

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049893.D
 Acq On : 26 Jul 2022 02:40
 Operator : SY/MD
 Sample : N3870-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ09

Quant Time: Jul 26 06:50:00 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	85186	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34452	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	31608	4.583	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.912	69	28319	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.565	65	14206	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.632	46	136202	54.889	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.063	84	75282	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.703	65	43763	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.729	84	134666	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.690	67	48033	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.899	98	107326	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.182	79	14411	4.136	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.636	63	66740	48.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42000	5.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	38220	5.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%

Target Compounds

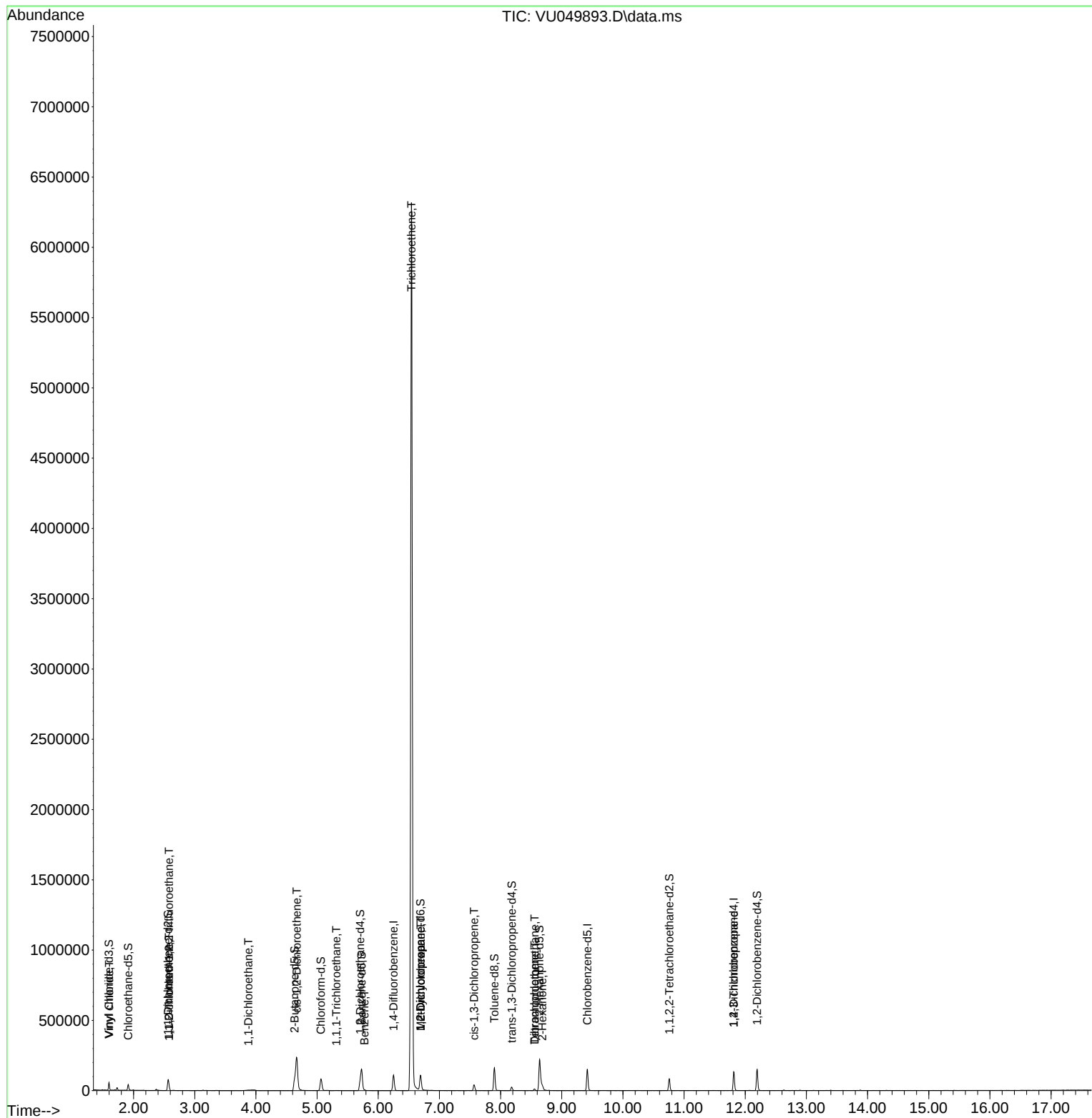
						Qvalue
5) Vinyl chloride	1.600	62	3391	0.367	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3655	0.657	ug/L	97
12) 1,1-Dichloroethene	2.581	96	1968	0.350	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	1344	0.096	ug/L #	50
22) cis-1,2-Dichloroethene	4.668	96	105200	13.960	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	598	0.052	ug/L #	80
33) Benzene	5.774	78	4169	0.141	ug/L	100
34) Trichloroethene	6.542	95	2140691	298.495	ug/L	98
35) Methylcyclohexane	6.693	83	11344	1.282	ug/L #	15
37) 1,2-Dichloropropane	6.693	63	5826	0.691	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1152	0.104	ug/L #	46
47) Tetrachloroethene	8.555	164	2484	0.503	ug/L	93
48) 2-Hexanone	8.684	43	17616	4.014	ug/L #	94
49) Dibromochloromethane	8.555	129	2613	0.389	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4863	1.059	ug/L #	66

