

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052064.D
 Acq On : 23 Nov 2022 01:41
 Operator : JC/MD
 Sample : N5684-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

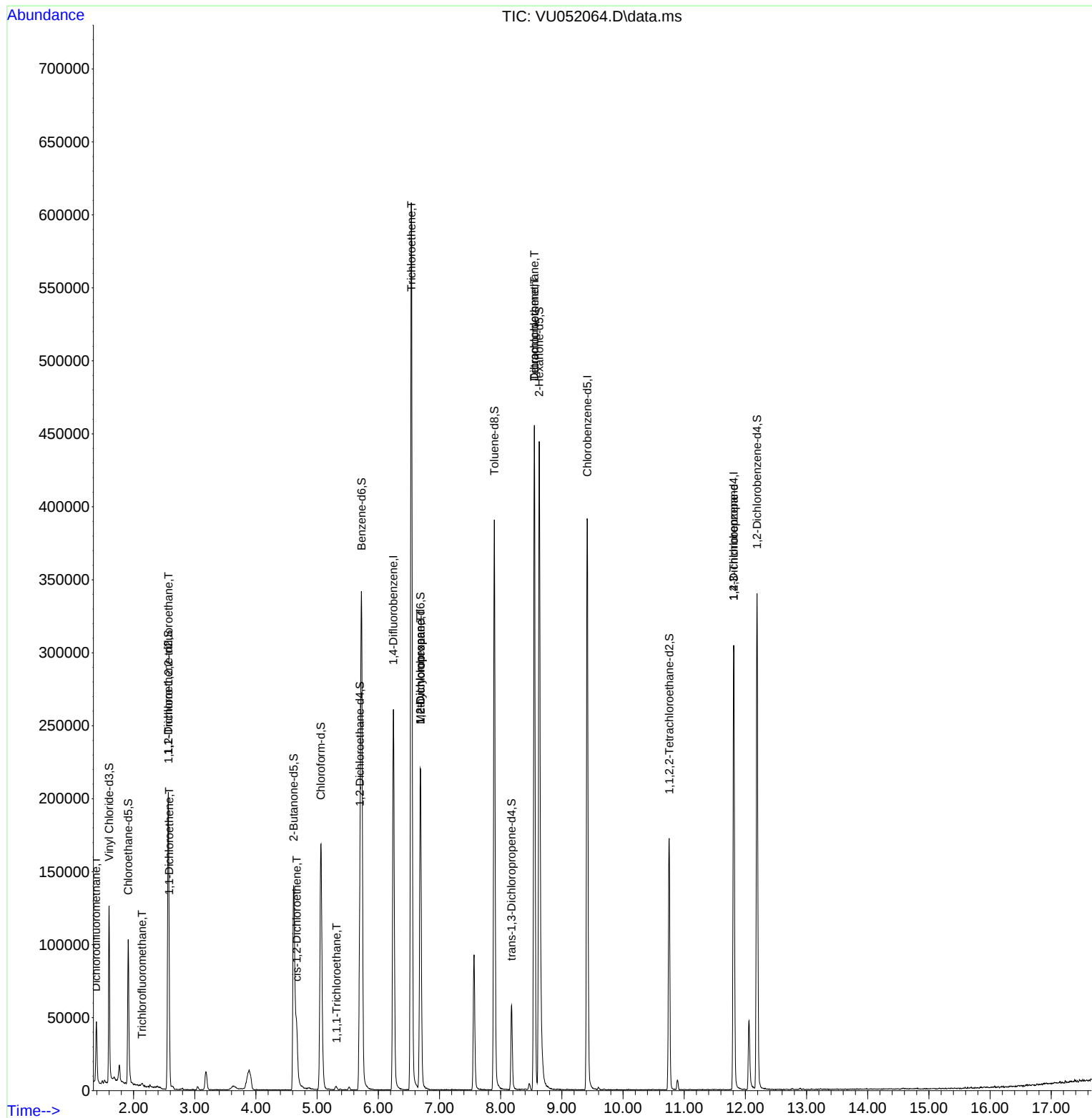
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93953	4.372	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.912	69	82718	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.565	65	36367	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.617	46	198896	51.065	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.120%
24) Chloroform-d	5.060	84	161620	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.700	65	83169	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	342132	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.687	67	113034	5.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.896	98	267335	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.179	79	34053	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.629	63	152731	46.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.000%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	89264	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	96503	5.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	11832	0.618	ug/L	99
9) Trichlorofluoromethane	2.138	101	1059	0.040	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	3954	0.245	ug/L #	70
12) 1,1-Dichloroethene	2.581	96	8824	0.551	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	17838	0.989	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	1622	0.063	ug/L	94
34) Trichloroethene	6.539	95	216821	11.539	ug/L	96
35) Methylcyclohexane	6.687	83	25878	0.957	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11495	0.589	ug/L #	88
47) Tetrachloroethene	8.552	164	104966	7.289	ug/L	98
49) Dibromochloromethane	8.552	129	100274	6.108	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9985	1.021	ug/L #	67

