

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050230.D
 Acq On : 11 Aug 2022 15:05
 Operator : SY/MD
 Sample : N4160-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:32:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

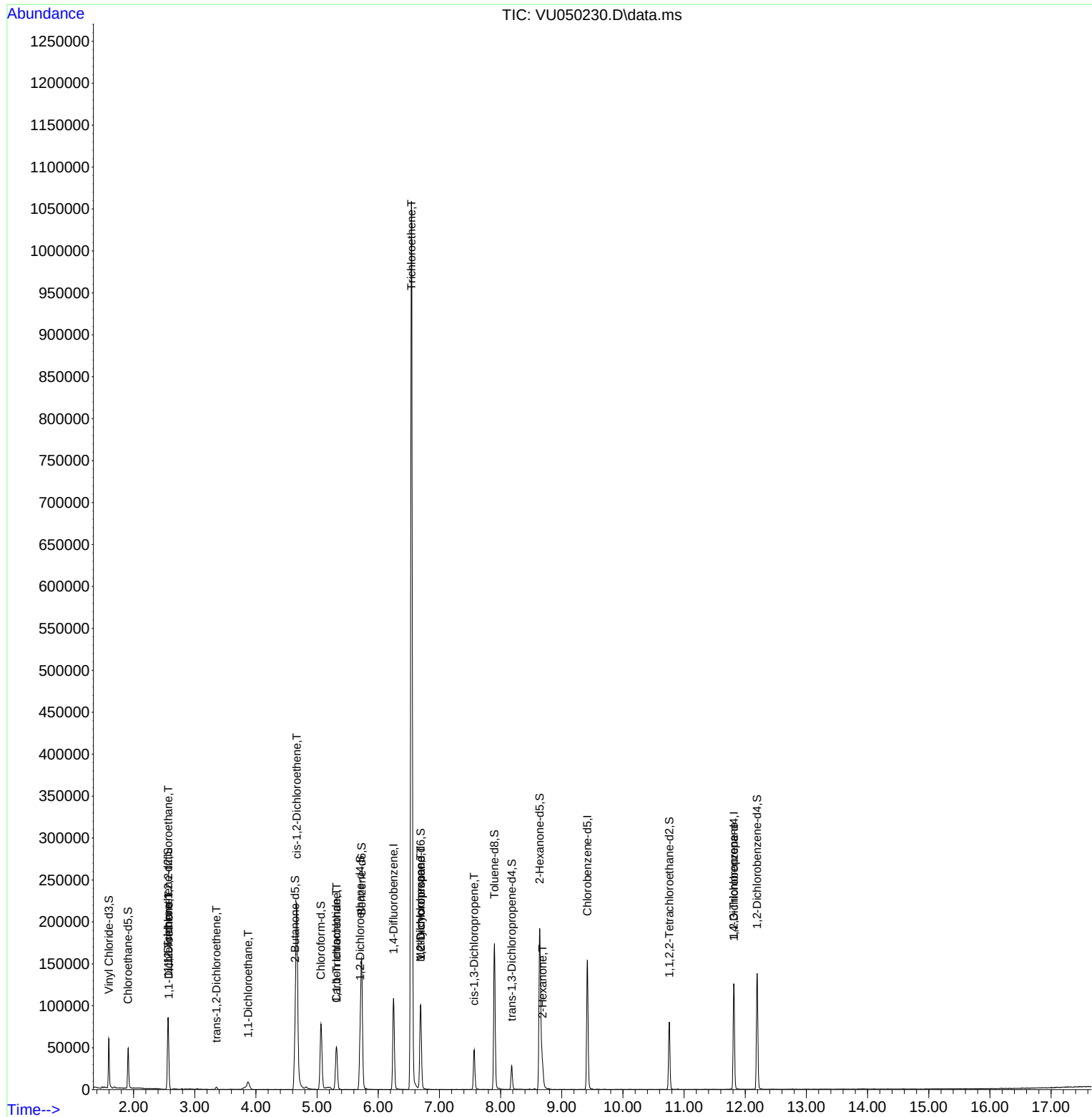
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	34727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	43476	5.811	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.200%
7) Chloroethane-d5	1.909	69	35173	5.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%
11) 1,1-Dichloroethene-d2	2.565	65	16509	5.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.000%
20) 2-Butanone-d5	4.642	46	111929	61.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.680%
24) Chloroform-d	5.063	84	74722	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.703	65	39012	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.729	84	148336	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.694	67	51238	5.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.899	98	120498	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.182	79	16665	5.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.639	63	61782	53.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42182	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	37760	5.550	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	408	0.069	ug/L #	22
12) 1,1-Dichloroethene	2.575	96	1171	0.188	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	1356	0.195	ug/L	87
19) 1,1-Dichloroethane	3.874	63	6724	0.510	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	102740	13.302	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	37852	3.485	ug/L	99
31) Carbon tetrachloride	5.314	117	4732	0.531	ug/L	93
34) Trichloroethene	6.542	95	375482	50.049	ug/L	97
35) Methylcyclohexane	6.690	83	11189	1.155	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5305	0.642	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1076	0.100	ug/L #	60
48) 2-Hexanone	8.687	43	14219	3.841	ug/L #	84
61) 1,2,3-Trichloropropane	11.812	75	4011	0.848	ug/L #	64

