

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051695.D
 Acq On : 02 Nov 2022 16:53
 Operator : JC/MD
 Sample : N5321-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8DL

Quant Time: Nov 03 01:49:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

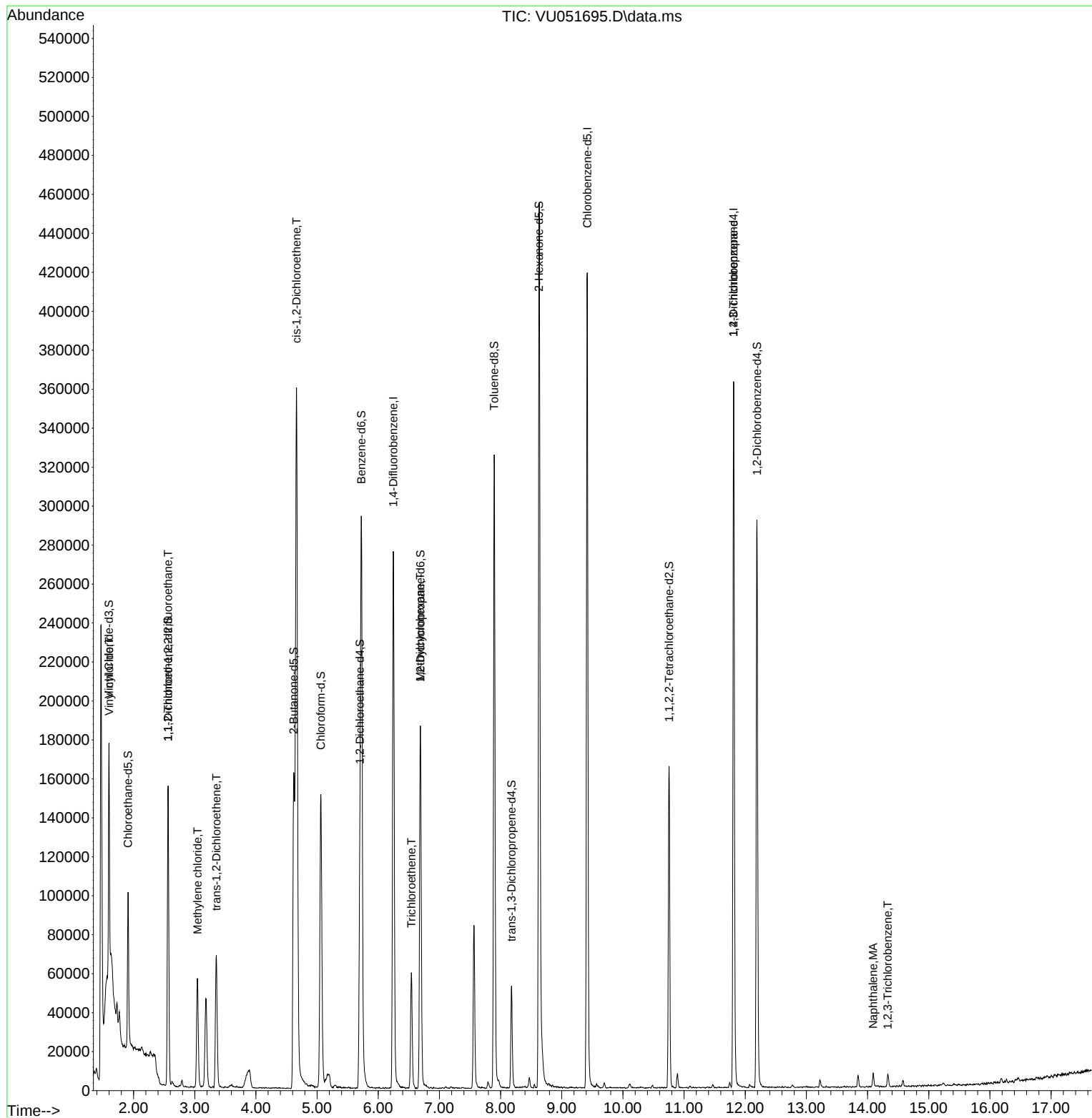
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	242922	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72664	4.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.909	69	63792	3.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.565	65	28462	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.616	46	195478	30.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.160%
24) Chloroform-d	5.060	84	142300	3.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.000%#
26) 1,2-Dichloroethane-d4	5.700	65	75203	3.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
32) Benzene-d6	5.726	84	282316	3.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.690	67	94846	3.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.800%
41) Toluene-d8	7.896	98	226212	3.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.179	79	29895	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.629	63	158645	32.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86803	3.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	82804	4.378	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	22011	0.711	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	946	0.047	ug/L #	26
16) Methylene chloride	3.044	84	28863	0.865	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	30010	1.373	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	187458	7.749	ug/L	99
34) Trichloroethene	6.542	95	21060	0.910	ug/L	93
35) Methylcyclohexane	6.687	83	21674	0.678	ug/L #	20
61) 1,2,3-Trichloropropane	11.809	75	12683	0.952	ug/L #	64
71) Naphthalene	14.092	128	6421	0.168	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	2632	0.127	ug/L #	88

