

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053691.D
 Acq On : 13 Apr 2023 18:56
 Operator : JC/MD
 Sample : 02299-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE9

Quant Time: Apr 14 02:26:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

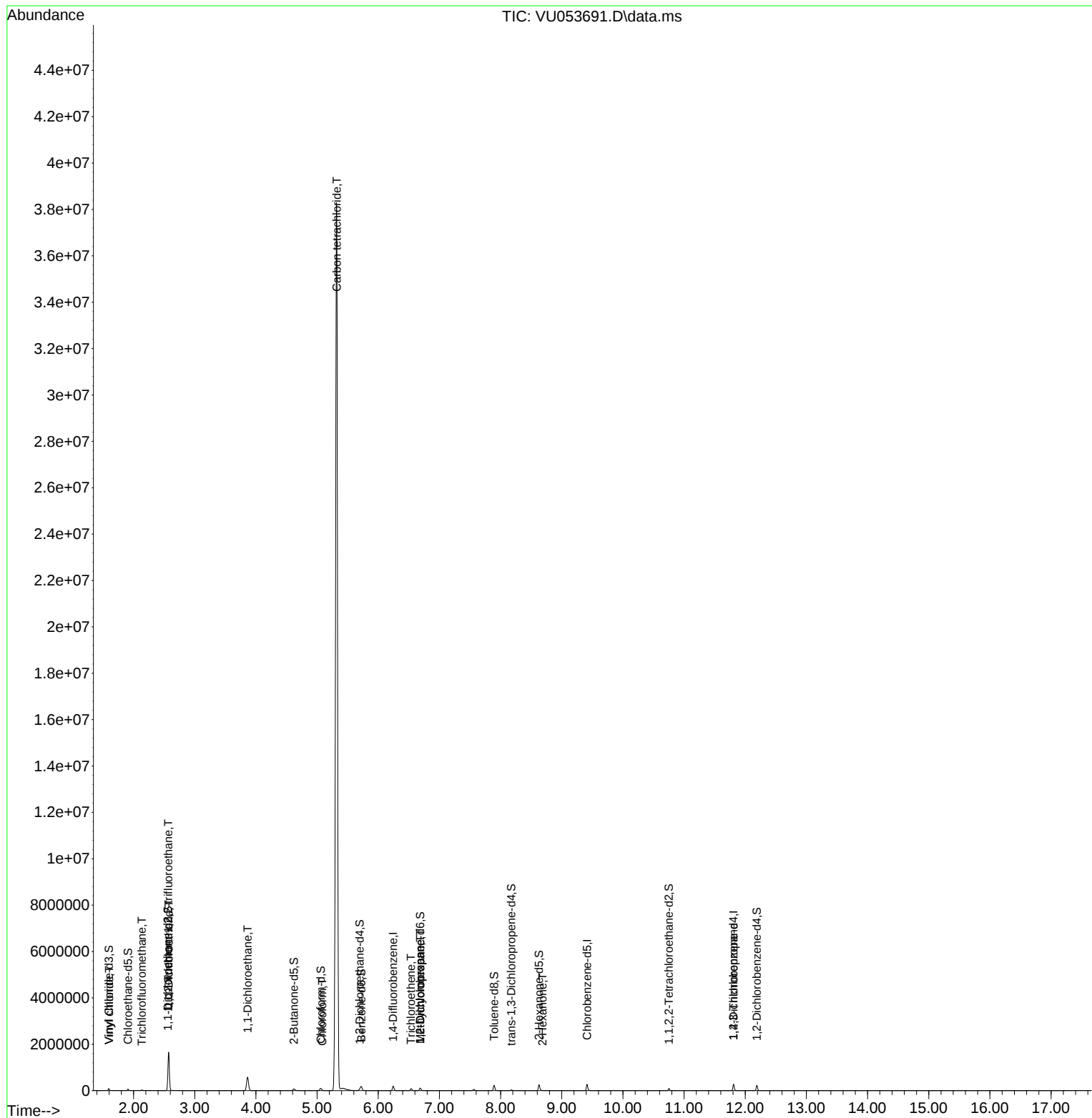
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	159666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75180	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	62567	5.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.000%
7) Chloroethane-d5	1.909	69	48306	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.559	65	21421	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.620	46	104280	41.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.880%
24) Chloroform-d	5.060	84	88905	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.697	65	43842	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.723	84	174573	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.687	67	54727	4.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.893	98	158867	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.176	79	19811	3.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.629	63	90658	43.946	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	46215	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	59999	4.436	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	2031	0.156	ug/L #	1
9) Trichlorofluoromethane	2.134	101	15441	0.787	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2118	0.213	ug/L #	28
12) 1,1-Dichloroethene	2.575	96	562076	62.177	ug/L #	66
19) 1,1-Dichloroethane	3.864	63	654158	37.817	ug/L	98
25) Chloroform	5.086	83	10469	0.588	ug/L	91
31) Carbon tetrachloride	5.321	117	3811773	297.729	ug/L	99
34) Trichloroethene	6.536	95	28906	2.643	ug/L	95
35) Methylcyclohexane	6.687	83	12593	0.671	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	5651	0.521	ug/L #	89
48) 2-Hexanone	8.687	43	3398	0.866	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9078	1.457	ug/L #	64

