

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049964.D
 Acq On : 27 Jul 2022 22:40
 Operator : SY/MD
 Sample : N3870-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ16

Quant Time: Jul 28 03:50:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

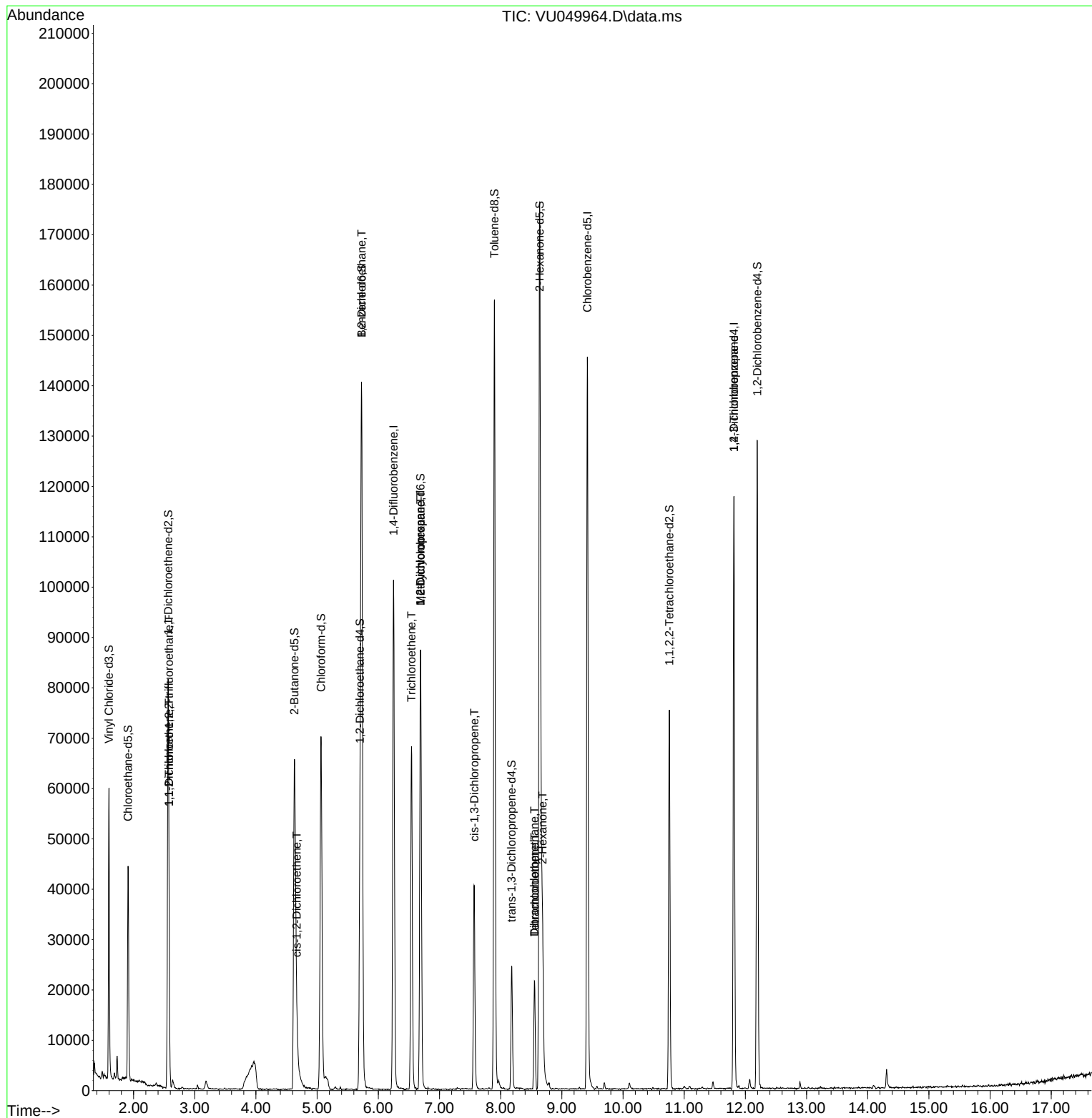
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40270	5.459	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.200%		
7) Chloroethane-d5	1.909	69	31190	5.887	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 117.800%		
11) 1,1-Dichloroethene-d2	2.565	65	14518	5.711	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 114.200%		
20) 2-Butanone-d5	4.629	46	101035	61.529	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 123.060%		
24) Chloroform-d	5.063	84	65793	5.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
26) 1,2-Dichloroethane-d4	5.700	65	35016	5.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.800%		
32) Benzene-d6	5.726	84	135890	5.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
36) 1,2-Dichloropropane-d6	6.690	67	45975	5.588	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.800%		
41) Toluene-d8	7.896	98	110745	4.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.200%		
43) trans-1,3-Dichloroprop...	8.179	79	15022	5.210	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.200%		
46) 2-Hexanone-d5	8.636	63	55609	51.520	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39162	5.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 113.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	35007	5.814	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.200%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	4379	0.855	ug/L	90
12) 1,1-Dichloroethene	2.578	96	745	0.157	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	1699	0.273	ug/L	89
27) 1,2-Dichloroethane	5.726	62	660	0.099	ug/L #	73
34) Trichloroethene	6.542	95	24476	4.060	ug/L	98
35) Methylcyclohexane	6.690	83	10178	1.280	ug/L #	22
37) 1,2-Dichloropropane	6.690	63	4369	0.639	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	907	0.103	ug/L #	40
47) Tetrachloroethene	8.555	164	5064	1.167	ug/L	95
48) 2-Hexanone	8.684	43	17700	5.879	ug/L #	86
49) Dibromochloromethane	8.552	129	5150	0.921	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4076	1.081	ug/L #	65