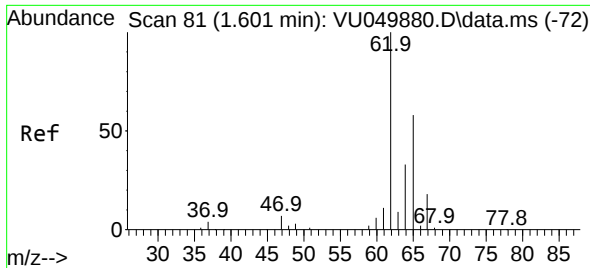
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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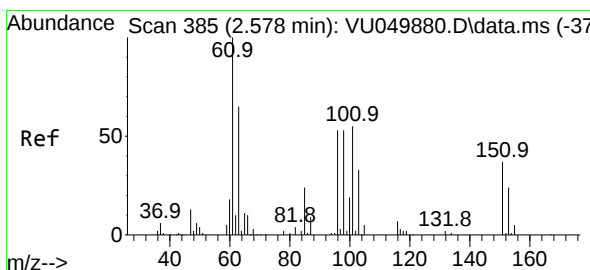
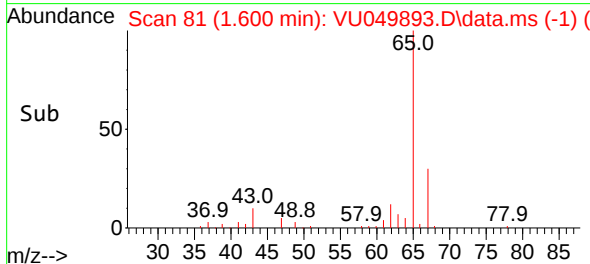
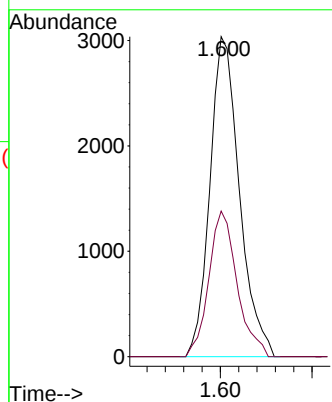
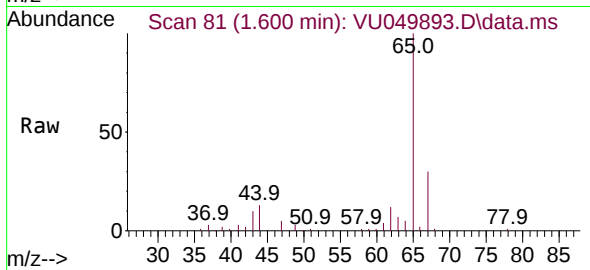




#5
 Vinyl chloride
 Concen: 0.367 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

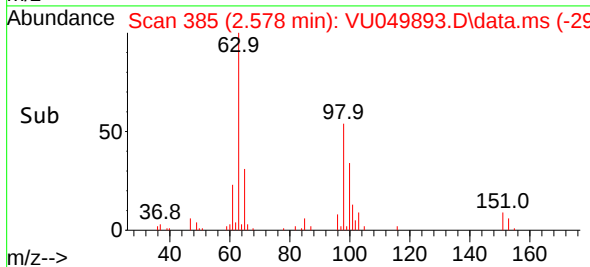
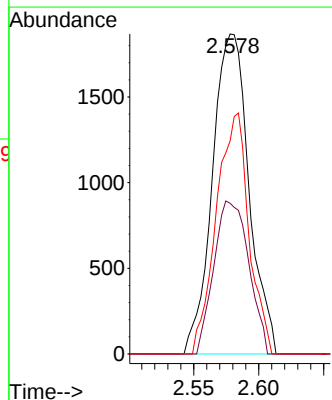
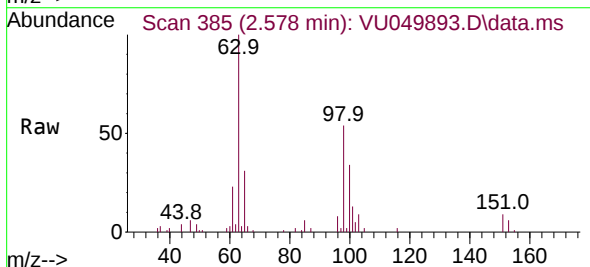
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ09

