

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051849.D
 Acq On : 14 Nov 2022 21:19
 Operator : JC/MD
 Sample : N5592-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:06:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

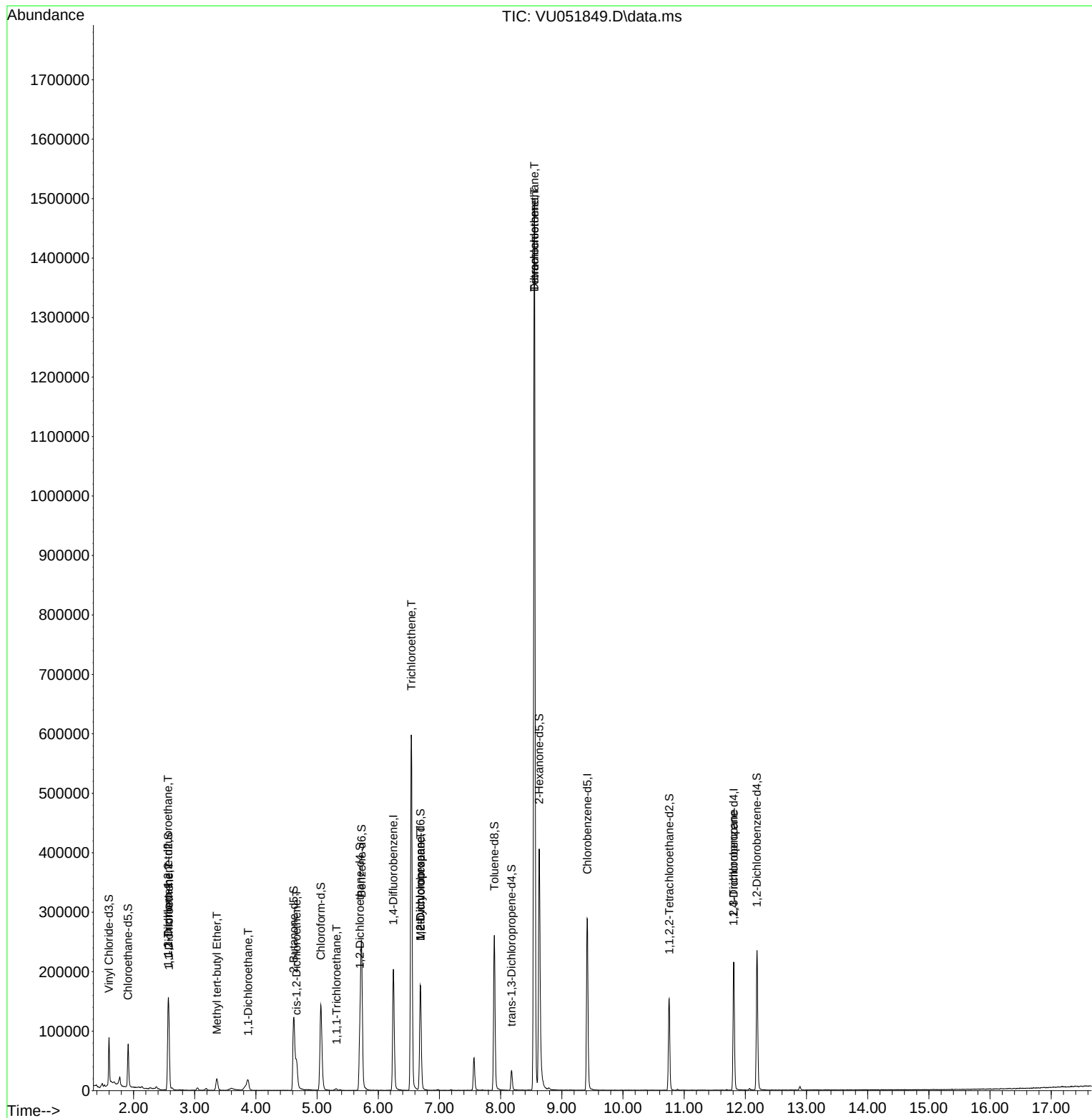
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	167263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	172859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	55823	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.910	69	55656	4.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.565	65	23354	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.617	46	181409	39.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.520%
24) Chloroform-d	5.061	84	133495	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	69330	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.726	84	247611	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.688	67	87420	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.896	98	184885	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.176	79	20372	3.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.630	63	130280	37.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.220%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	80995	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	66140	6.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.400%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	760	0.053	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	23200	1.596	ug/L #	43
17) Methyl tert-butyl Ether	3.363	73	19953	0.598	ug/L	99
19) 1,1-Dichloroethane	3.871	63	10468	0.364	ug/L	93
22) cis-1,2-Dichloroethene	4.662	96	20164	1.168	ug/L	95
29) 1,1,1-Trichloroethane	5.318	97	1826	0.078	ug/L #	83
34) Trichloroethene	6.540	95	209828	12.746	ug/L	95
35) Methylcyclohexane	6.688	83	19965	0.877	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	8976	0.512	ug/L #	89
47) Tetrachloroethene	8.552	164	342159	27.138	ug/L	95
49) Dibromochloromethane	8.552	129	327180	22.276	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7417	0.965	ug/L #	65