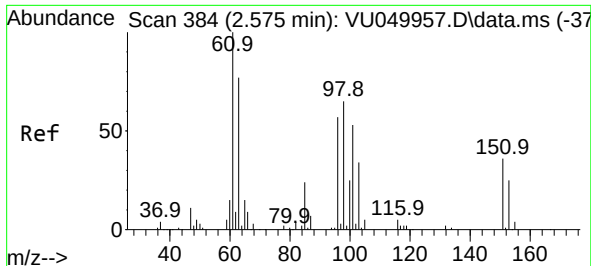
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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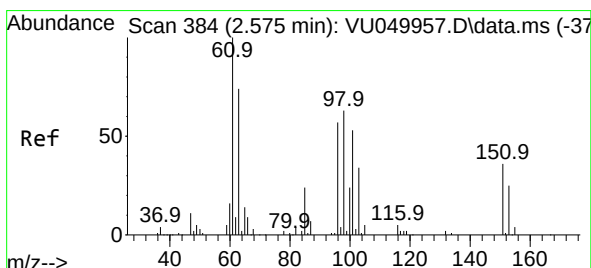
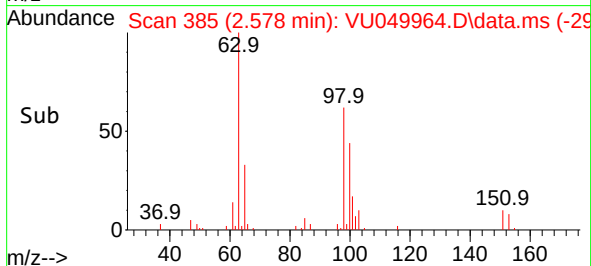
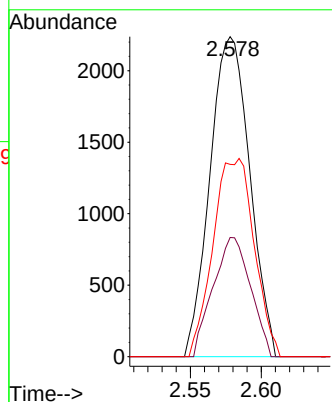
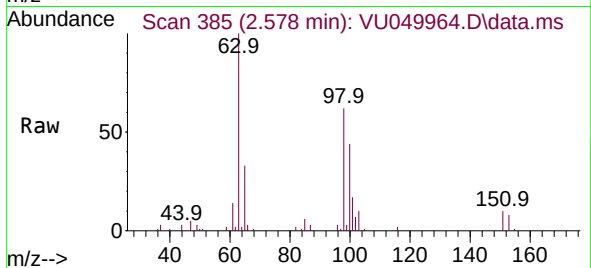




