

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)

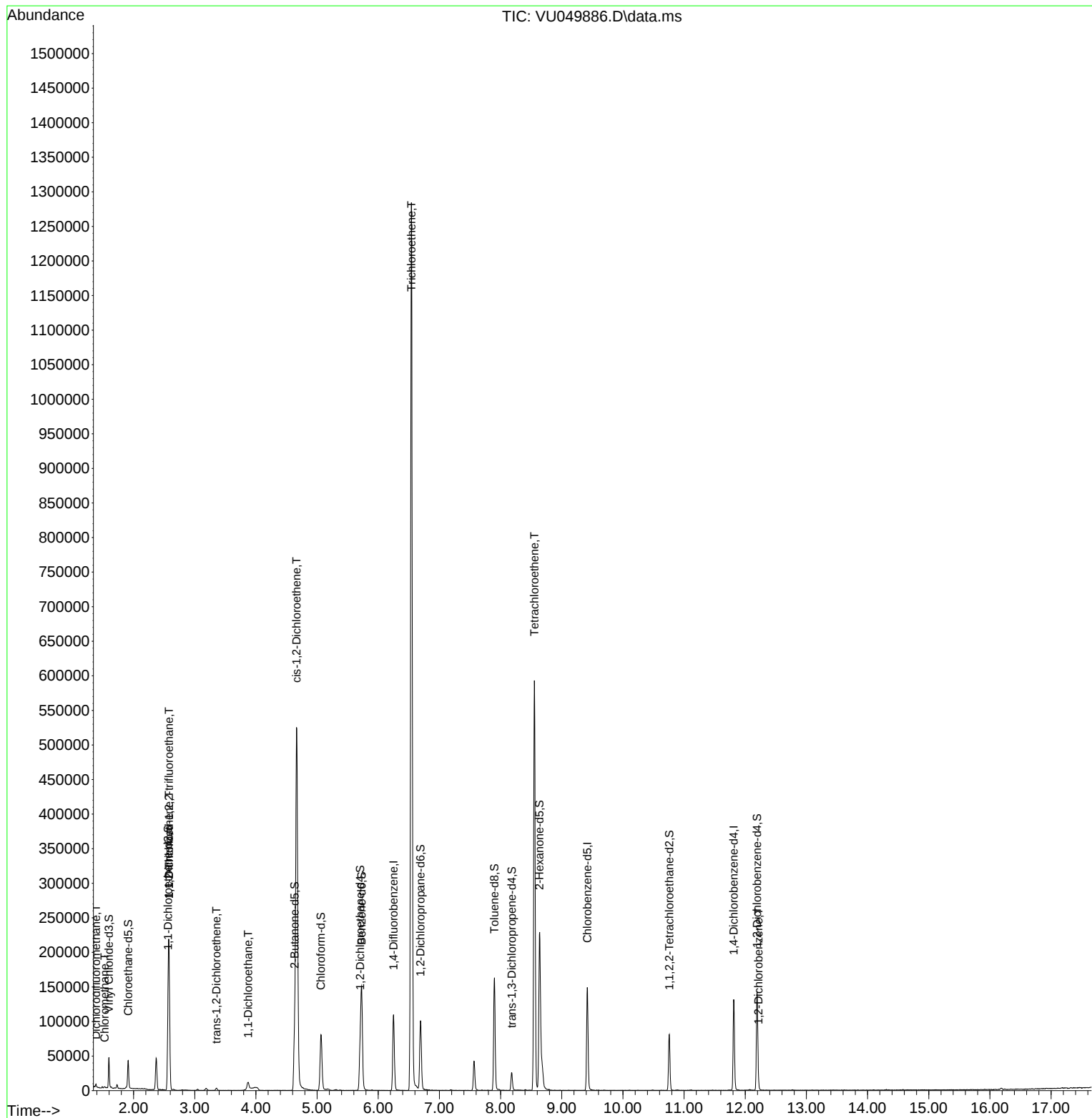
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84128	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31296	4.595	ug/L	0.00
Spiked Amount	5.000	Range 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						Qvalue
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
47) Tetrachloroethene	8.552	164	126323	26.394	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1159	0.107	ug/L #	71