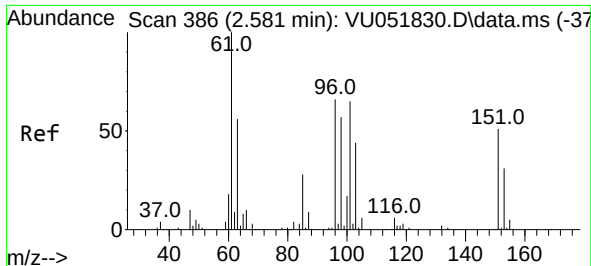
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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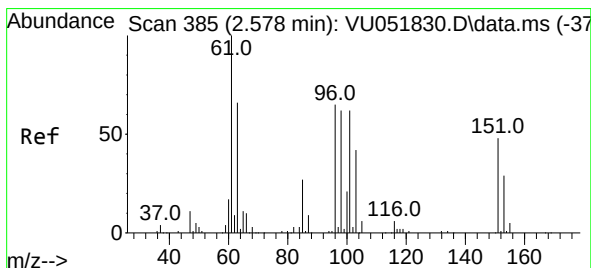
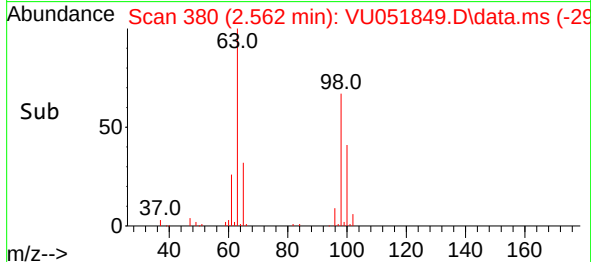
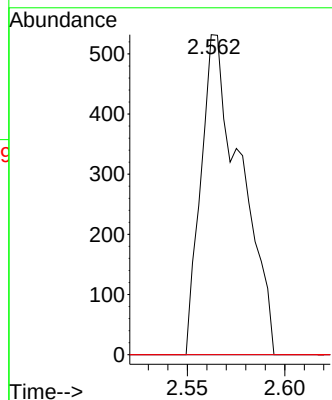
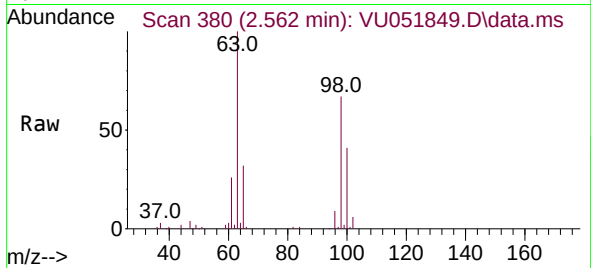




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.053 ug/L
 RT: 2.562 min Scan# 386
 Delta R.T. -0.019 min
 Lab File: VU051849.D
 Acq: 14 Nov 2022 21:19