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.855 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049964.D
Acq: 27 Jul 2022 22:40

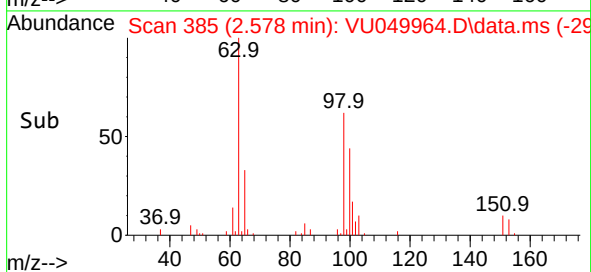
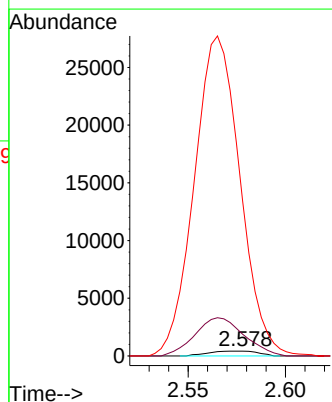
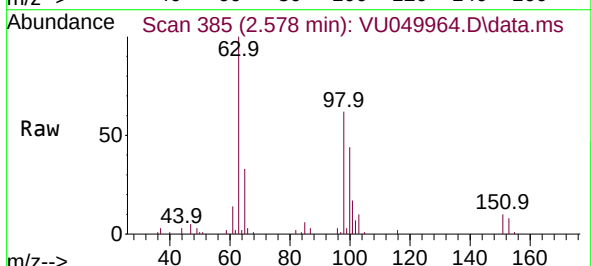
Instrument :
MSVOA_U
ClientSampleId :
GBJ16

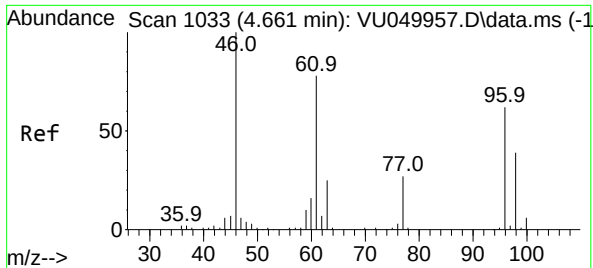
Tgt Ion:101 Resp: 4379
Ion Ratio Lower Upper
101 100
85 35.0 34.1 51.1
151 64.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.157 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049964.D
Acq: 27 Jul 2022 22:40

Tgt Ion: 96 Resp: 745
Ion Ratio Lower Upper
96 100
61 446.9 115.7 214.9#
63 3185.3 84.8 157.4#

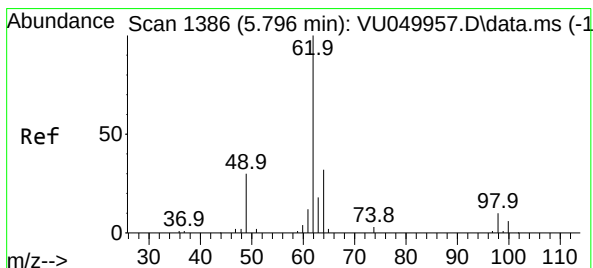
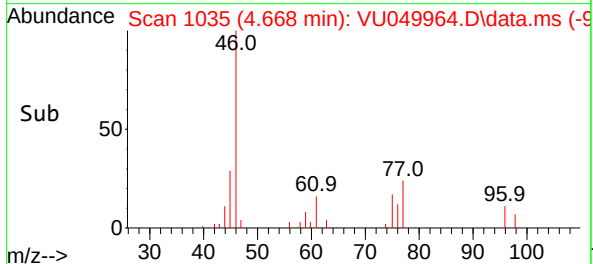
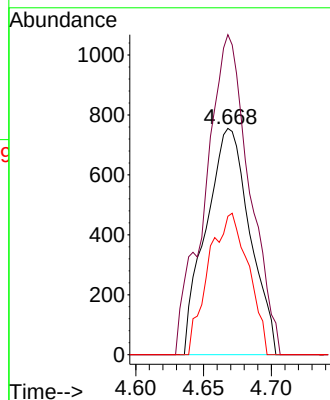
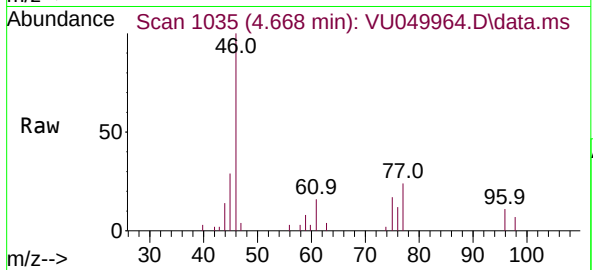




