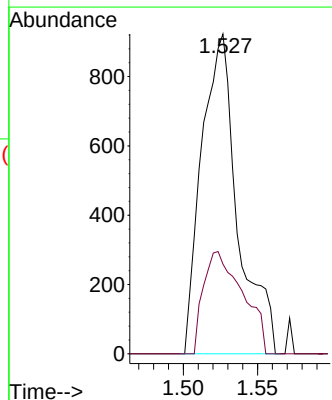
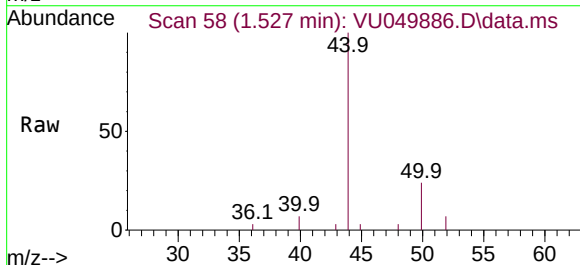
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ02

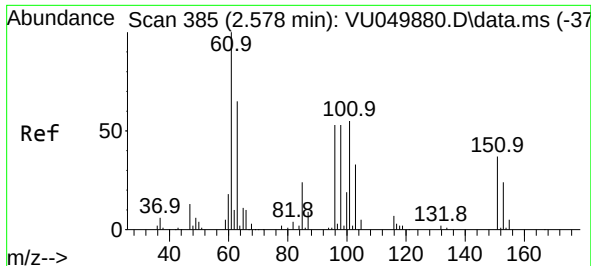
Tgt Ion: 85 Resp: 3200
 Ion Ratio Lower Upper
 85 100
 87 27.6 25.4 38.2



#3
 Chloromethane
 Concen: 0.143 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.006 min
 Lab File: VU049886.D
 Acq: 25 Jul 2022 23:48

Tgt Ion: 50 Resp: 1559
 Ion Ratio Lower Upper
 50 100
 52 28.1 22.5 41.7

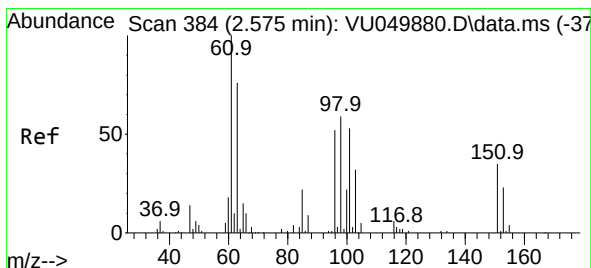
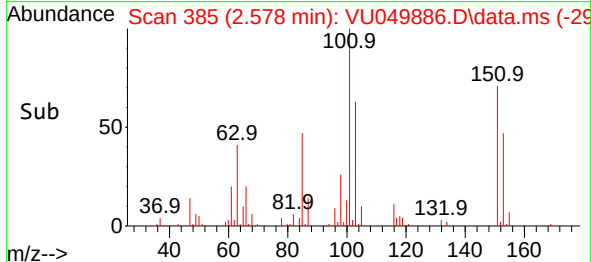
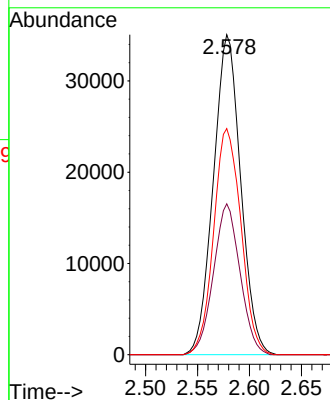
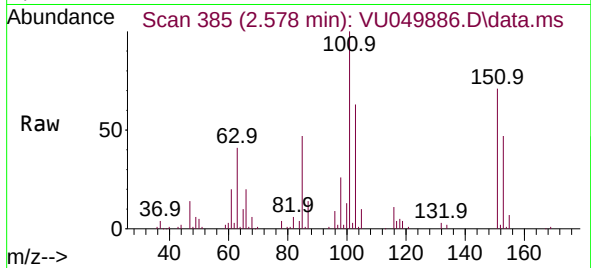