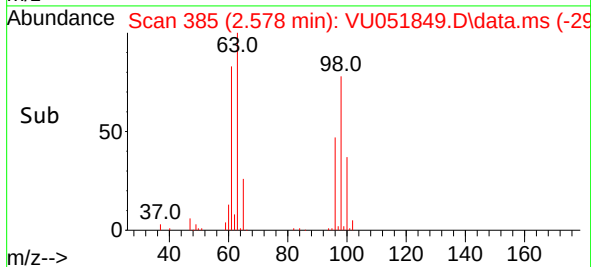
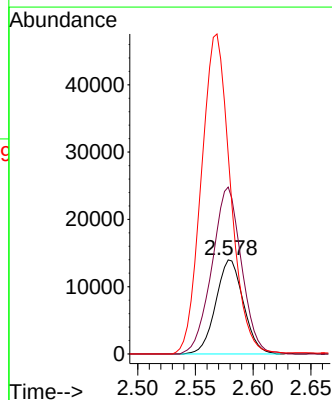
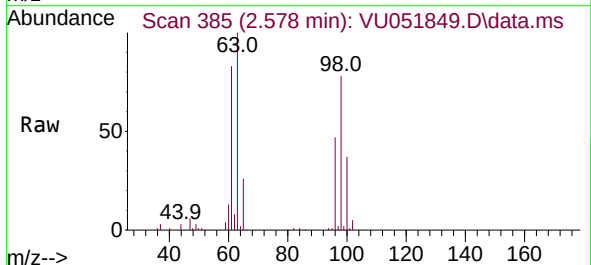
Instrument :
 MSVOA_U
 ClientSampleId :

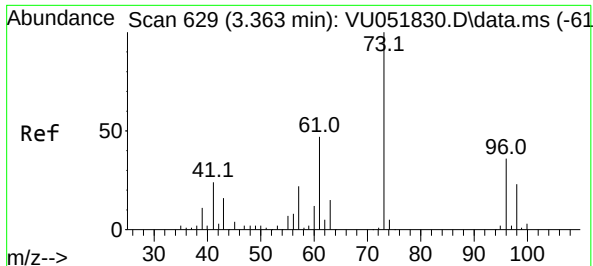
Tgt Ion:101 Resp: 760
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 1.596 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051849.D
 Acq: 14 Nov 2022 21:19

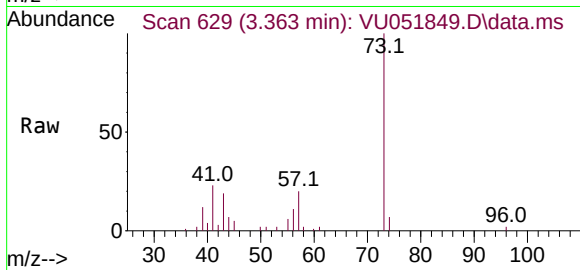
Tgt Ion: 96 Resp: 23200
 Ion Ratio Lower Upper
 96 100
 61 177.3 108.8 202.0
 63 212.5 64.9 120.5#



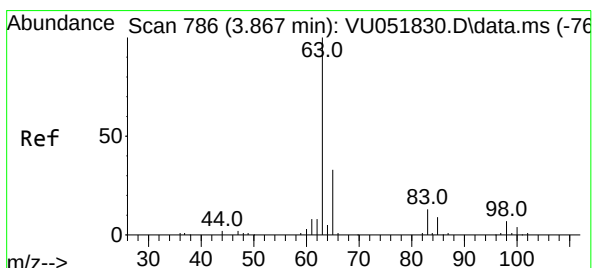
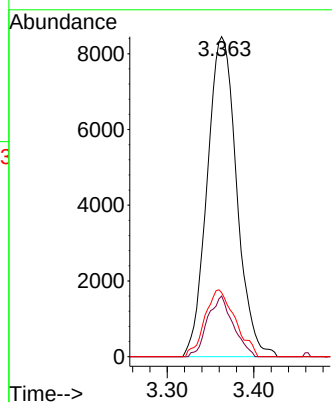
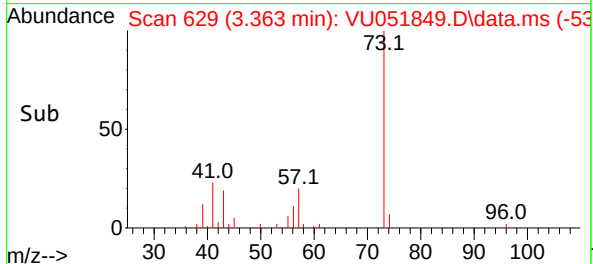