#22
 cis-1,2-Dichloroethene
 Concen: 0.273 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VU049964.D
 Acq: 27 Jul 2022 22:40

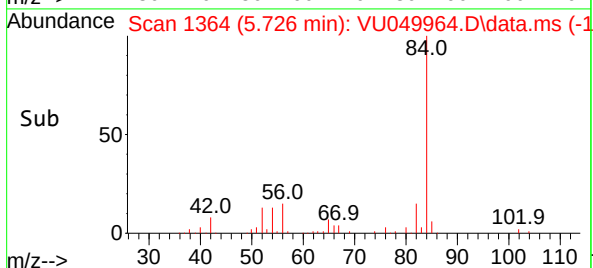
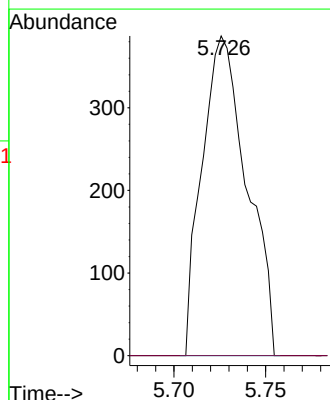
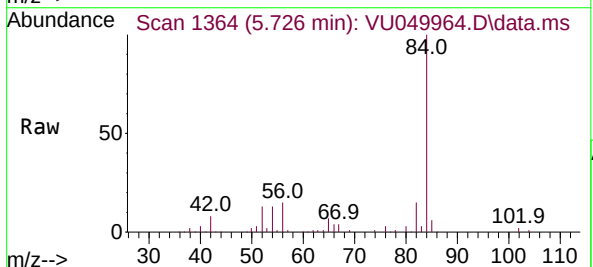
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ16

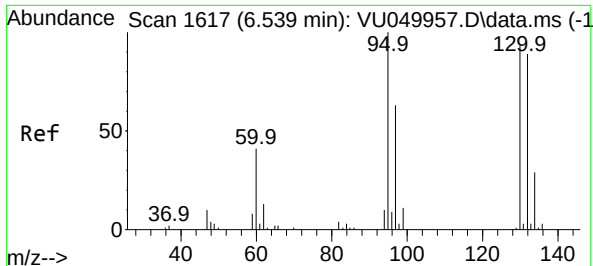
Tgt Ion:	96	Resp:	1699
Ion	Ratio	Lower	Upper
96	100		
61	141.5	87.2	161.9
98	61.2	44.7	83.1



#27
 1,2-Dichloroethane
 Concen: 0.099 ug/L
 RT: 5.726 min Scan# 1364
 Delta R.T. -0.071 min
 Lab File: VU049964.D
 Acq: 27 Jul 2022 22:40