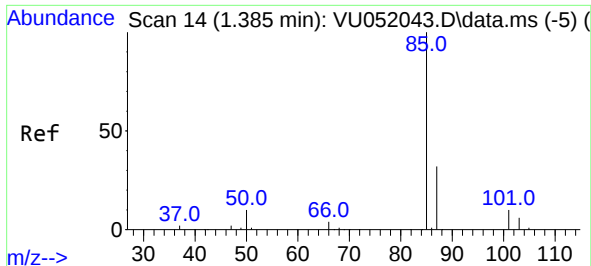
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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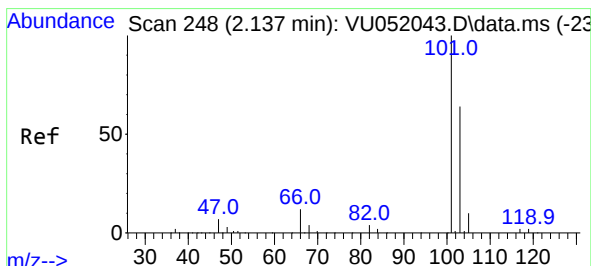
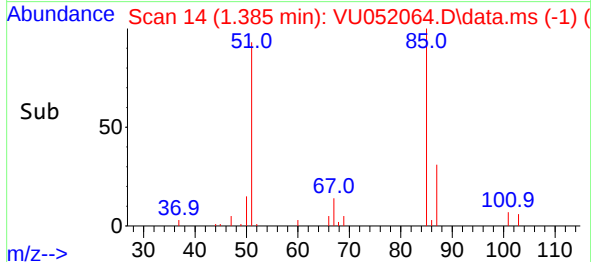
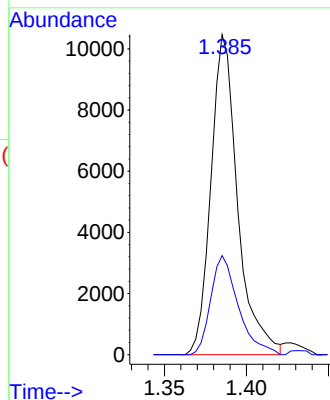
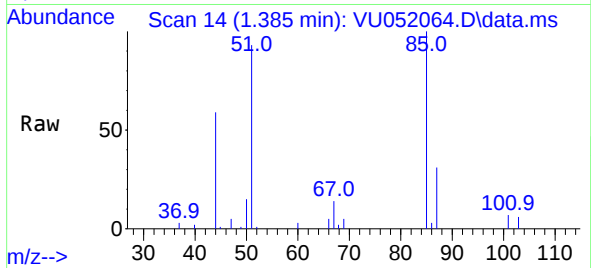




#2
Dichlorodifluoromethane
Concen: 0.618 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

