

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049897.D
 Acq On : 26 Jul 2022 04:18
 Operator : SY/MD
 Sample : N3870-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ13

Quant Time: Jul 26 06:51:04 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)

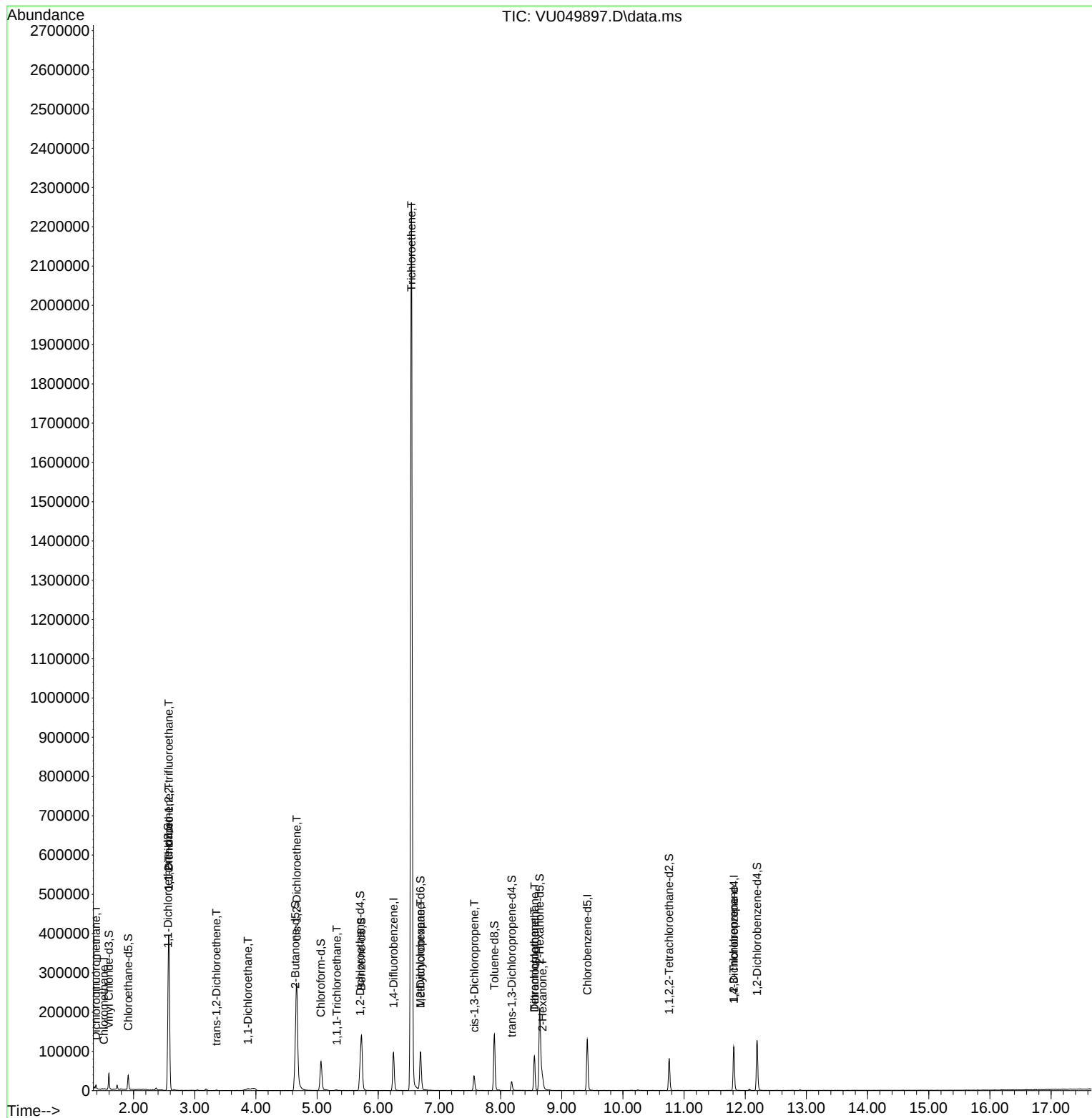
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73678	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	70225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	29130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26292	4.408	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.912	69	24847	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.562	65	11584	4.351	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.645	46	137838	64.224	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.440%	
24) Chloroform-d	5.063	84	67971	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.703	65	40577	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.726	84	119346	4.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.690	67	45783	5.538	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.800%	
41) Toluene-d8	7.899	98	92968	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.182	79	13341	4.445	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.639	63	62379	52.448	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.900%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40502	5.834	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	32228	5.360	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6161	0.792	ug/L	98
3) Chloromethane	1.517	50	1468	0.153	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	136374	28.345	ug/L	99
12) 1,1-Dichloroethene	2.575	96	6451	1.325	ug/L #	23
18) trans-1,2-Dichloroethene	3.356	96	576	0.102	ug/L #	47
19) 1,1-Dichloroethane	3.871	63	2422	0.199	ug/L #	86
22) cis-1,2-Dichloroethene	4.668	96	115297	17.690	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	1490	0.151	ug/L #	73
34) Trichloroethene	6.542	95	771638	124.891	ug/L	98
35) Methylcyclohexane	6.690	83	9988	1.311	ug/L #	15
39) cis-1,3-Dichloropropene	7.571	75	1067	0.111	ug/L #	11
47) Tetrachloroethene	8.552	164	18899	4.444	ug/L	97
48) 2-Hexanone	8.687	43	16704	4.418	ug/L #	89
49) Dibromochloromethane	8.555	129	18079	3.121	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4489	1.157	ug/L #	67

