

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050248.D
 Acq On : 11 Aug 2022 23:43
 Operator : SY/MD
 Sample : N4160-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

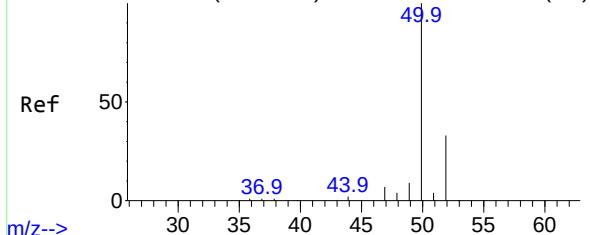
Quant Time: Aug 12 05:01:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 04:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	92743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35071	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40999	5.388	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.800%	
7) Chloroethane-d5	1.909	69	32893	5.357	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14399	4.841	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.800%	
20) 2-Butanone-d5	4.626	46	97128	52.339	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.680%	
24) Chloroform-d	5.063	84	70561	4.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.703	65	37469	5.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.729	84	137373	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	6.690	67	47087	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.899	98	106526	4.167	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	8.179	79	14265	4.177	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.636	63	54299	44.834	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39672	4.740	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34298	4.991	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1396	0.127	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	317	0.053	ug/L #	22
13) Acetone	2.636	43	4442	4.298	ug/L	94
19) 1,1-Dichloroethane	3.867	63	1289	0.096	ug/L #	86
22) cis-1,2-Dichloroethene	4.665	96	19759	2.515	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	2557	0.225	ug/L	96
34) Trichloroethene	6.543	95	60722	7.727	ug/L	98
35) Methylcyclohexane	6.694	83	10562	1.041	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4763	0.550	ug/L #	89
48) 2-Hexanone	8.684	43	15039	3.879	ug/L #	81
61) 1,2,3-Trichloropropane	11.812	75	4519	0.946	ug/L #	66

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

Abundance Scan 55 (1.517 min): VU050242.D\data.ms (-46)



#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.520 min Scan# 50

Delta R.T. 0.003 min

Lab File: VU050248.D

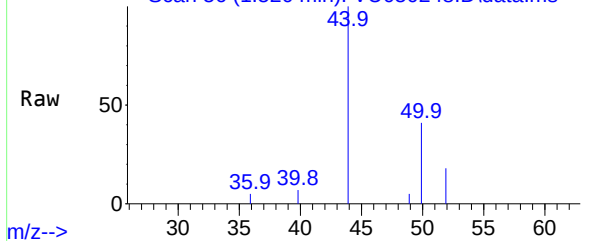
Acq: 11 Aug 2022 23:43

Instrument :

MSVOA_U

ClientSampleId :

Abundance Scan 56 (1.520 min): VU050248.D\data.ms



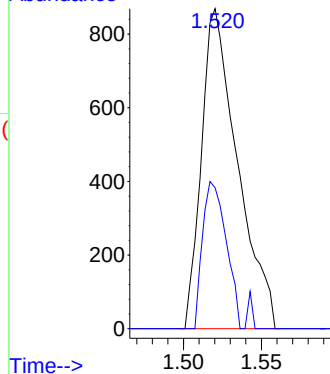
Tgt Ion: 50 Resp: 1396

Ion Ratio Lower Upper

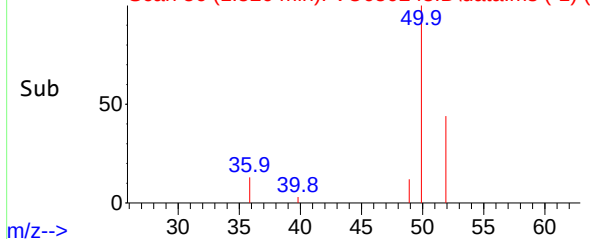
50 100

52 44.1 23.2 43.2#

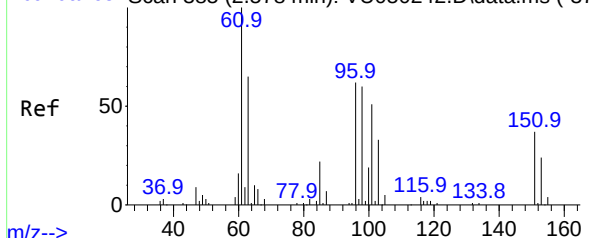
Abundance



Abundance Scan 56 (1.520 min): VU050248.D\data.ms (-1)