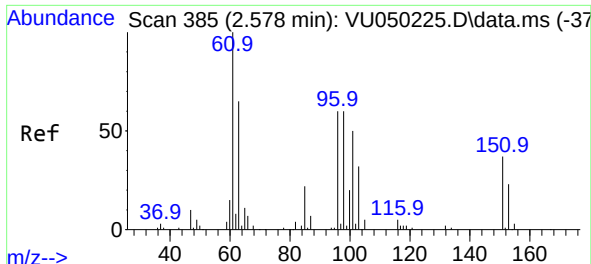
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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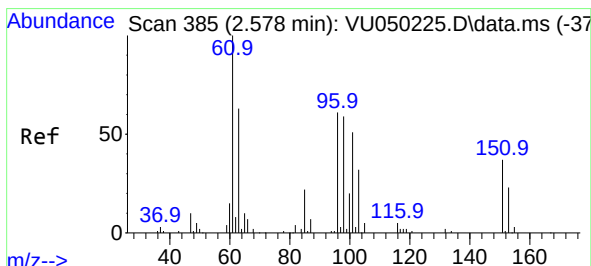
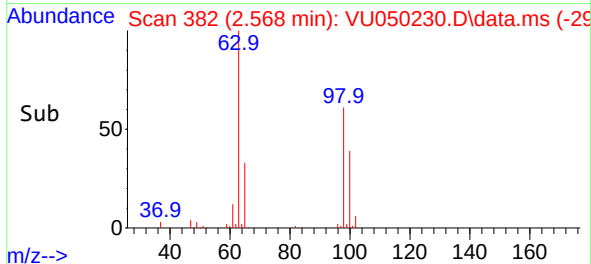
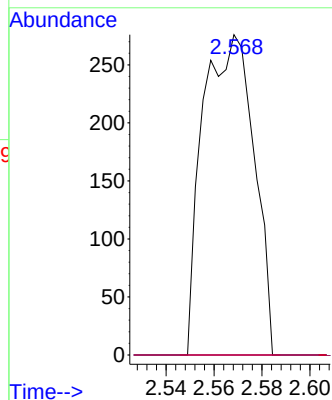
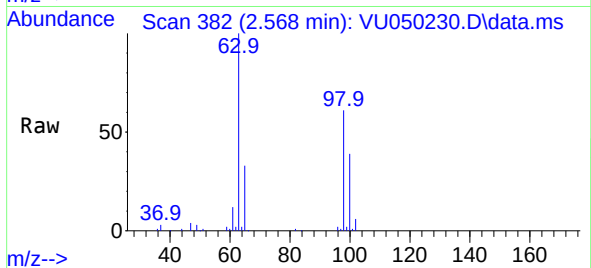




