

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049900.D
 Acq On : 26 Jul 2022 05:31
 Operator : SY/MD
 Sample : N3870-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ16

Quant Time: Jul 26 06:51:52 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

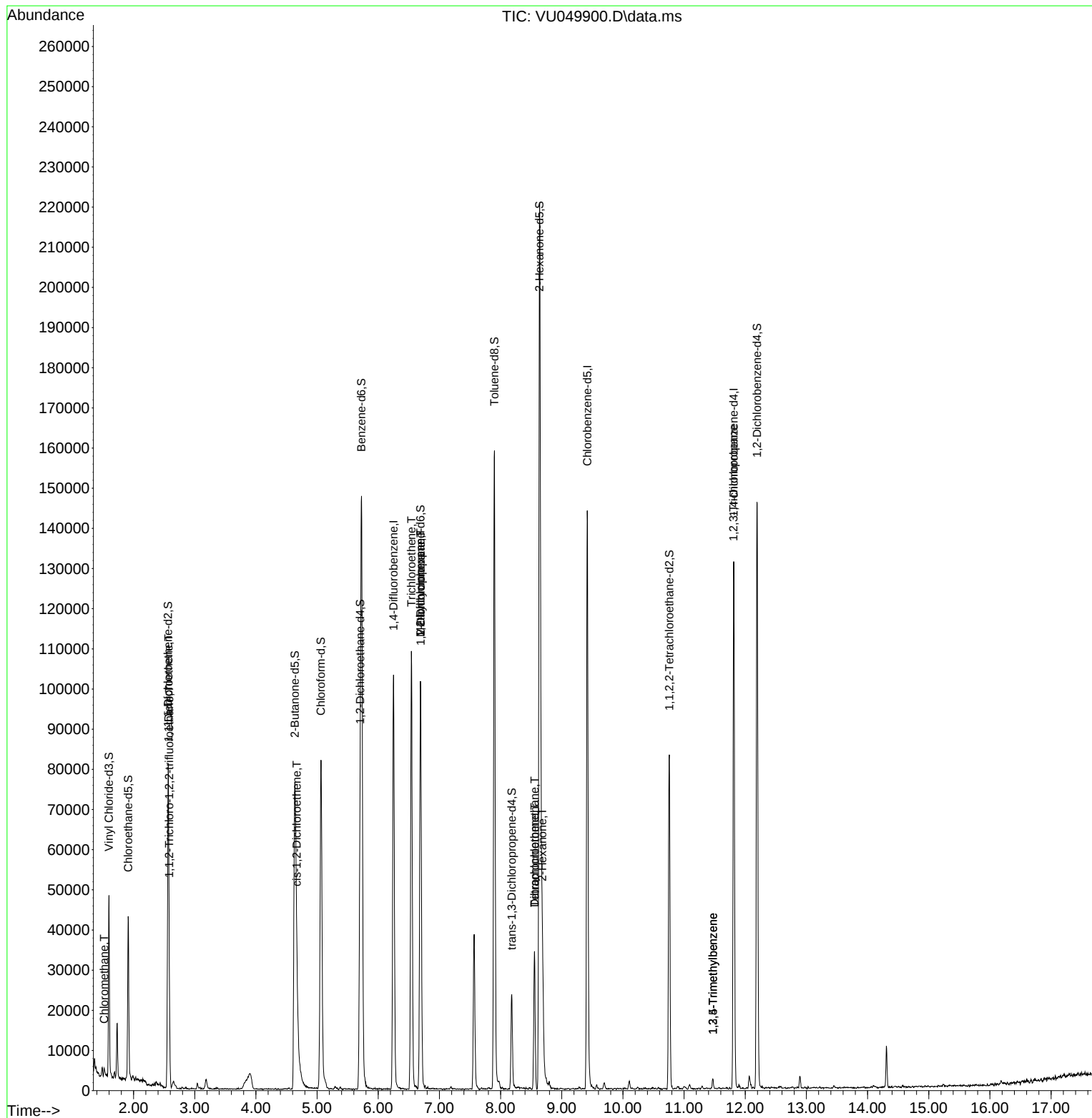
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79947	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30591	4.726	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.912	69	27950	5.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.565	65	13935	4.824	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.400%	
20) 2-Butanone-d5	4.636	46	134734	57.855	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.720%	
24) Chloroform-d	5.063	84	74184	5.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.703	65	43317	5.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.726	84	130595	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.690	67	47626	5.159	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.899	98	104290	4.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.182	79	13564	4.047	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.635	63	66419	50.009	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41948	5.411	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	37071	5.322	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1493	0.144	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	6134	1.175	ug/L	99
12) 1,1-Dichloroethene	2.571	96	971	0.184	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	2907	0.411	ug/L	95
34) Trichloroethene	6.542	95	36304	5.262	ug/L	98
35) Methylcyclohexane	6.690	83	11097	1.304	ug/L #	16
37) 1,2-Dichloropropane	6.693	63	5311	0.655	ug/L #	89
47) Tetrachloroethene	8.555	164	6907	1.454	ug/L	93
48) 2-Hexanone	8.684	43	18620	4.410	ug/L #	92
49) Dibromochloromethane	8.555	129	7155	1.106	ug/L #	14
61) 1,2,3-Trichloropropane	11.809	75	4305	0.957	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.471	105	1896	0.100	ug/L	90
63) 1,2,4-Trimethylbenzene	11.471	105	1896	0.104	ug/L	97