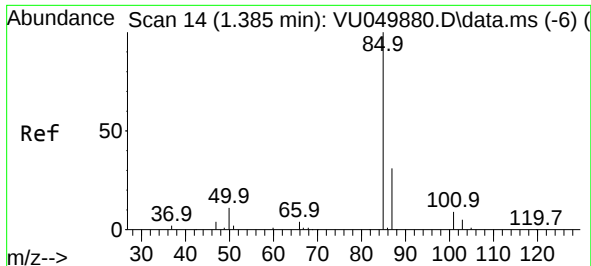
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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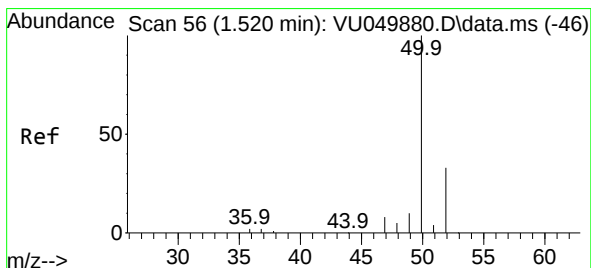
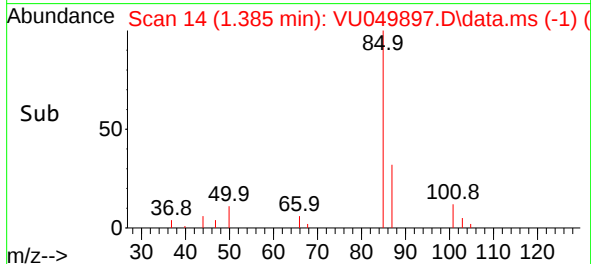
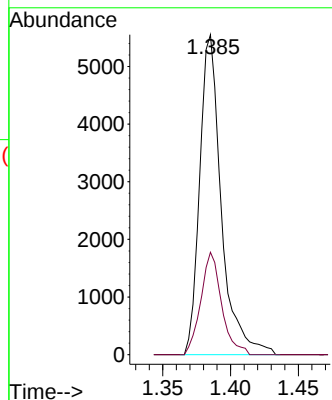
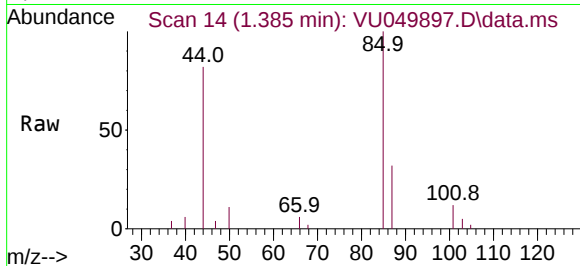




#2
Dichlorodifluoromethane
Concen: 0.792 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

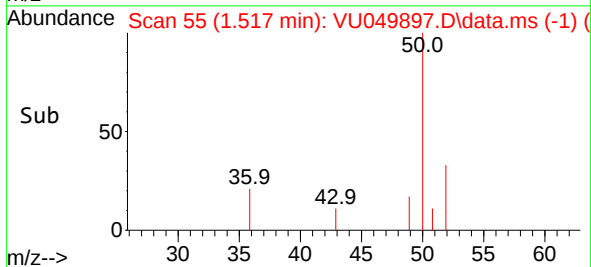
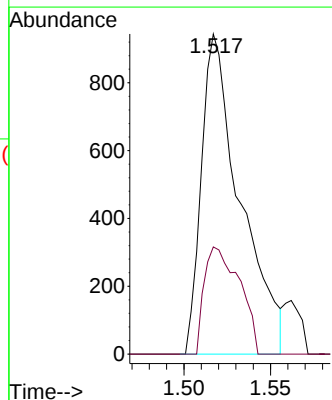
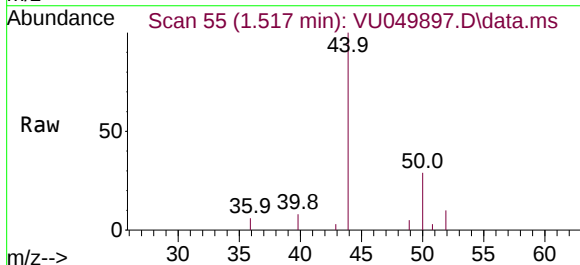
Instrument :
MSVOA_U
ClientSampleId :
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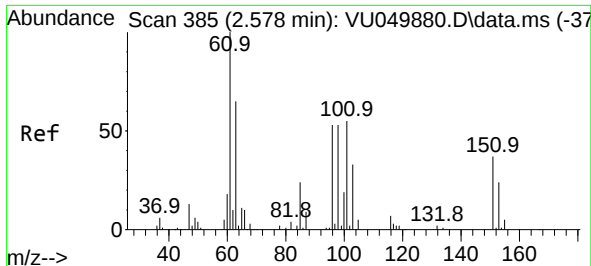
Tgt Ion: 85 Resp: 6161
Ion Ratio Lower Upper
85 100
87 30.8 25.4 38.2