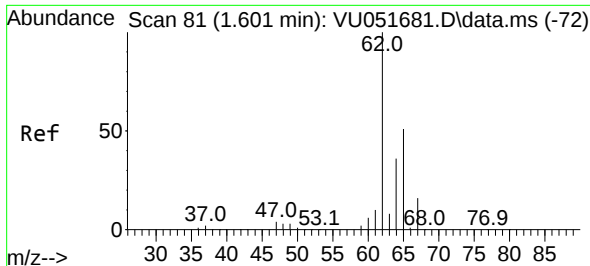
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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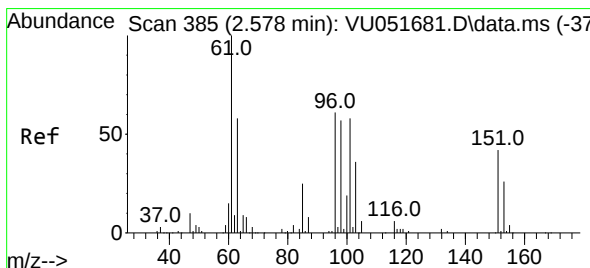
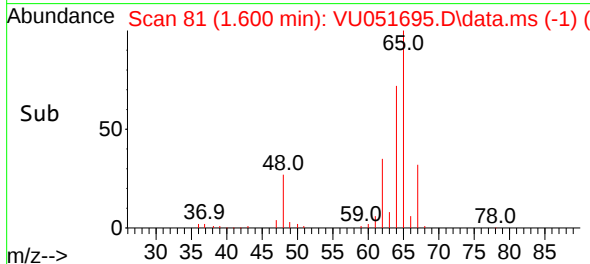
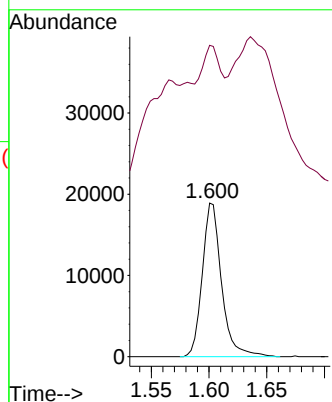
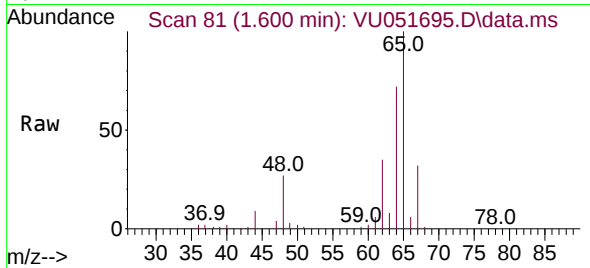




#5
 Vinyl chloride
 Concen: 0.711 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051695.D
 Acq: 02 Nov 2022 16:53