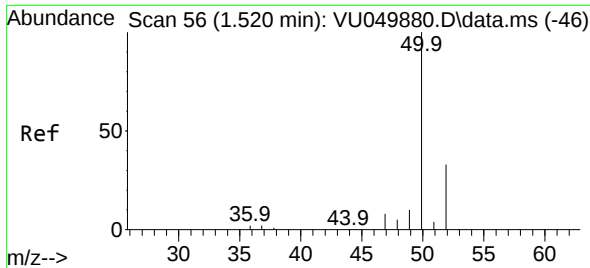
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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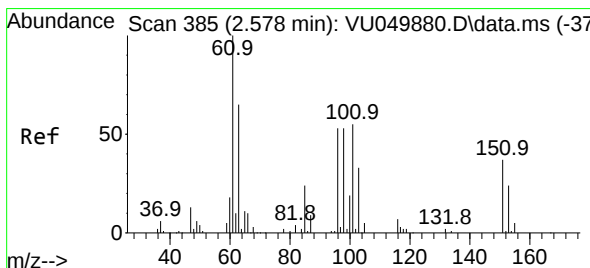
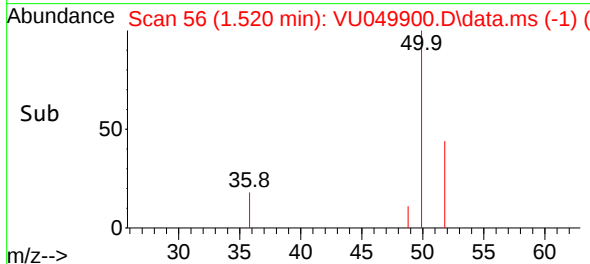
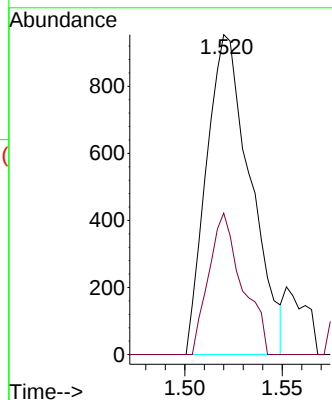
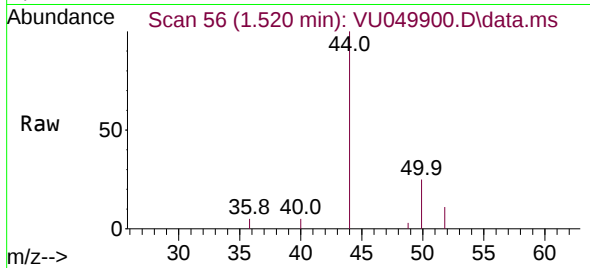