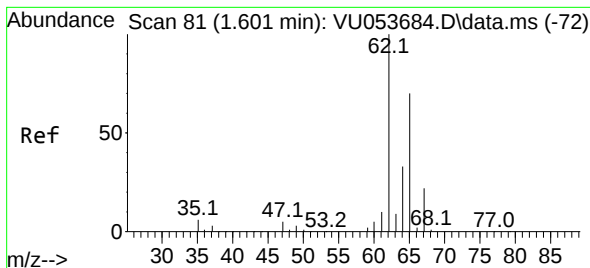
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.156 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053691.D

Acq: 13 Apr 2023 18:56

Instrument :

MSVOA_U

ClientSampleId :

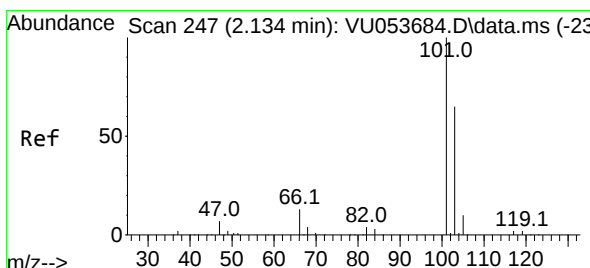
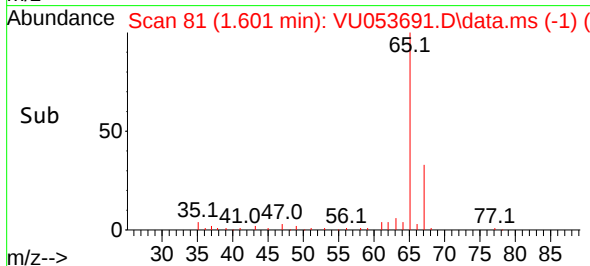
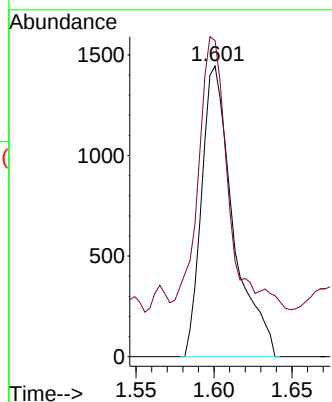
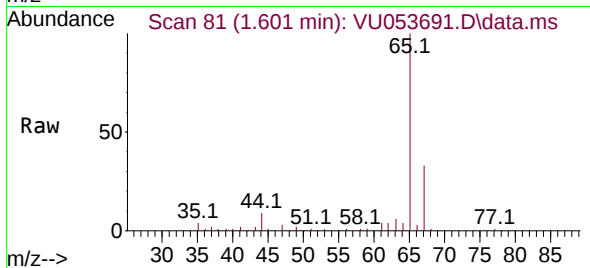
C0AE9