#17
Methyl tert-butyl Ether
Concen: 0.598 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051849.D
Acq: 14 Nov 2022 21:19

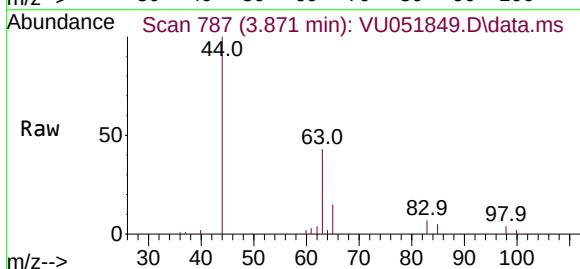
Instrument :
MSVOA_U
ClientSampleId :



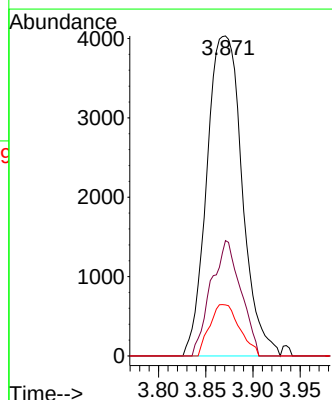
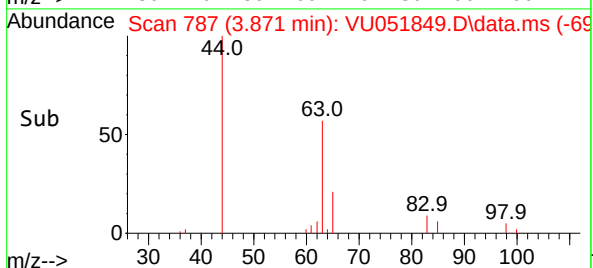
Tgt Ion: 73	Resp: 19953
Ion Ratio	Lower Upper
73 100	
43 16.5	13.6 20.4
57 21.5	17.5 26.3

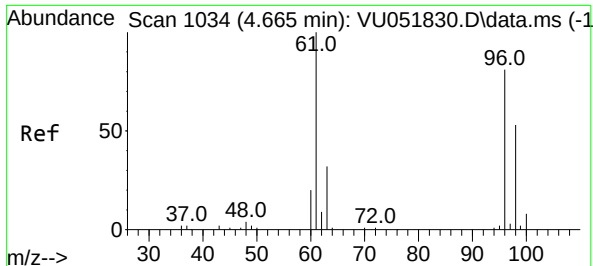


#19
1,1-Dichloroethane
Concen: 0.364 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.004 min
Lab File: VU051849.D
Acq: 14 Nov 2022 21:19



Tgt Ion: 63	Resp: 10468
Ion Ratio	Lower Upper
63 100	
65 36.1	22.7 42.1
83 16.0	9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 1.168 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Instrument :

MSVOA_U

ClientSampleId :