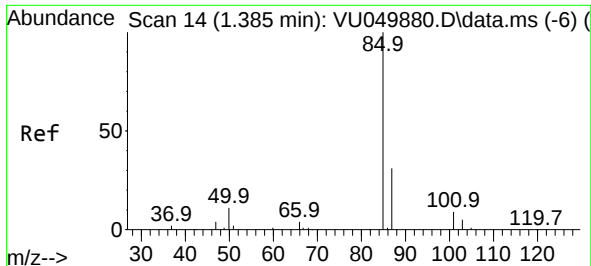
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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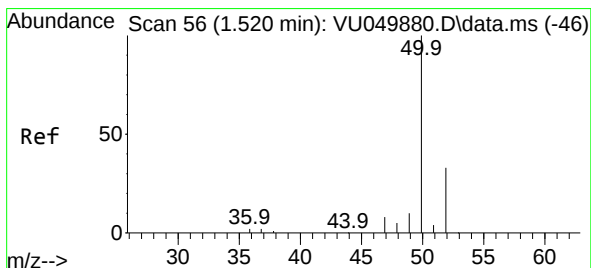
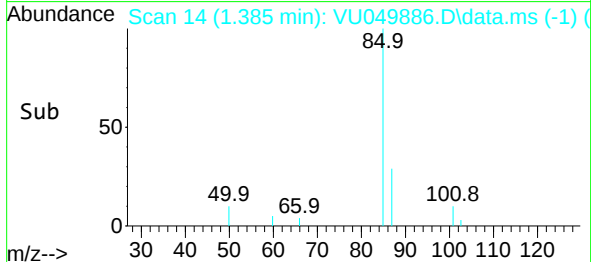
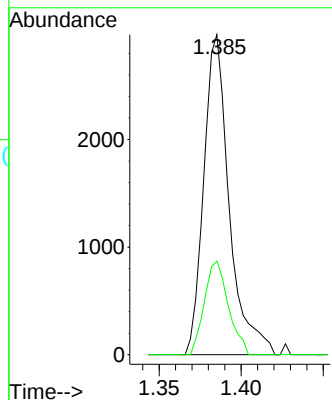
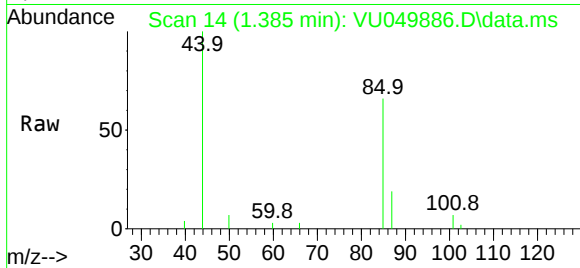




#2
Dichlorodifluoromethane
Concen: 0.360 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

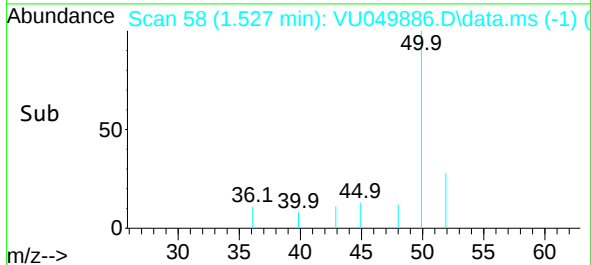
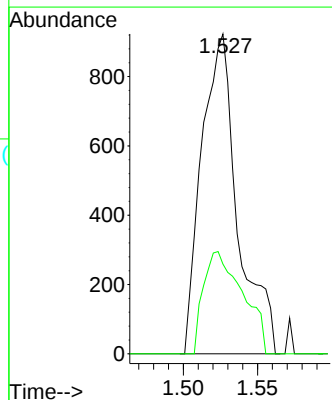
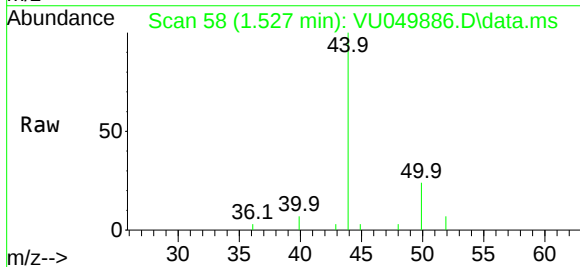
Instrument :
MSVOA_U
ClientSampleId :
GBJ02