#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

Tgt Ion: 50 Resp: 1468
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.7

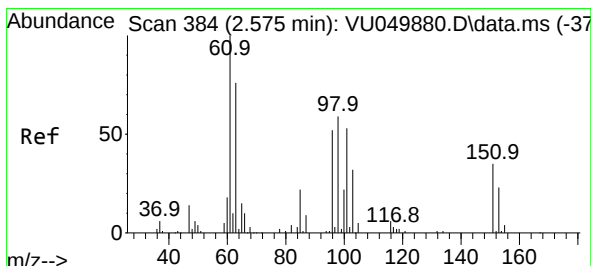
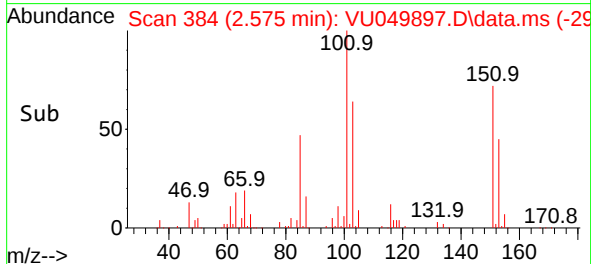
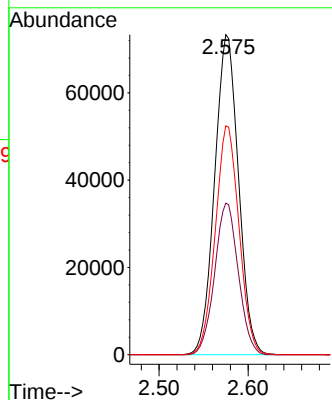
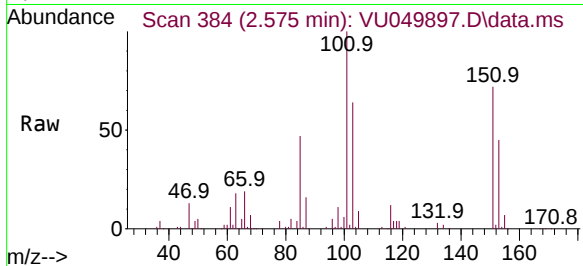




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.345 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049897.D
 Acq: 26 Jul 2022 04:18

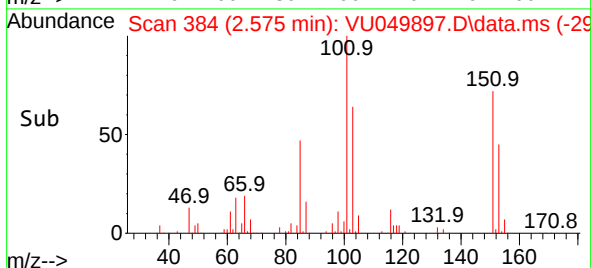
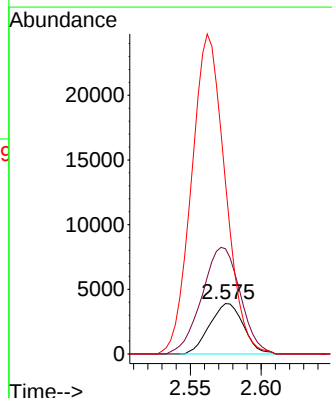
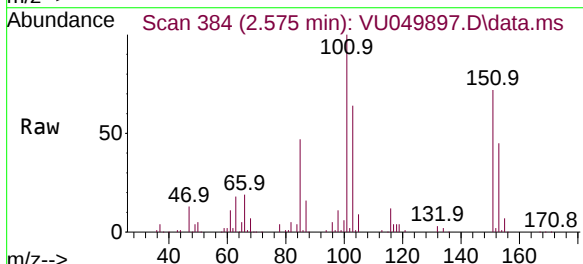
Instrument :
 MSVOA_U
 ClientSampleId :
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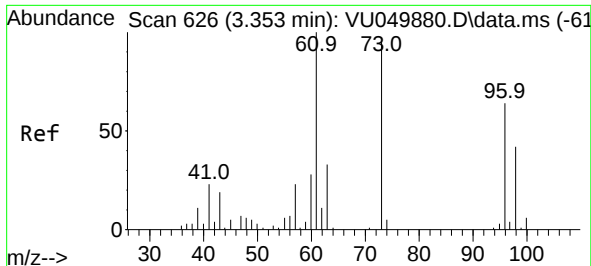
Tgt Ion:101 Resp: 136374
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.2 55.8
 151 71.4 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 1.325 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU049897.D
 Acq: 26 Jul 2022 04:18