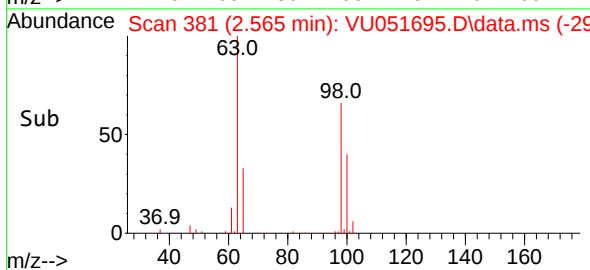
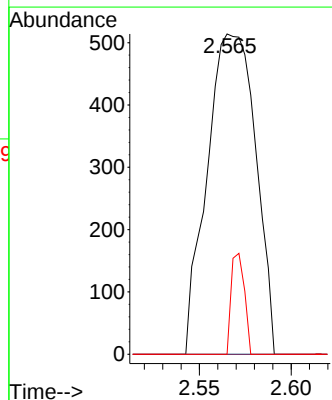
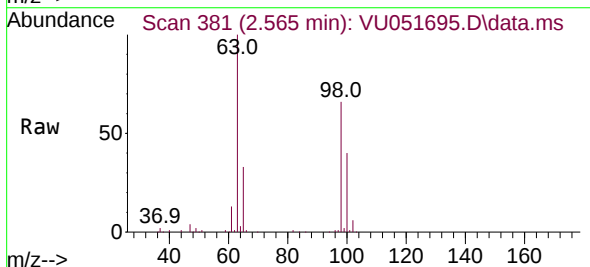
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8DL

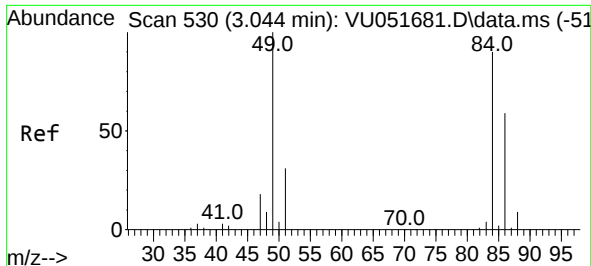
Tgt Ion: 62 Resp: 22011
 Ion Ratio Lower Upper
 62 100
 64 202.6 22.1 41.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.047 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051695.D
 Acq: 02 Nov 2022 16:53

Tgt Ion: 101 Resp: 946
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 8.5 59.6 89.4#

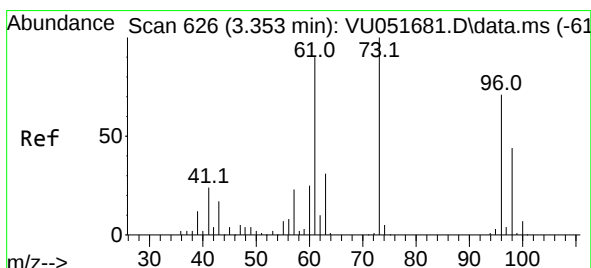
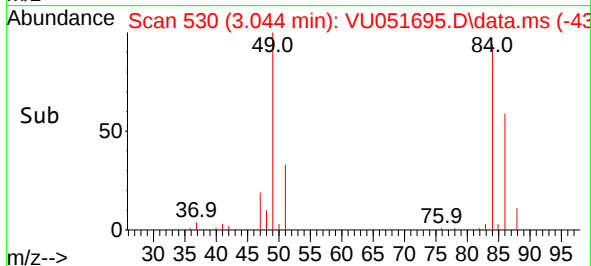
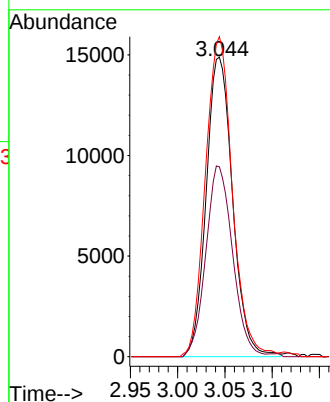
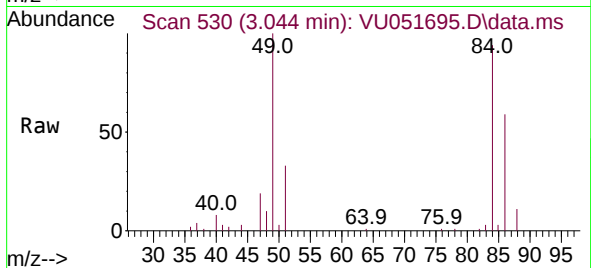