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.691 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049886.D
 Acq: 25 Jul 2022 23:48

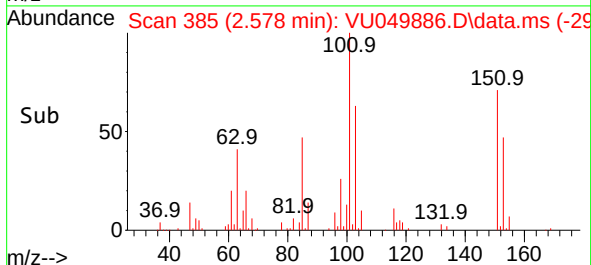
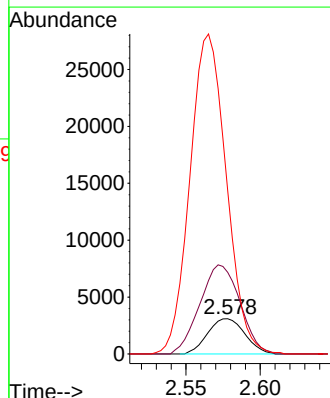
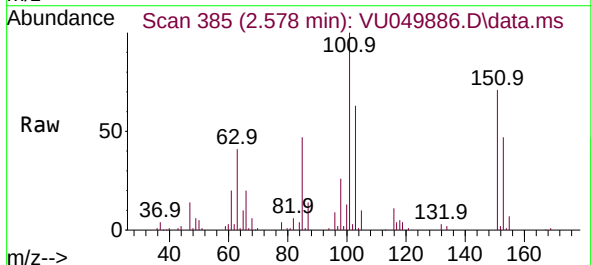
Instrument :
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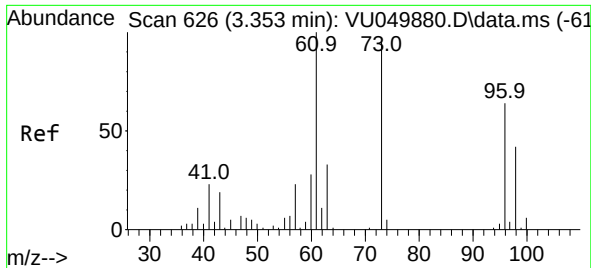
Tgt Ion:101 Resp: 64227
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.2 55.8
 151 70.5 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.968 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049886.D
 Acq: 25 Jul 2022 23:48

Tgt Ion: 96 Resp: 5381
 Ion Ratio Lower Upper
 96 100
 61 231.5 131.6 244.4
 63 463.1 100.0 185.6#

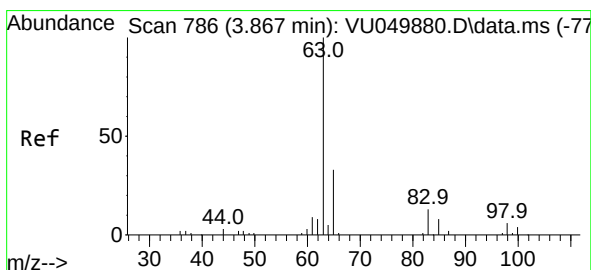
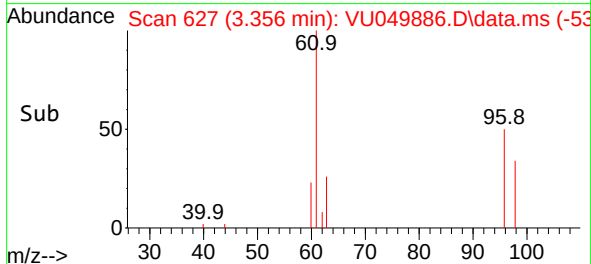
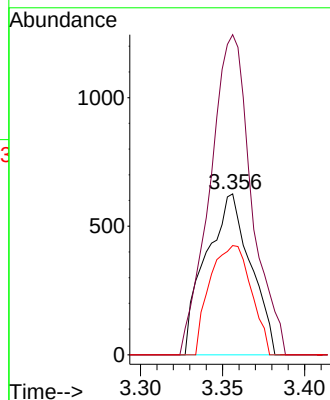
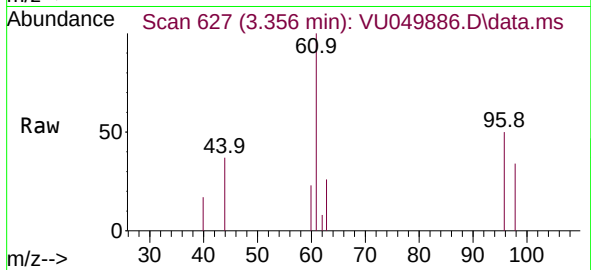