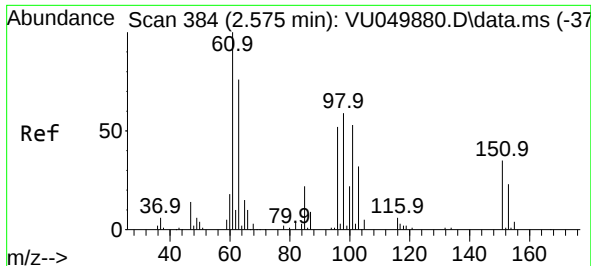
Tgt Ion: 62 Resp: 3391
 Ion Ratio Lower Upper
 62 100
 64 45.5 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.657 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

Tgt Ion: 101 Resp: 3655
 Ion Ratio Lower Upper
 101 100
 85 45.7 37.2 55.8
 151 67.1 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.350 ug/L

RT: 2.581 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ09

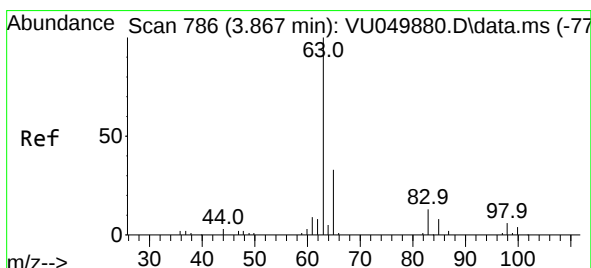
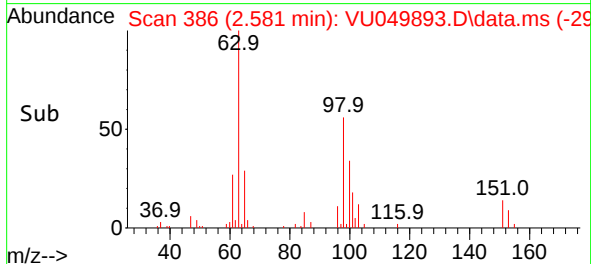
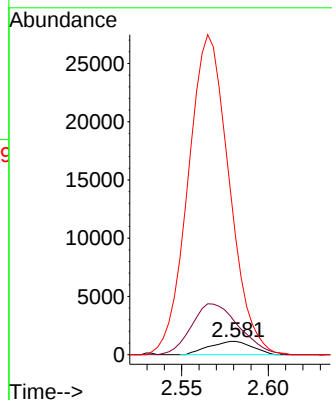
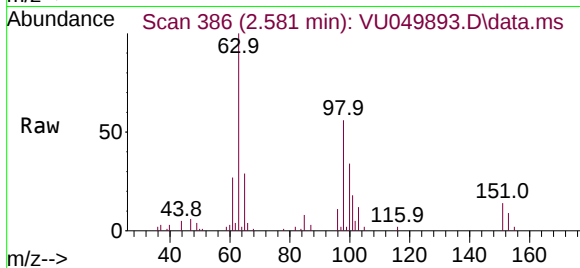
Tgt Ion: 96 Resp: 1968

Ion Ratio Lower Upper

96 100

61 238.4 131.6 244.4

63 887.7 100.0 185.6#



#19

1,1-Dichloroethane

Concen: 0.096 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.010 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

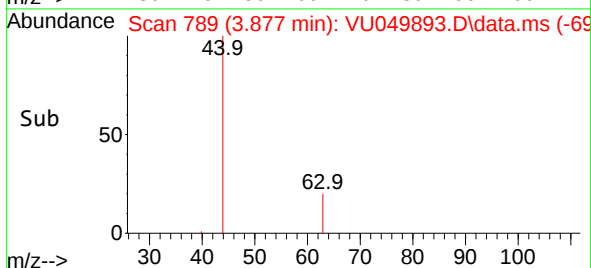
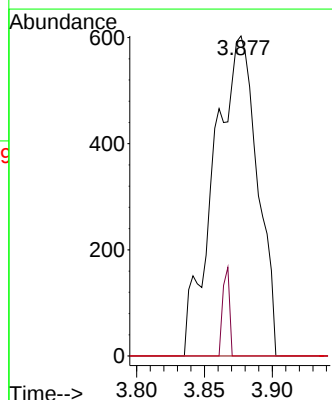
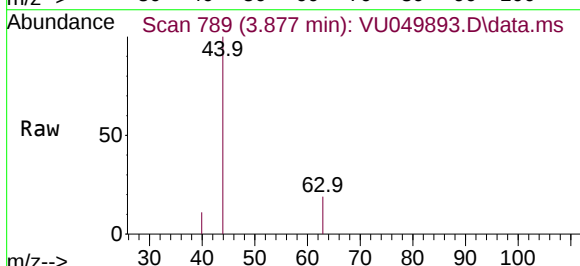
Tgt Ion: 63 Resp: 1344