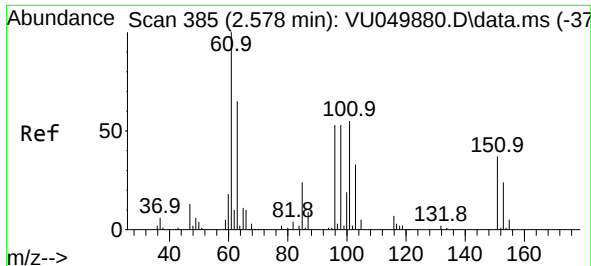
Tgt Ion: 85 Resp: 3200
Ion Ratio Lower Upper
85 100
87 27.6 25.4 38.2



#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

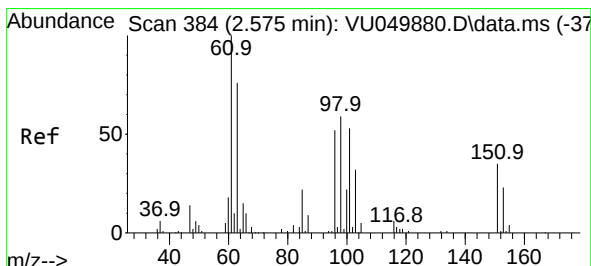
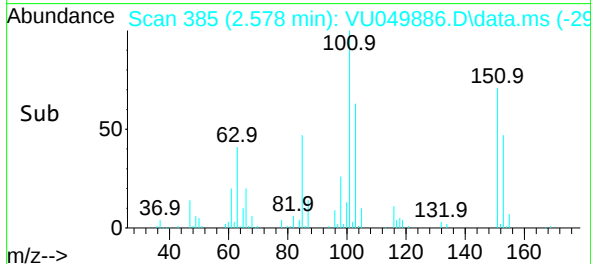
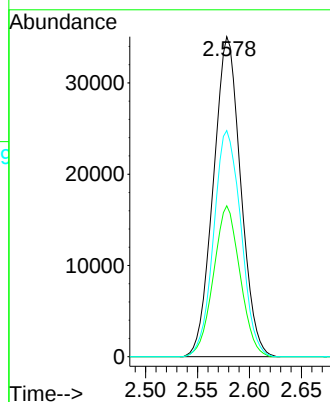
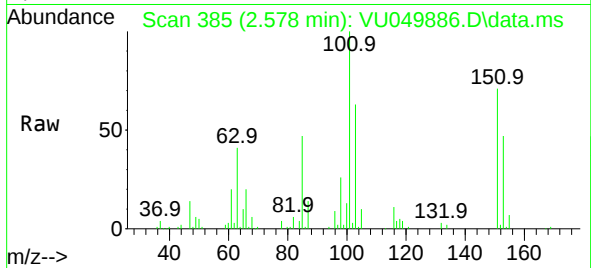




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.691 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049886.D
 Acq: 25 Jul 2022 23:48

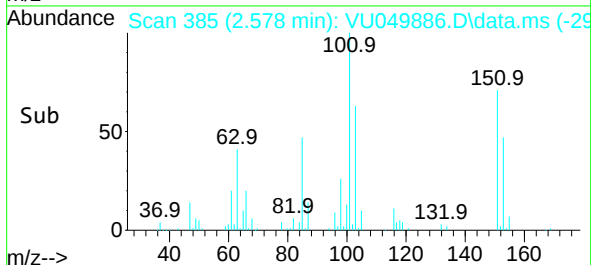
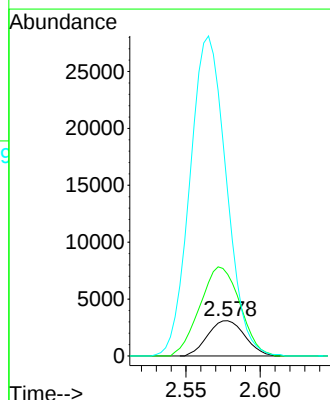
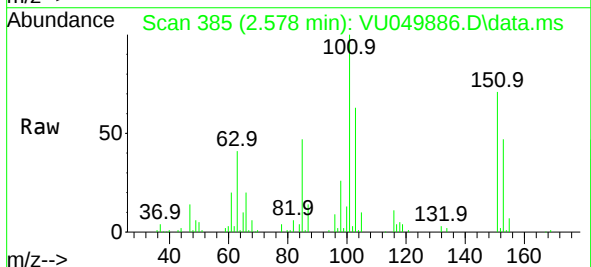
Instrument :
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 ClientSampleId :
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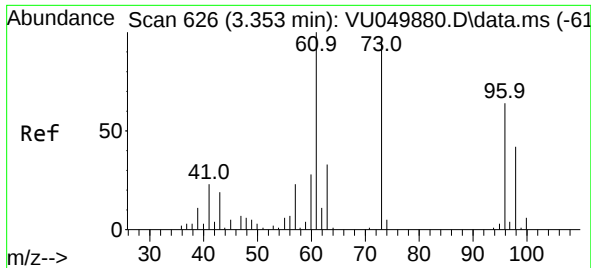
Tgt Ion:101 Resp: 64227
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.2 55.8
 151 70.5 56.0 84.0