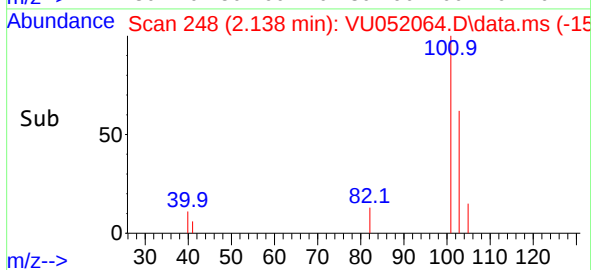
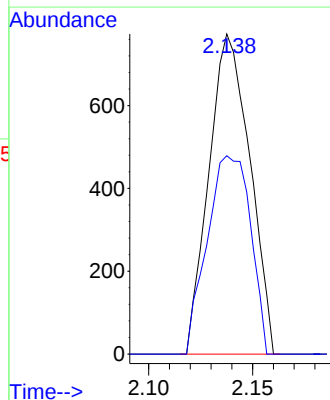
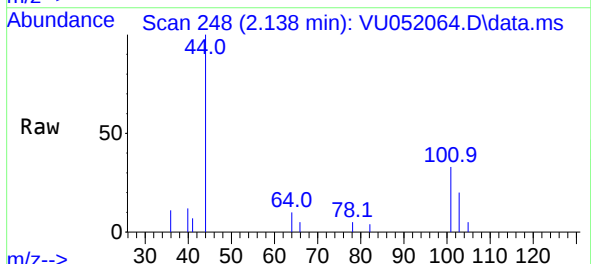
Instrument :
MSVOA_U
ClientSampleId :

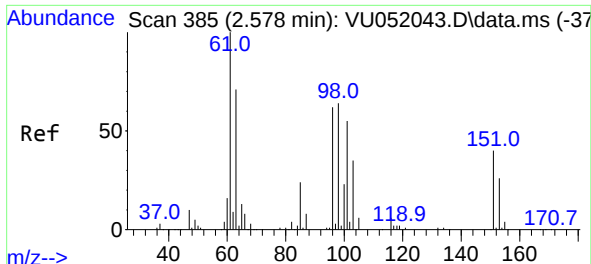
Tgt Ion: 85 Resp: 11832
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#9
Trichlorofluoromethane
Concen: 0.040 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

Tgt Ion:101 Resp: 1059
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

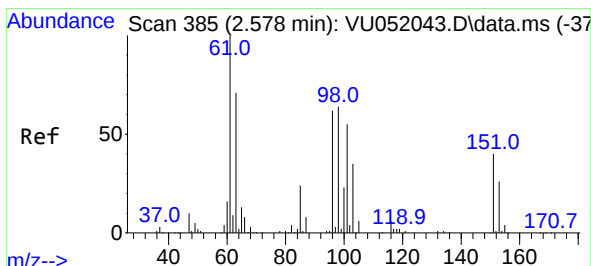
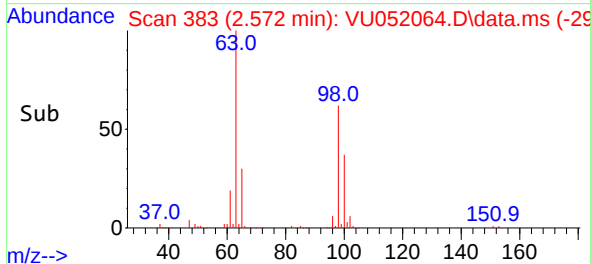
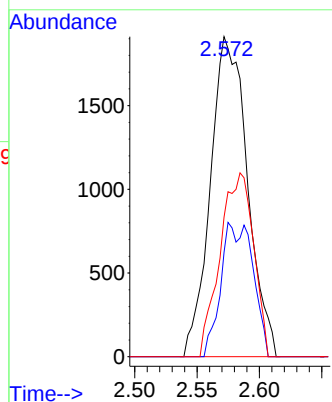
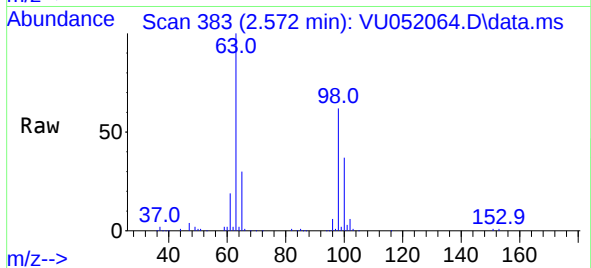