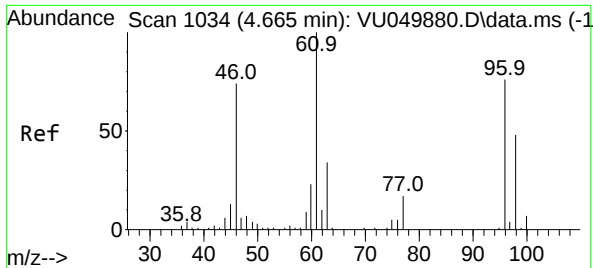
Ion Ratio Lower Upper

63 100

65 0.0 22.5 41.9#

83 0.0 8.3 15.5#

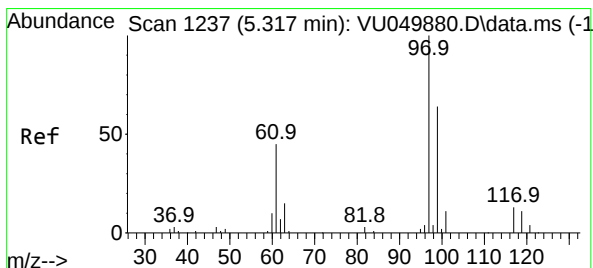
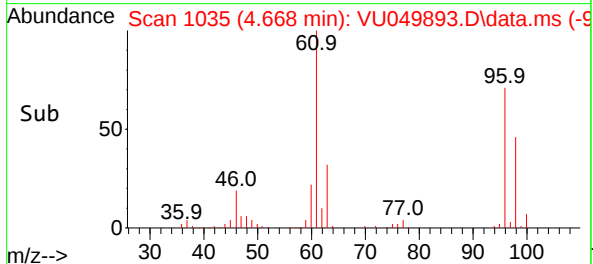
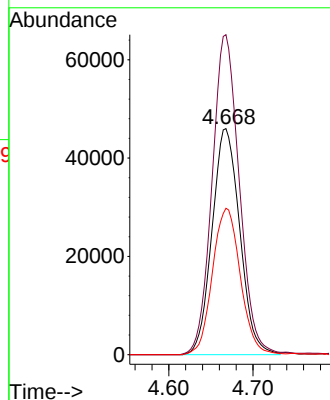
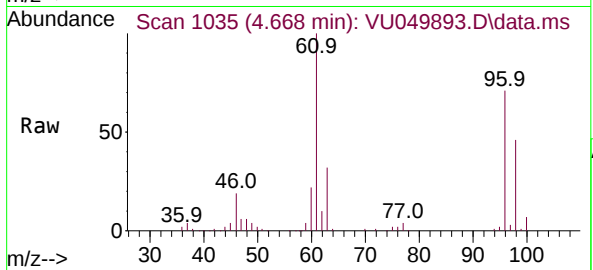




#22
 cis-1,2-Dichloroethene
 Concen: 13.960 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

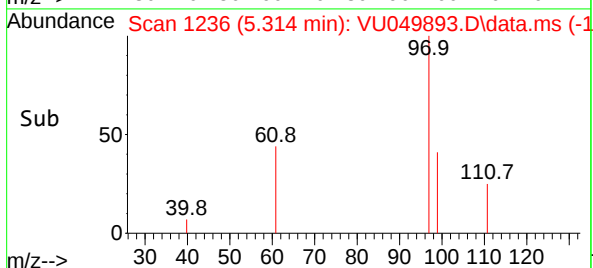
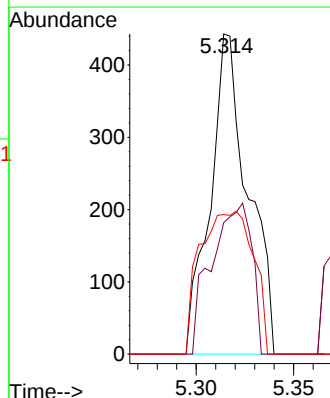
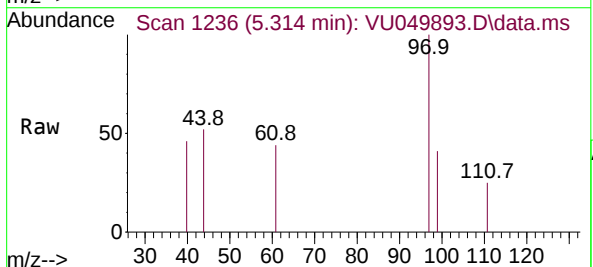
Instrument :
 MSVOA_U
 ClientSampleId :
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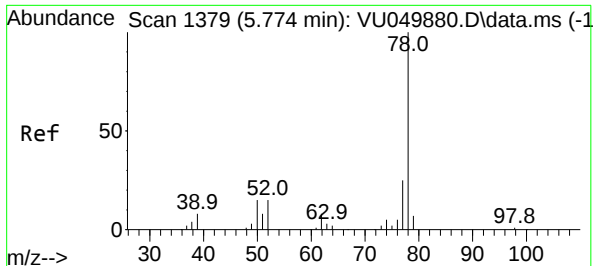
Tgt Ion: 96 Resp: 105200
 Ion Ratio Lower Upper
 96 100
 61 141.5 93.9 174.3
 98 64.7 43.9 81.5