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

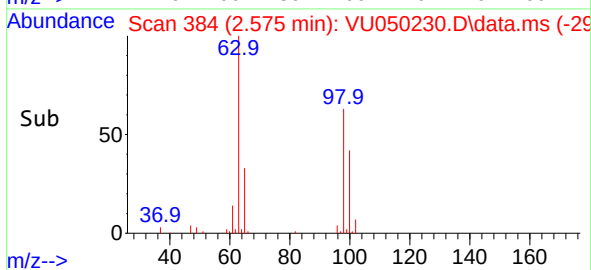
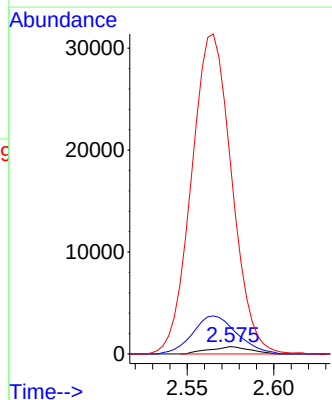
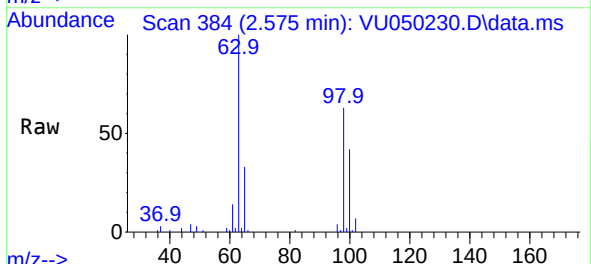
Instrument :
MSVOA_U
ClientSampleId :

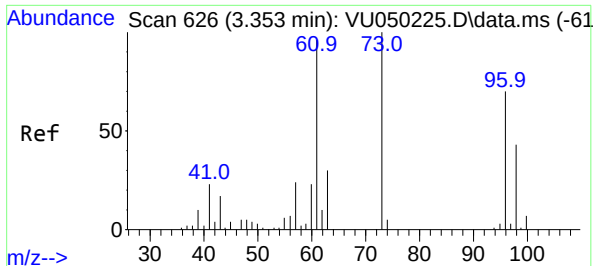
Tgt Ion:101 Resp: 408
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#12
1,1-Dichloroethene
Concen: 0.188 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

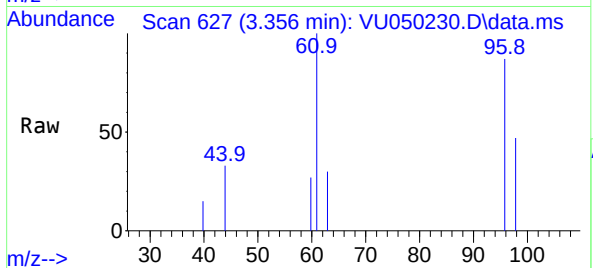
Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 376.5 122.7 227.9#
63 2662.9 85.1 158.1#



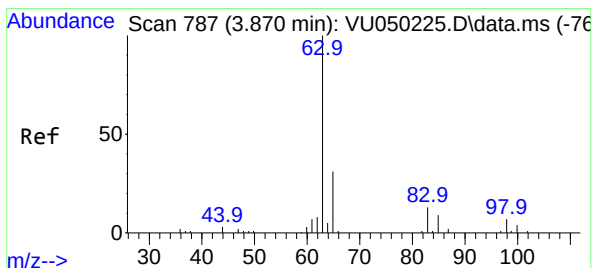
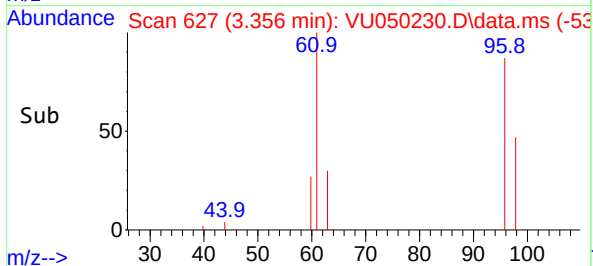
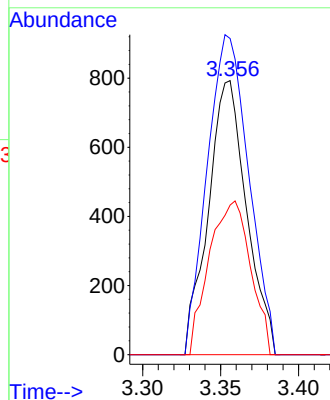


#18
trans-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

Instrument :
MSVOA_U
ClientSampleId :