#16
Methylene chloride
Concen: 0.865 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051695.D
Acq: 02 Nov 2022 16:53

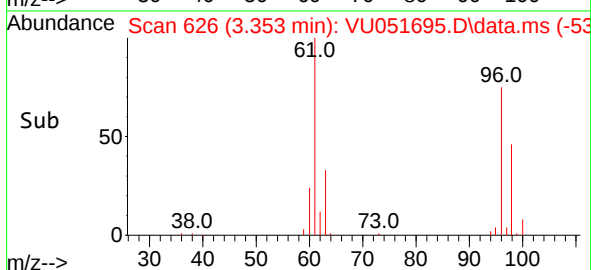
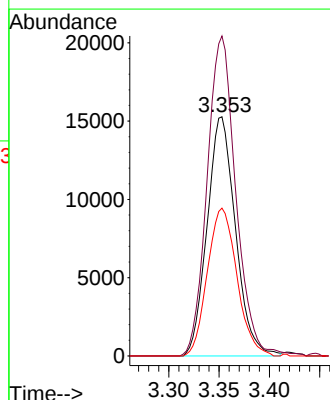
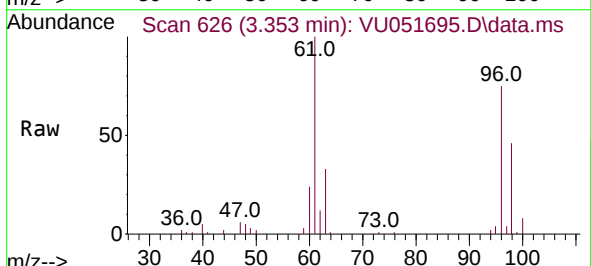
Instrument :
MSVOA_U
ClientSampleId :
DBWN8DL

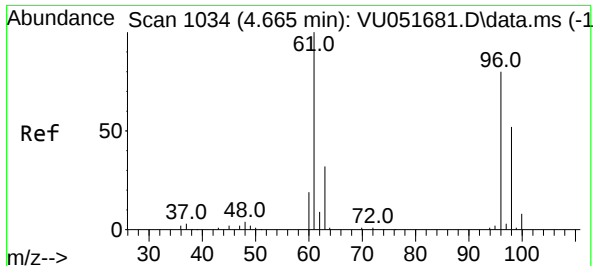
Tgt Ion: 84 Resp: 28863
Ion Ratio Lower Upper
84 100
86 63.4 46.3 85.9
49 106.8 76.0 141.2



#18
trans-1,2-Dichloroethene
Concen: 1.373 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051695.D
Acq: 02 Nov 2022 16:53

Tgt Ion: 96 Resp: 30010
Ion Ratio Lower Upper
96 100
61 133.8 94.7 175.9
98 61.8 44.2 82.0





#22

cis-1,2-Dichloroethene

Concen: 7.749 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051695.D

Acq: 02 Nov 2022 16:53

Instrument :

MSVOA_U

ClientSampleId :