#29
 1,1,1-Trichloroethane
 Concen: 0.052 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.003 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

Tgt Ion: 97 Resp: 598
 Ion Ratio Lower Upper
 97 100
 99 50.5 51.8 77.8#
 61 62.9 38.3 57.5#

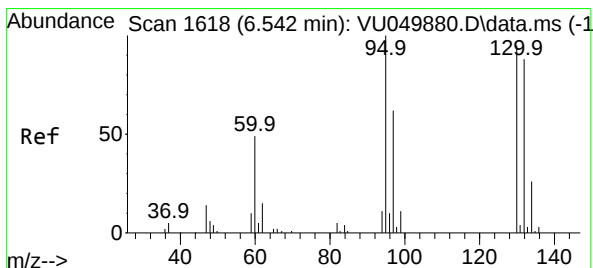
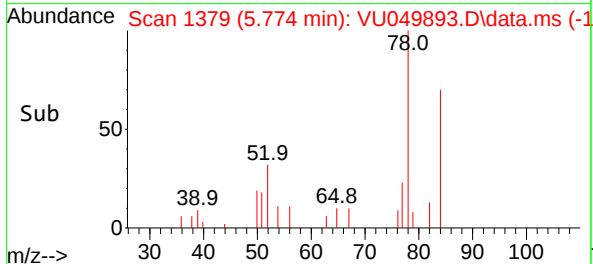
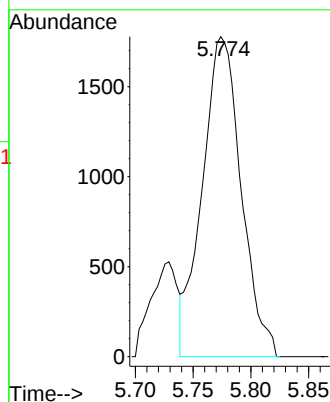
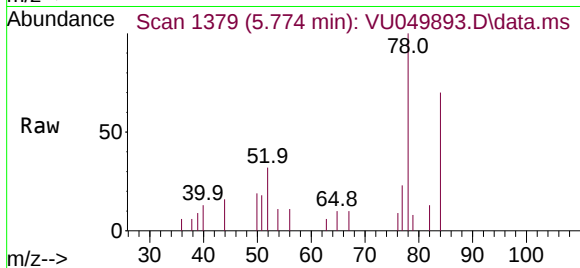




#33
Benzene
Concen: 0.141 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

Instrument :
MSVOA_U
ClientSampleId :
GBJ09

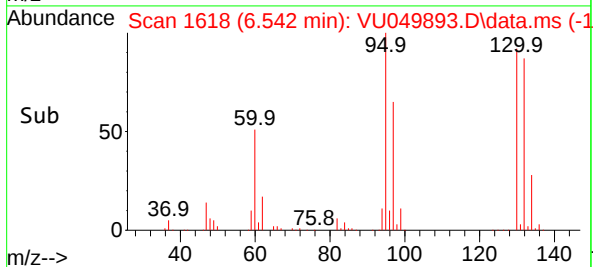
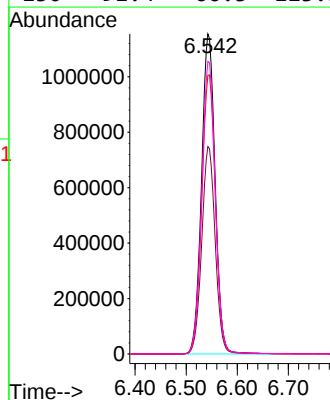
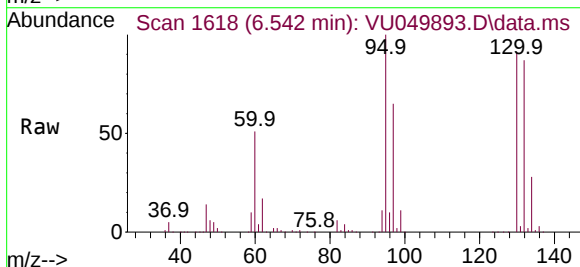
Tgt Ion: 78 Resp: 4169

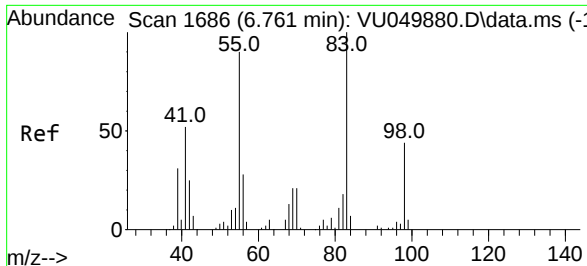


#34
Trichloroethene
Concen: 298.495 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