Abundance Scan 385 (2.578 min): VU050242.D\data.ms (-37)



#10

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

Concen: 0.053 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050248.D

Acq: 11 Aug 2022 23:43

Tgt Ion: 101 Resp: 317

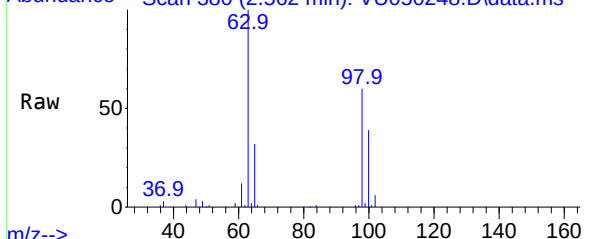
Ion Ratio Lower Upper

101 100

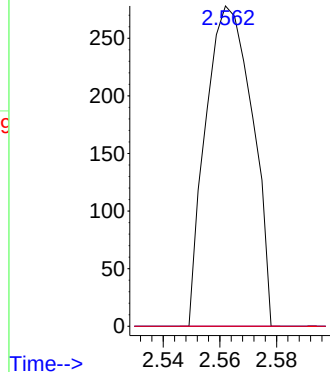
85 0.0 35.6 53.4#

151 0.0 55.2 82.8#

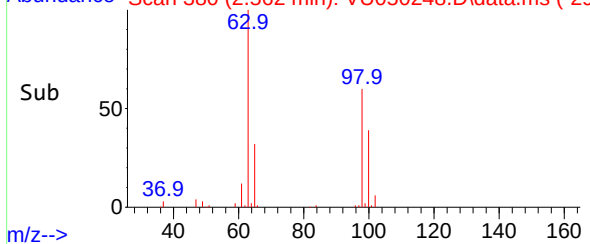
Abundance Scan 380 (2.562 min): VU050248.D\data.ms

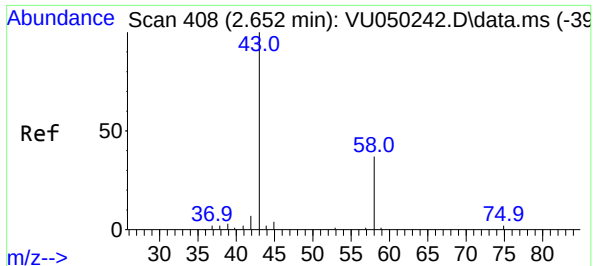


Abundance



Abundance Scan 380 (2.562 min): VU050248.D\data.ms (-29)

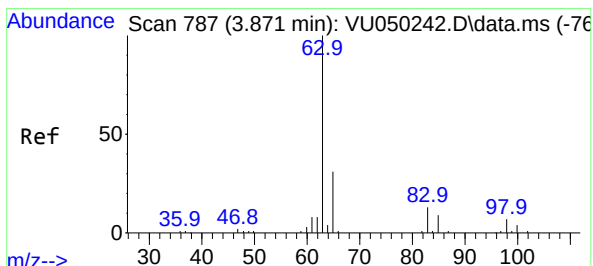
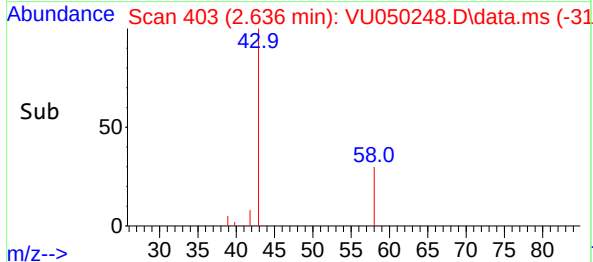
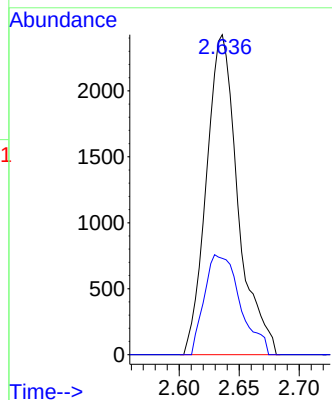
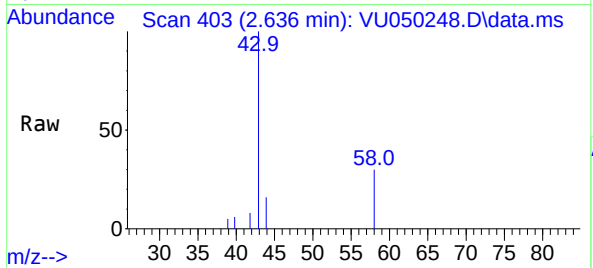