DBWN8DL

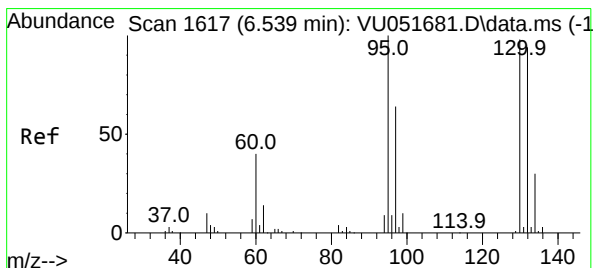
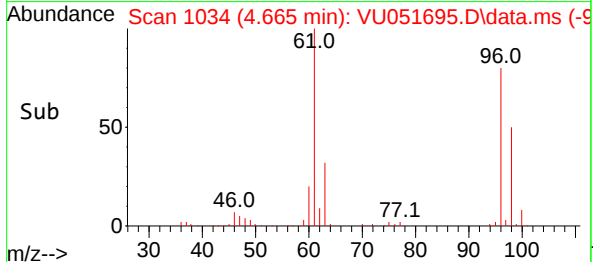
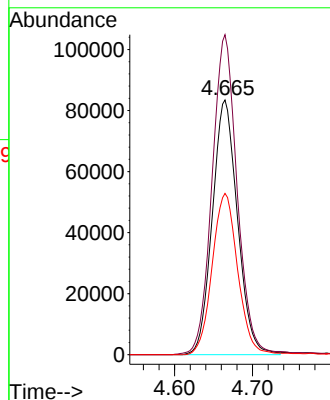
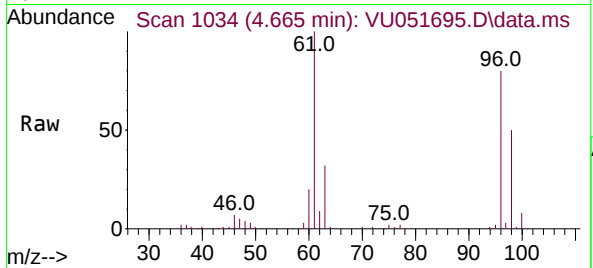
Tgt Ion: 96 Resp: 187458

Ion Ratio Lower Upper

96 100

61 125.6 86.4 160.4

98 63.3 44.2 82.2



#34

Trichloroethene

Concen: 0.910 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU051695.D

Acq: 02 Nov 2022 16:53

Tgt Ion: 95 Resp: 21060

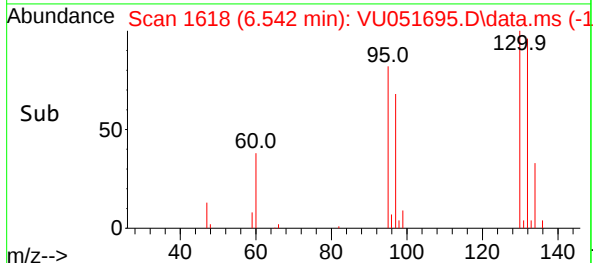
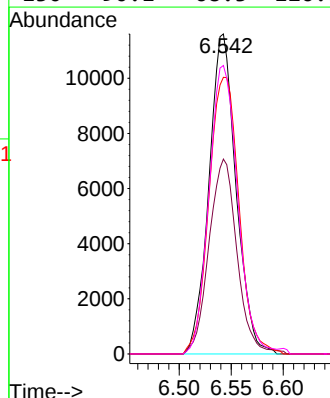
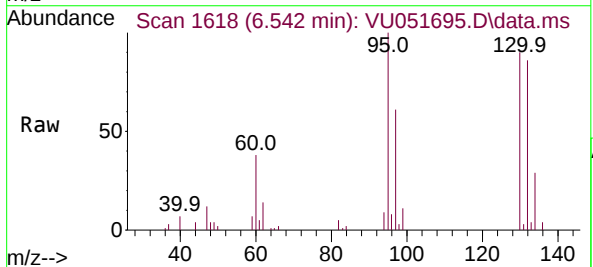
Ion Ratio Lower Upper