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

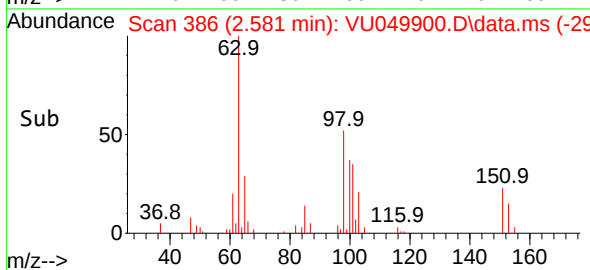
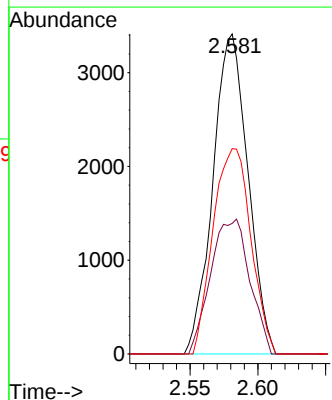
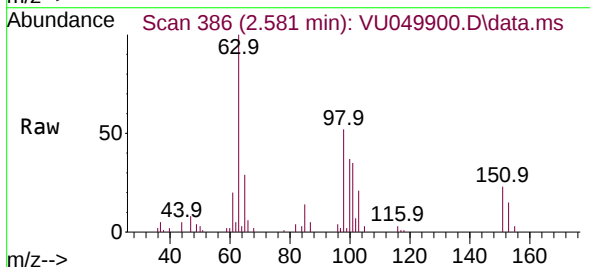
Instrument :
MSVOA_U
ClientSampleId :
GBJ16

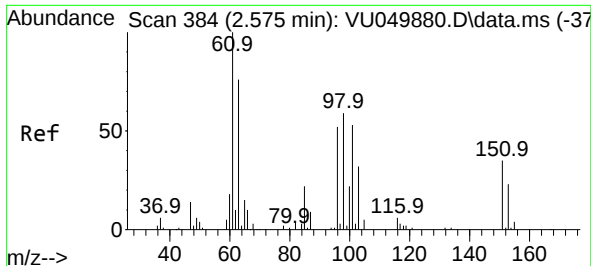
Tgt Ion: 50 Resp: 1493
Ion Ratio Lower Upper
50 100
52 44.2 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.175 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

Tgt Ion: 101 Resp: 6134
Ion Ratio Lower Upper
101 100
85 47.1 37.2 55.8
151 69.3 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.184 ug/L

RT: 2.571 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049900.D

Acq: 26 Jul 2022 05:31

Instrument :

MSVOA_U

ClientSampleId :

GBJ16

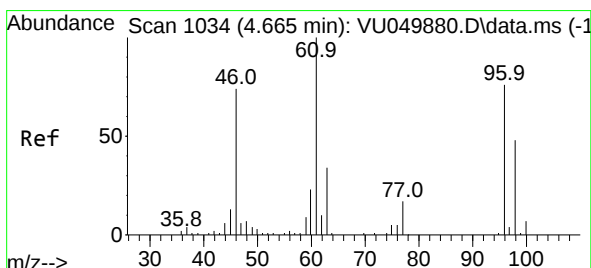
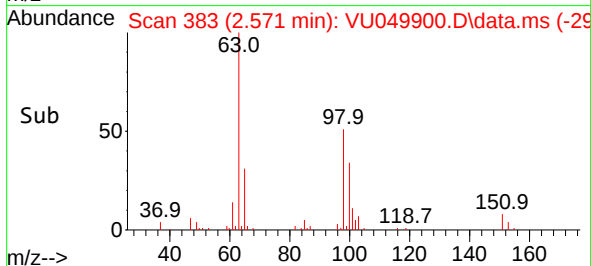
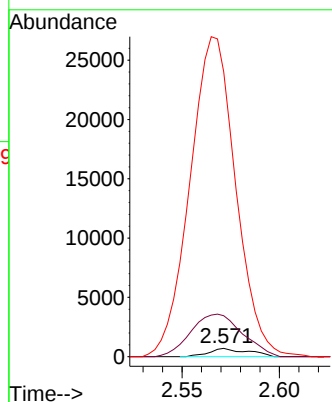
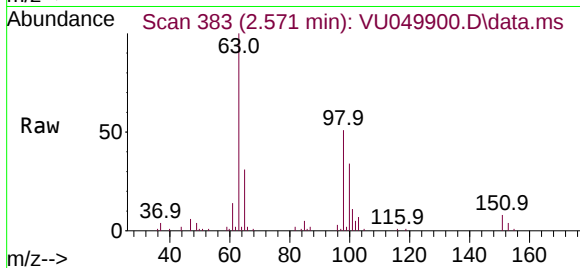
Tgt Ion: 96 Resp: 971