#18
trans-1,2-Dichloroethene
Concen: 0.183 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

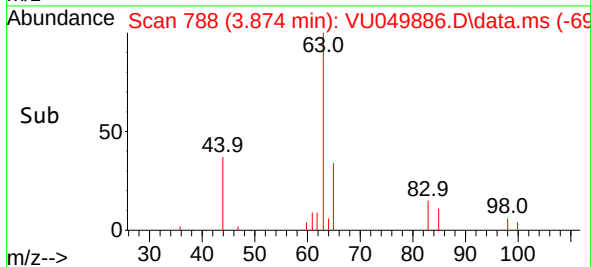
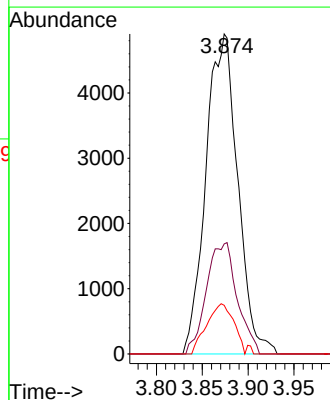
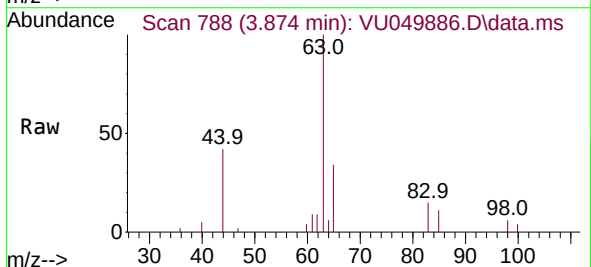
Instrument :
MSVOA_U
ClientSampleId :
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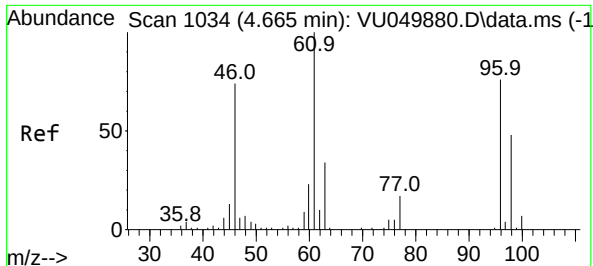
Tgt Ion: 96 Resp: 1174
Ion Ratio Lower Upper
96 100
61 198.9 101.5 188.5#
98 67.9 42.5 78.9



#19
1,1-Dichloroethane
Concen: 0.851 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

Tgt Ion: 63 Resp: 11814
Ion Ratio Lower Upper
63 100
65 34.4 22.5 41.9
83 15.2 8.3 15.5





#22

cis-1,2-Dichloroethene

Concen: 33.682 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049886.D

Acq: 25 Jul 2022 23:48

Instrument :

MSVOA_U

ClientSampleId :