#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#

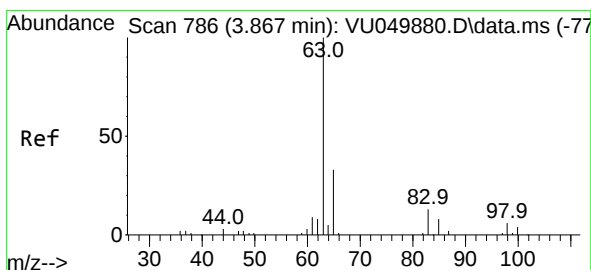
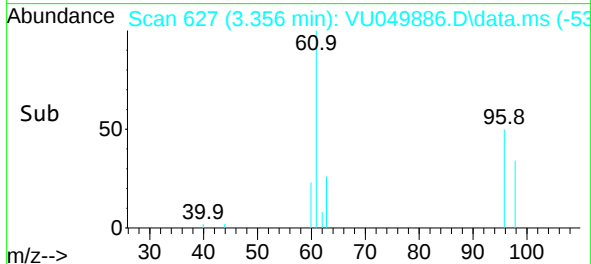
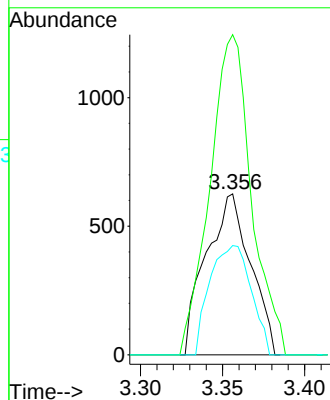
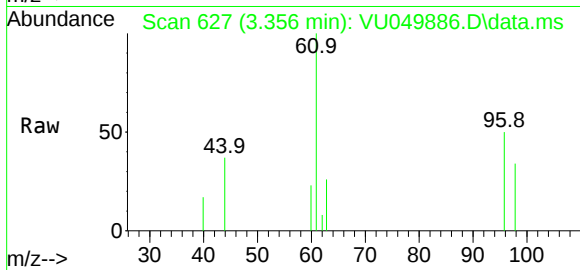




#18
trans-1,2-Dichloroethene
Concen: 0.183 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