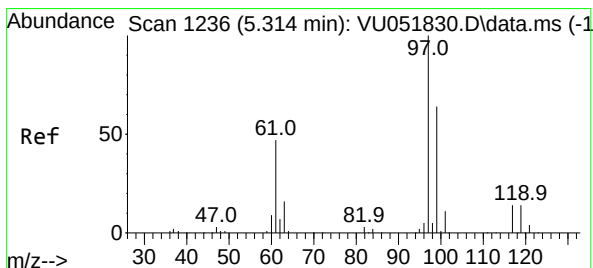
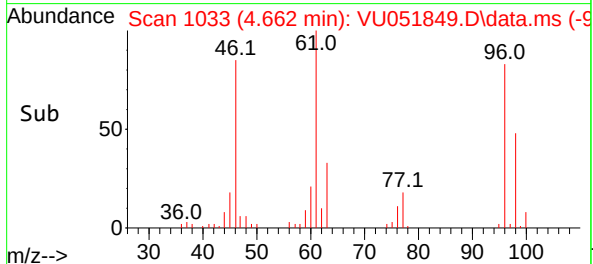
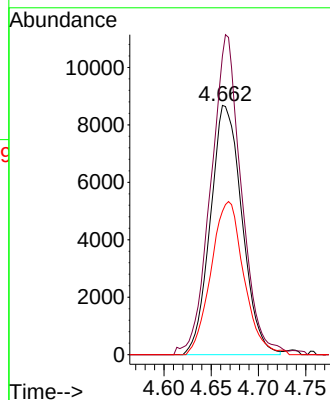
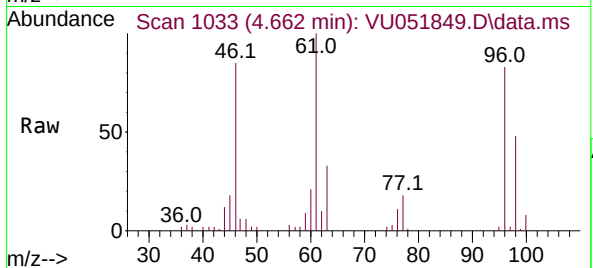
Tgt Ion: 96 Resp: 20164

Ion Ratio Lower Upper

96 100

61 119.9 86.4 160.4

98 57.5 44.2 82.2



#29

1,1,1-Trichloroethane

Concen: 0.078 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.004 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

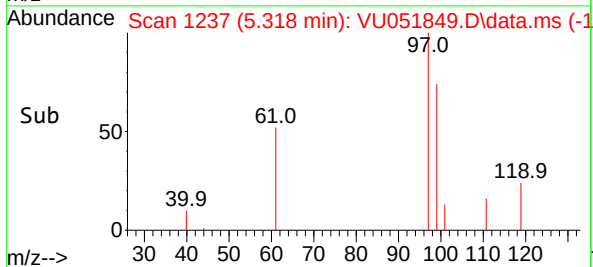
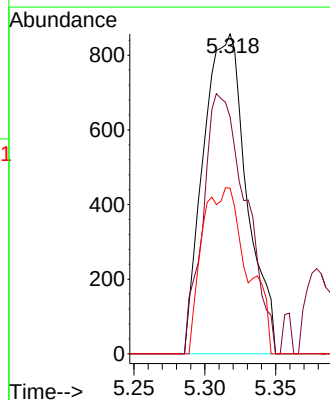
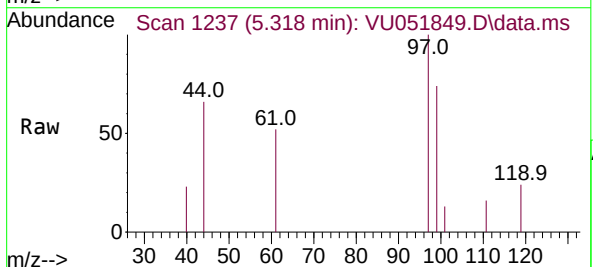
Tgt Ion: 97 Resp: 1826

