

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050690.D
 Acq On : 08 Sep 2022 17:15
 Operator : SY/MD
 Sample : N4440-04ME
 Misc : 4.38g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 22:56:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

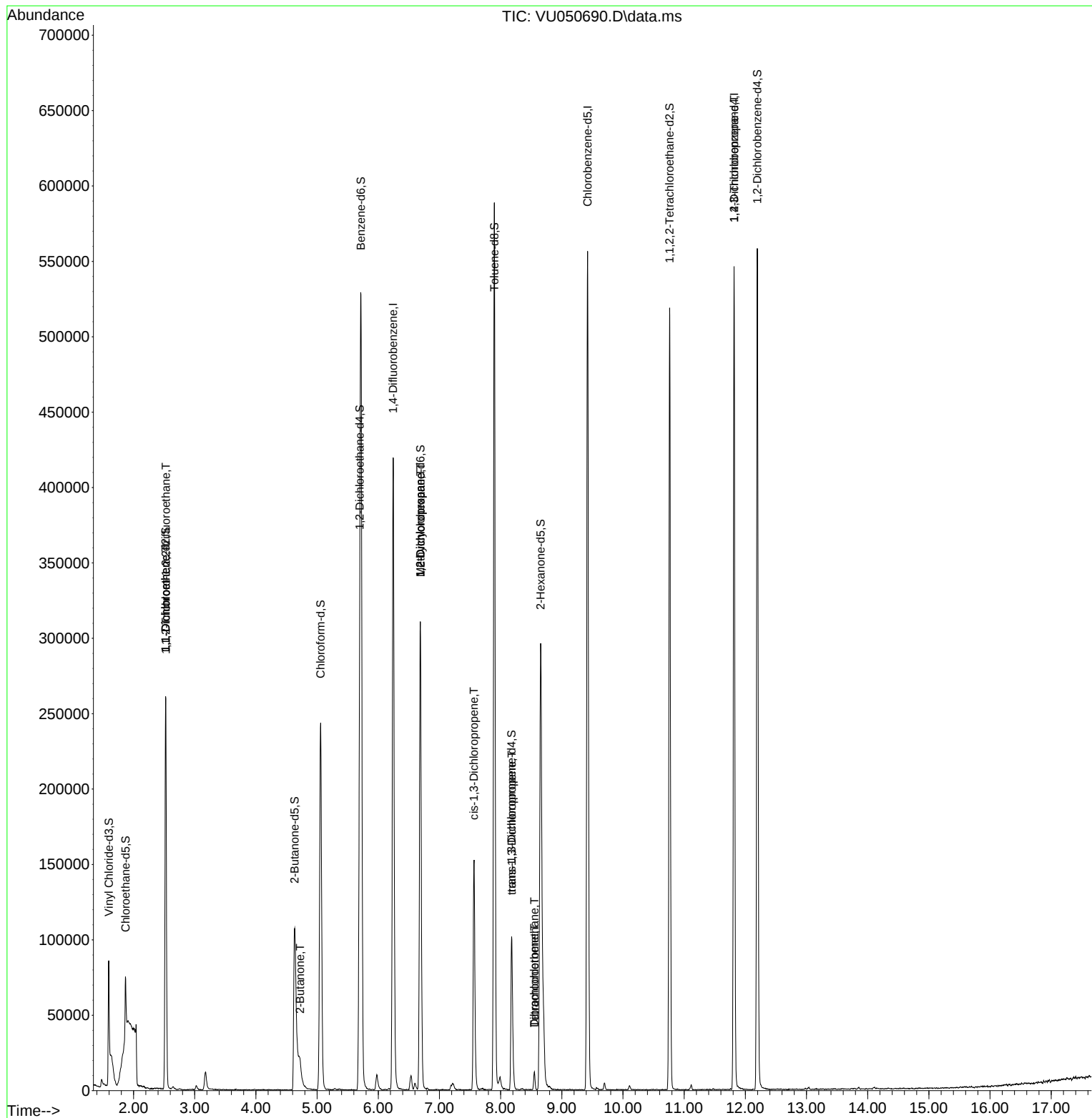
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	358928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	360222	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	150124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	72690	23.678	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	47.360%#		
7) Chloroethane-d5	1.868	69	35356	17.031	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.060%#		
11) 1,1-Dichloroethene-d2	2.524	63	154900	28.553	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.100%#		
21) 2-Butanone-d5	4.633	46	200272	89.166	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.170%		
24) Chloroform-d	5.057	84	243291	41.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.620%		
26) 1,2-Dichloroethane-d4	5.697	65	156202	43.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.860%		
32) Benzene-d6	5.716	84	480113	40.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.660%		
36) 1,2-Dichloropropane-d6	6.687	67	160775	41.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.280%		
41) Toluene-d8	7.896	98	411808	40.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.900%		
43) trans-1,3-Dichloroprop...	8.179	79	69546	43.006	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.020%		
47) 2-Hexanone-d5	8.652	63	108687	110.555	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.560%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	261968	44.293	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.580%		
66) 1,2-Dichlorobenzene-d4	12.195	152	155448	44.233	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.460%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	1527	0.544	ug/L #	21
12) 1,1-Dichloroethene	2.524	96	1234	0.453	ug/L #	1
22) 2-Butanone	4.720	43	23022	8.688	ug/L	98
35) Methylcyclohexane	6.687	83	38042	7.834	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	16787	4.848	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	4396	0.938	ug/L	84
44) trans-1,3-Dichloropropene	8.183	75	2997	0.681	ug/L #	67
46) Tetrachloroethene	8.552	164	2835	1.271	ug/L	88
49) Dibromochloromethane	8.552	129	2856	0.900	ug/L #	11
60) 1,2,3-Trichloropropane	11.816	75	16580	3.764	ug/L #	65