#13
Acetone
Concen: 4.298 ug/L
RT: 2.636 min Scan# 408
Delta R.T. -0.016 min
Lab File: VU050248.D
Acq: 11 Aug 2022 23:43

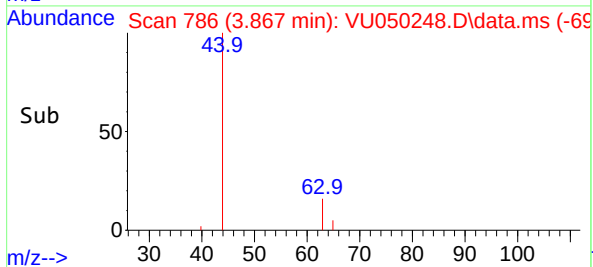
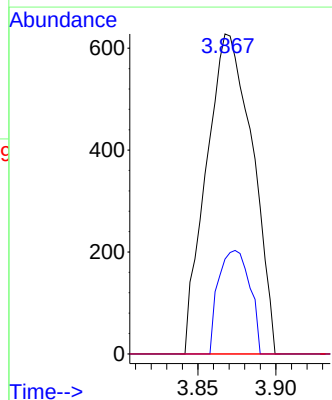
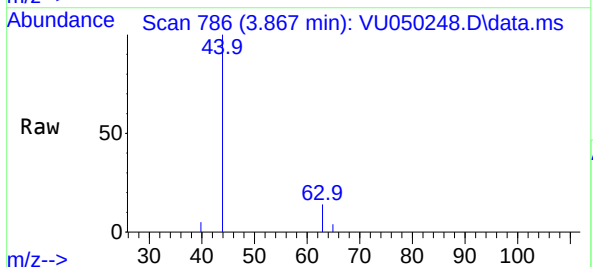
Instrument :
MSVOA_U
ClientSampleId :

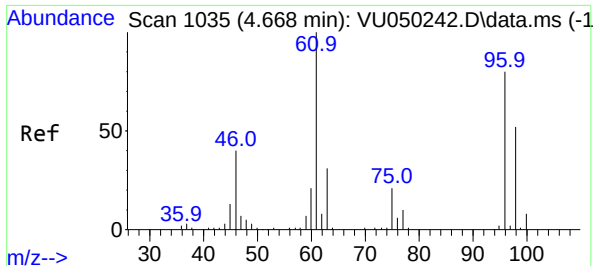
Tgt Ion: 43 Resp: 4442
Ion Ratio Lower Upper
43 100
58 35.3 0.0 64.0



#19
1,1-Dichloroethane
Concen: 0.096 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU050248.D
Acq: 11 Aug 2022 23:43

Tgt Ion: 63 Resp: 1289
Ion Ratio Lower Upper
63 100
65 29.6 22.7 42.3
83 0.0 9.8 18.2#





#22

cis-1,2-Dichloroethene

Concen: 2.515 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050248.D

Acq: 11 Aug 2022 23:43

Instrument :

MSVOA_U

ClientSampleId :