Tgt Ion: 62 Resp: 2031

Ion Ratio Lower Upper

62 100

64 108.8 24.1 44.7#



#9

Trichlorofluoromethane

Concen: 0.787 ug/L

RT: 2.134 min Scan# 247

Delta R.T. 0.000 min

Lab File: VU053691.D

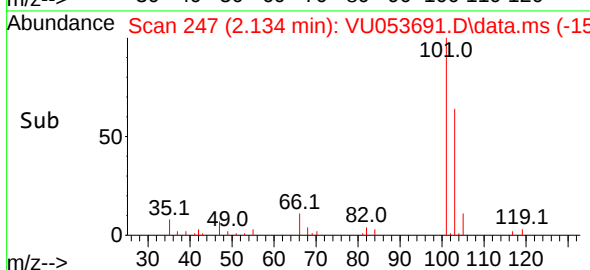
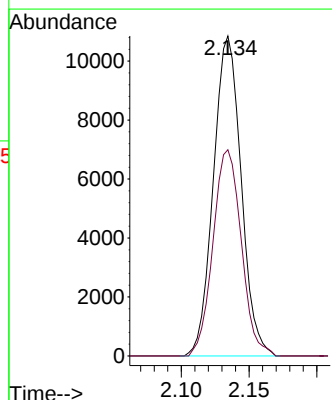
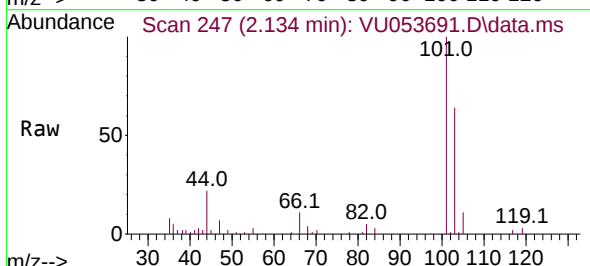
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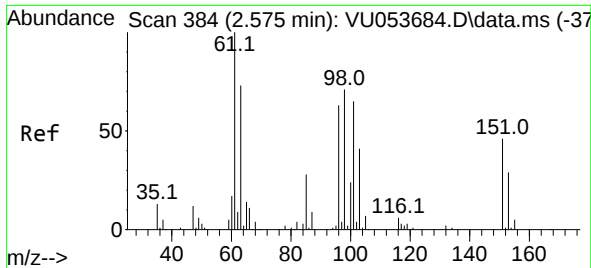
Tgt Ion: 101 Resp: 15441

Ion Ratio Lower Upper

101 100

103 65.7 50.2 75.2

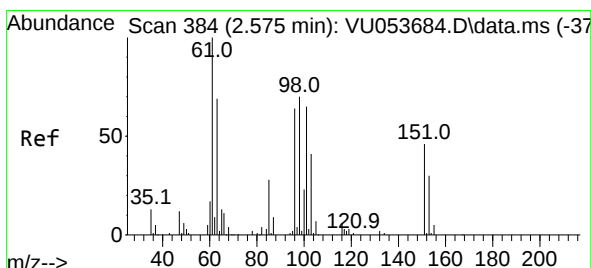
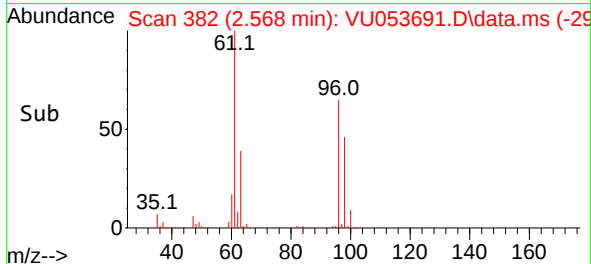
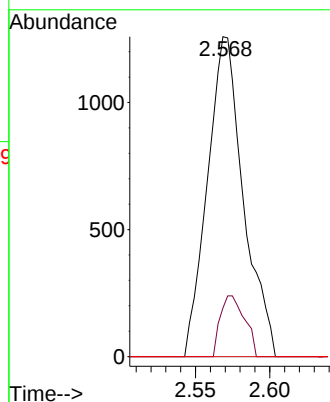
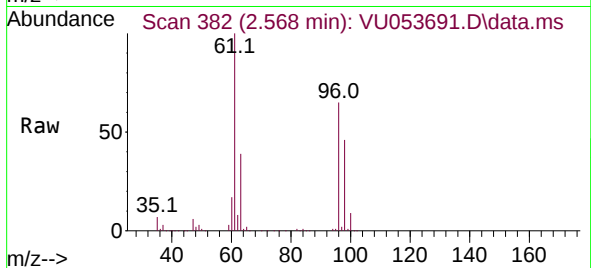