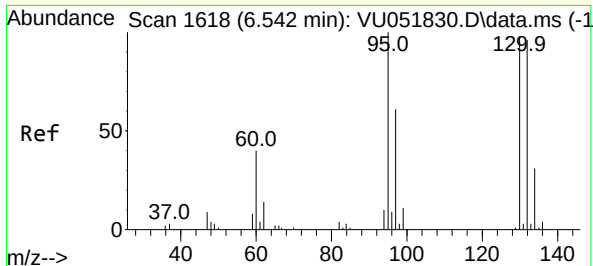
Ion Ratio Lower Upper

97 100

99 80.5 51.1 76.7#

61 53.8 37.4 56.0

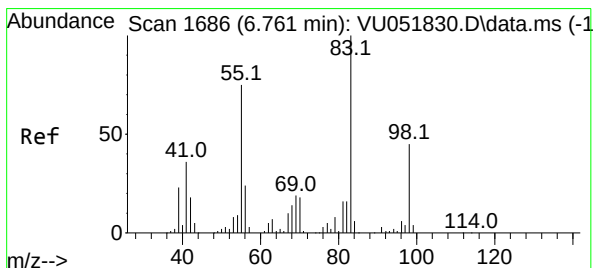
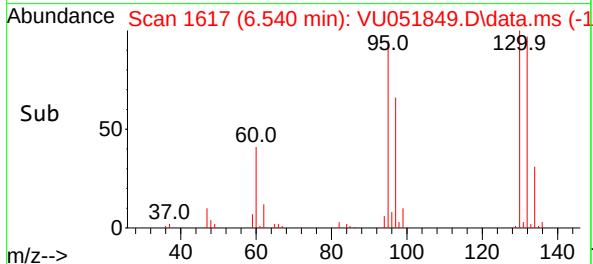
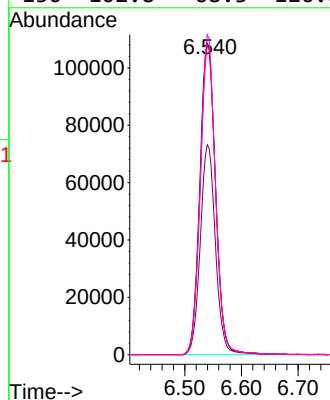
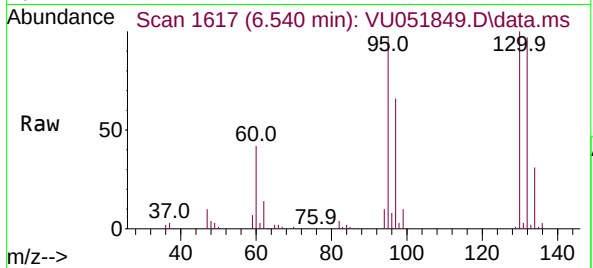




#34
Trichloroethene
Concen: 12.746 ug/L
RT: 6.540 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU051849.D
Acq: 14 Nov 2022 21:19

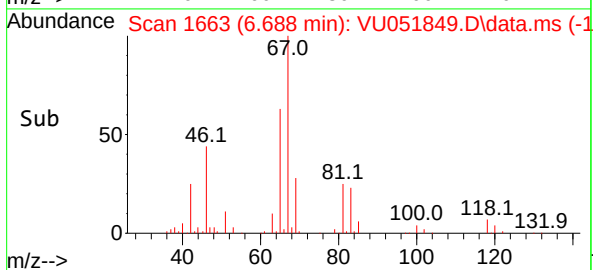
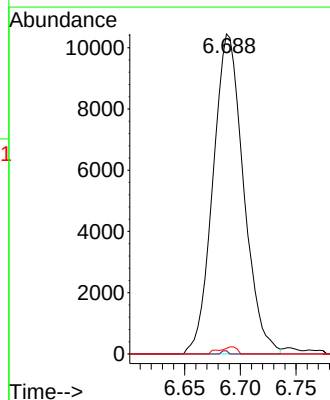
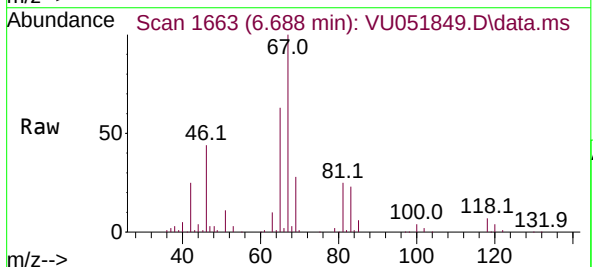
Instrument :
MSVOA_U
ClientSampleId :