Ion Ratio Lower Upper

96 100

61 491.5 131.6 244.4#

63 3416.2 100.0 185.6#



#22

cis-1,2-Dichloroethene

Concen: 0.411 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049900.D

Acq: 26 Jul 2022 05:31

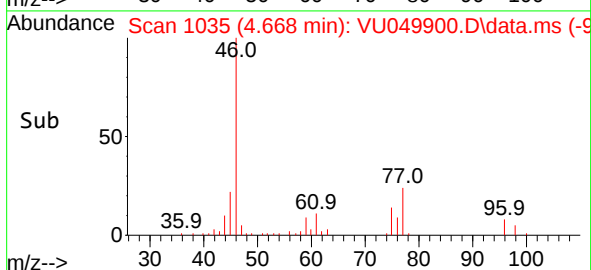
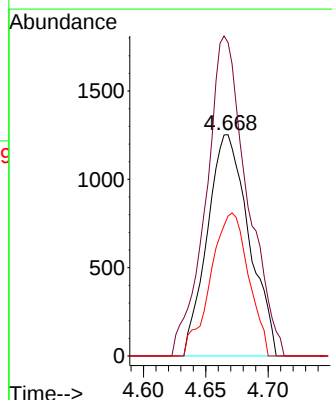
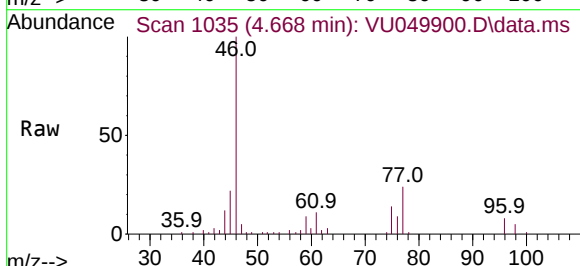
Tgt Ion: 96 Resp: 2907

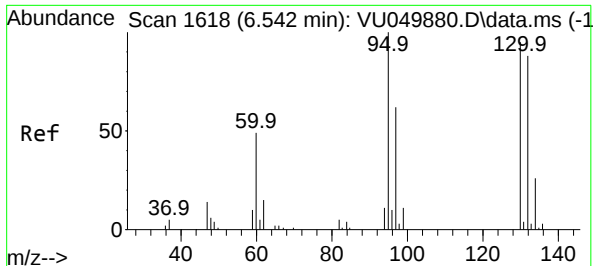
Ion Ratio Lower Upper

96 100

61 141.7 93.9 174.3

98 63.2 43.9 81.5



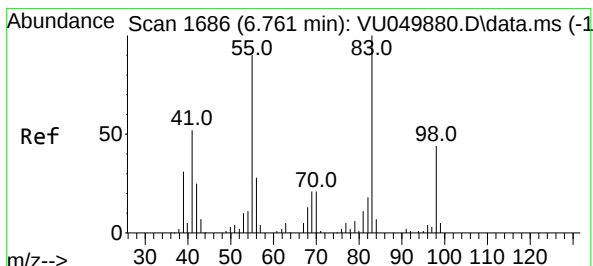
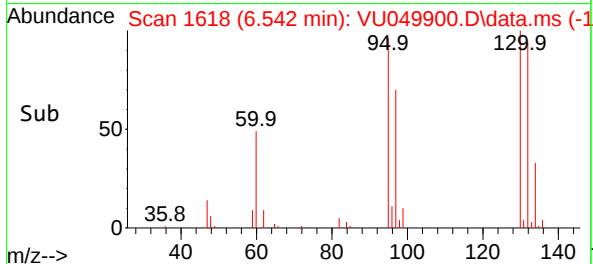
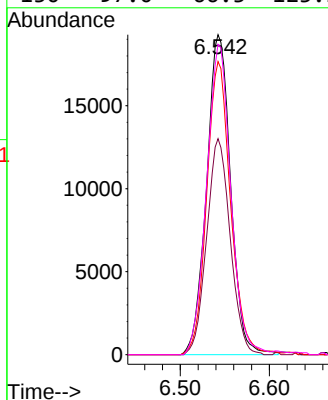
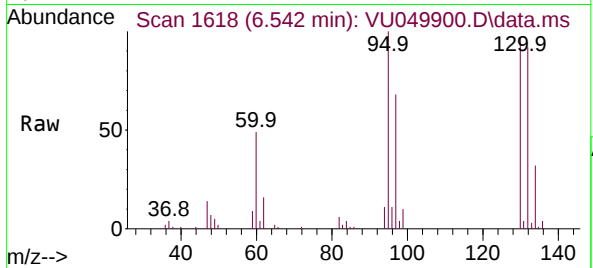


