

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053690.D
 Acq On : 13 Apr 2023 18:31
 Operator : JC/MD
 Sample : 02299-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAE8

Quant Time: Apr 14 02:25:45 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)

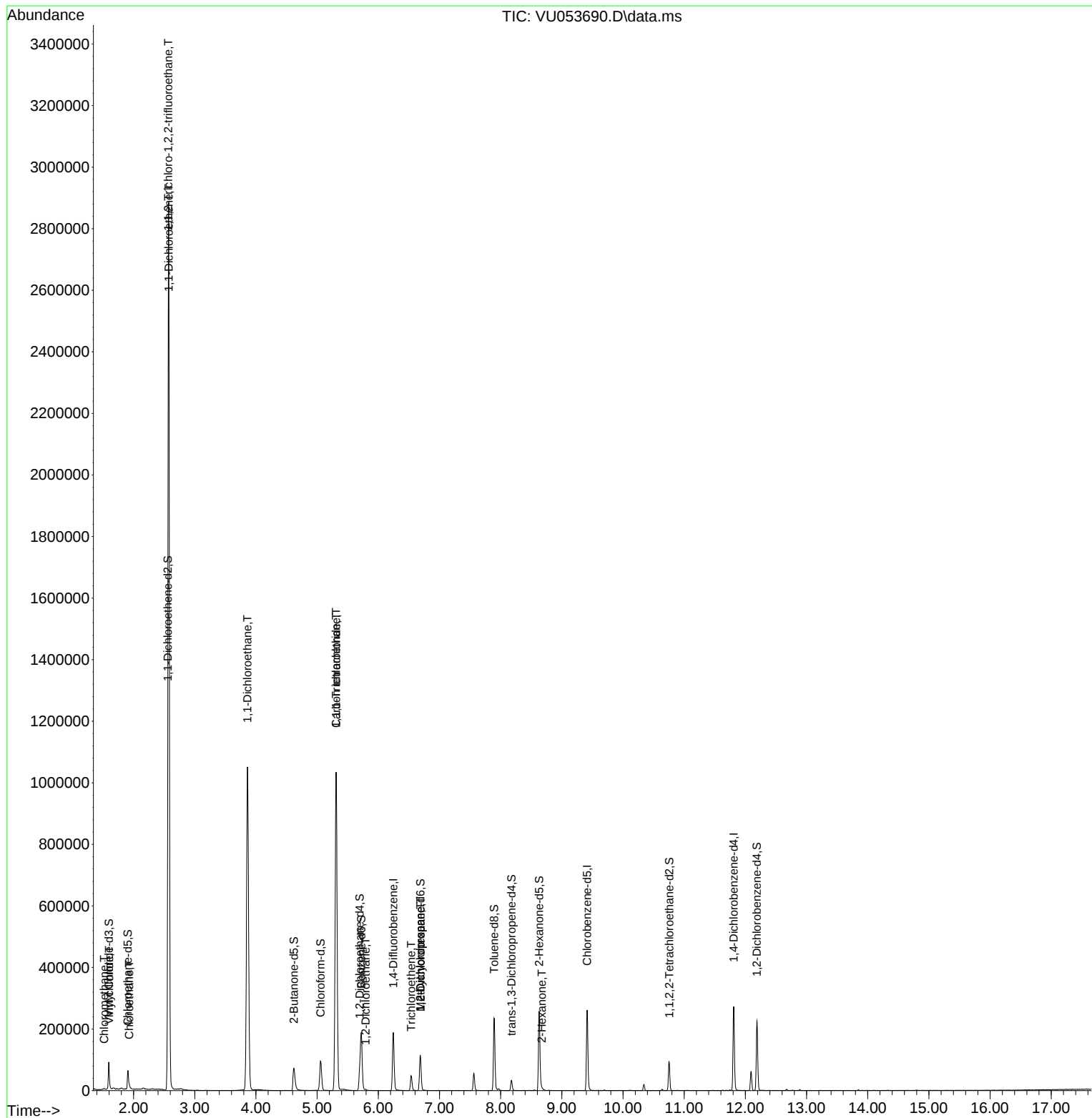
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	158815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	151427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	64912	5.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.800%
7) Chloroethane-d5	1.906	69	49461	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.559	65	22201	4.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.620	46	106070	42.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.760%
24) Chloroform-d	5.057	84	90117	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.697	65	45979	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.723	84	182209	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.687	67	57021	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.893	98	162647	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.176	79	20731	4.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.629	63	92074	45.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	46432	4.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	61971	4.713	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1573	0.137	ug/L	94
5) Vinyl chloride	1.601	62	5082	0.393	ug/L #	75
8) Chloroethane	1.929	64	4832	0.643	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2812	0.284	ug/L #	38
12) 1,1-Dichloroethene	2.575	96	988662	109.952	ug/L #	65
19) 1,1-Dichloroethane	3.861	63	1172163	68.127	ug/L	97
27) 1,2-Dichloroethane	5.793	62	1723	0.155	ug/L #	77
29) 1,1,1-Trichloroethane	5.311	97	751802	50.289	ug/L	96
31) Carbon tetrachloride	5.311	117	100208	7.922	ug/L	100
34) Trichloroethene	6.536	95	16644	1.540	ug/L	96
35) Methylcyclohexane	6.687	83	13733	0.741	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	6128	0.572	ug/L #	89
48) 2-Hexanone	8.674	43	2668	0.688	ug/L #	63