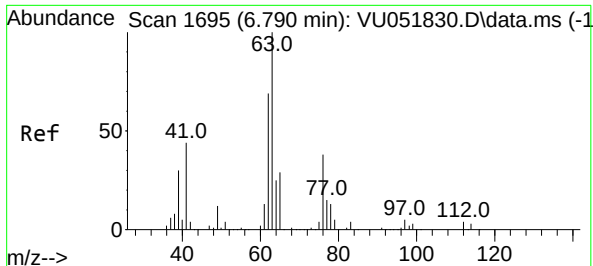
Tgt Ion: 95 Resp: 209828
Ion Ratio Lower Upper
95 100
97 67.5 45.2 84.0
132 99.4 66.5 123.5
130 102.8 68.3 126.8



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.688 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051849.D
Acq: 14 Nov 2022 21:19

Tgt Ion: 83 Resp: 19965
Ion Ratio Lower Upper
83 100
55 0.2 60.6 90.8#
98 1.3 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Instrument :

MSVOA_U

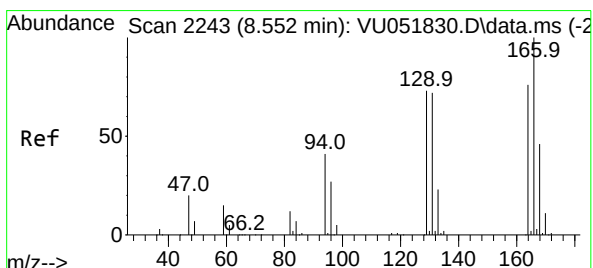
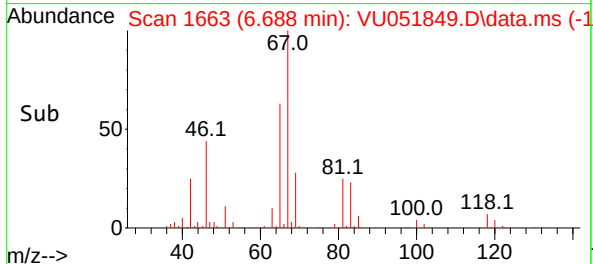
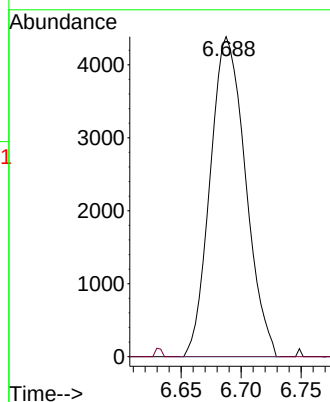
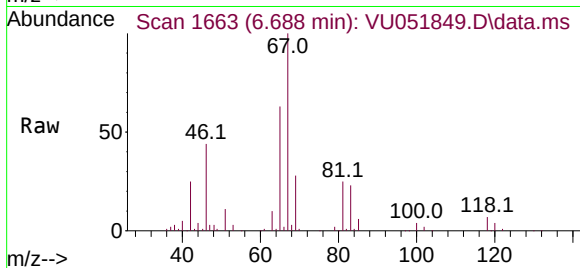
ClientSampleId :

Tgt Ion: 63 Resp: 8976

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#47

Tetrachloroethene

Concen: 27.138 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051849.D

Acq: 14 Nov 2022 21:19

Tgt Ion: 164 Resp: 342159

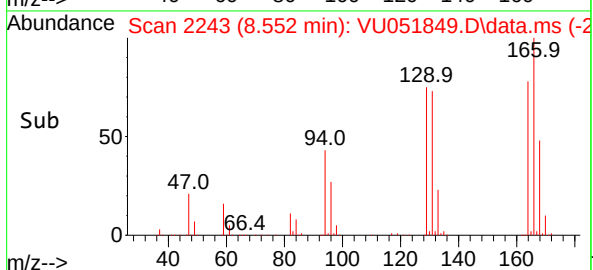
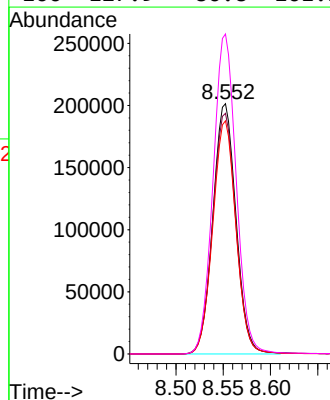
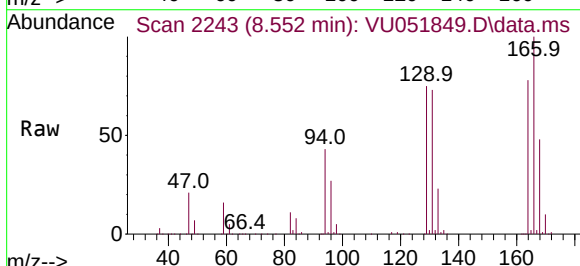
Ion Ratio Lower Upper