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.213 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.006 min
 Lab File: VU053691.D
 Acq: 13 Apr 2023 18:56

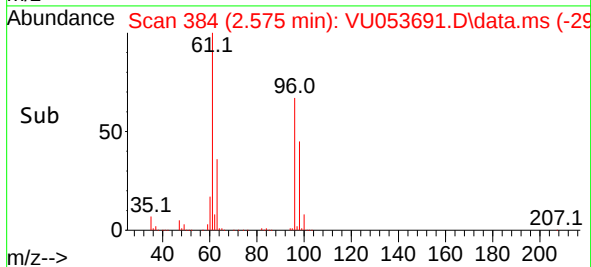
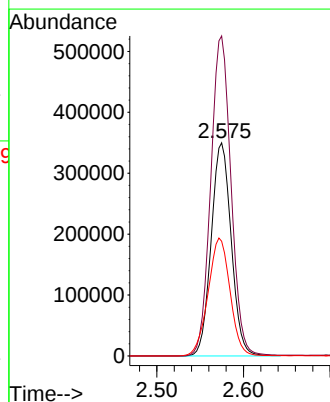
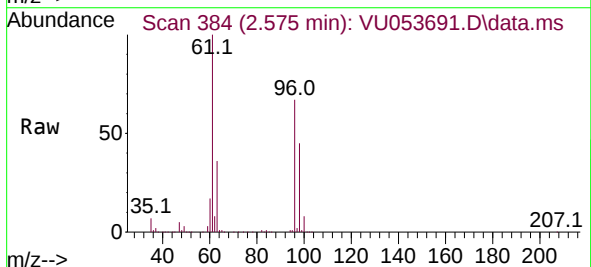
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE9

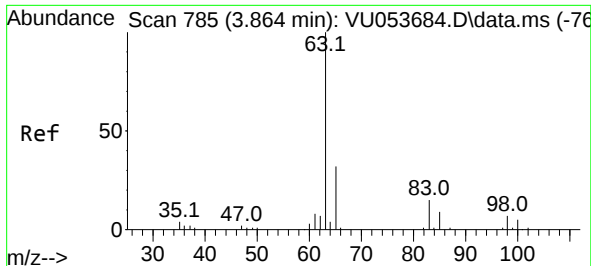
Tgt Ion:101 Resp: 2118
 Ion Ratio Lower Upper
 101 100
 85 12.8 37.0 55.4#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 62.177 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU053691.D
 Acq: 13 Apr 2023 18:56

Tgt Ion: 96 Resp: 562076
 Ion Ratio Lower Upper
 96 100
 61 150.2 116.8 216.8
 63 53.9 88.6 164.6#