GBJ02

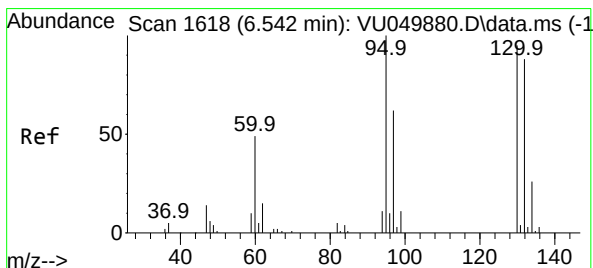
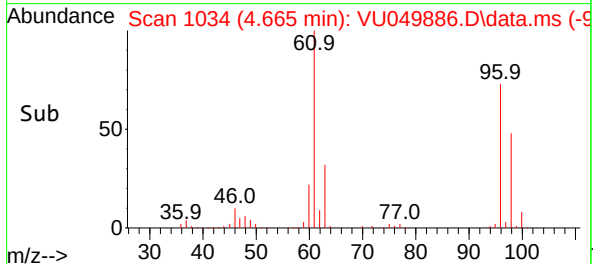
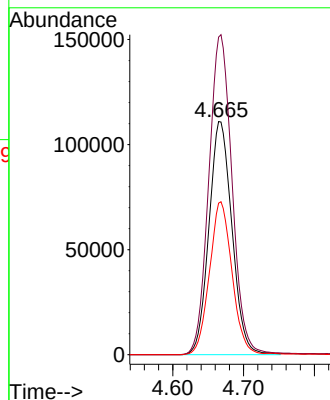
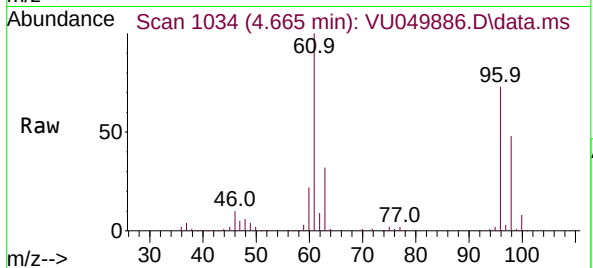
Tgt Ion: 96 Resp: 250671

Ion Ratio Lower Upper

96 100

61 136.2 93.9 174.3

98 65.0 43.9 81.5



#34

Trichloroethene

Concen: 62.582 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049886.D

Acq: 25 Jul 2022 23:48

Tgt Ion: 95 Resp: 435110

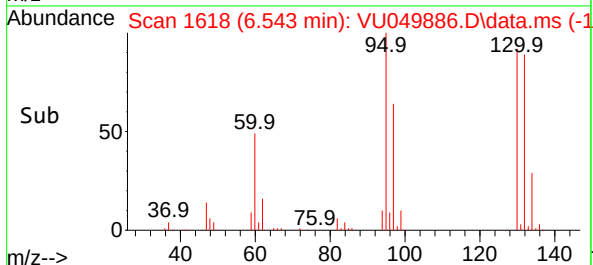
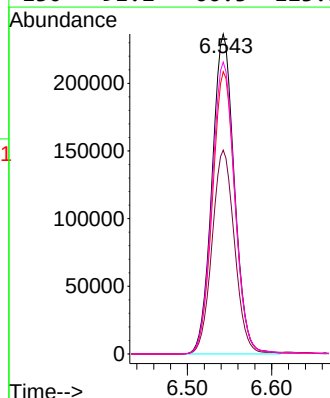
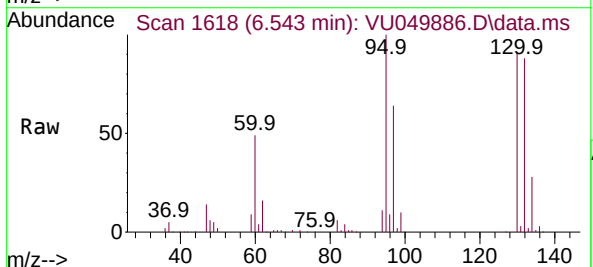
Ion Ratio Lower Upper