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.245 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

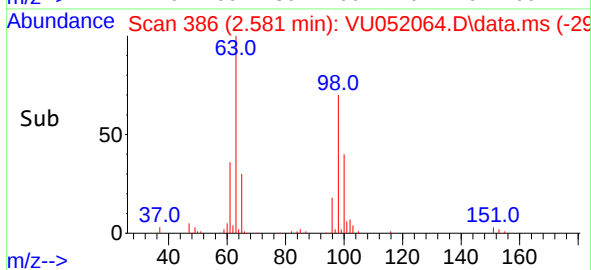
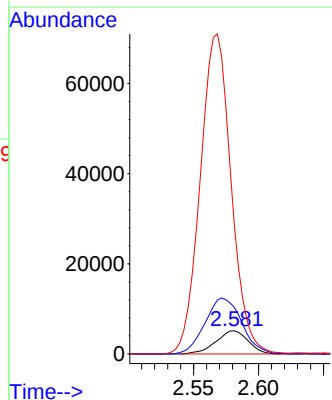
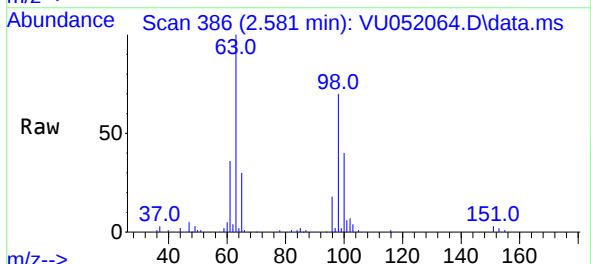
Instrument :
MSVOA_U
ClientSampleId :

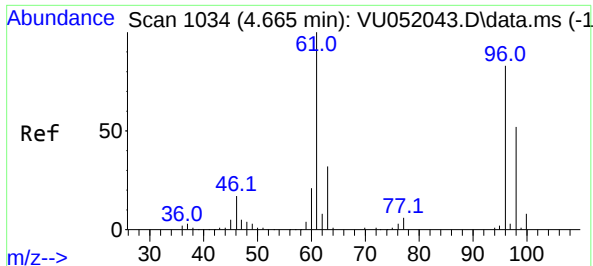
Tgt Ion:101 Resp: 3954
Ion Ratio Lower Upper
101 100
85 18.5 33.8 50.6#
151 51.8 58.6 88.0#



#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

Tgt Ion: 96 Resp: 8824
Ion Ratio Lower Upper
96 100
61 200.0 114.8 213.2
63 558.1 93.7 174.1#





#22

cis-1,2-Dichloroethene

Concen: 0.989 ug/L

RT: 4.668 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052064.D

Acq: 23 Nov 2022 01:41

Instrument :

MSVOA_U

ClientSampleId :