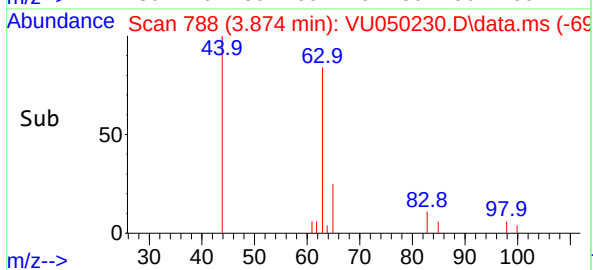
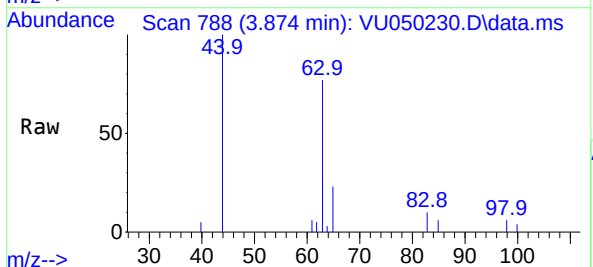
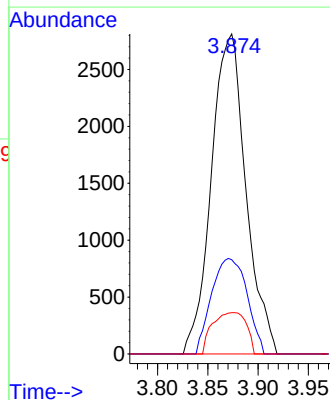


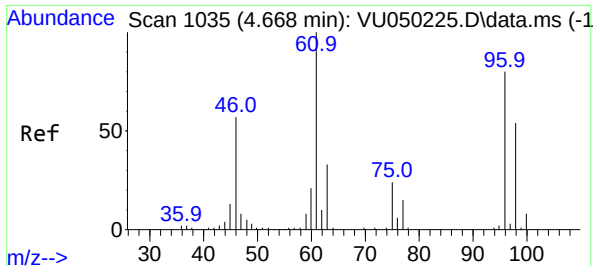
Tgt Ion: 96 Resp: 1356
Ion Ratio Lower Upper
96 100
61 115.4 92.3 171.5
98 54.6 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.510 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

Tgt Ion: 63 Resp: 6724
Ion Ratio Lower Upper
63 100
65 28.2 22.7 42.3
83 12.4 9.8 18.2

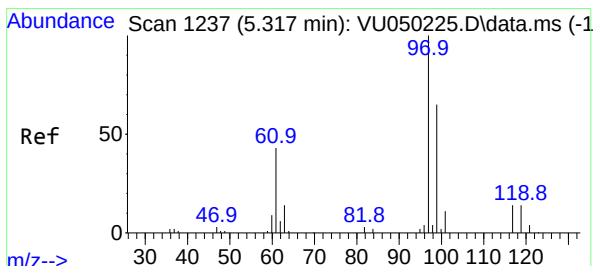
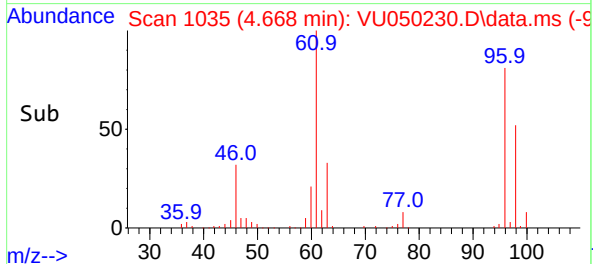
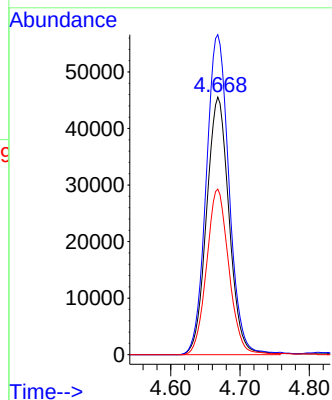
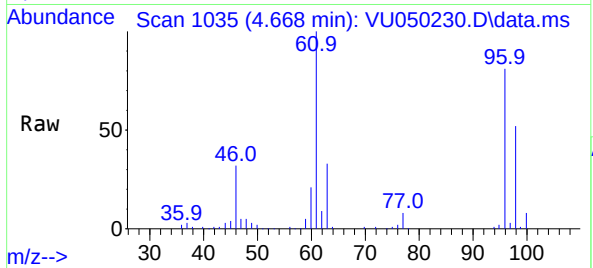




#22
cis-1,2-Dichloroethene
Concen: 13.302 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