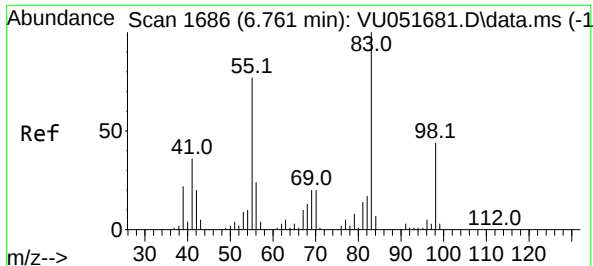
95 100

97 60.9 45.2 84.0

132 86.5 66.5 123.5

130 90.1 68.3 126.8

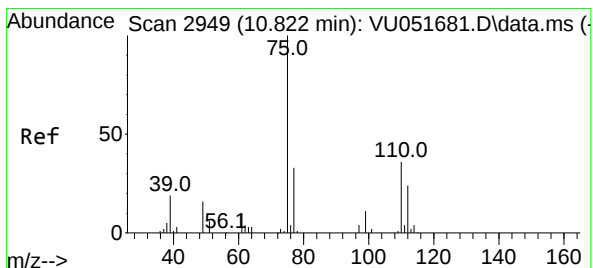
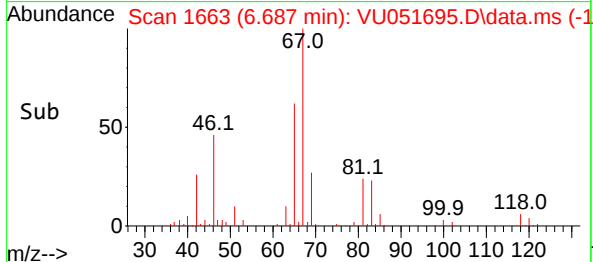
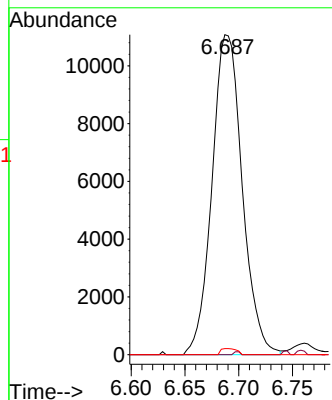
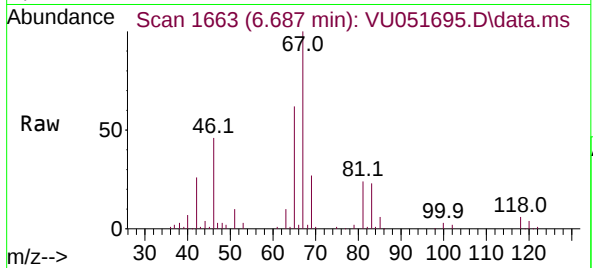




#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU051695.D
Acq: 02 Nov 2022 16:53

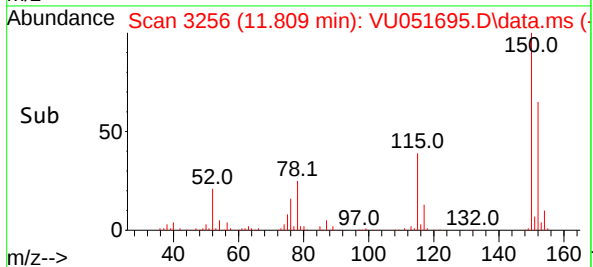
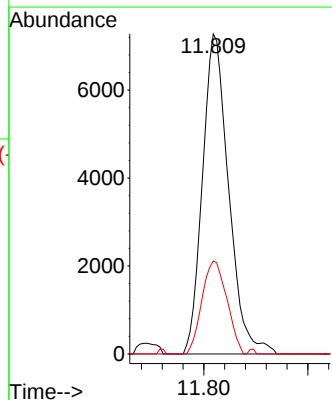
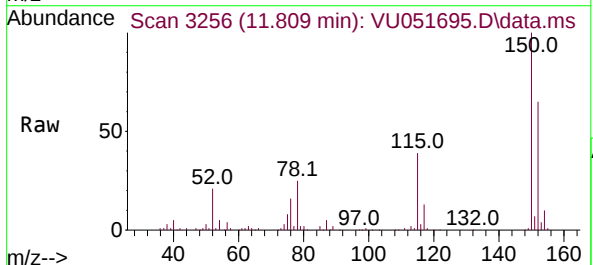
Instrument :
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ClientSampleId :
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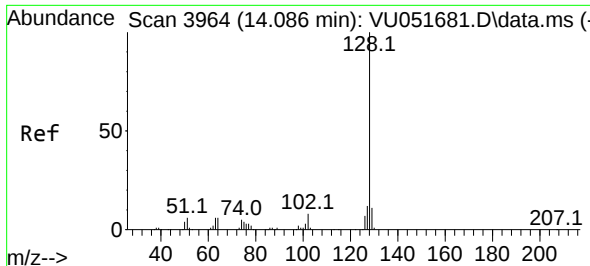
Tgt Ion: 83 Resp: 21674
Ion Ratio Lower Upper
83 100
55 0.2 60.6 90.8#
98 1.0 35.8 53.6#