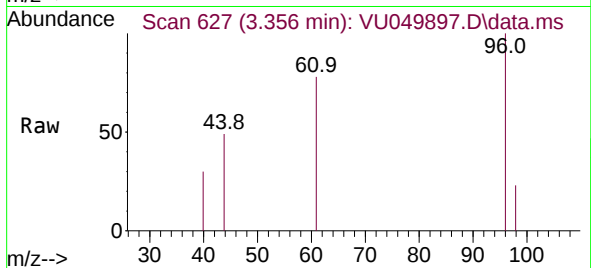
Tgt Ion: 96 Resp: 6451
 Ion Ratio Lower Upper
 96 100
 61 208.6 131.6 244.4
 63 339.9 100.0 185.6#



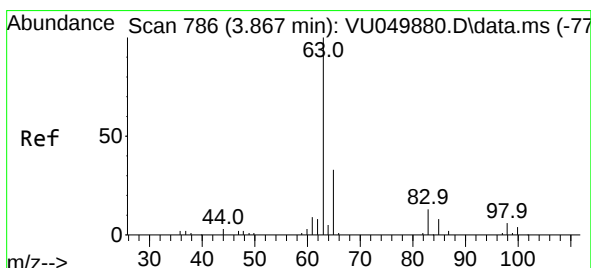
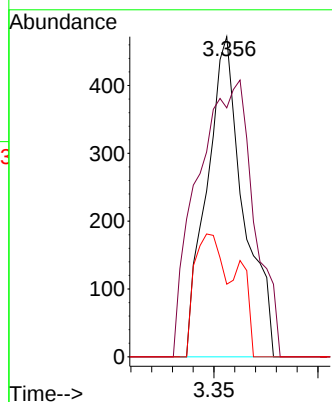
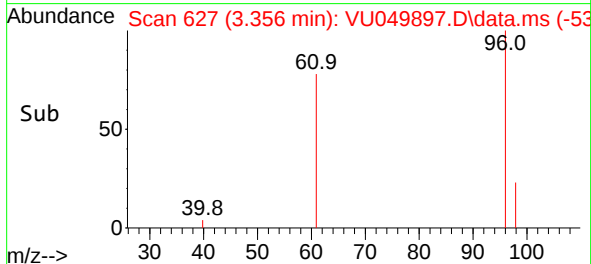


#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

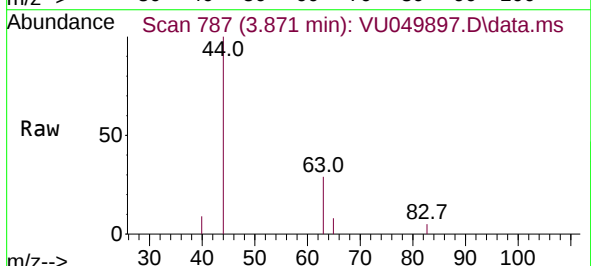
Instrument :
MSVOA_U
ClientSampleId :
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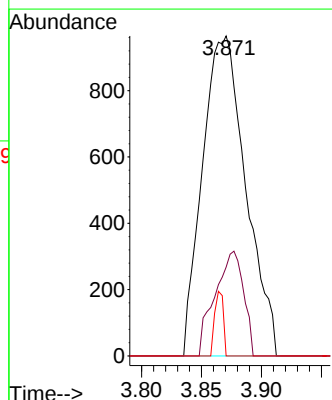
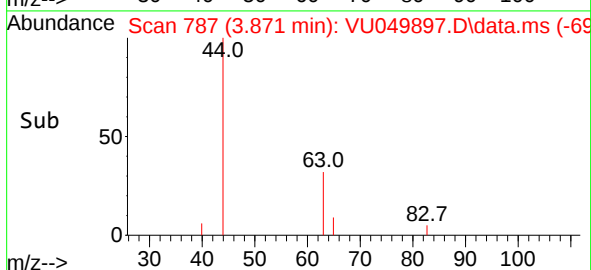
Tgt Ion: 96 Resp: 576
Ion Ratio Lower Upper
96 100
61 77.8 101.5 188.5#
98 22.7 42.5 78.9#

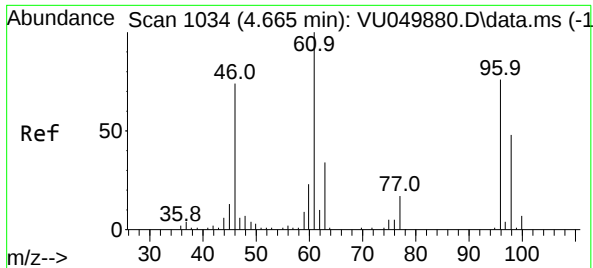


#19
1,1-Dichloroethane
Concen: 0.199 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18