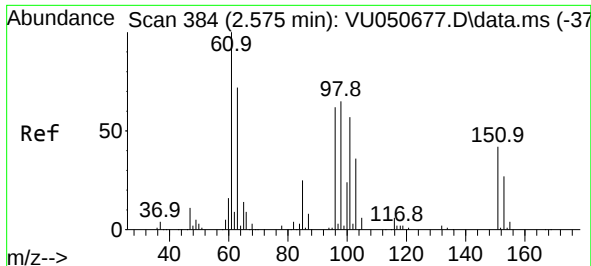
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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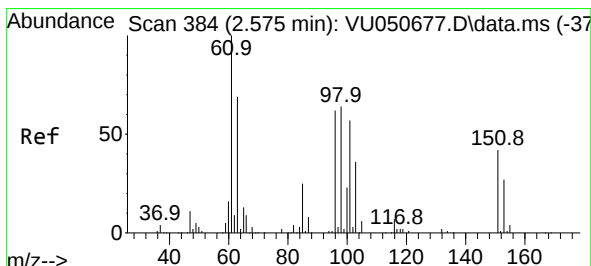
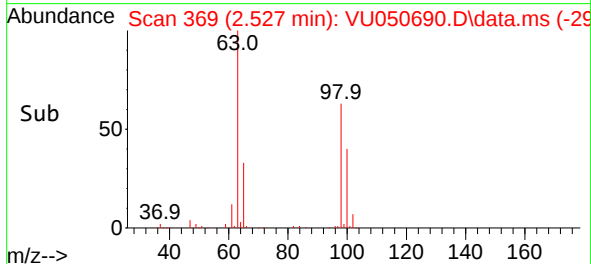
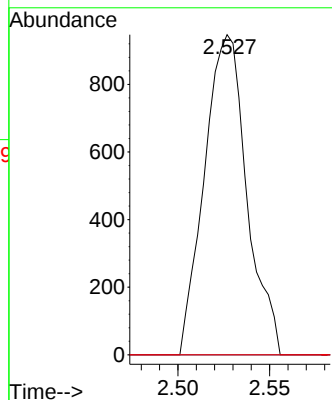
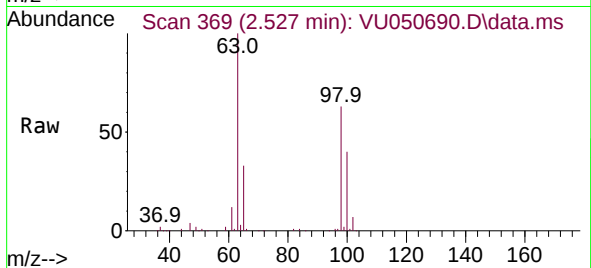