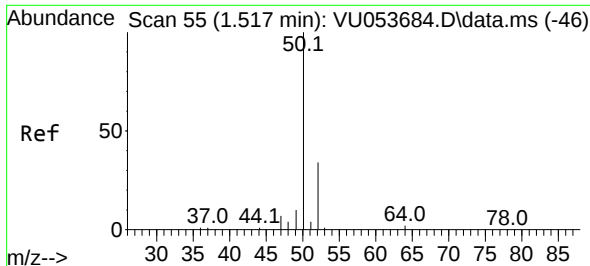
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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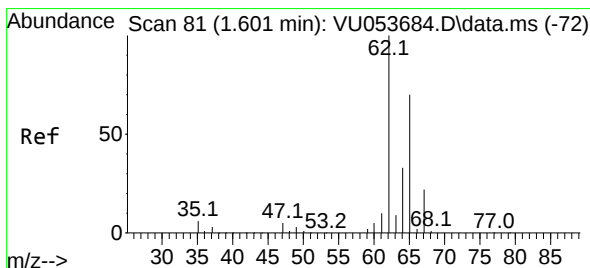
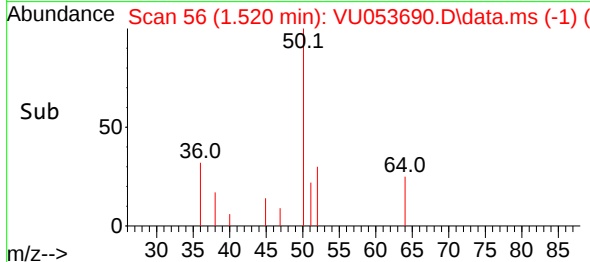
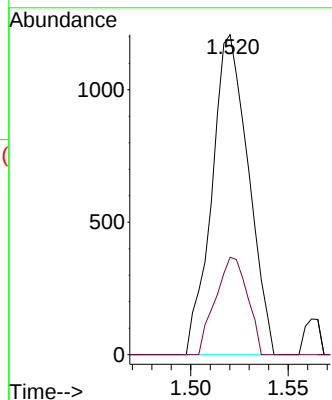
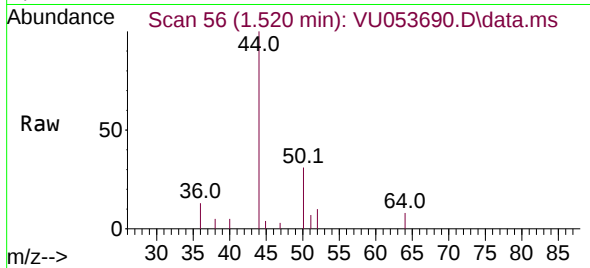




#3
Chloromethane
Concen: 0.137 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