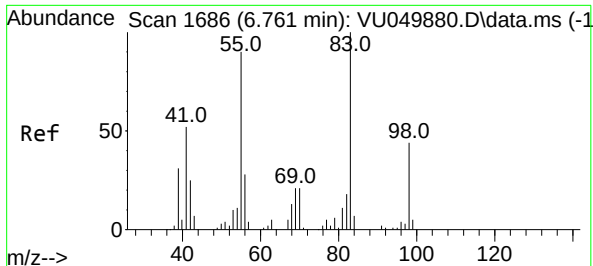
95 100

97 63.7 46.8 86.8

132 88.2 61.8 114.8

130 91.2 66.3 123.1





#35

Methylcyclohexane

Concen: 1.283 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU049886.D

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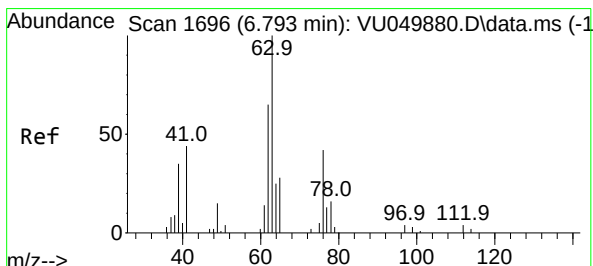
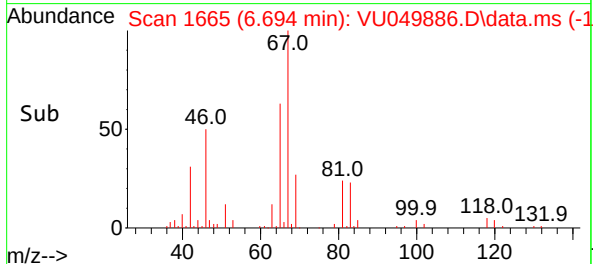
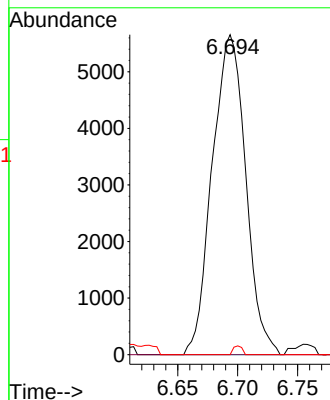
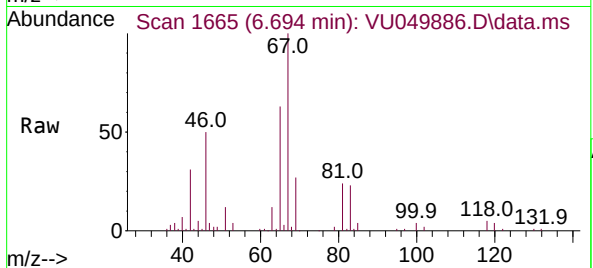
Tgt Ion: 83 Resp: 11003

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

98 0.0 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU049886.D

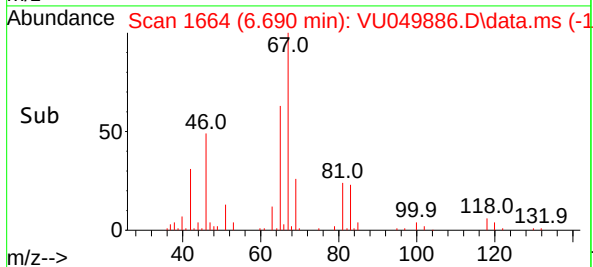
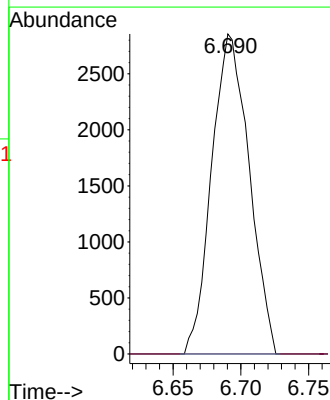
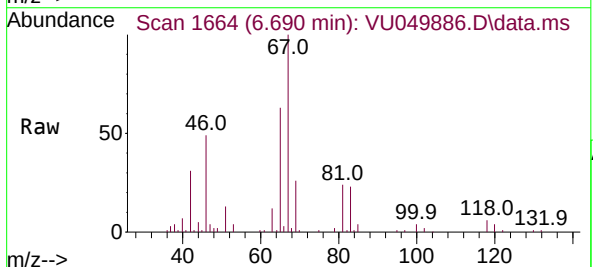
Acq: 25 Jul 2022 23:48