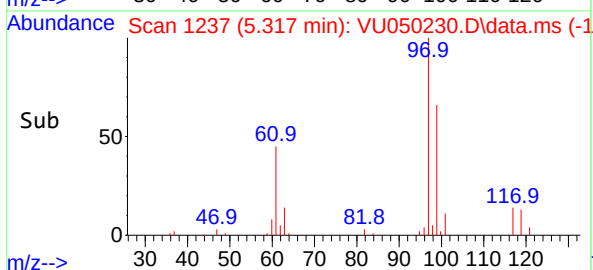
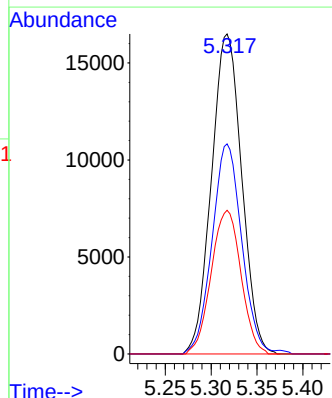
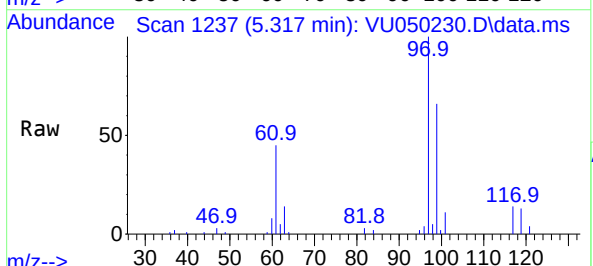
Instrument :
MSVOA_U
ClientSampleId :

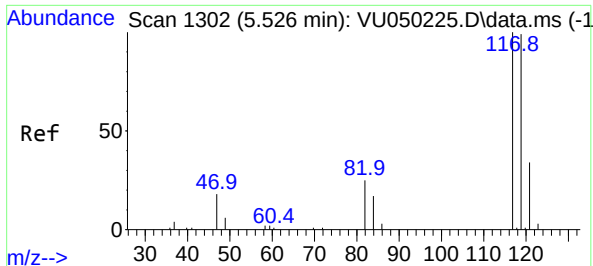
Tgt Ion: 96 Resp: 102740
Ion Ratio Lower Upper
96 100
61 124.2 89.0 165.4
98 64.3 45.2 84.0



#29
1,1,1-Trichloroethane
Concen: 3.485 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

Tgt Ion: 97 Resp: 37852
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 44.2 34.2 51.4

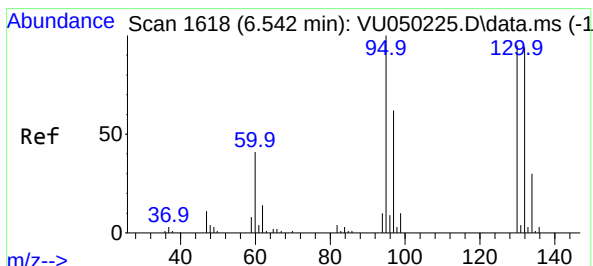
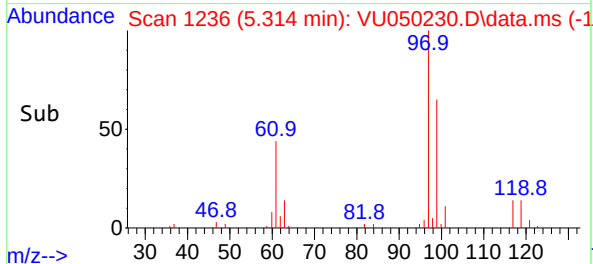
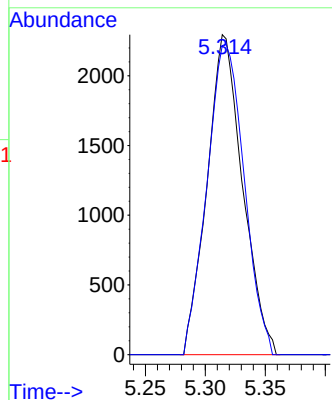
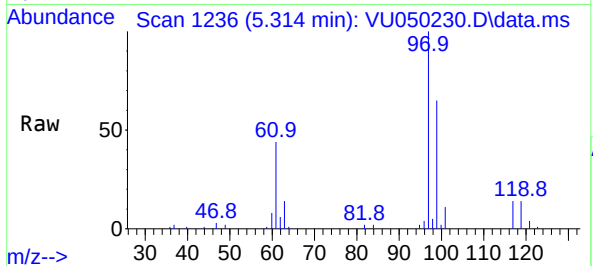