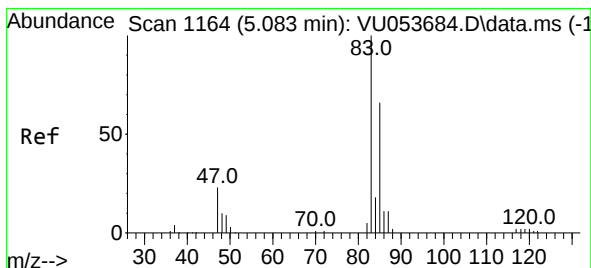
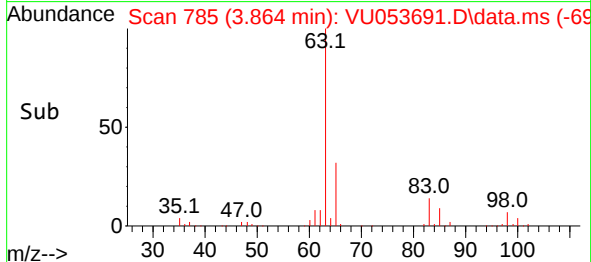
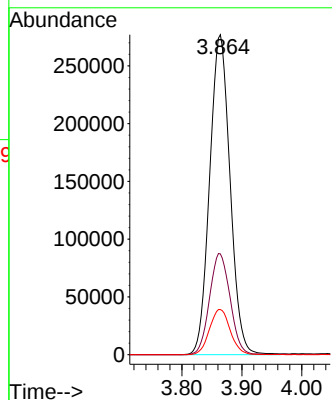
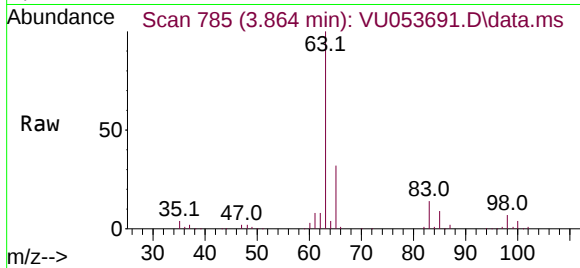




#19
1,1-Dichloroethane
Concen: 37.817 ug/L
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

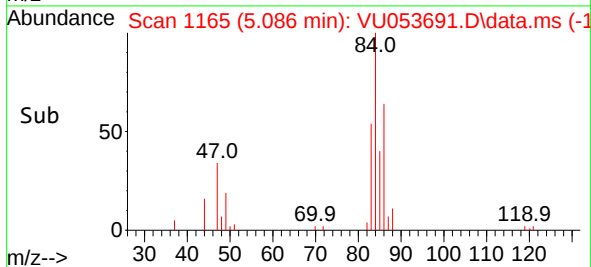
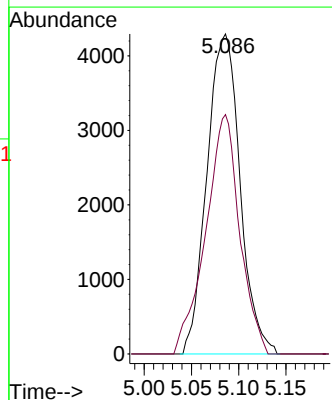
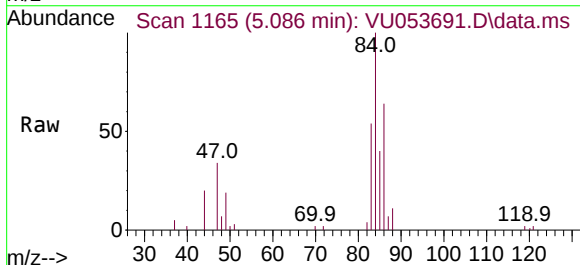
Instrument :
MSVOA_U
ClientSampleId :
C0AE9

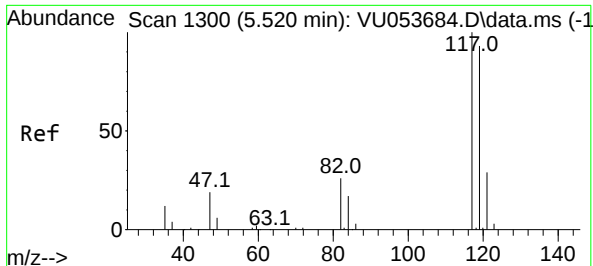
Tgt Ion: 63 Resp: 654158
Ion Ratio Lower Upper
63 100
65 31.5 21.7 40.3
83 14.1 8.1 15.1