Tgt Ion: 63 Resp: 2422
Ion Ratio Lower Upper
63 100
65 27.8 22.5 41.9
83 0.0 8.3 15.5#

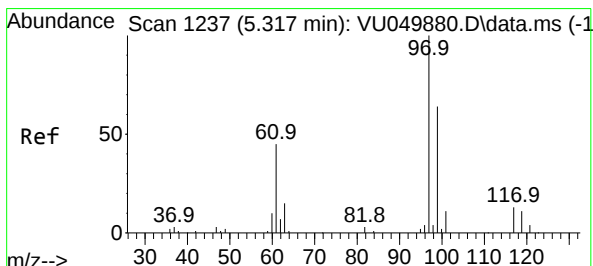
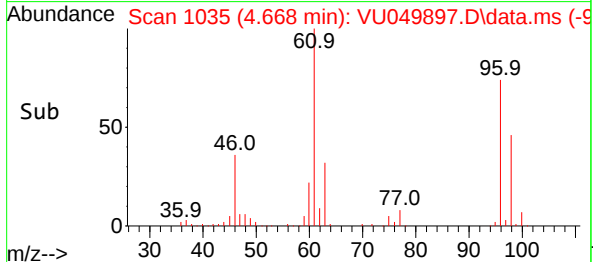
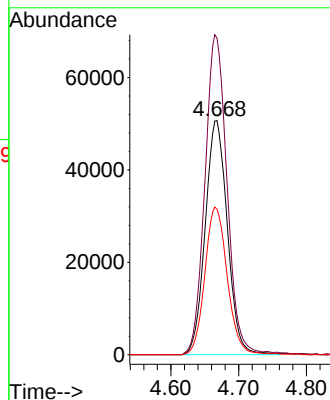
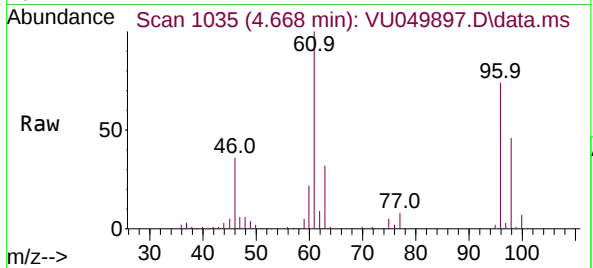




#22
 cis-1,2-Dichloroethene
 Concen: 17.690 ug/L
 RT: 4.668 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU049897.D
 Acq: 26 Jul 2022 04:18

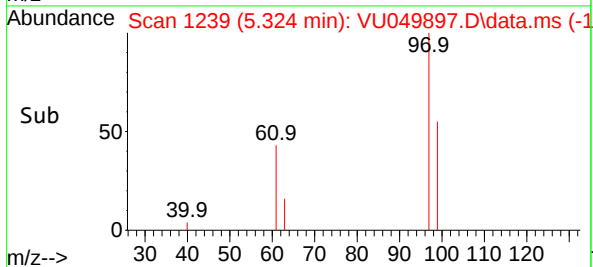
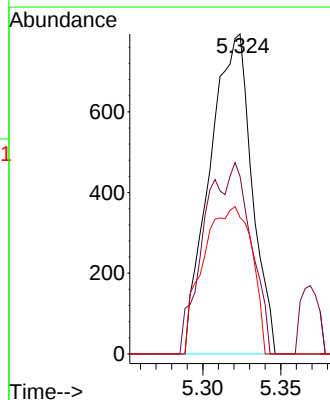
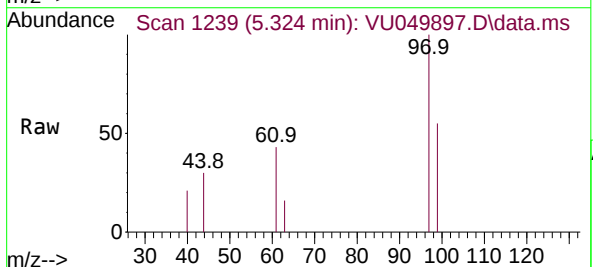
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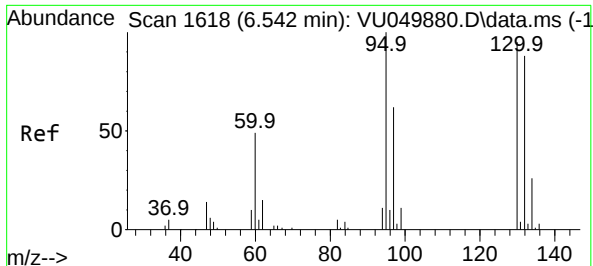
Tgt Ion: 96 Resp: 115297
 Ion Ratio Lower Upper
 96 100
 61 135.2 93.9 174.3
 98 62.2 43.9 81.5



#29
 1,1,1-Trichloroethane
 Concen: 0.151 ug/L
 RT: 5.324 min Scan# 1239
 Delta R.T. 0.006 min
 Lab File: VU049897.D
 Acq: 26 Jul 2022 04:18