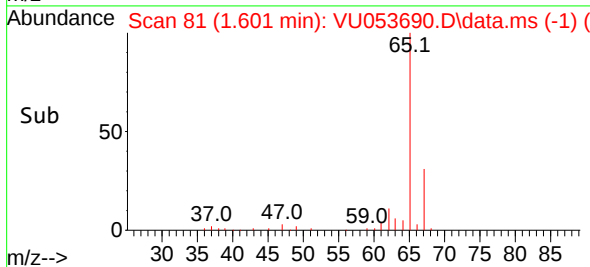
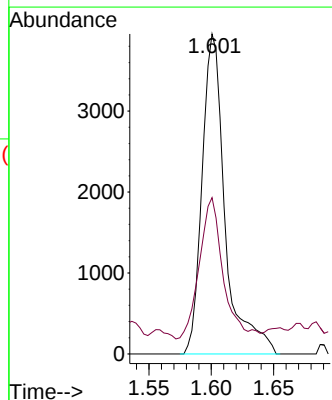
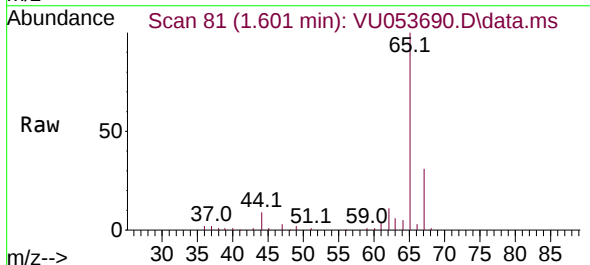
Instrument :
MSVOA_U
ClientSampleId :
C0AE8

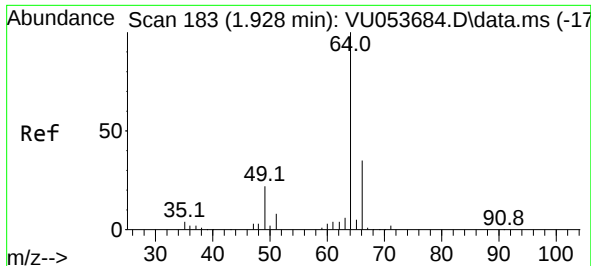
Tgt Ion: 50 Resp: 1573
Ion Ratio Lower Upper
50 100
52 30.5 23.9 44.3



#5
Vinyl chloride
Concen: 0.393 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

Tgt Ion: 62 Resp: 5082
Ion Ratio Lower Upper
62 100
64 48.8 24.1 44.7#





#8

Chloroethane

Concen: 0.643 ug/L

RT: 1.929 min Scan# 183

Delta R.T. 0.000 min

Lab File: VU053690.D

Acq: 13 Apr 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

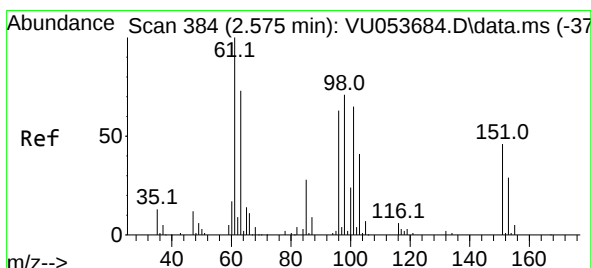
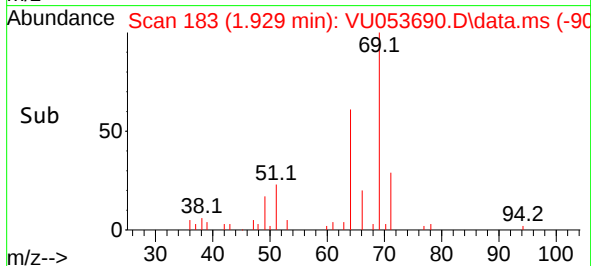
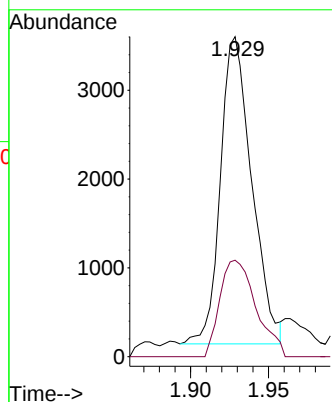
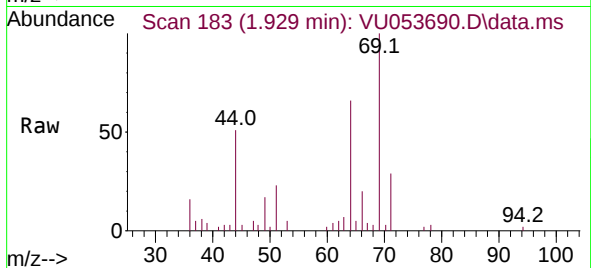
C0AE8

Tgt Ion: 64 Resp: 4832

Ion Ratio Lower Upper

64 100

66 30.1 22.3 41.5



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.284 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU053690.D