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.544 ug/L
 RT: 2.527 min Scan# 30
 Delta R.T. -0.048 min
 Lab File: VU050690.D
 Acq: 08 Sep 2022 17:15

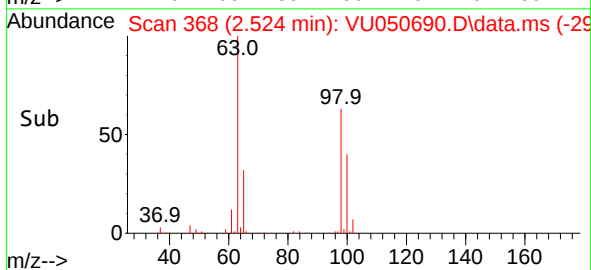
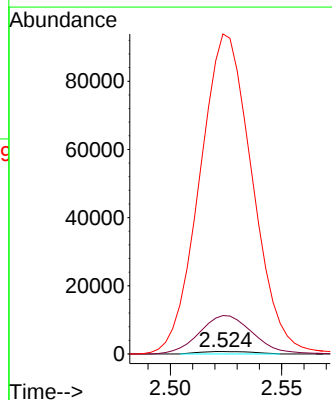
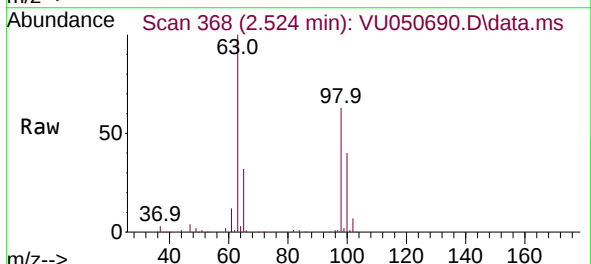
Instrument :
 MSVOA_U
 ClientSampleId :

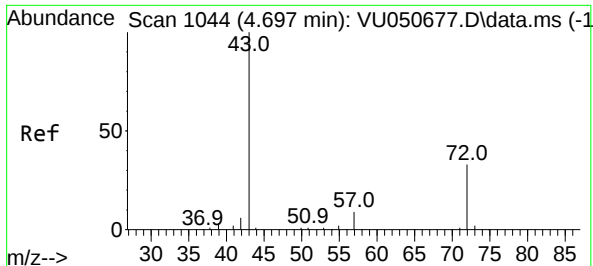
Tgt Ion:101 Resp: 1527
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.453 ug/L
 RT: 2.524 min Scan# 368
 Delta R.T. -0.051 min
 Lab File: VU050690.D
 Acq: 08 Sep 2022 17:15

Tgt Ion: 96 Resp: 1234
 Ion Ratio Lower Upper
 96 100
 61 1556.9 118.0 219.1#
 63 12965.7 79.5 147.7#





#22

2-Butanone

Concen: 8.688 ug/L

RT: 4.720 min Scan# 1051

Delta R.T. 0.023 min

Lab File: VU050690.D

Acq: 08 Sep 2022 17:15

Instrument :