Tgt Ion:	62	Resp:	660
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#



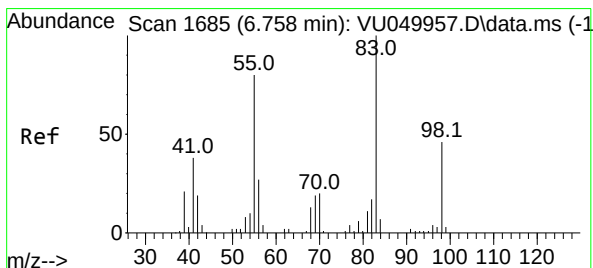
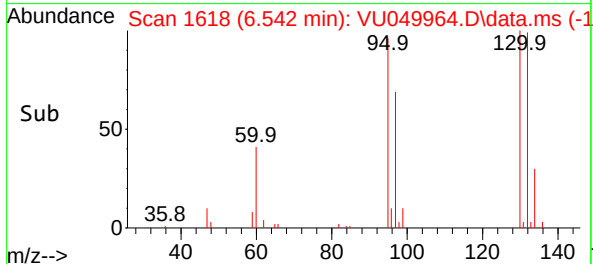
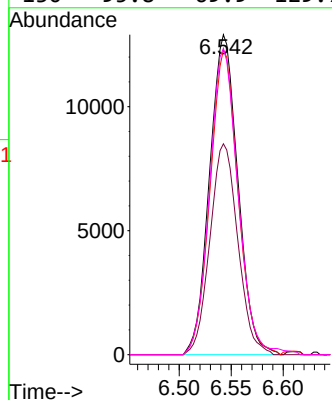
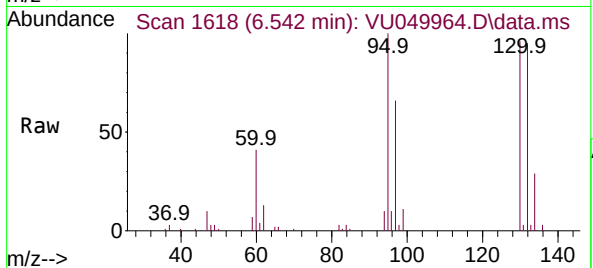


#34
Trichloroethene
Concen: 4.060 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU049964.D
Acq: 27 Jul 2022 22:40

Instrument :
MSVOA_U
ClientSampleId :
GBJ16

Tgt Ion: 95 Resp: 24476

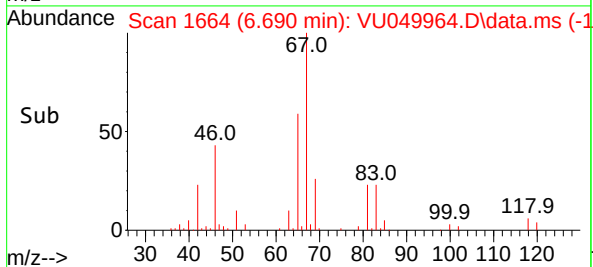
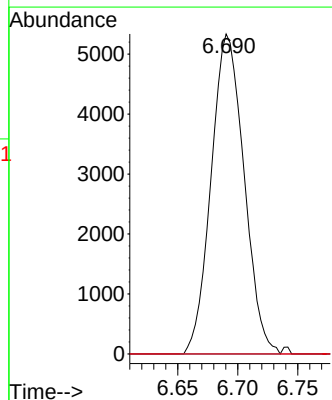
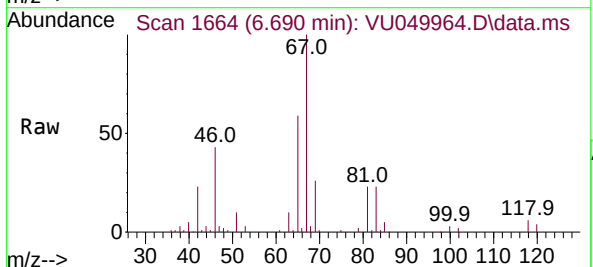
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.6	84.8
132	95.3	66.8	124.2
130	95.8	69.9	129.7

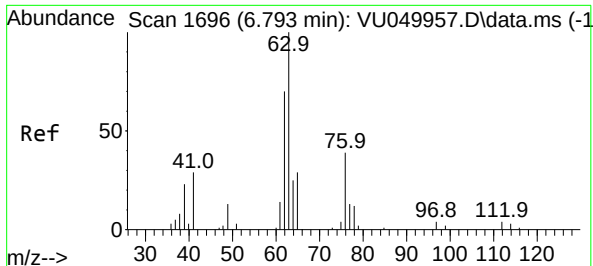


#35
Methylcyclohexane
Concen: 1.280 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.067 min
Lab File: VU049964.D
Acq: 27 Jul 2022 22:40