#34
Trichloroethene
Concen: 5.262 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

Instrument :
MSVOA_U
ClientSampleId :
GBJ16

Tgt Ion: 95 Resp: 36304

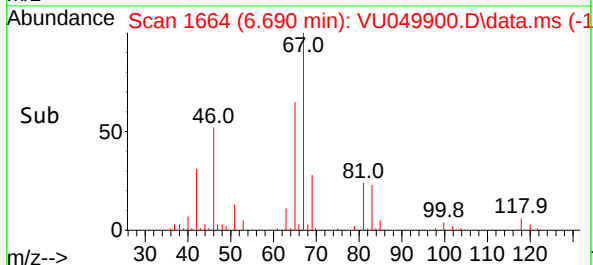
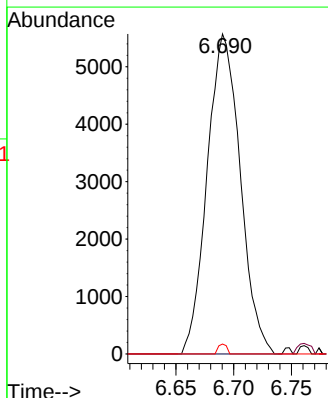
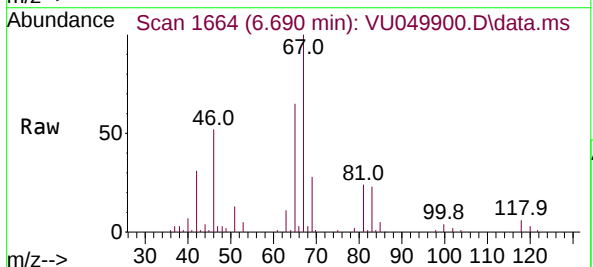
Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.8	86.8
132	91.6	61.8	114.8
130	97.0	66.3	123.1

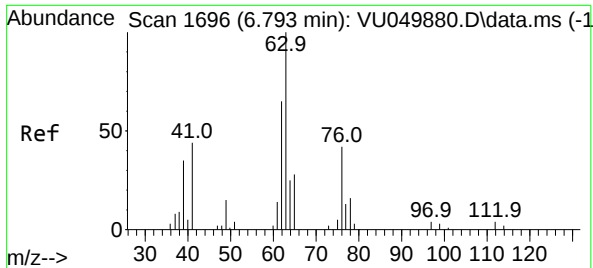


#35
Methylcyclohexane
Concen: 1.304 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

Tgt Ion: 83 Resp: 11097

Ion	Ratio	Lower	Upper
83	100		
55	1.3	69.0	103.4#
98	0.8	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049900.D

Acq: 26 Jul 2022 05:31

Instrument :

MSVOA_U

ClientSampleId :

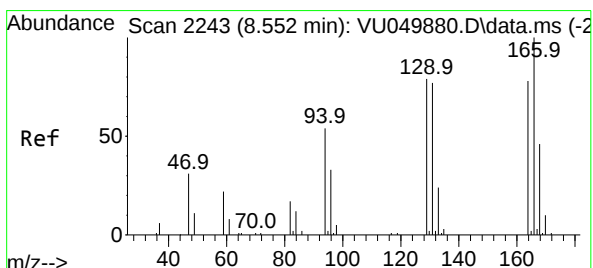
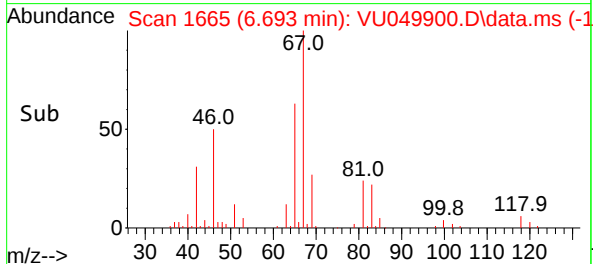
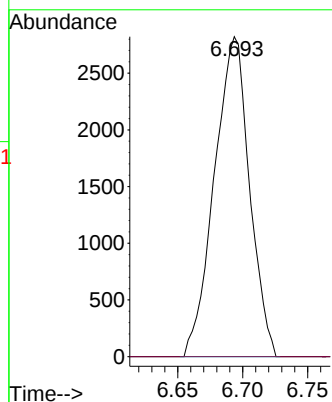
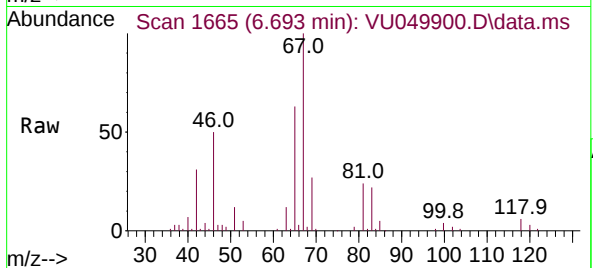
GBJ16