MSVOA_U

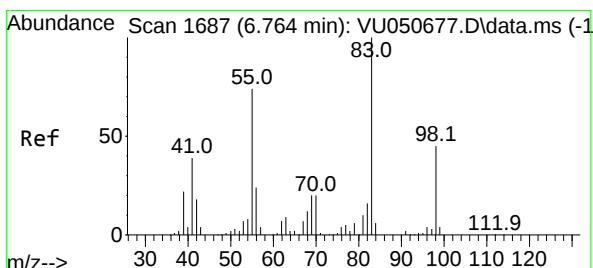
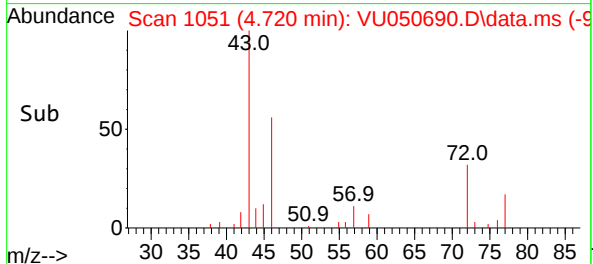
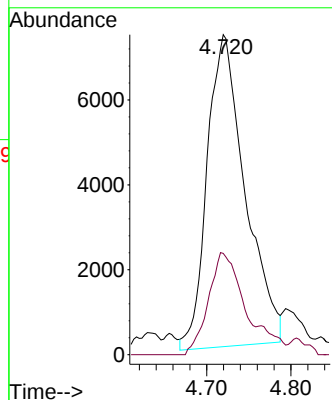
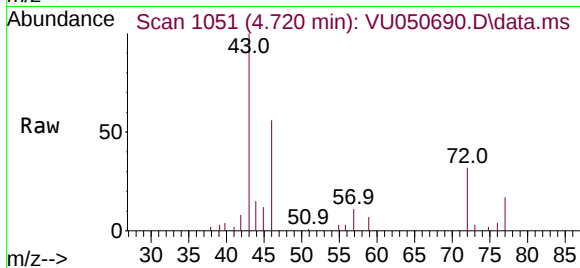
ClientSampleId :

Tgt Ion: 43 Resp: 23022

Ion Ratio Lower Upper

43 100

72 28.1 14.6 44.0



#35

Methylcyclohexane

Concen: 7.834 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.077 min

Lab File: VU050690.D

Acq: 08 Sep 2022 17:15

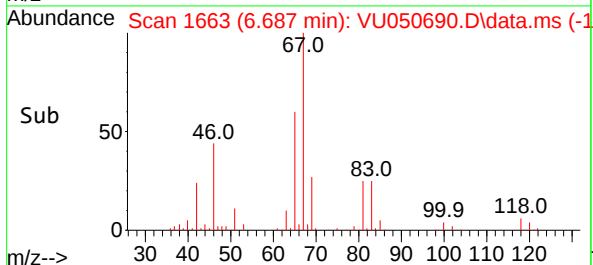
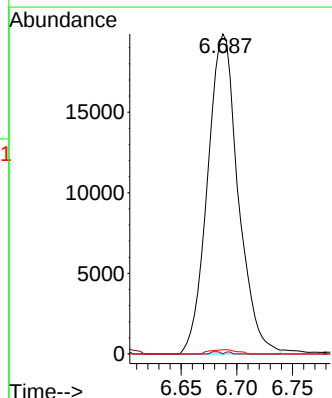
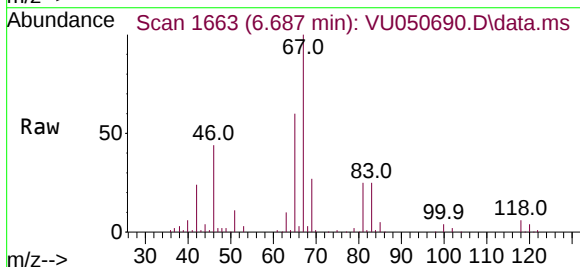
Tgt Ion: 83 Resp: 38042

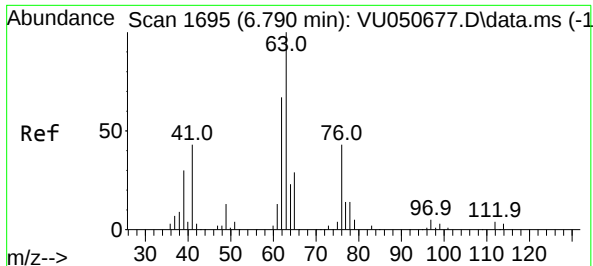
Ion Ratio Lower Upper

83 100

55 0.1 62.6 93.8#

98 1.2 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 4.848 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050690.D