Tgt Ion: 83 Resp: 10178

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.6	92.4#
98	6.2	34.8	52.2#

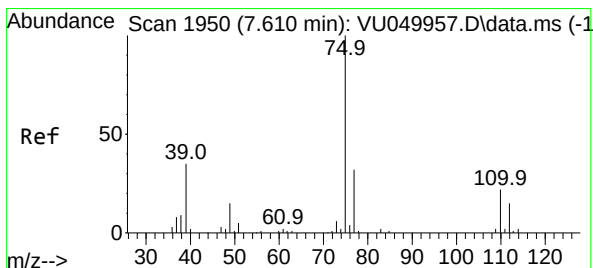
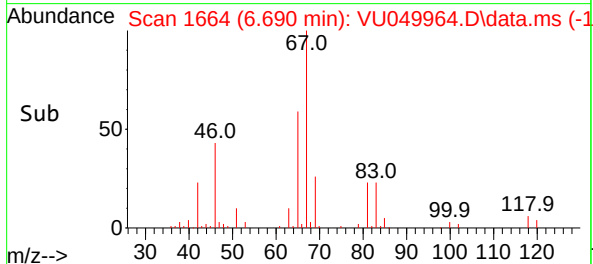
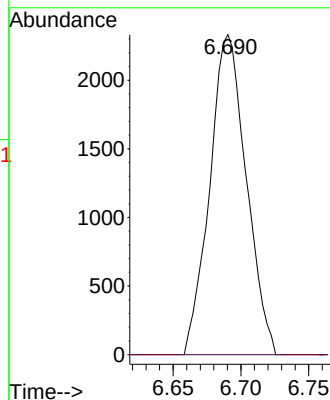
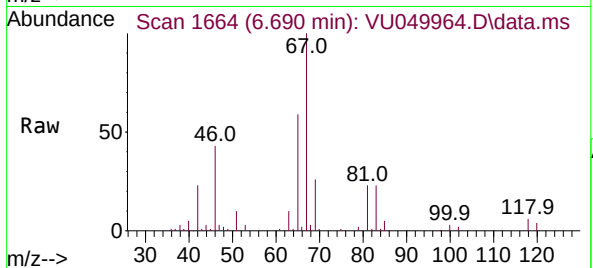




#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049964.D
Acq: 27 Jul 2022 22:40

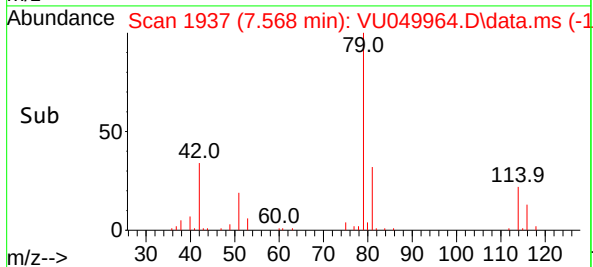
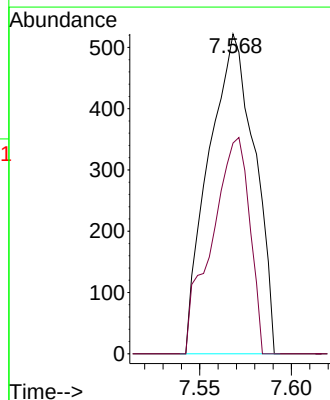
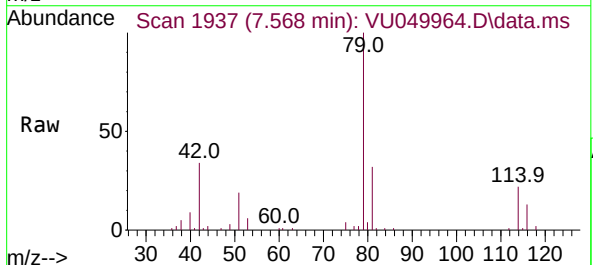
Instrument :
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ClientSampleId :
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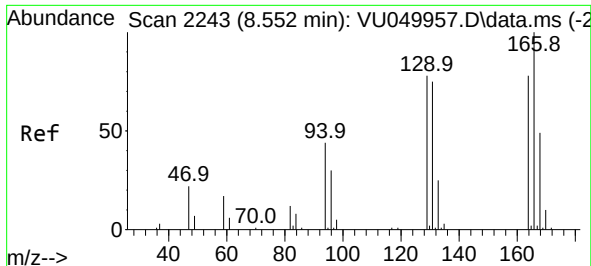
Tgt Ion: 63 Resp: 4369
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU049964.D
Acq: 27 Jul 2022 22:40