Tgt Ion: 63 Resp: 5311

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 1.454 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049900.D

Acq: 26 Jul 2022 05:31

Tgt Ion:164 Resp: 6907

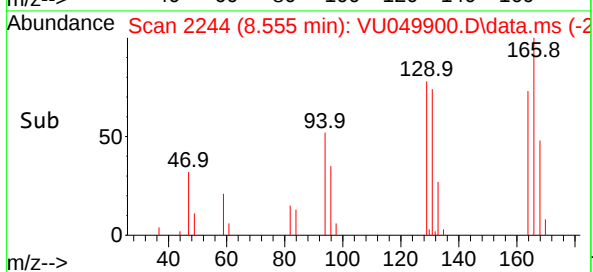
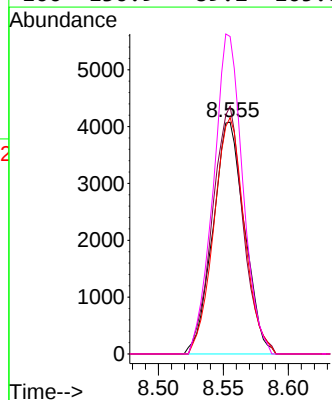
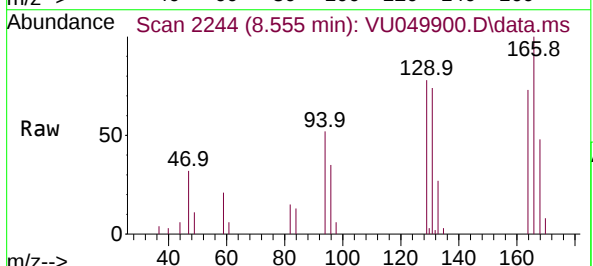
Ion Ratio Lower Upper