Acq: 08 Sep 2022 17:15

Instrument :

MSVOA_U

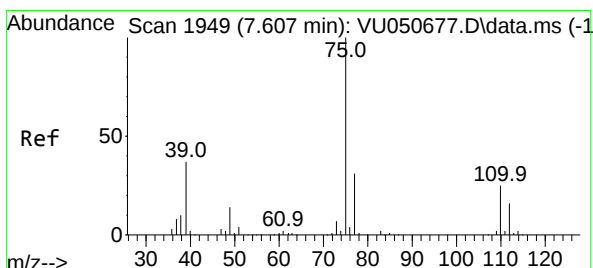
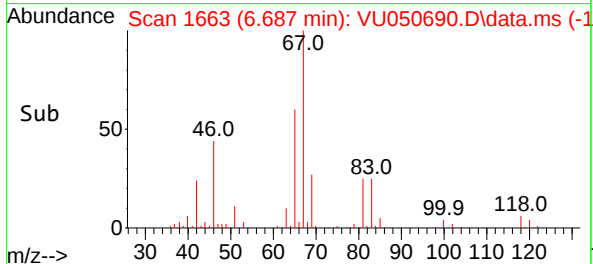
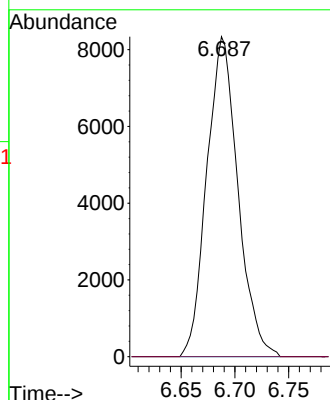
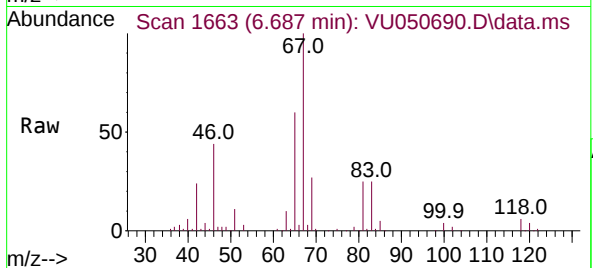
ClientSampleId :

Tgt Ion: 63 Resp: 16787

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.938 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU050690.D

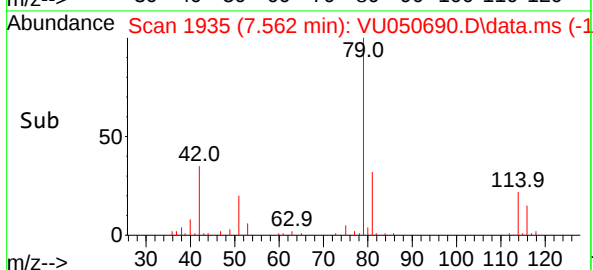
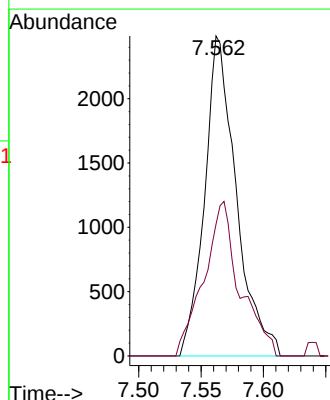
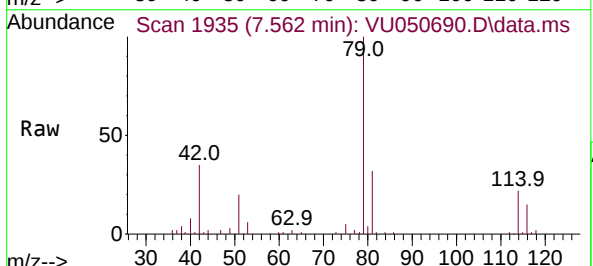
Acq: 08 Sep 2022 17:15