Tgt Ion: 97 Resp: 1490
 Ion Ratio Lower Upper
 97 100
 99 32.8 51.8 77.8#
 61 53.2 38.3 57.5



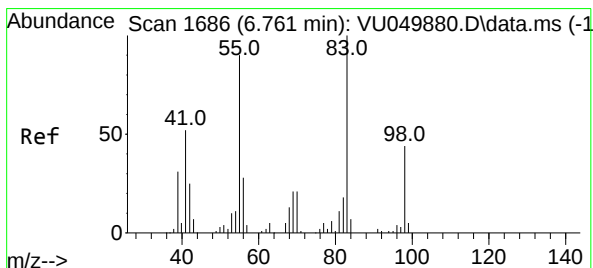
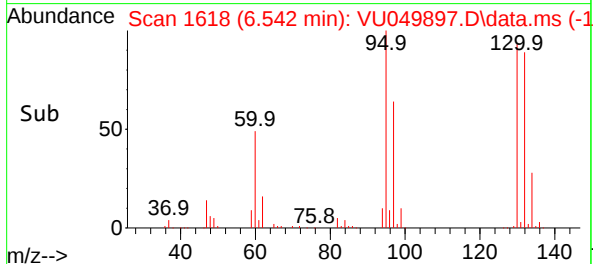
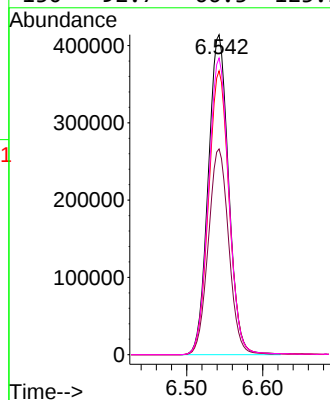
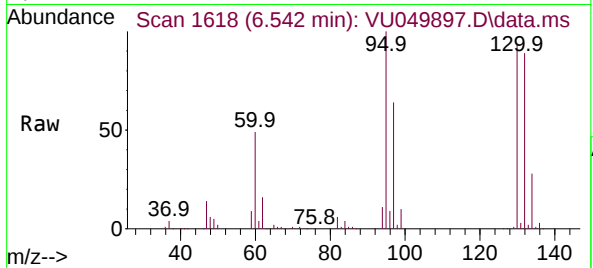


#34
Trichloroethene
Concen: 124.891 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

Instrument :
MSVOA_U
ClientSampleId :
GBJ13

Tgt Ion: 95 Resp: 771638

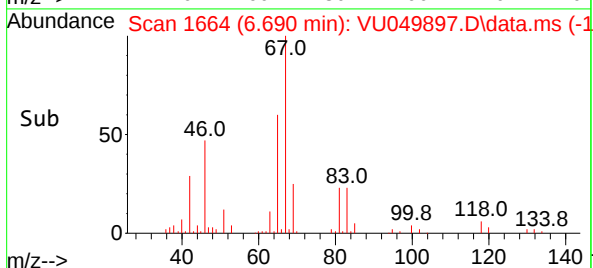
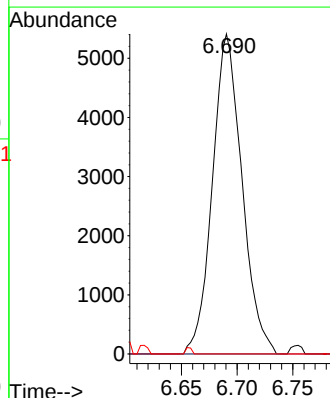
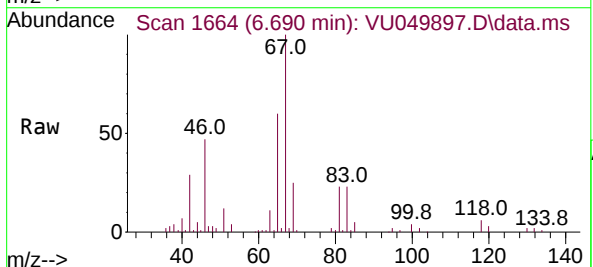
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.8	86.8
132	88.7	61.8	114.8
130	92.7	66.3	123.1

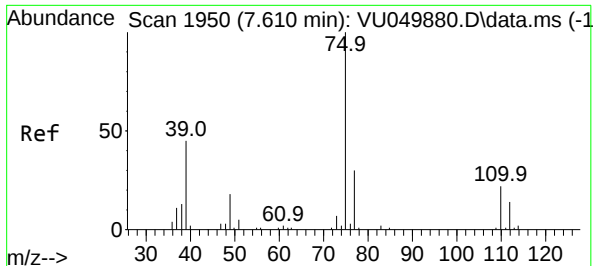


#35
Methylcyclohexane
Concen: 1.311 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

Tgt Ion: 83 Resp: 9988

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.0	36.4	54.6#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU049897.D

Acq: 26 Jul 2022 04:18

Instrument :

MSVOA_U

ClientSampleId :