#61
1,2,3-Trichloropropane
Concen: 0.952 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051695.D
Acq: 02 Nov 2022 16:53

Tgt Ion: 75 Resp: 12683
Ion Ratio Lower Upper
75 100
110 0.0 28.7 43.1#
77 27.6 26.1 39.1

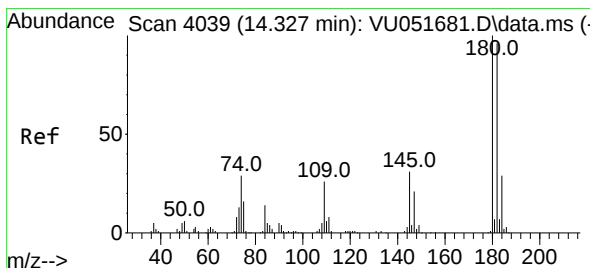
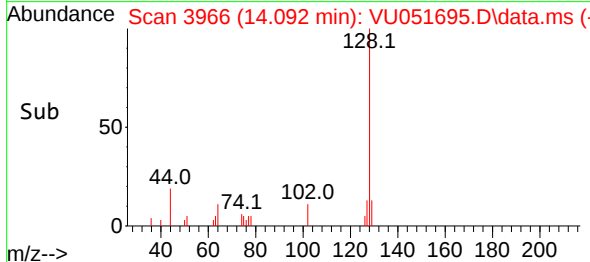
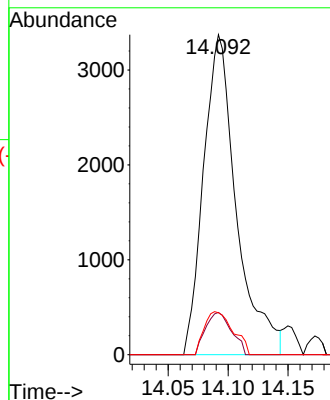
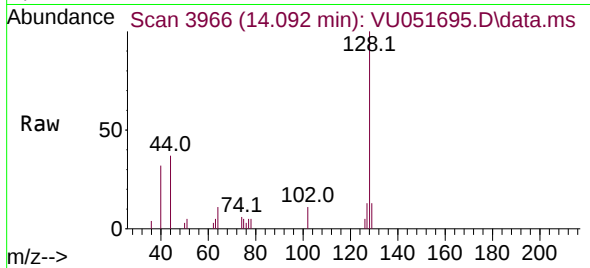




#71
Naphthalene
Concen: 0.168 ug/L
RT: 14.092 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU051695.D
Acq: 02 Nov 2022 16:53

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MSVOA_U
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Tgt Ion:128	Resp:	6421
Ion Ratio	Lower	Upper
128	100	
129	10.4	8.4 12.6
127	11.8	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.127 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051695.D
Acq: 02 Nov 2022 16:53

Tgt Ion:180	Resp:	2632
Ion Ratio	Lower	Upper
180	100	
182	89.8	76.1 114.1
145	13.6	25.6 38.4