Tgt Ion: 75 Resp: 907
Ion Ratio Lower Upper
75 100
77 65.9 22.5 41.9#





#47

Tetrachloroethene

Concen: 1.167 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049964.D

Acq: 27 Jul 2022 22:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ16

Tgt Ion:164 Resp: 5064

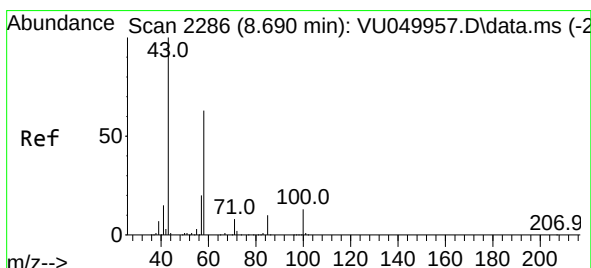
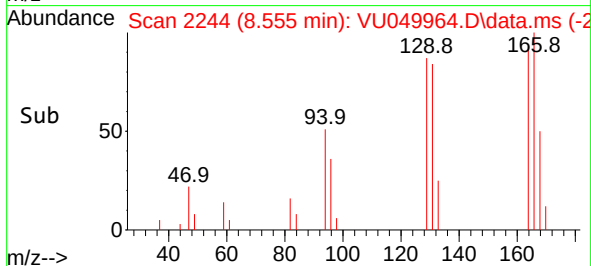
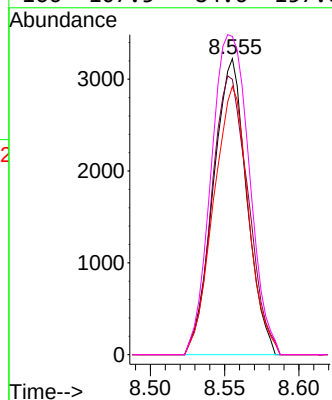
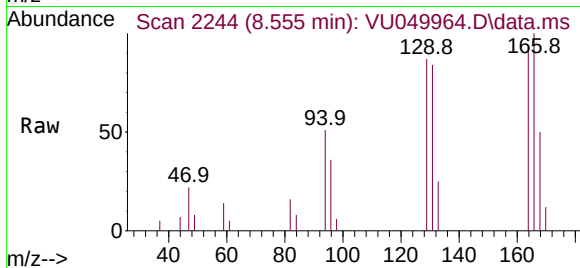
Ion Ratio Lower Upper