#31
Carbon tetrachloride
Concen: 0.531 ug/L
RT: 5.314 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

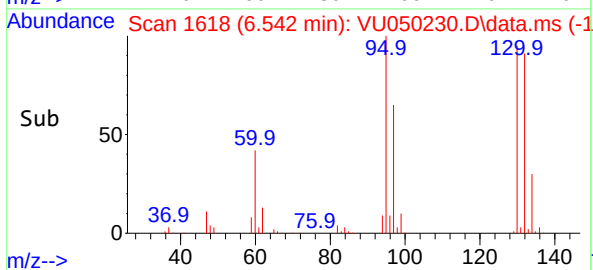
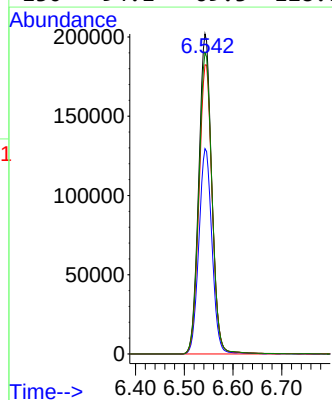
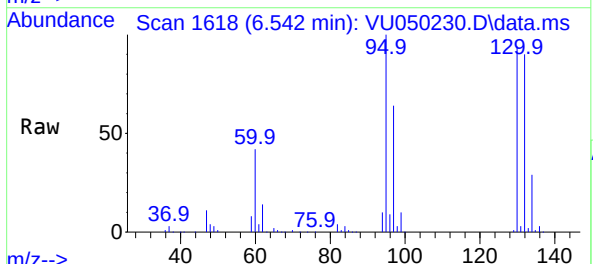
Instrument :
MSVOA_U
ClientSampleId :

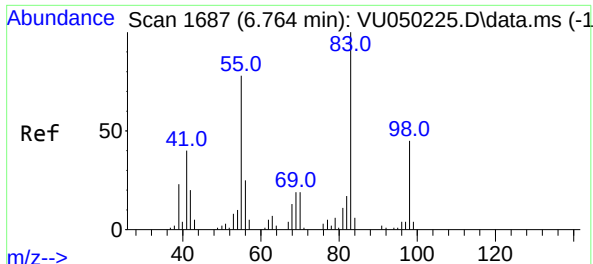
Tgt Ion:117 Resp: 4732
Ion Ratio Lower Upper
117 100
119 101.6 76.0 114.0



#34
Trichloroethene
Concen: 50.049 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

Tgt Ion: 95 Resp: 375482
Ion Ratio Lower Upper
95 100
97 64.2 45.6 84.8
132 90.4 65.0 120.6
130 94.1 69.3 128.7





#35

Methylcyclohexane

Concen: 1.155 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050230.D

Acq: 11 Aug 2022 15:05

Instrument :

MSVOA_U

ClientSampleId :

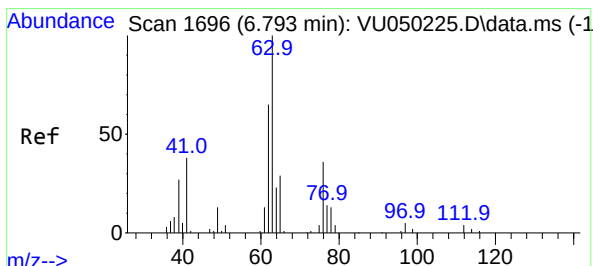
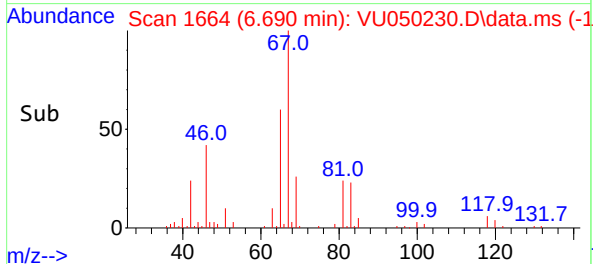
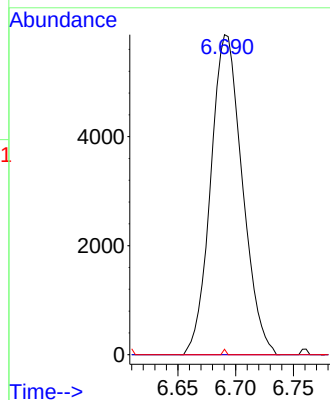
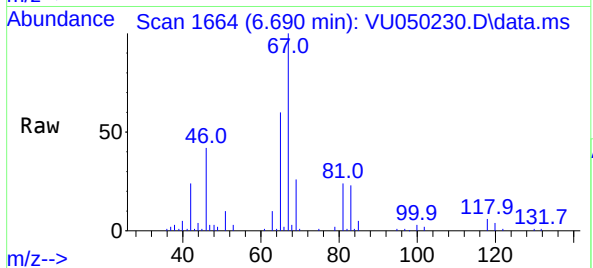
Tgt Ion: 83 Resp: 11189