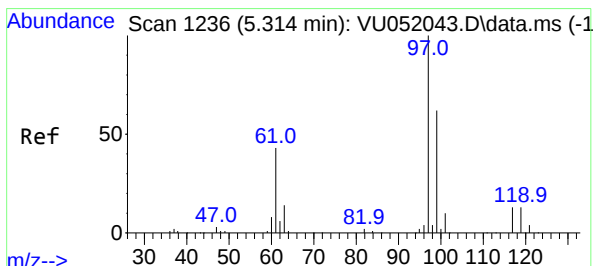
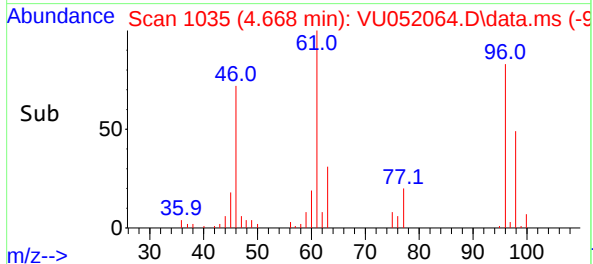
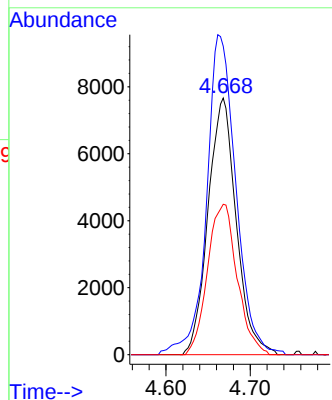
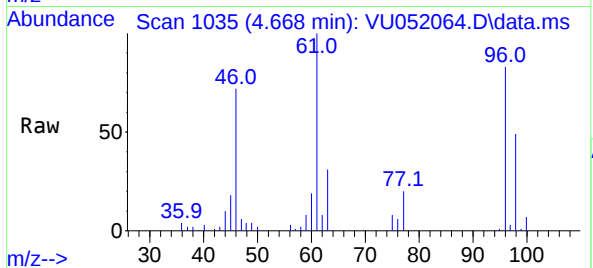
Tgt Ion: 96 Resp: 17838

Ion Ratio Lower Upper

96 100

61 120.2 85.1 158.1

98 58.6 42.8 79.6



#29

1,1,1-Trichloroethane

Concen: 0.063 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU052064.D

Acq: 23 Nov 2022 01:41

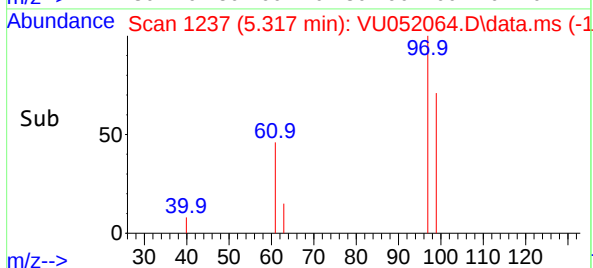
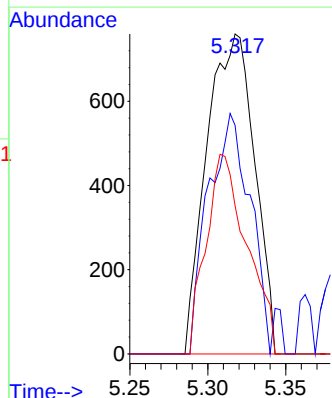
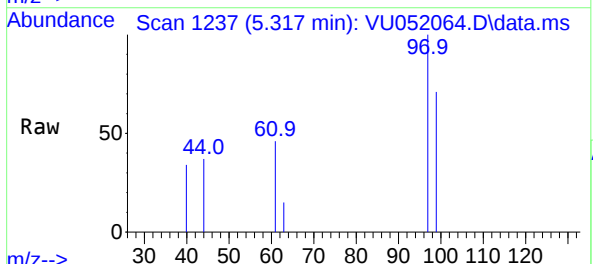
Tgt Ion: 97 Resp: 1622