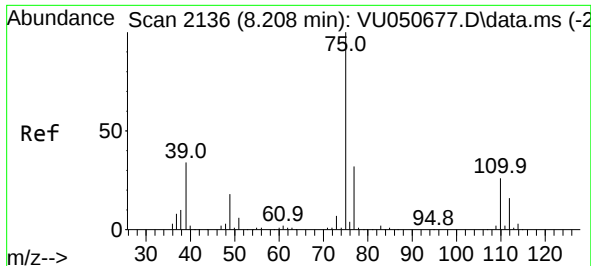
Tgt Ion: 75 Resp: 4396

Ion Ratio Lower Upper

75 100

77 41.2 22.5 41.7

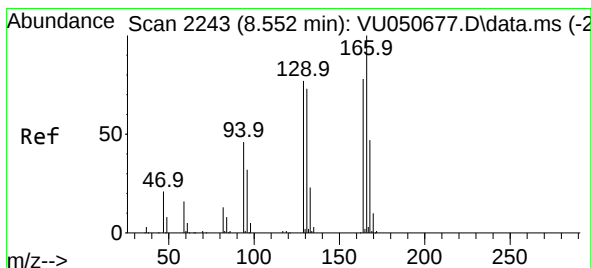
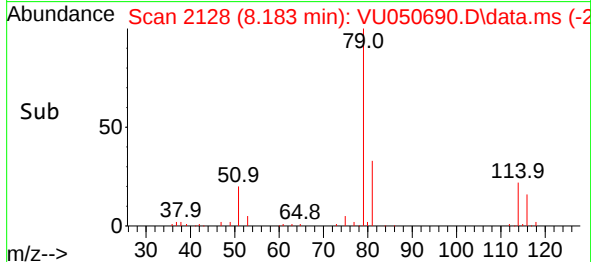
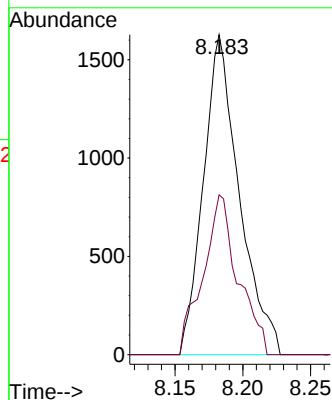
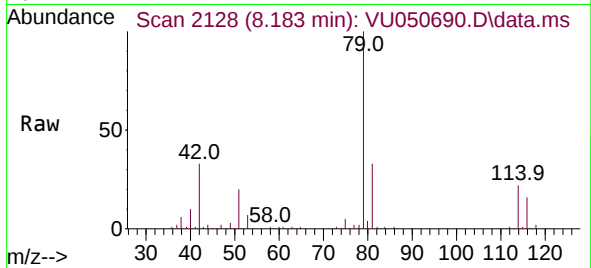




#44
trans-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 8.183 min Scan# 2136
Delta R.T. -0.025 min
Lab File: VU050690.D
Acq: 08 Sep 2022 17:15