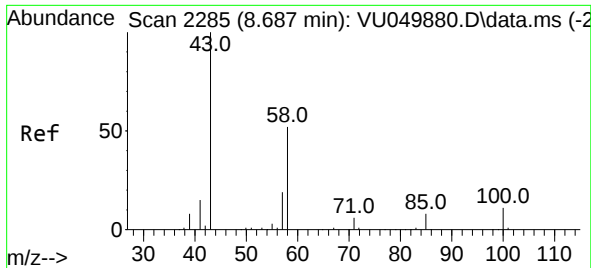
164 100

129 106.8 68.9 127.9

131 101.9 67.5 125.4

166 136.9 89.2 165.8

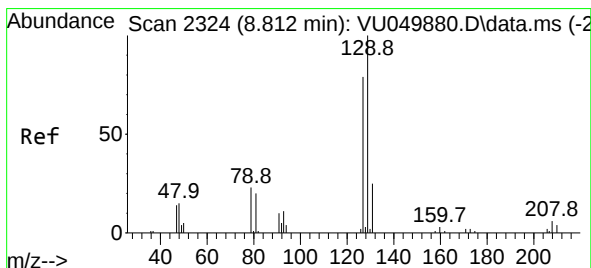
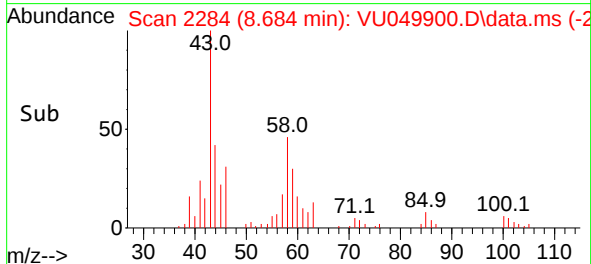
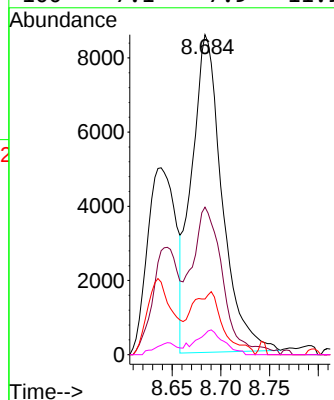
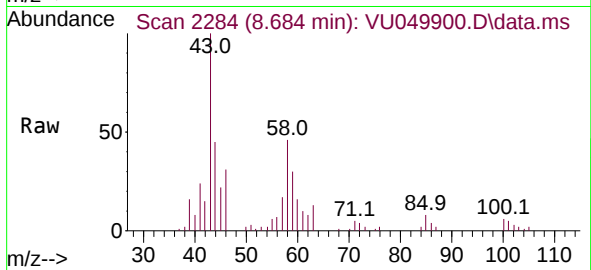




#48
2-Hexanone
Concen: 4.410 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

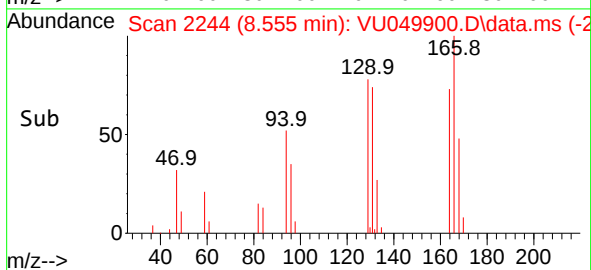
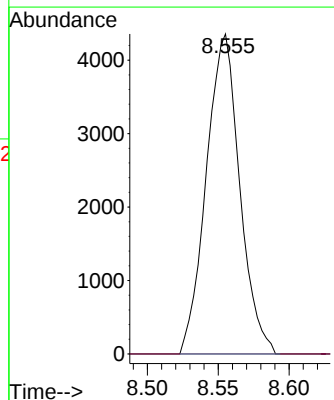
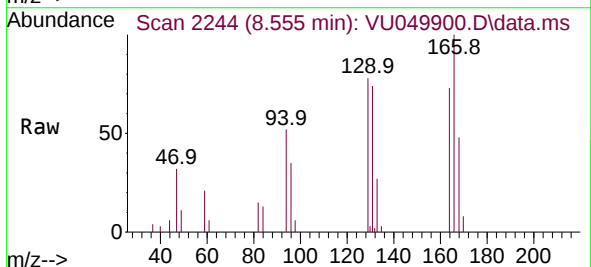
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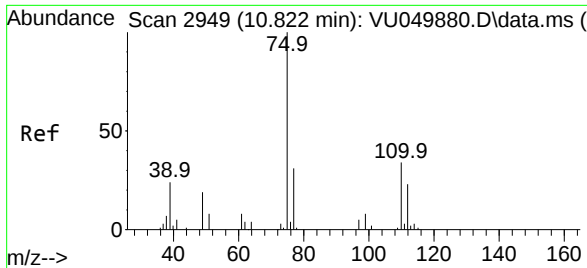
Tgt Ion: 43 Resp: 18620
Ion Ratio Lower Upper
43 100
58 46.8 42.1 63.1
57 20.5 14.3 21.5
100 7.1 7.9 11.9#



#49
Dibromochloromethane
Concen: 1.106 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