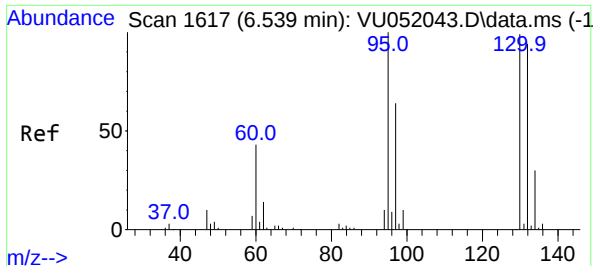
Ion Ratio Lower Upper

97 100

99 66.0 51.0 76.6

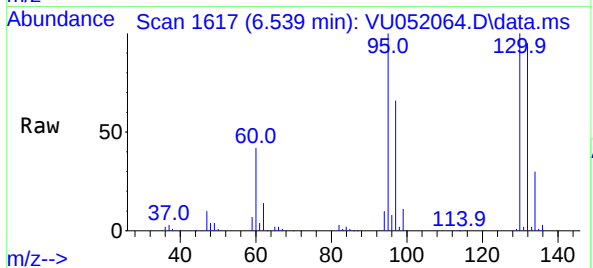
61 53.2 36.9 55.3



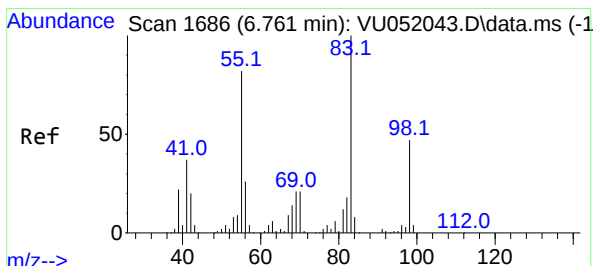
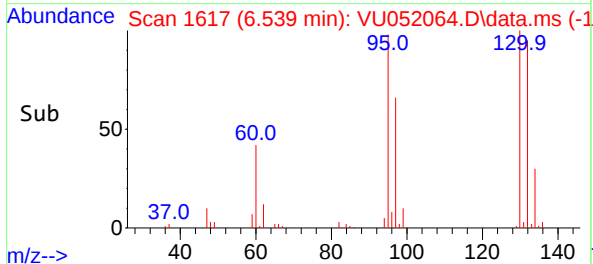
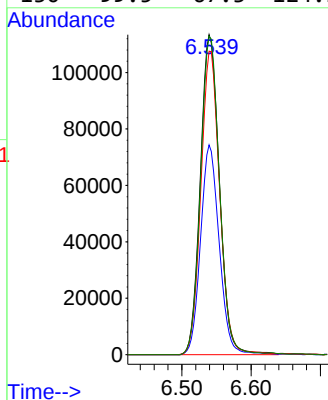


#34
Trichloroethene
Concen: 11.539 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

Instrument :
MSVOA_U
ClientSampleId :

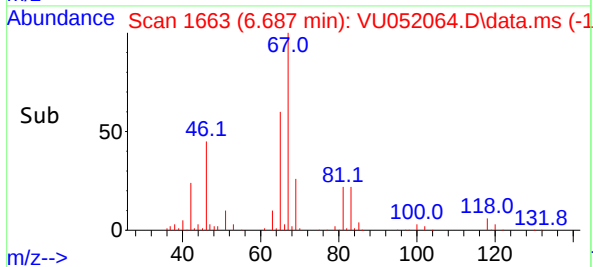
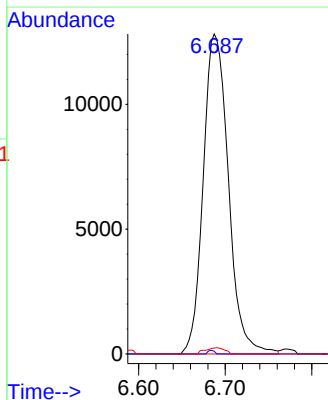
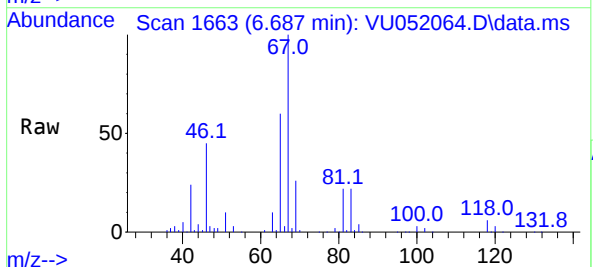