#25
Chloroform
Concen: 0.588 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

Tgt Ion: 83 Resp: 10469
Ion Ratio Lower Upper
83 100
85 74.8 47.3 87.9

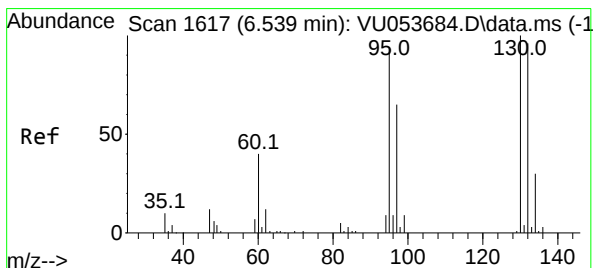
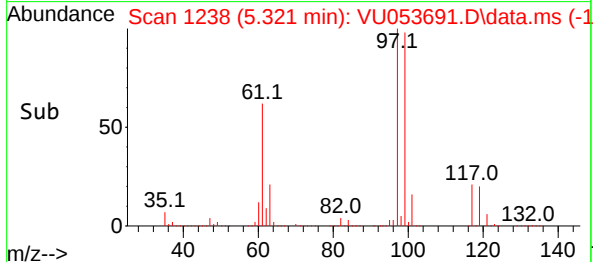
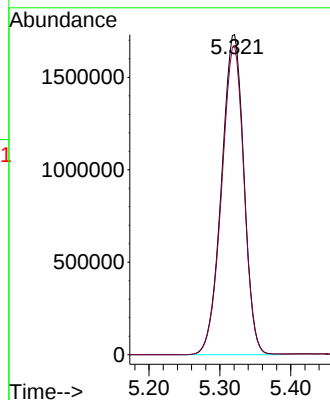
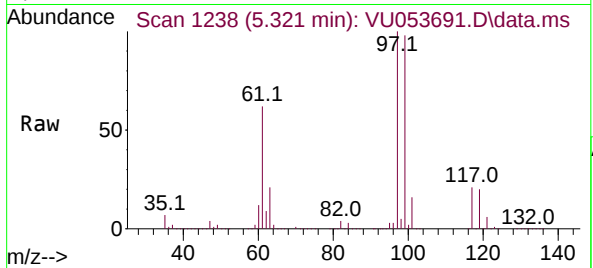




#31
Carbon tetrachloride
Concen: 297.729 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.199 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

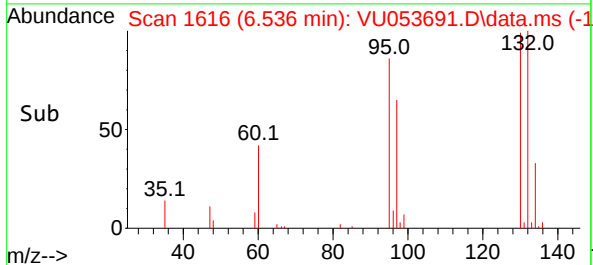
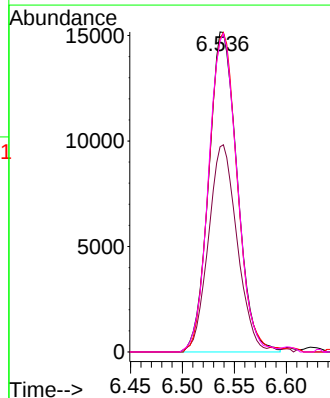
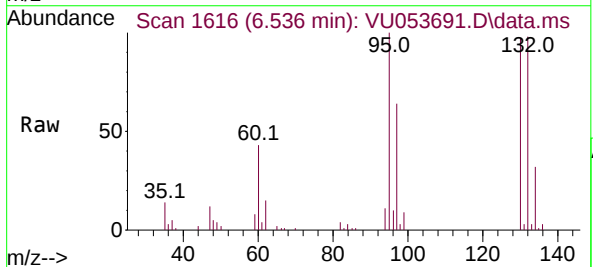
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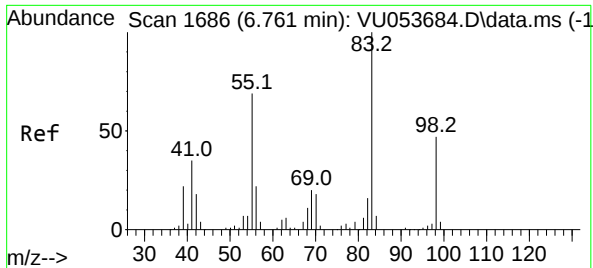
Tgt Ion:117 Resp: 3811773
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#34
Trichloroethene
Concen: 2.643 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