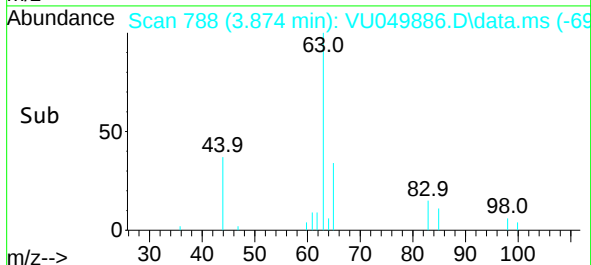
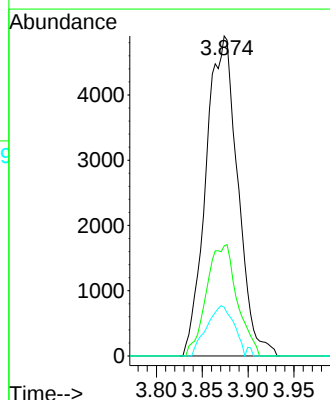
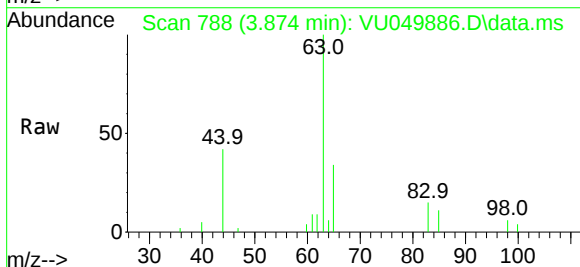
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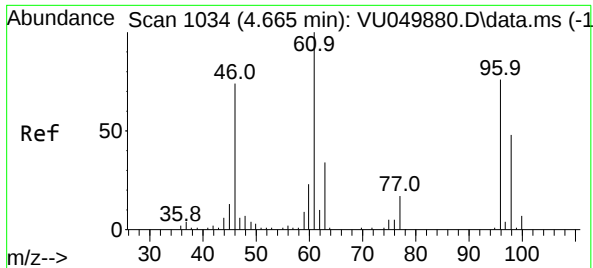
Tgt Ion: 96 Resp: 1174
Ion Ratio Lower Upper
96 100
61 198.9 101.5 188.5#
98 67.9 42.5 78.9



#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

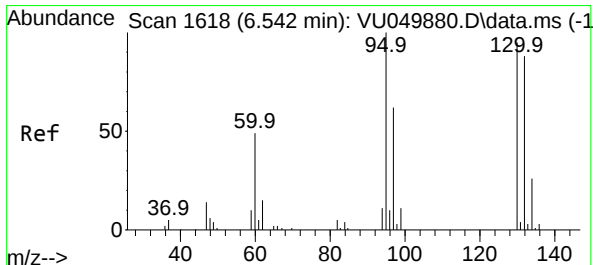
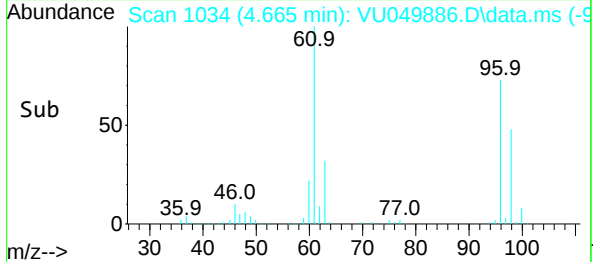
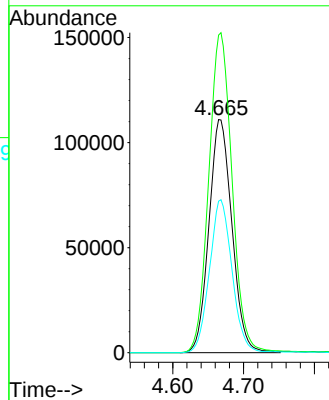
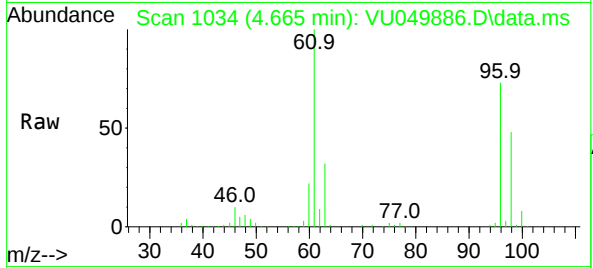




#22
 cis-1,2-Dichloroethene
 Concen: 33.682 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU049886.D
 Acq: 25 Jul 2022 23:48