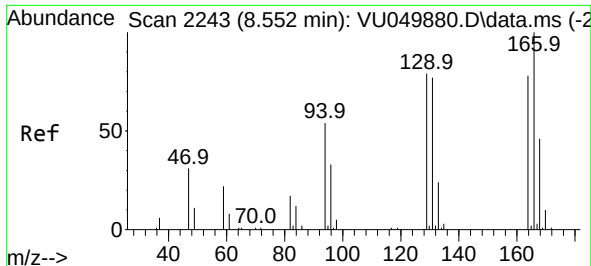
Tgt Ion: 63 Resp: 5496

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

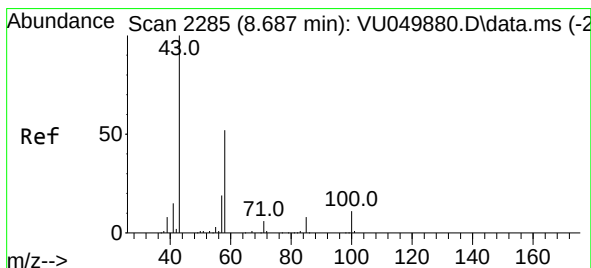
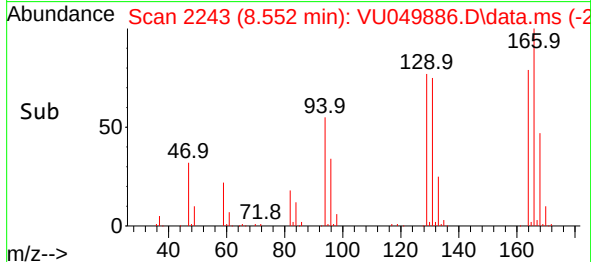
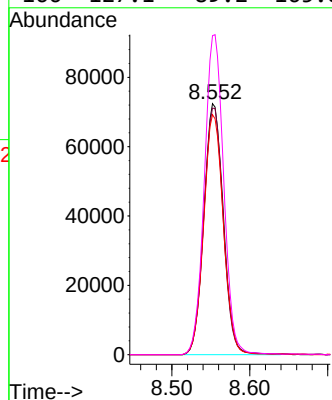
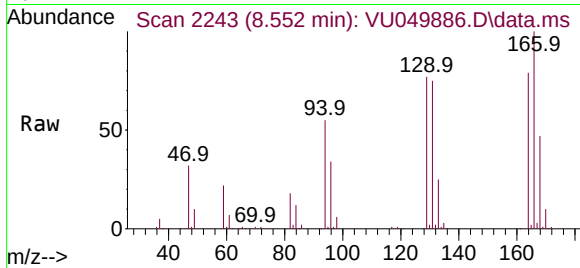




#47
Tetrachloroethene
Concen: 26.394 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