Tgt Ion: 95 Resp: 2140691

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.8	86.8
132	87.1	61.8	114.8
130	91.4	66.3	123.1

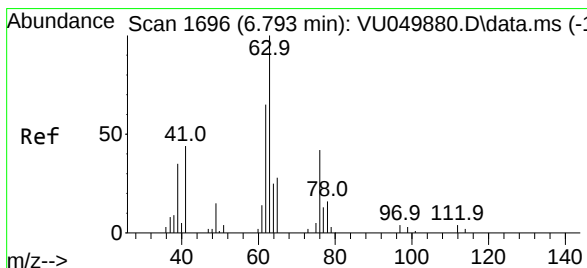
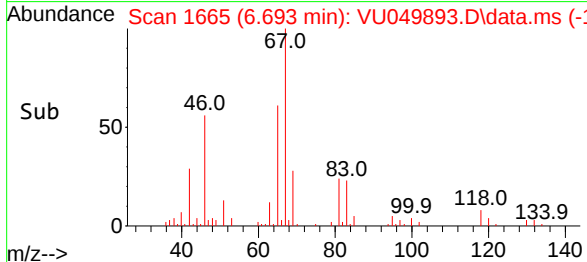
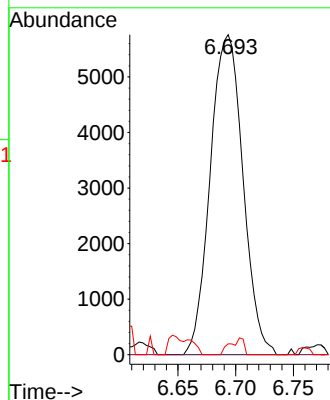
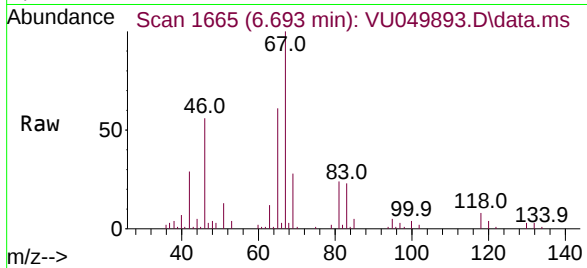




#35
Methylcyclohexane
Concen: 1.282 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.068 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

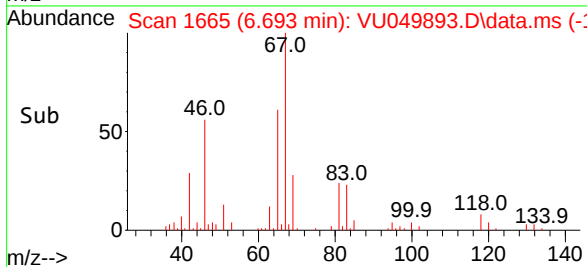
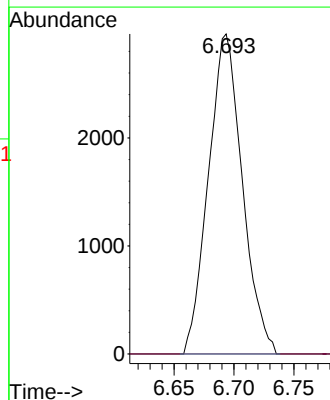
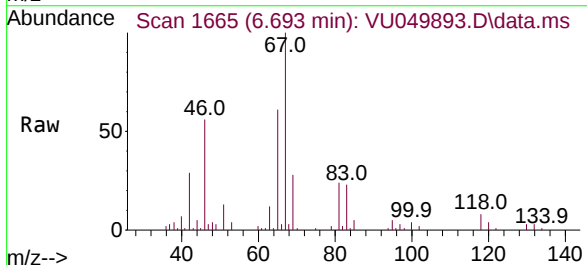
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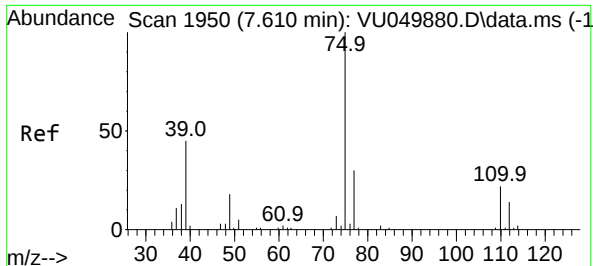
Tgt Ion: 83 Resp: 11344
Ion Ratio Lower Upper
83 100
55 0.0 69.0 103.4#
98 0.0 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