Tgt Ion: 95 Resp: 28906
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 97.9 62.8 116.6
130 97.1 65.1 120.9

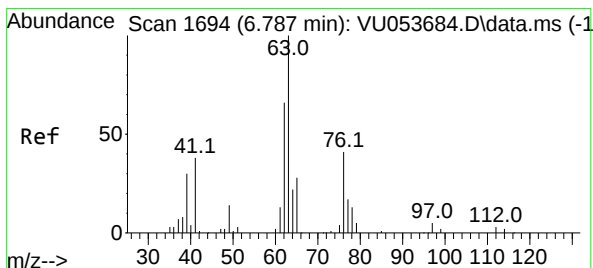
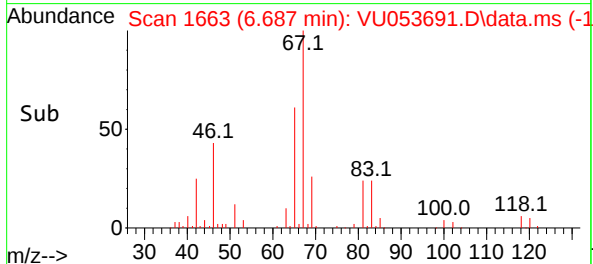
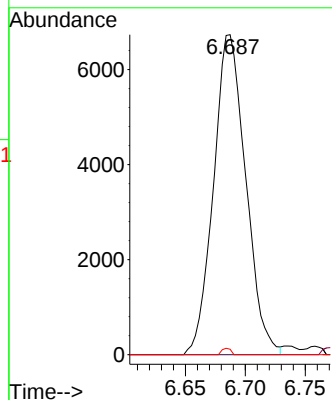
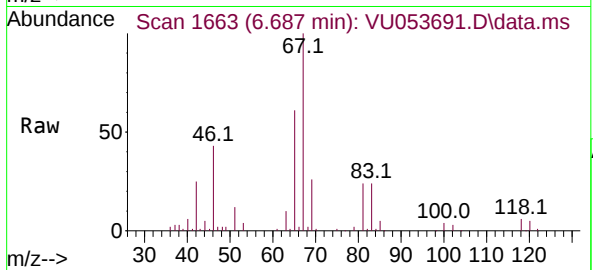