Acq: 13 Apr 2023 18:31

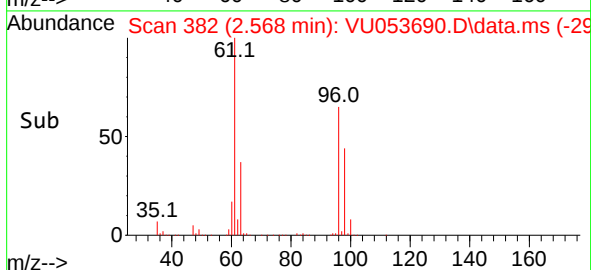
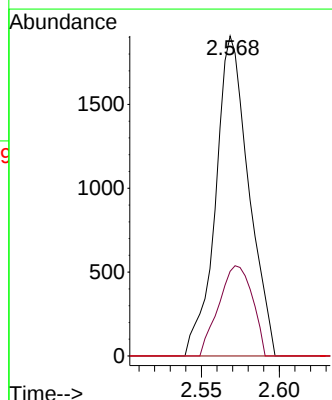
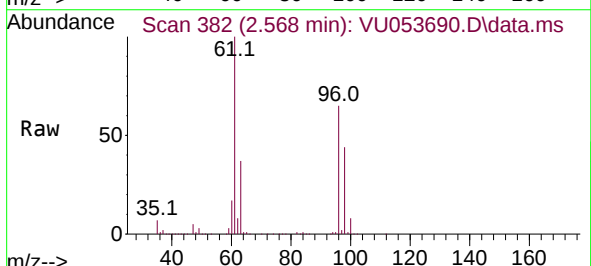
Tgt Ion: 101 Resp: 2812

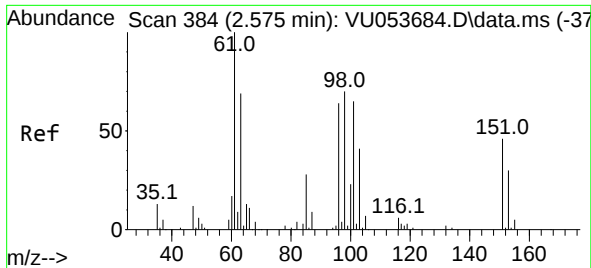
Ion Ratio Lower Upper

101 100

85 28.6 37.0 55.4#

151 0.0 56.8 85.2#

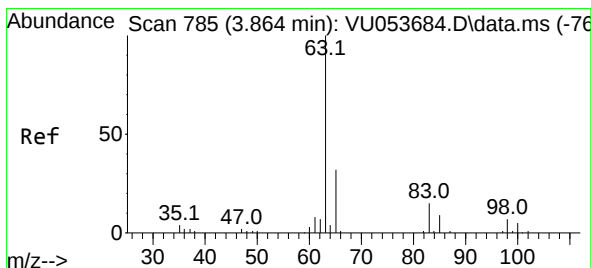
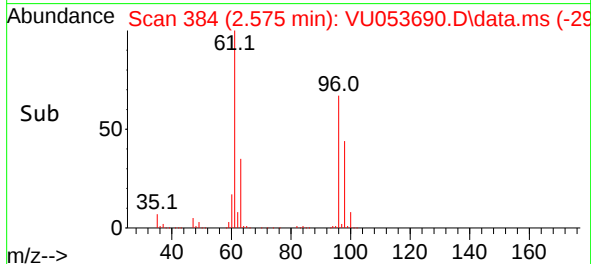
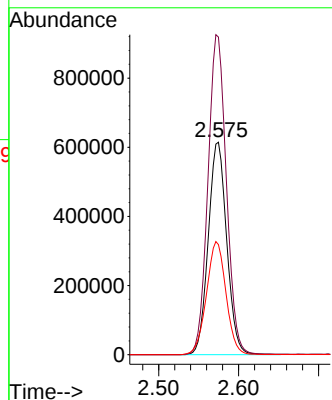
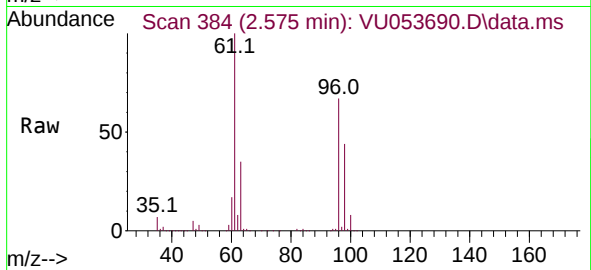