Tgt Ion: 129 Resp: 7155
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#

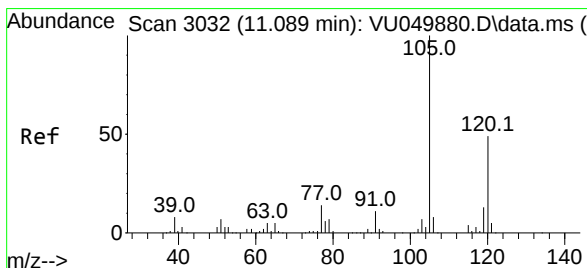
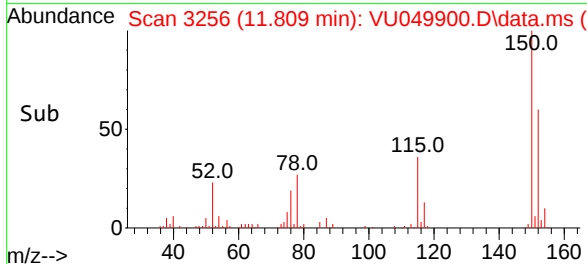
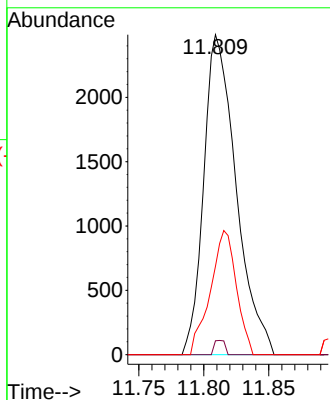
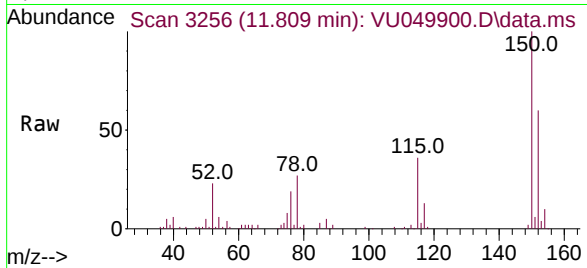




#61
1,2,3-Trichloropropane
Concen: 0.957 ug/L
RT: 11.809 min Scan# 3151
Delta R.T. 0.987 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

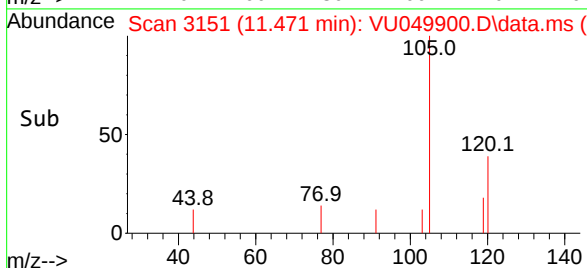
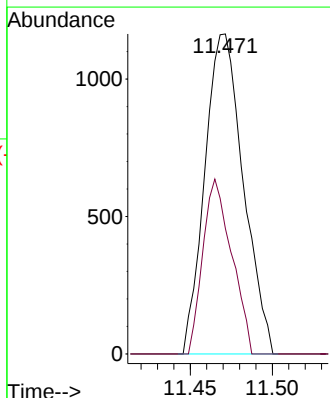
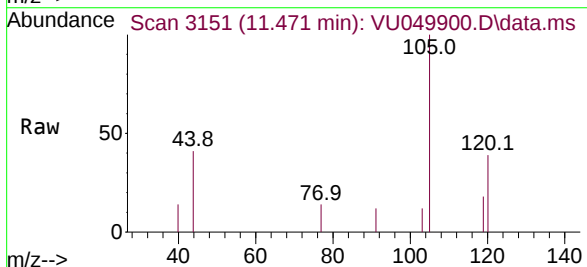
Instrument :
MSVOA_U
ClientSampleId :
GBJ16

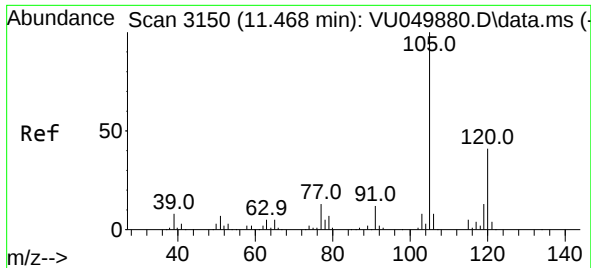
Tgt Ion: 75 Resp: 4305
Ion Ratio Lower Upper
75 100
110 1.4 28.0 42.0#
77 31.1 25.4 38.2



#62
1,3,5-Trimethylbenzene
Concen: 0.100 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.382 min
Lab File: VU049900.D
Acq: 26 Jul 2022 05:31

Tgt Ion: 105 Resp: 1896
Ion Ratio Lower Upper
105 100
120 40.8 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 0.104 ug/L

RT: 11.471 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049900.D

Acq: 26 Jul 2022 05:31

Instrument :

MSVOA_U

ClientSampleId :

GBJ16

Tgt Ion:105 Resp: 1896

Ion Ratio Lower Upper

105 100

120 40.8 34.2 51.4