#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

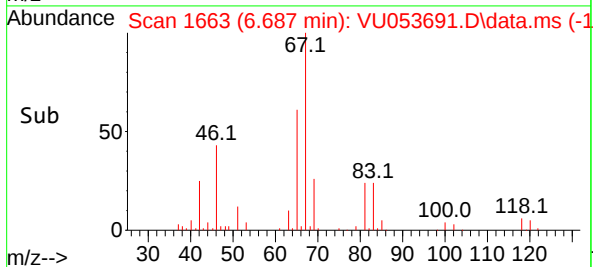
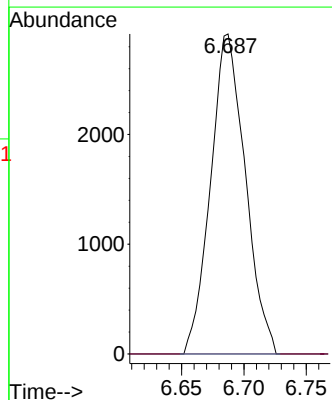
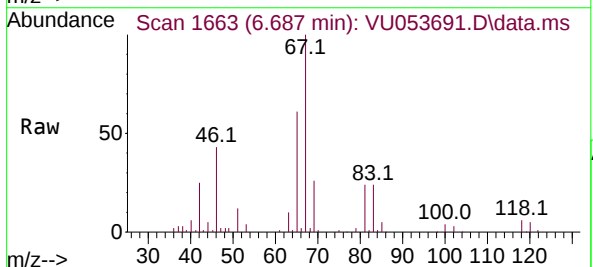
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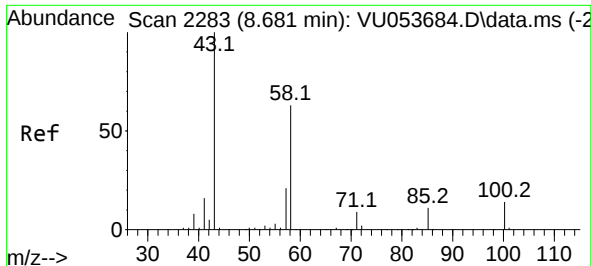
Tgt Ion: 83 Resp: 12593
Ion Ratio Lower Upper
83 100
55 0.8 54.9 82.3#
98 0.5 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

Tgt Ion: 63 Resp: 5651
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

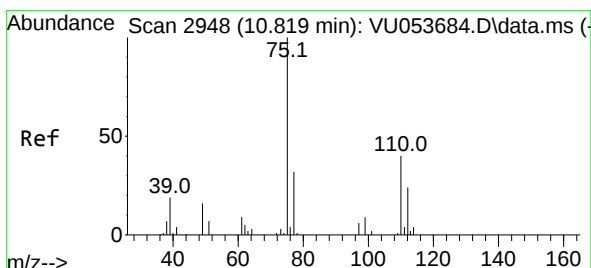
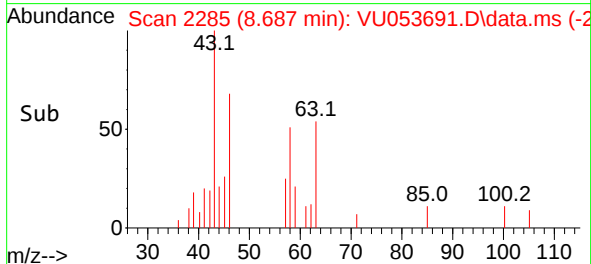
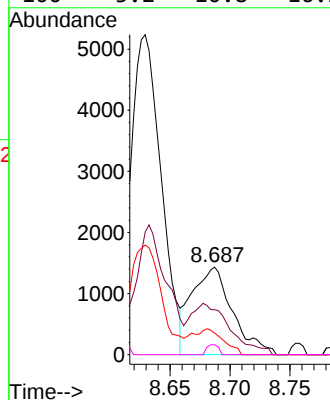
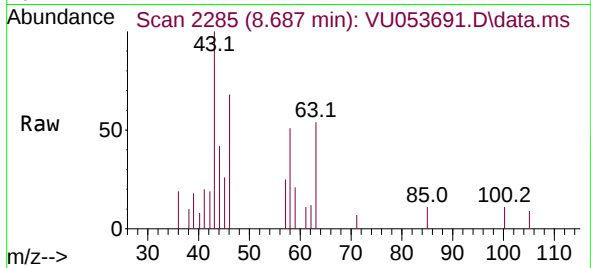




#48
2-Hexanone
Concen: 0.866 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

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MSVOA_U
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Tgt Ion: 43 Resp: 3398
Ion Ratio Lower Upper
43 100
58 56.4 52.8 79.2
57 22.8 17.1 25.7
100 3.2 10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.457 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053691.D
Acq: 13 Apr 2023 18:56

Tgt Ion: 75 Resp: 9078
Ion Ratio Lower Upper
75 100
110 1.5 30.6 46.0#
77 36.2 26.1 39.1