#12
1,1-Dichloroethene
Concen: 109.952 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

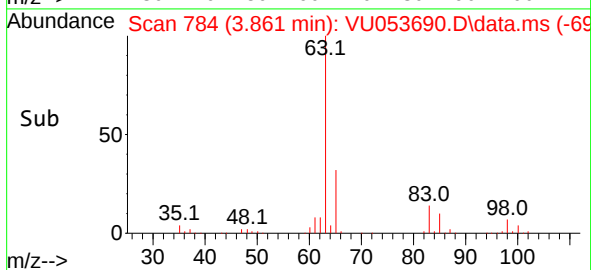
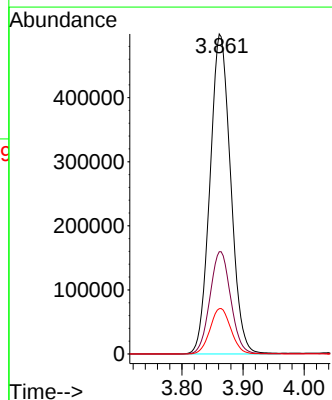
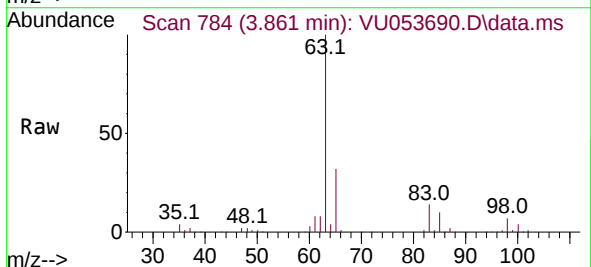
Instrument :
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ClientSampleId :
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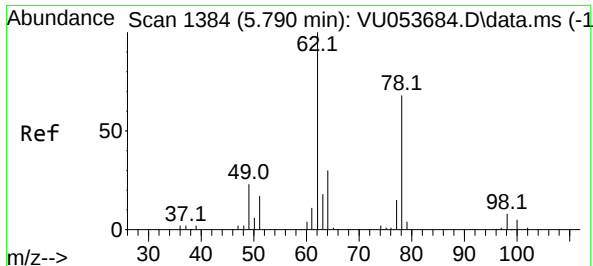
Tgt Ion: 96 Resp: 988662
Ion Ratio Lower Upper
96 100
61 149.5 116.8 216.8
63 51.8 88.6 164.6#



#19
1,1-Dichloroethane
Concen: 68.127 ug/L
RT: 3.861 min Scan# 784
Delta R.T. -0.003 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

Tgt Ion: 63 Resp: 1172163
Ion Ratio Lower Upper
63 100
65 32.0 21.7 40.3
83 14.2 8.1 15.1

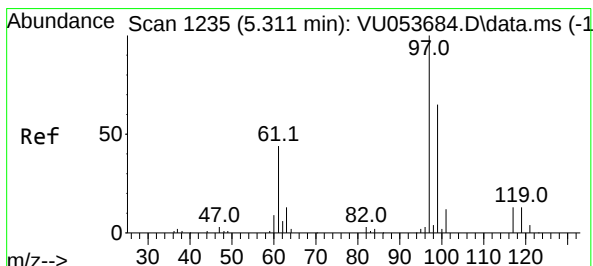
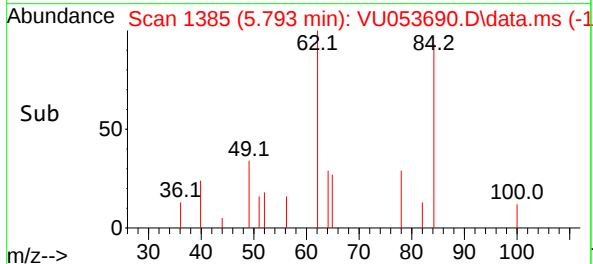
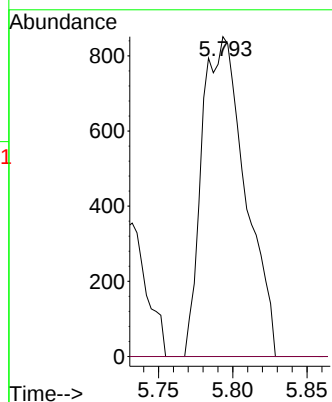
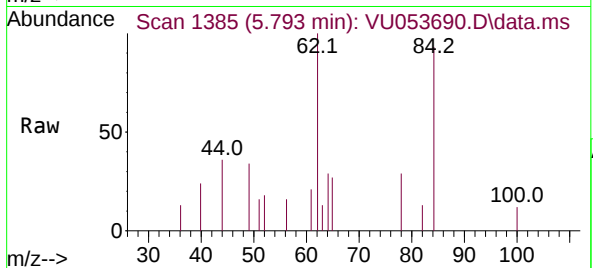