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050230.D

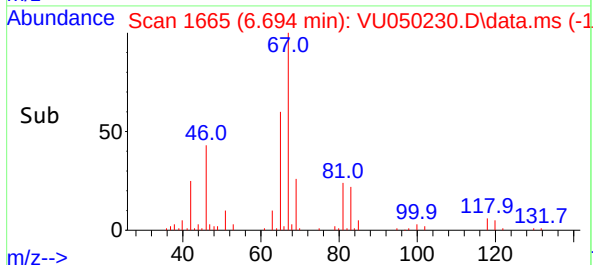
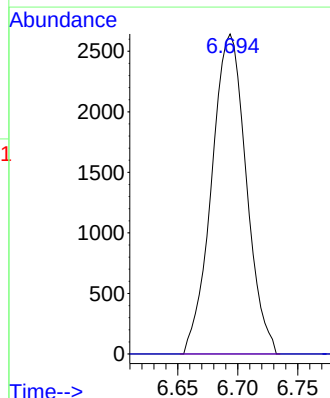
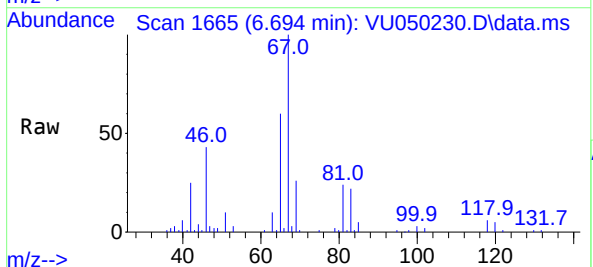
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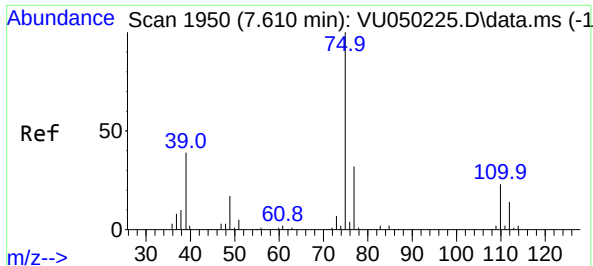
Tgt Ion: 63 Resp: 5305