Tgt Ion: 63 Resp: 5826
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

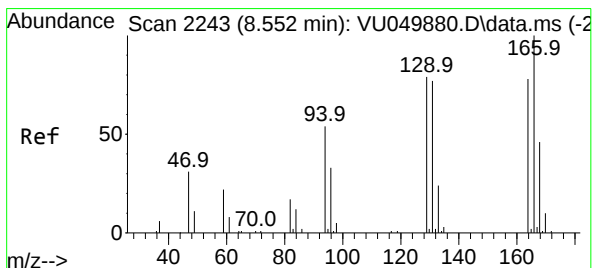
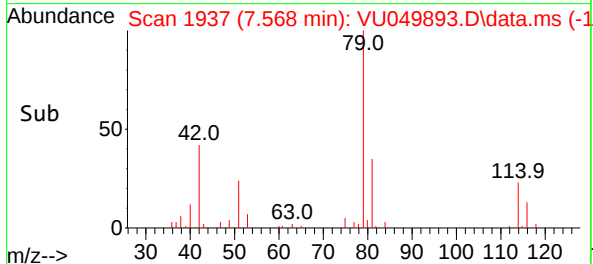
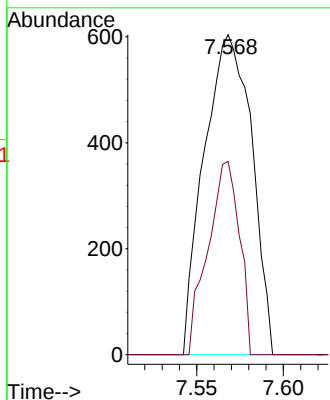
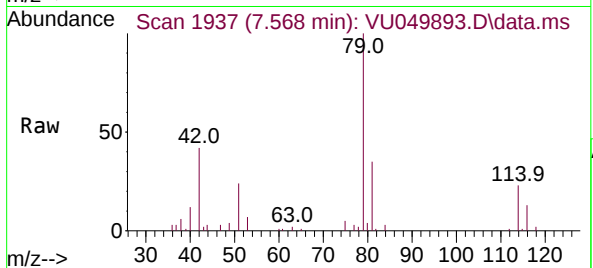
GBJ09

Tgt Ion: 75 Resp: 1152

Ion Ratio Lower Upper

75 100

77 60.4 21.6 40.0#



#47

Tetrachloroethene

Concen: 0.503 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049893.D

Acq: 26 Jul 2022 02:40

Tgt Ion:164 Resp: 2484

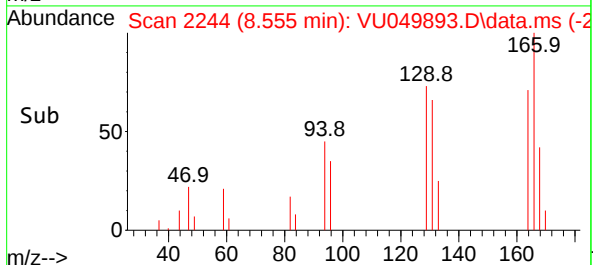
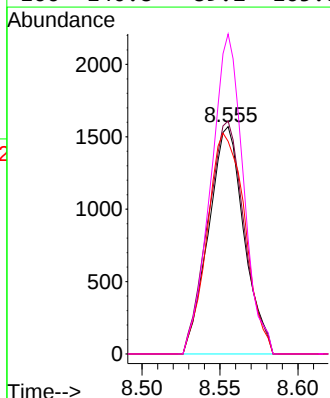
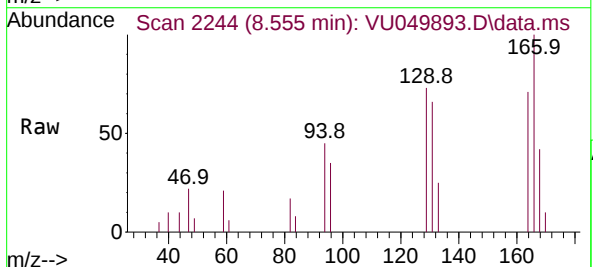
Ion Ratio Lower Upper

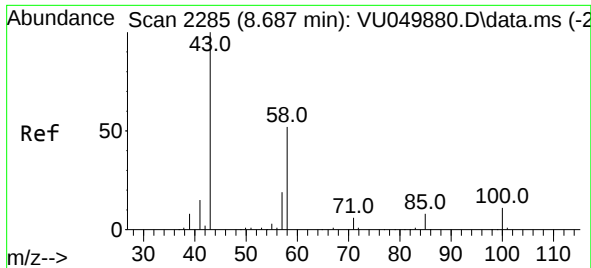
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129 102.5 68.9 127.9