#27
 1,2-Dichloroethane
 Concen: 0.155 ug/L
 RT: 5.793 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU053690.D
 Acq: 13 Apr 2023 18:31

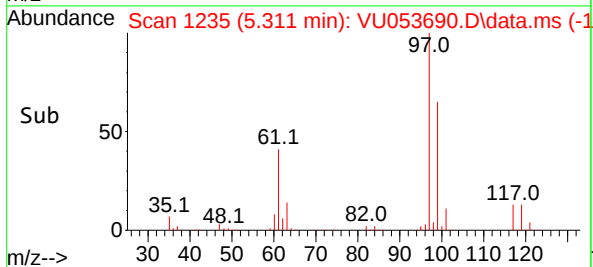
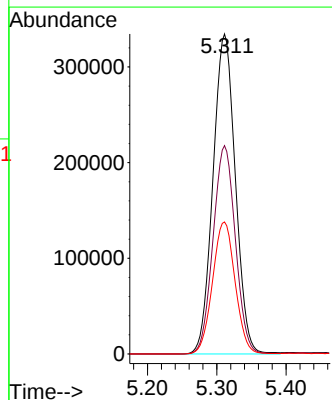
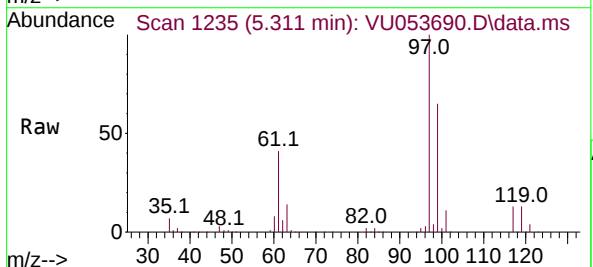
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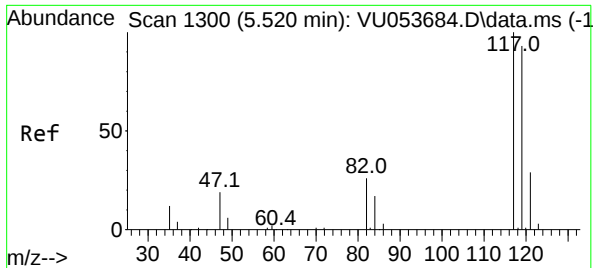
Tgt Ion: 62 Resp: 1723
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.4 9.6#



#29
 1,1,1-Trichloroethane
 Concen: 50.289 ug/L
 RT: 5.311 min Scan# 1235
 Delta R.T. 0.000 min
 Lab File: VU053690.D
 Acq: 13 Apr 2023 18:31

Tgt Ion: 97 Resp: 751802
 Ion Ratio Lower Upper
 97 100
 99 64.8 49.9 74.9
 61 41.6 35.7 53.5

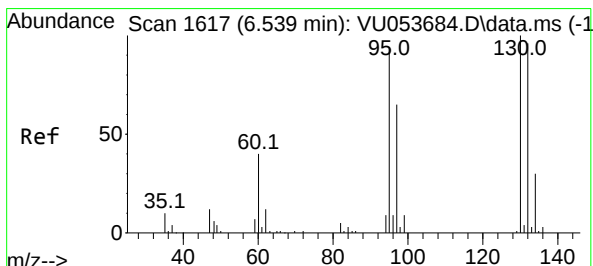
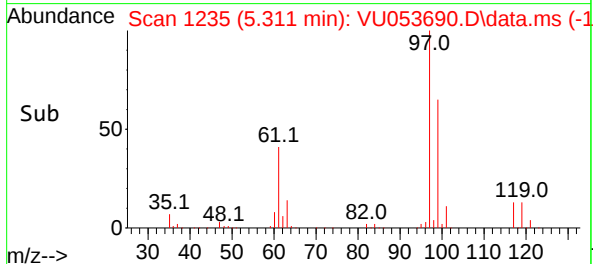
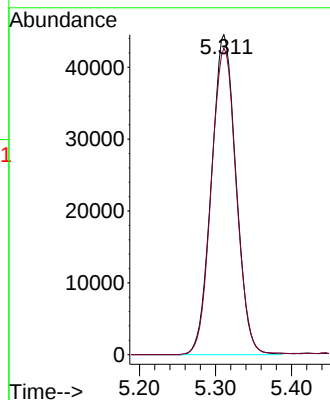
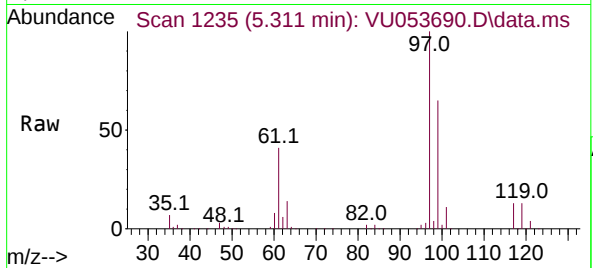