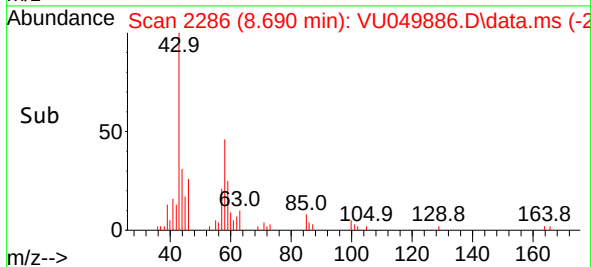
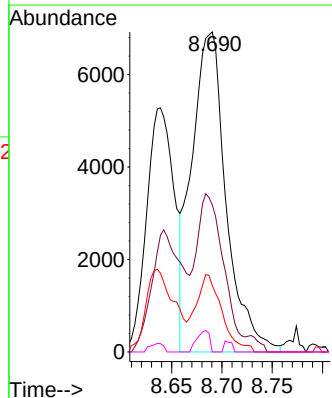
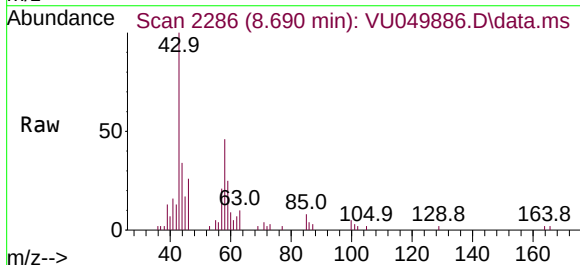
Instrument :
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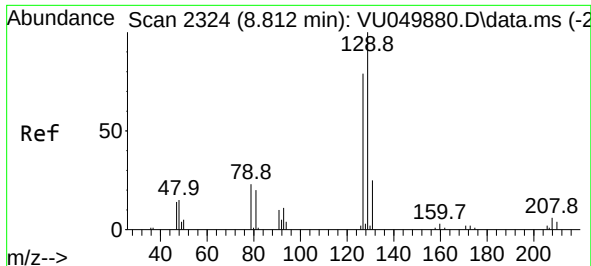
Tgt Ion:164 Resp: 126323
Ion Ratio Lower Upper
164 100
129 98.2 68.9 127.9
131 95.6 67.5 125.4
166 127.1 89.2 165.8



#48
2-Hexanone
Concen: 3.884 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

Tgt Ion: 43 Resp: 16527
Ion Ratio Lower Upper
43 100
58 33.8 42.1 63.1#
57 18.3 14.3 21.5
100 2.4 7.9 11.9#





#49

Dibromochloromethane

Concen: 18.717 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU049886.D

Acq: 25 Jul 2022 23:48

Instrument :

MSVOA_U

ClientSampleId :

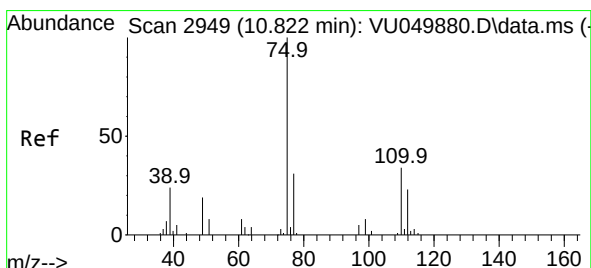
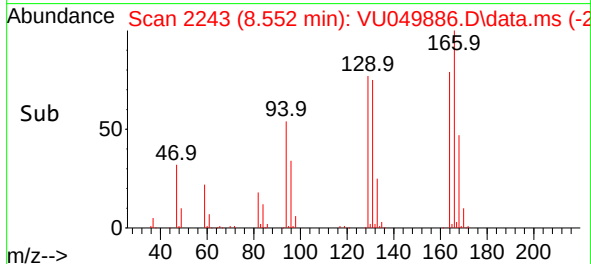
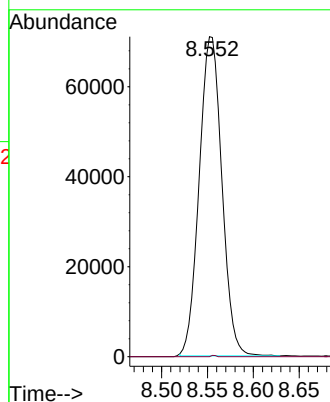
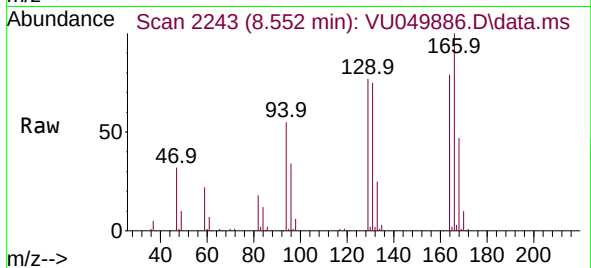
GBJ02