131 93.6 67.5 125.4

166 140.8 89.2 165.8

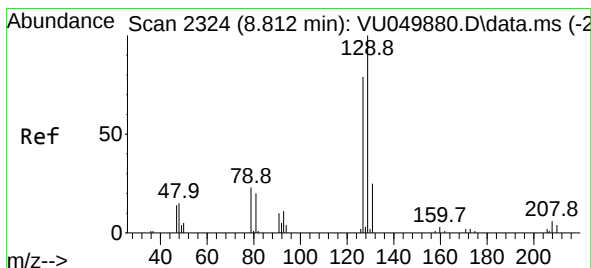
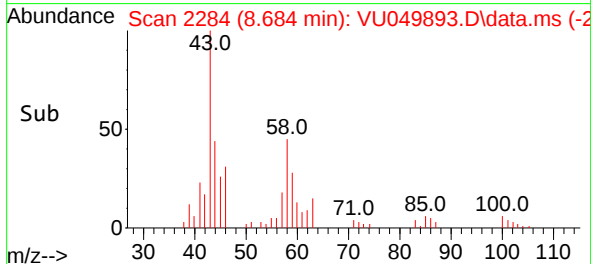
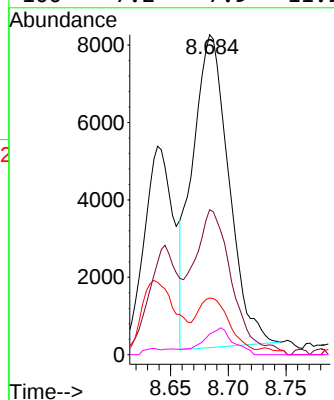
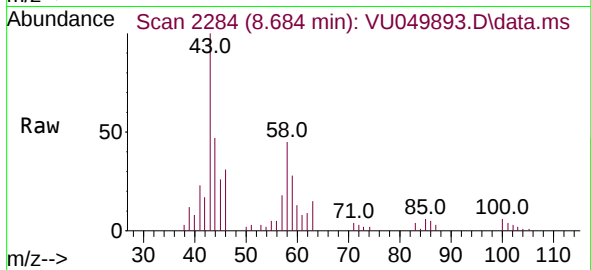




#48
2-Hexanone
Concen: 4.014 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

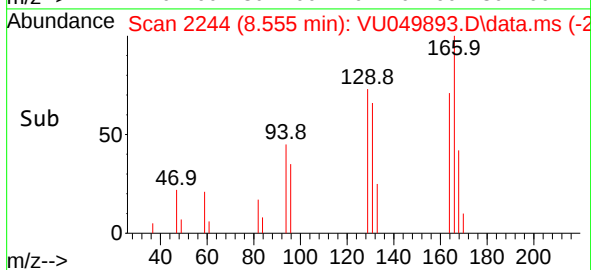
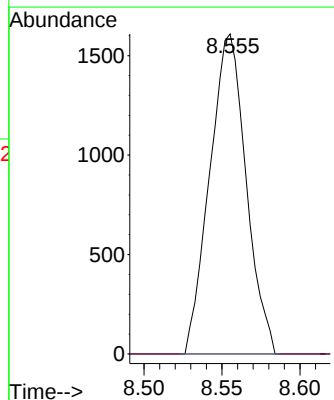
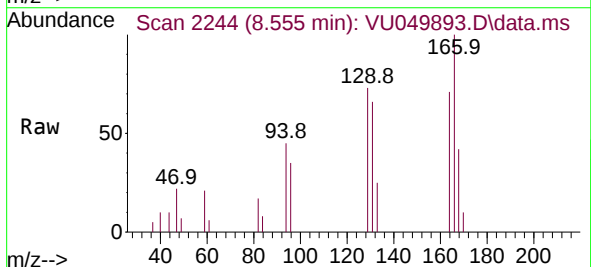
Instrument :
MSVOA_U
ClientSampleId :
GBJ09

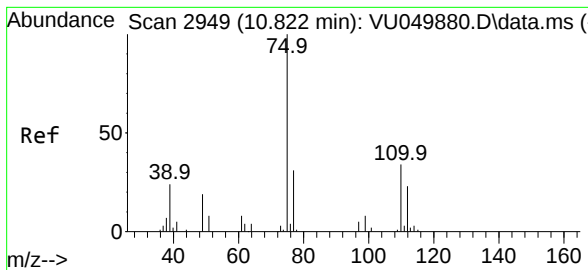
Tgt Ion: 43	Resp: 17616
Ion Ratio	Lower Upper
43 100	
58 48.2	42.1 63.1
57 16.5	14.3 21.5
100 7.2	7.9 11.9#



#49
Dibromochloromethane
Concen: 0.389 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU049893.D
Acq: 26 Jul 2022 02:40

Tgt Ion:129	Resp:	2613	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.5	93.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.059 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049893.D
 Acq: 26 Jul 2022 02:40

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ09

Tgt Ion: 75 Resp: 4863
 Ion Ratio Lower Upper
 75 100
 110 0.4 28.0 42.0#
 77 28.6 25.4 38.2