#31
Carbon tetrachloride
Concen: 7.922 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

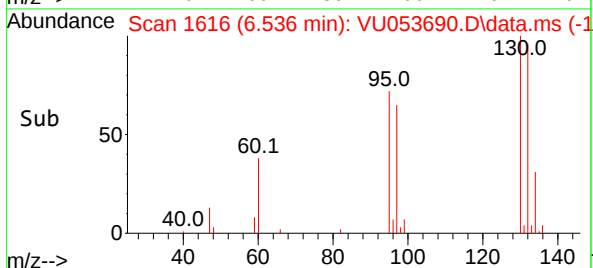
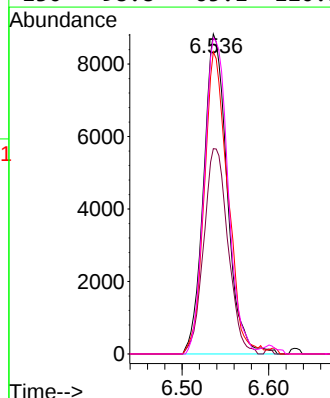
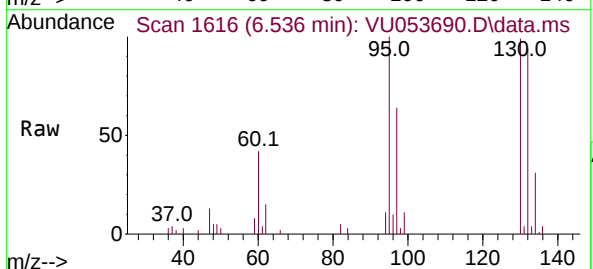
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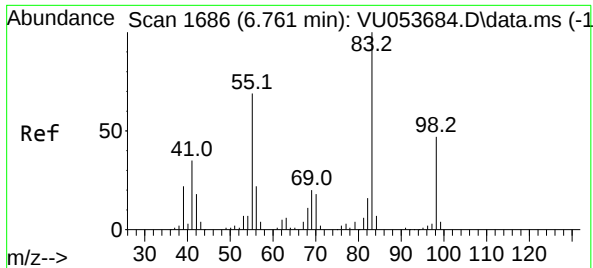
Tgt Ion:117 Resp: 100208
Ion Ratio Lower Upper
117 100
119 97.4 77.7 116.5



#34
Trichloroethene
Concen: 1.540 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

Tgt Ion: 95 Resp: 16644
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 94.4 62.8 116.6
130 98.8 65.1 120.9