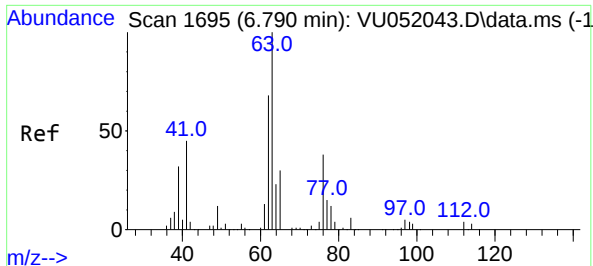
Tgt Ion: 95 Resp: 216821
Ion Ratio Lower Upper
95 100
97 65.6 43.7 81.1
132 94.9 64.3 119.3
130 99.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

Tgt Ion: 83 Resp: 25878
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.5 35.1 52.7#

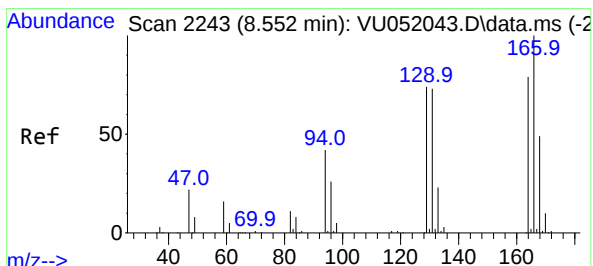
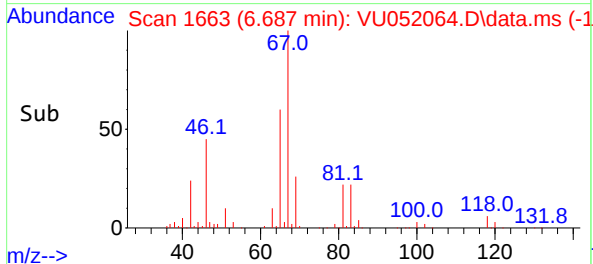
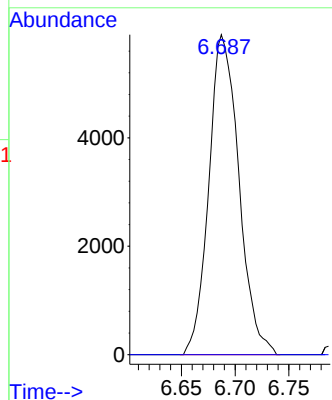
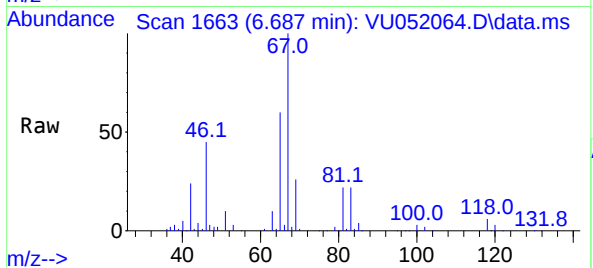




#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

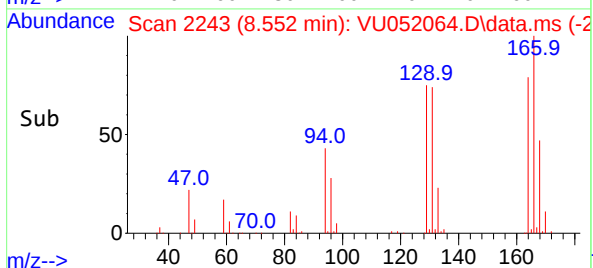
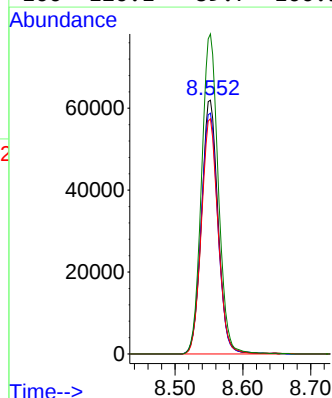
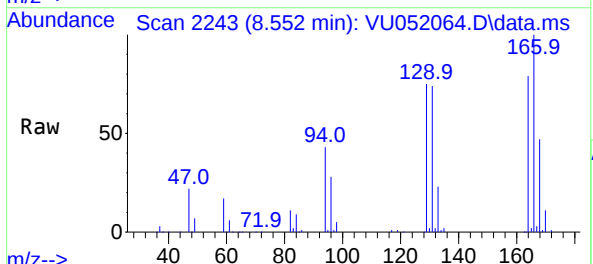
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MSVOA_U
ClientSampleId :