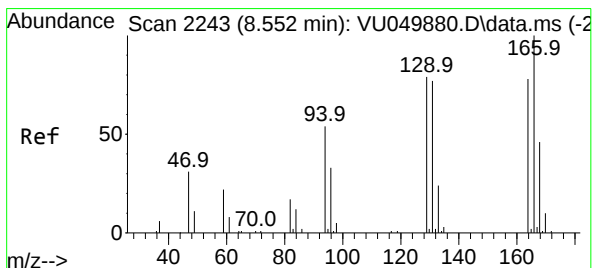
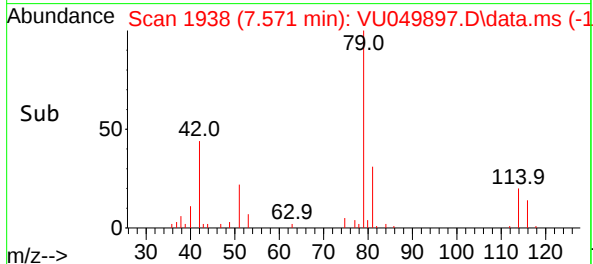
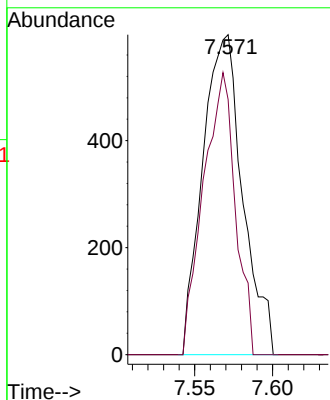
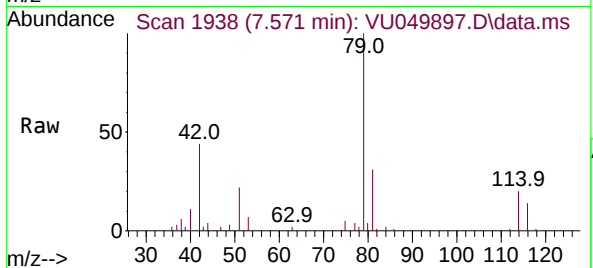
GBJ13

Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

77 79.8 21.6 40.0#



#47

Tetrachloroethene

Concen: 4.444 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU049897.D

Acq: 26 Jul 2022 04:18

Tgt Ion:164 Resp: 18899

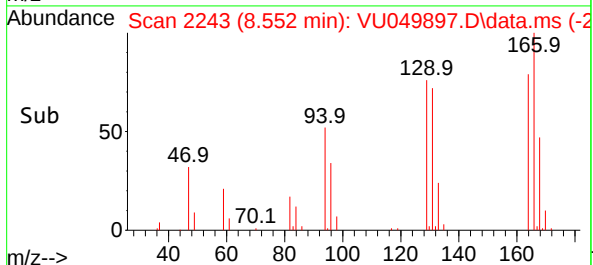
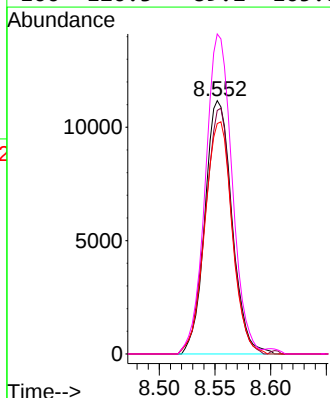
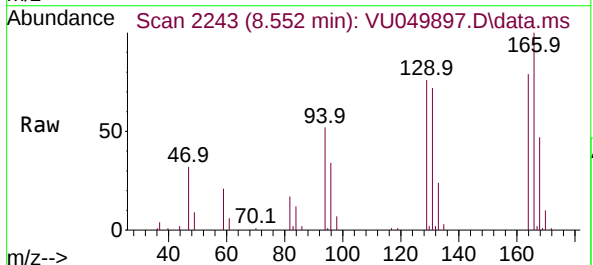
Ion Ratio Lower Upper