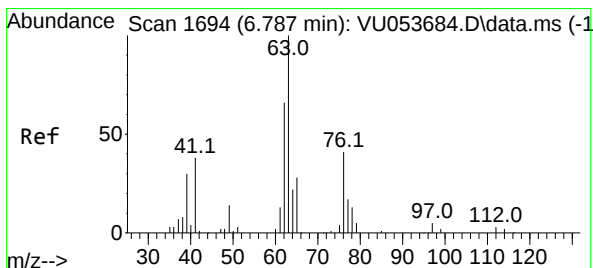
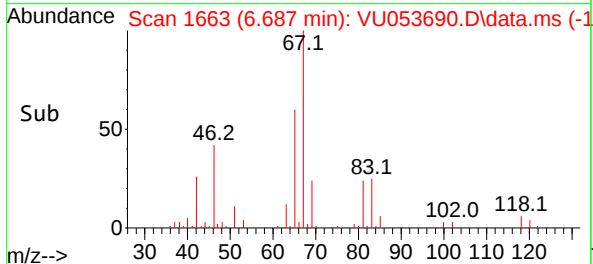
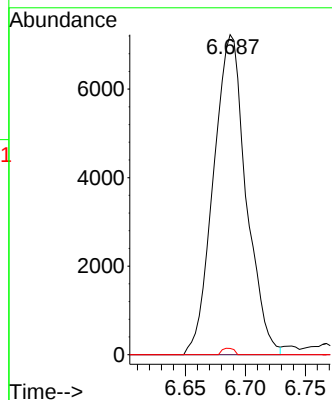
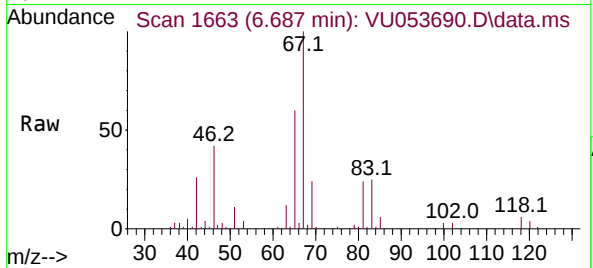




#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

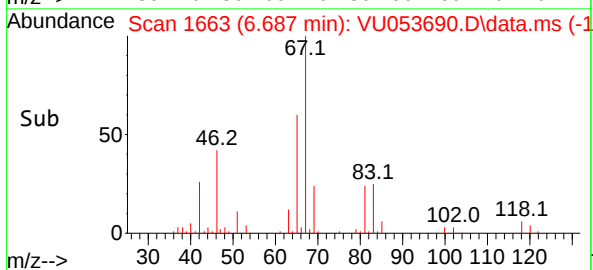
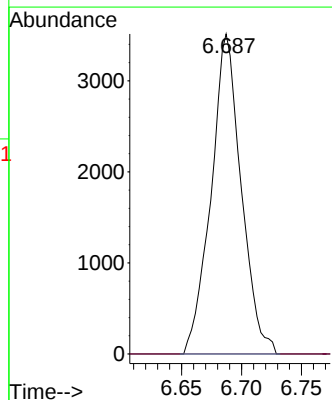
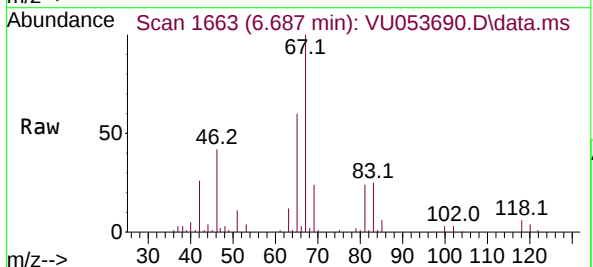
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ClientSampleId :
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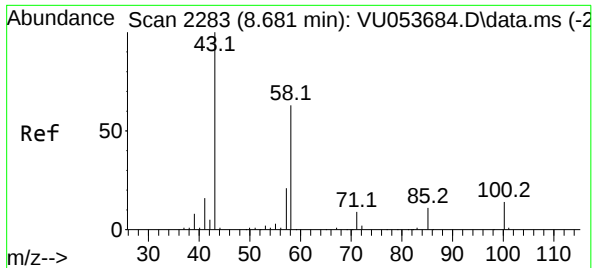
Tgt Ion: 83 Resp: 13733
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.7 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

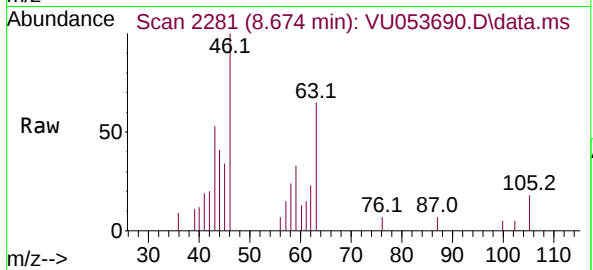
Tgt Ion: 63 Resp: 6128
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#48
 2-Hexanone
 Concen: 0.688 ug/L
 RT: 8.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VU053690.D
 Acq: 13 Apr 2023 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE8



Tgt Ion: 43	Resp: 2668
Ion Ratio	Lower Upper
43 100	
58 26.6	52.8 79.2#
57 25.6	17.1 25.7
100 4.9	10.8 16.2#