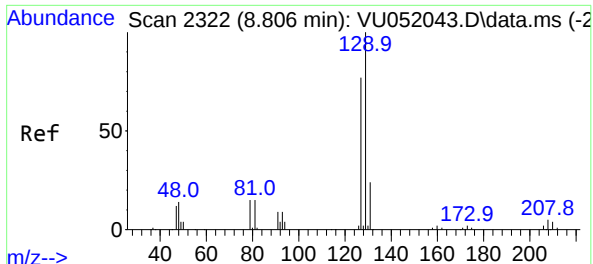
Tgt Ion: 63 Resp: 11495
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.289 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052064.D
Acq: 23 Nov 2022 01:41

Tgt Ion:164 Resp: 104966
Ion Ratio Lower Upper
164 100
129 94.9 67.4 125.2
131 92.7 67.1 124.7
166 126.1 89.7 166.5





#49

Dibromochloromethane

Concen: 6.108 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052064.D

Acq: 23 Nov 2022 01:41

Instrument :

MSVOA_U

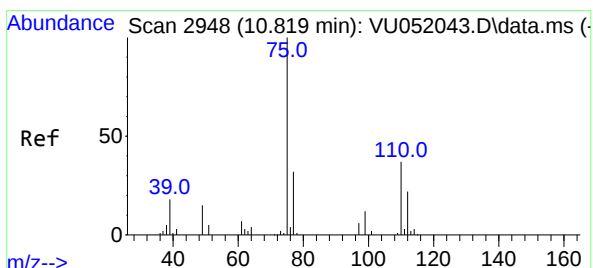
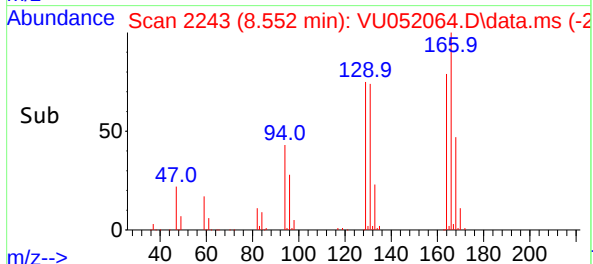
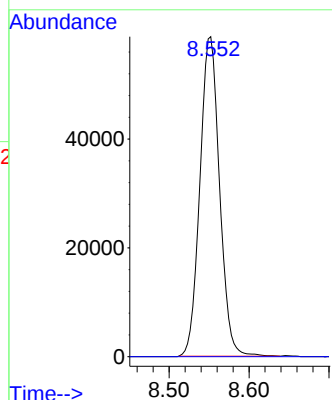
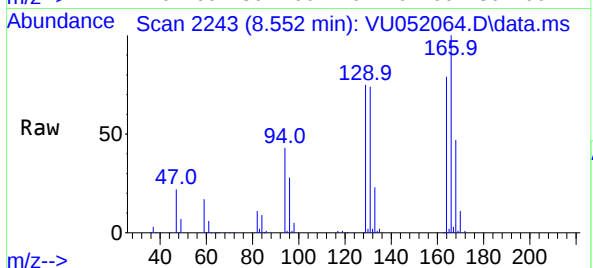
ClientSampleId :

Tgt Ion:129 Resp: 100274

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 1.021 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052064.D

Acq: 23 Nov 2022 01:41

Tgt Ion: 75 Resp: 9985

Ion Ratio Lower Upper

75 100

110 0.9 28.3 42.5#

77 30.1 26.2 39.2