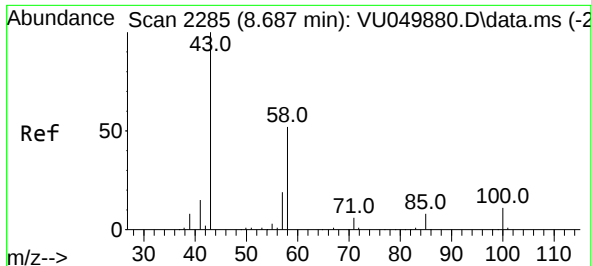
164 100

129 96.1 68.9 127.9

131 91.0 67.5 125.4

166 126.3 89.2 165.8

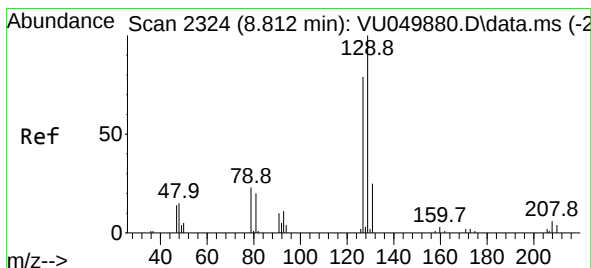
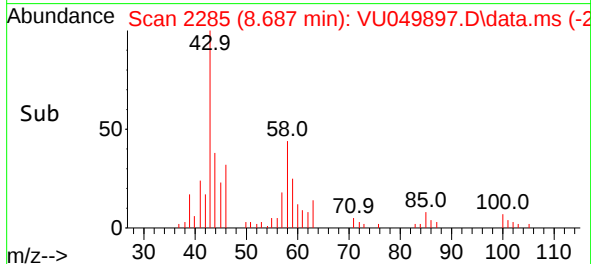
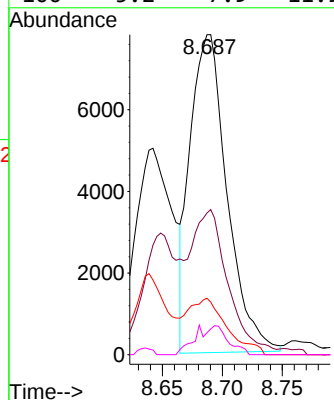
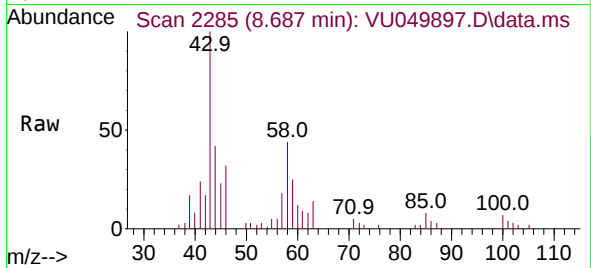




#48
2-Hexanone
Concen: 4.418 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

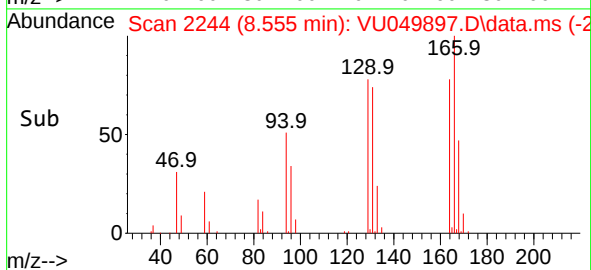
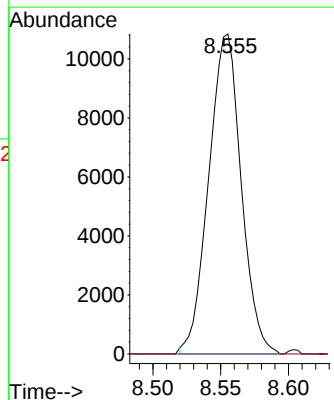
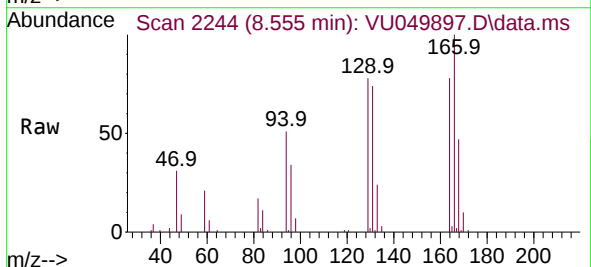
Instrument :
MSVOA_U
ClientSampleId :
GBJ13

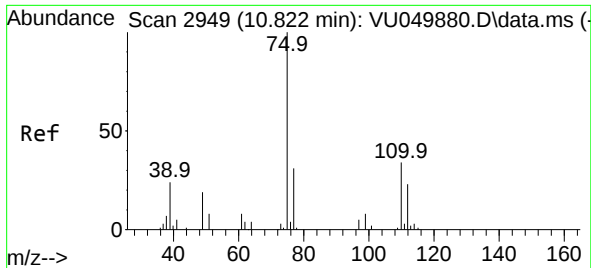
Tgt Ion: 43 Resp: 16704
Ion Ratio Lower Upper
43 100
58 42.6 42.1 63.1
57 18.7 14.3 21.5
100 5.2 7.9 11.9#



#49
Dibromochloromethane
Concen: 3.121 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU049897.D
Acq: 26 Jul 2022 04:18

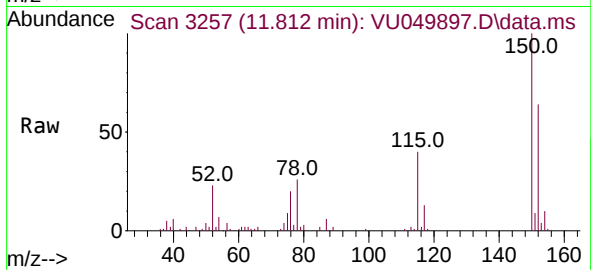
Tgt Ion: 129 Resp: 18079
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.157 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049897.D
 Acq: 26 Jul 2022 04:18

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ13



Tgt Ion: 75 Resp: 4489
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 29.7 25.4 38.2