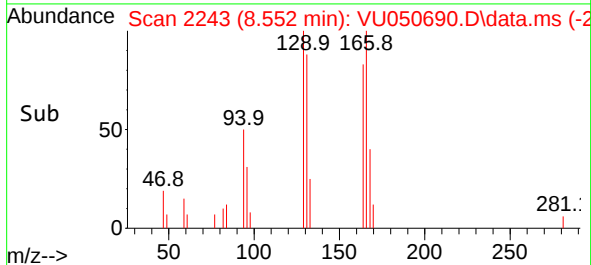
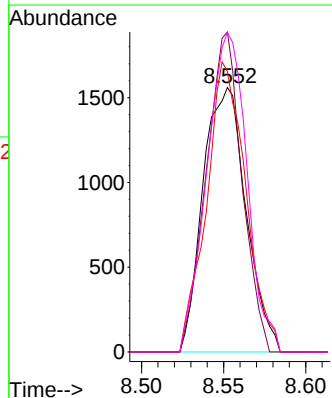
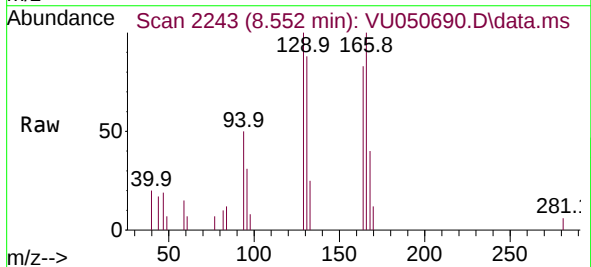
Instrument :
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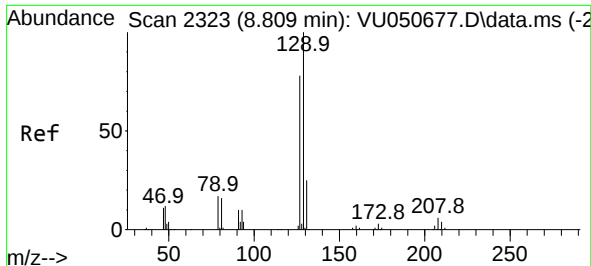
Tgt Ion: 75 Resp: 2997
Ion Ratio Lower Upper
75 100
77 49.9 22.1 41.1#



#46
Tetrachloroethene
Concen: 1.271 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050690.D
Acq: 08 Sep 2022 17:15

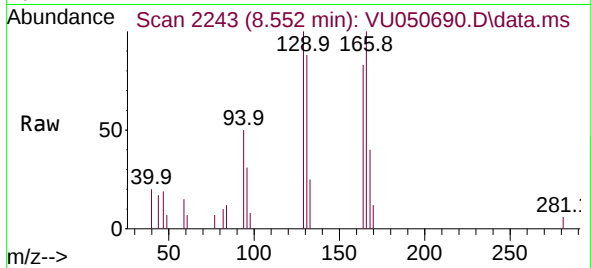
Tgt Ion:164 Resp: 2835
Ion Ratio Lower Upper
164 100
129 121.0 68.7 127.5
131 106.1 66.2 123.0
166 120.8 87.7 162.9



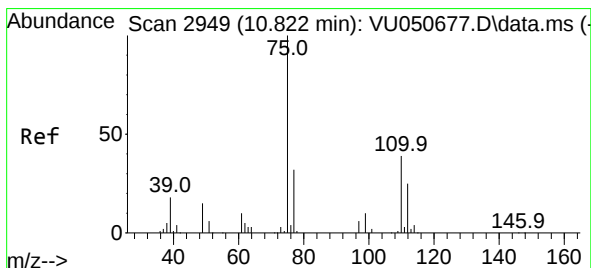
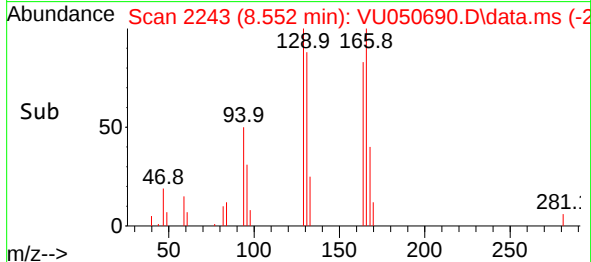
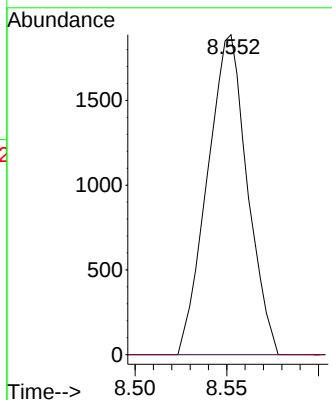


#49
 Dibromochloromethane
 Concen: 0.900 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU050690.D
 Acq: 08 Sep 2022 17:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 2856
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#



#60
 1,2,3-Trichloropropane
 Concen: 3.764 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.994 min
 Lab File: VU050690.D
 Acq: 08 Sep 2022 17:15

Tgt Ion: 75 Resp: 16580
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.8 38.8
 110 1.2 29.3 43.9#