Tgt Ion:129 Resp: 122026

Ion Ratio Lower Upper

129 100

127 0.3 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049886.D

Acq: 25 Jul 2022 23:48

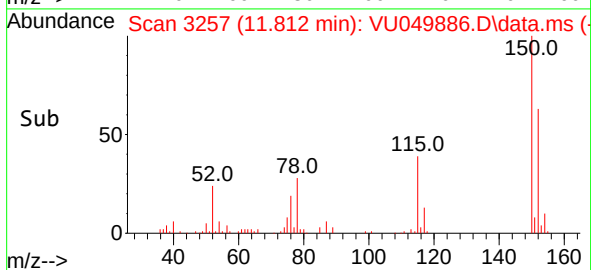
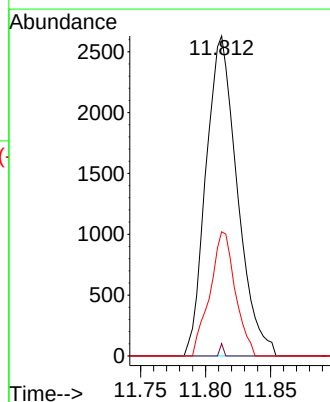
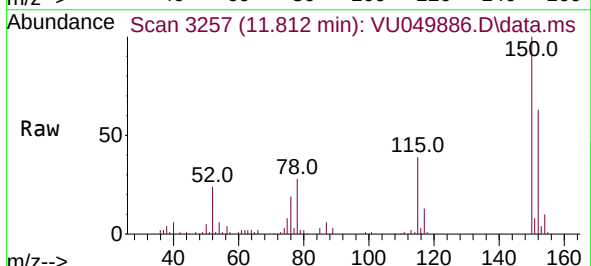
Tgt Ion: 75 Resp: 4400

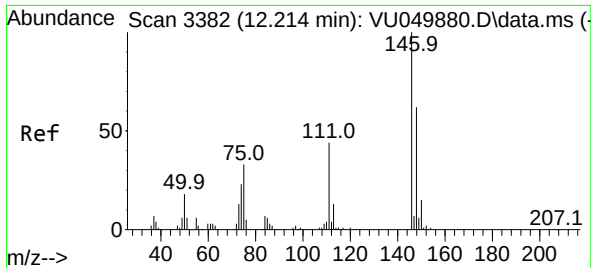
Ion Ratio Lower Upper

75 100

110 0.4 28.0 42.0#

77 31.3 25.4 38.2





#67

1,2-Dichlorobenzene

Concen: 0.107 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049886.D

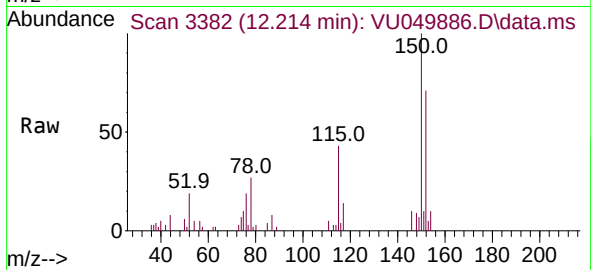
Acq: 25 Jul 2022 23:48

Instrument :

MSVOA_U

ClientSampleId :

GBJ02



Tgt Ion:146 Resp: 1159

Ion Ratio Lower Upper

146 100

111 55.0 35.8 53.8#

148 92.5 50.3 75.5#