164 100

129 93.0 66.3 123.1

131 90.6 63.1 117.1

166 107.5 84.6 157.0



#48

2-Hexanone

Concen: 5.879 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VU049964.D

Acq: 27 Jul 2022 22:40

Tgt Ion: 43 Resp: 17700

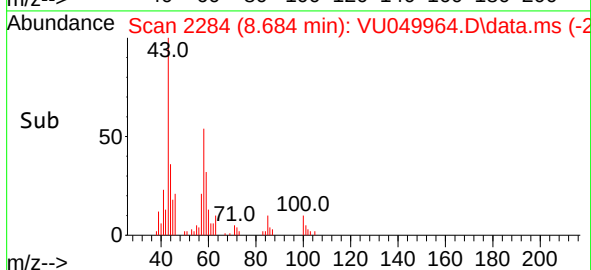
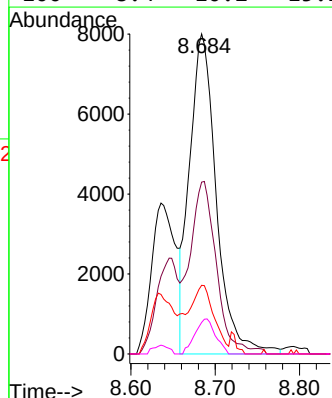
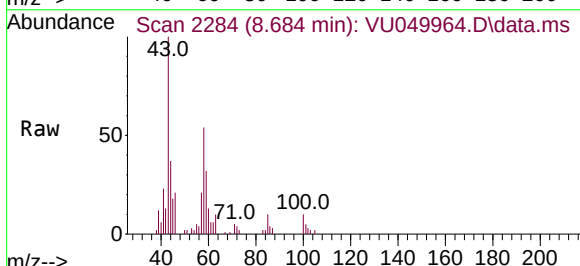
Ion Ratio Lower Upper

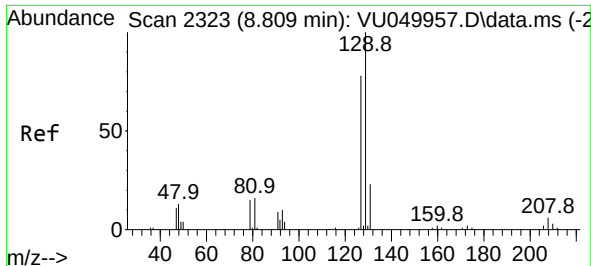
43 100

58 48.3 49.4 74.0#

57 18.3 17.0 25.4

100 8.4 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.921 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049964.D

Acq: 27 Jul 2022 22:40

Instrument :

MSVOA_U

ClientSampleId :

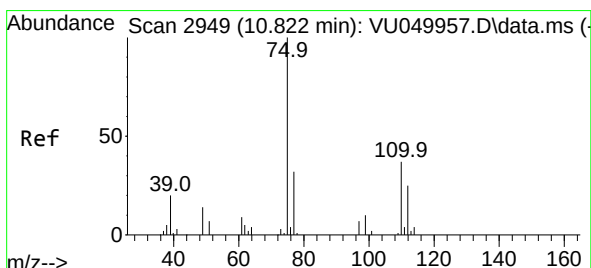
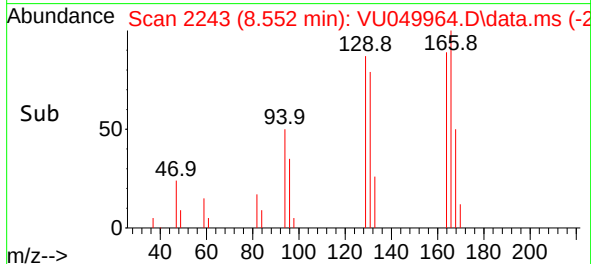
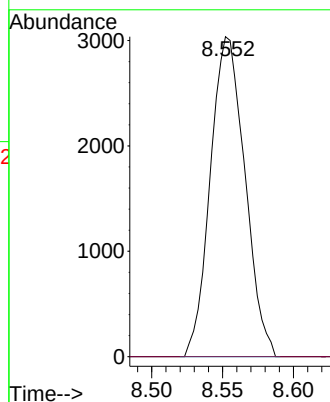
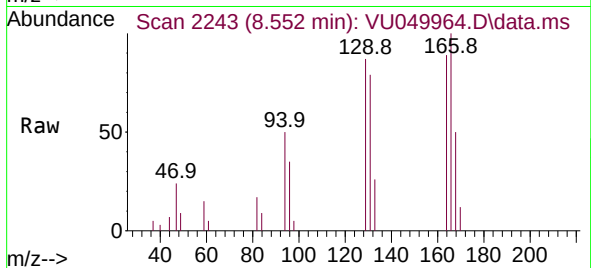
GBJ16

Tgt Ion:129 Resp: 5150

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.081 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049964.D

Acq: 27 Jul 2022 22:40

Tgt Ion: 75 Resp: 4076

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 27.6 24.7 37.1