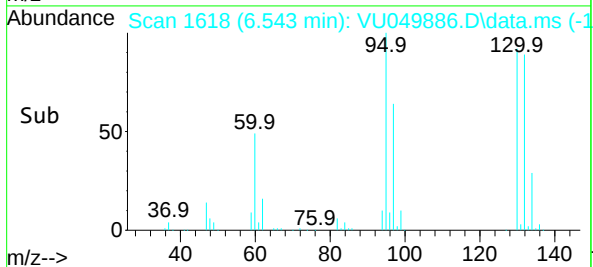
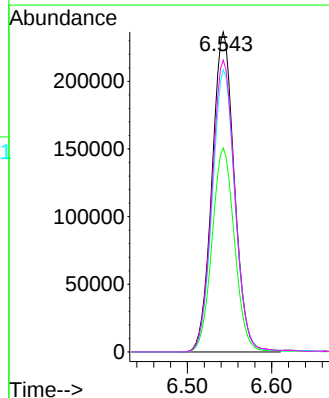
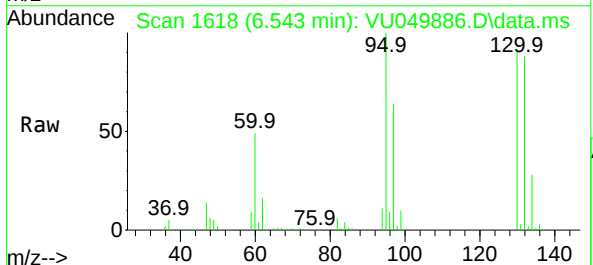
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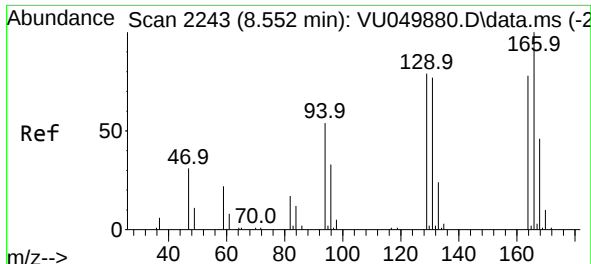
Tgt Ion: 96 Resp: 250671
 Ion Ratio Lower Upper
 96 100
 61 136.2 93.9 174.3
 98 65.0 43.9 81.5



#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

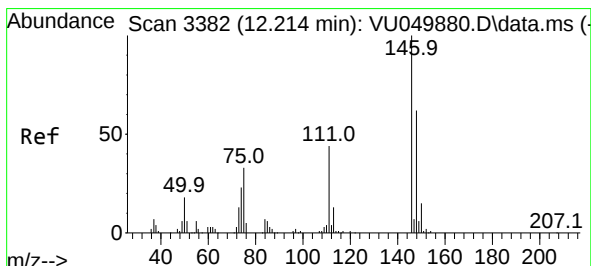
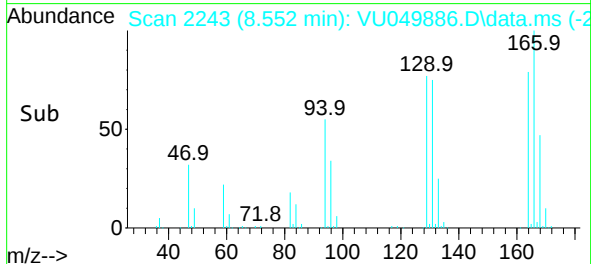
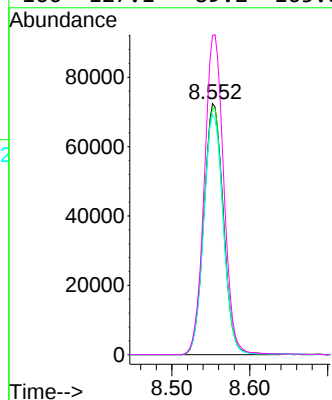
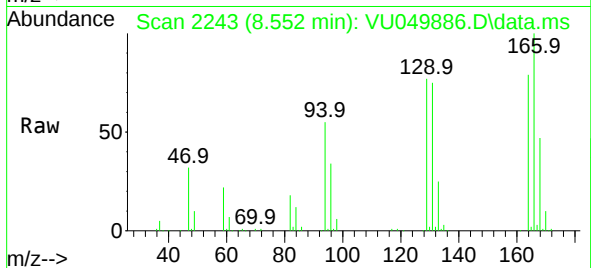




#47
Tetrachloroethene
Concen: 26.394 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

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MSVOA_U
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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



#67
1,2-Dichlorobenzene
Concen: 0.107 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU049886.D
Acq: 25 Jul 2022 23:48

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#