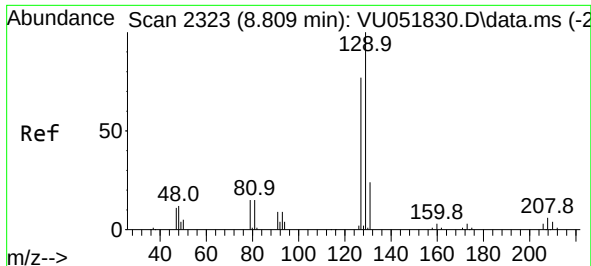
164 100

129 96.2 64.0 118.8

131 93.1 60.7 112.7

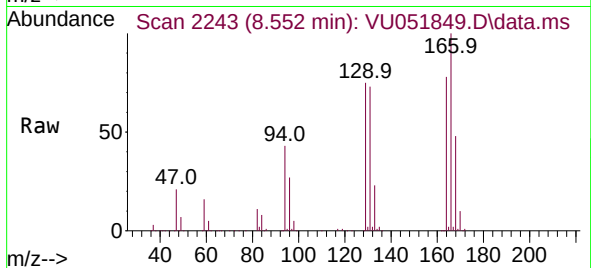
166 127.9 86.8 161.2



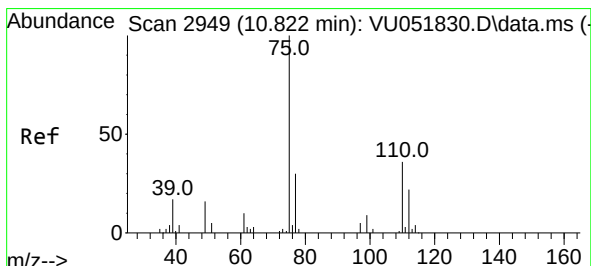
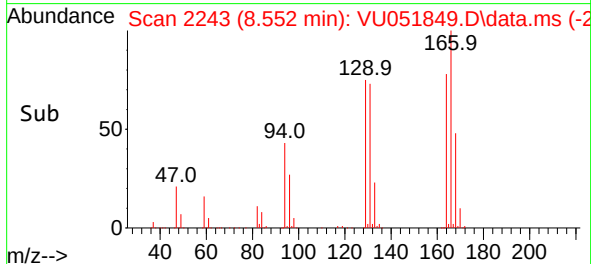
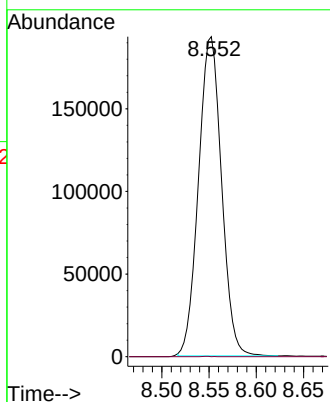


#49
 Dibromochloromethane
 Concen: 22.276 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU051849.D
 Acq: 14 Nov 2022 21:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 327180
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.8 101.8#



#61
 1,2,3-Trichloropropane
 Concen: 0.965 ug/L
 RT: 11.806 min Scan# 3255
 Delta R.T. 0.984 min
 Lab File: VU051849.D
 Acq: 14 Nov 2022 21:19

Tgt Ion: 75 Resp: 7417
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.7 43.1#
 77 29.4 26.1 39.1