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

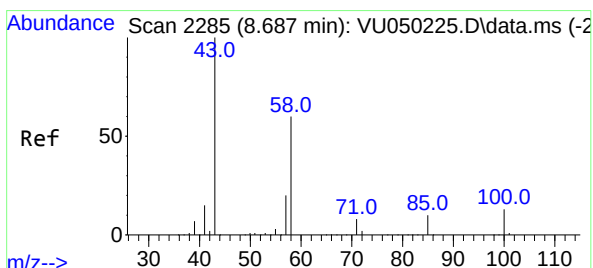
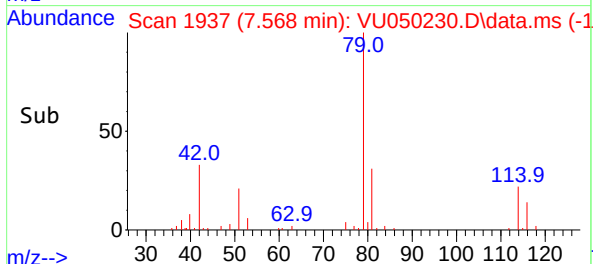
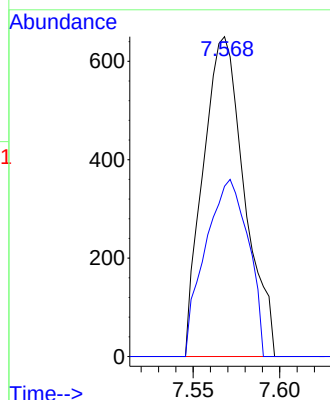
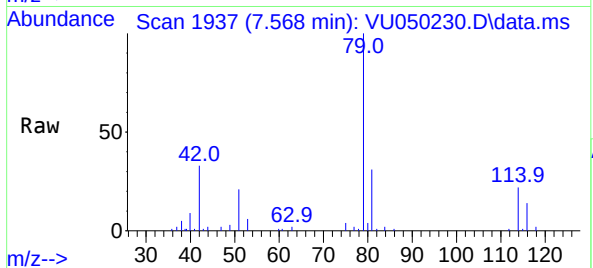




#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.568 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

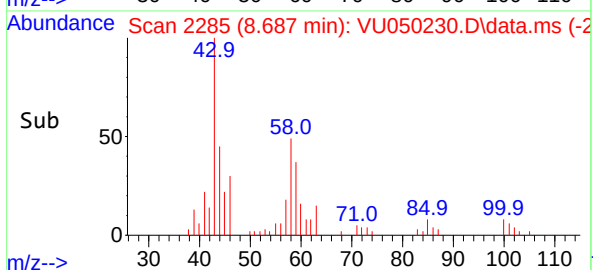
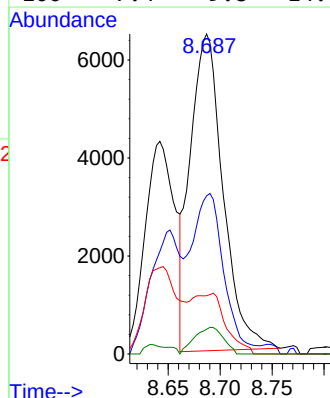
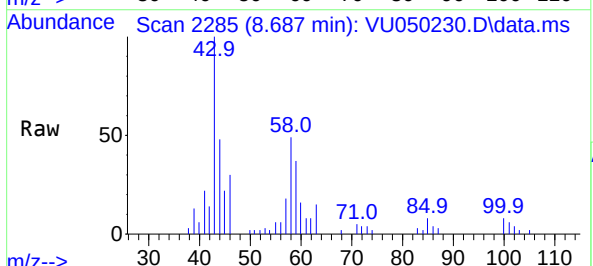
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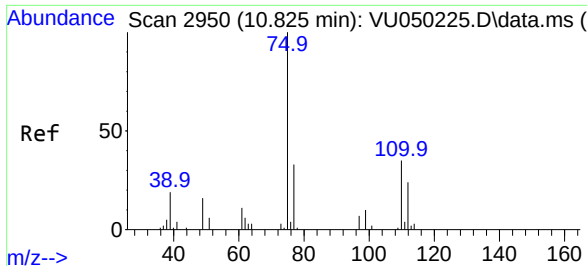
Tgt Ion: 75 Resp: 1076
Ion Ratio Lower Upper
75 100
77 53.2 21.8 40.4#



#48
2-Hexanone
Concen: 3.841 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050230.D
Acq: 11 Aug 2022 15:05

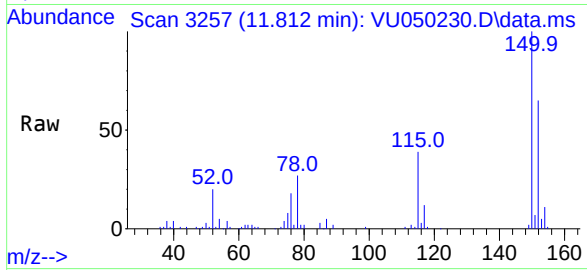
Tgt Ion: 43 Resp: 14219
Ion Ratio Lower Upper
43 100
58 46.9 50.6 76.0#
57 18.2 16.0 24.0
100 7.4 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.848 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050230.D
 Acq: 11 Aug 2022 15:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4011
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 27.6 25.8 38.6