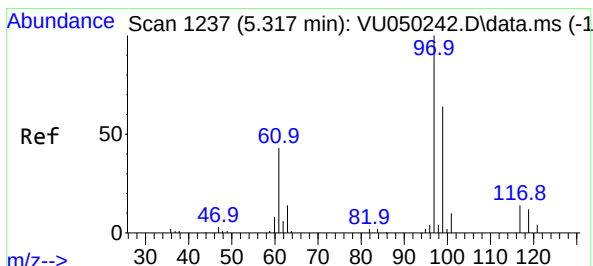
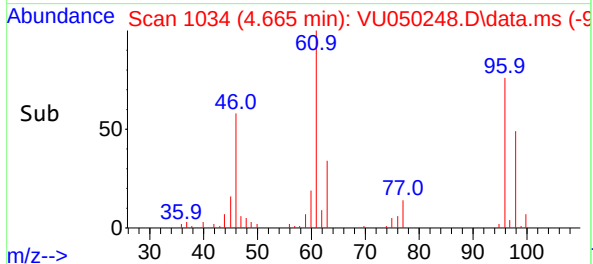
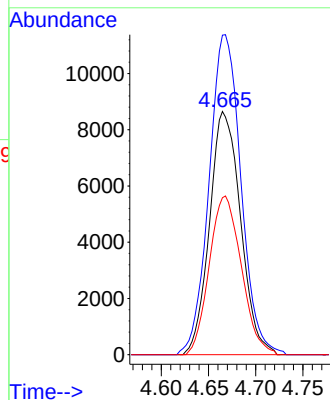
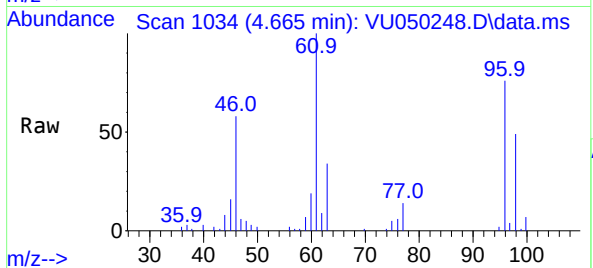
Tgt Ion: 96 Resp: 19759

Ion Ratio Lower Upper

96 100

61 131.4 89.0 165.4

98 64.5 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.225 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050248.D

Acq: 11 Aug 2022 23:43

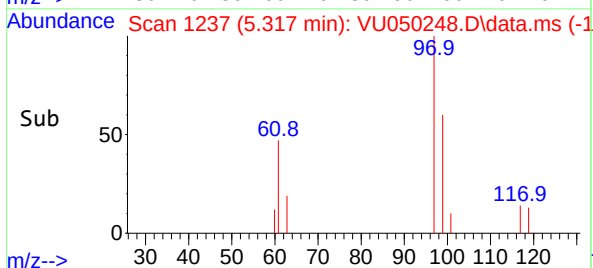
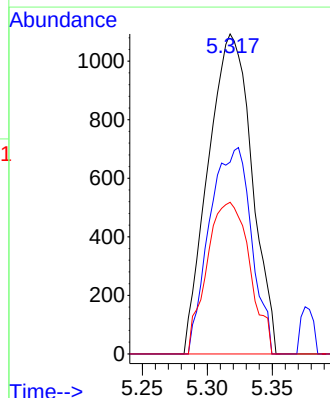
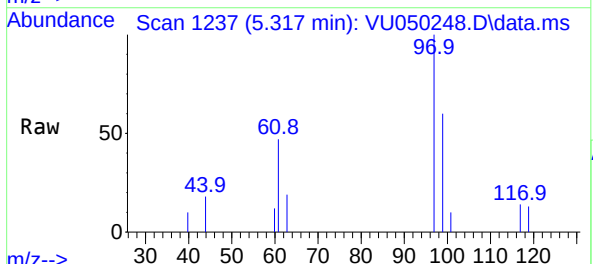
Tgt Ion: 97 Resp: 2557

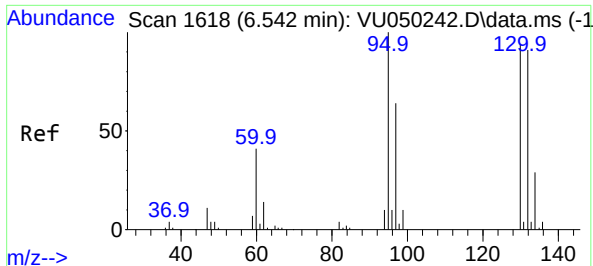
Ion Ratio Lower Upper

97 100

99 61.8 51.5 77.3

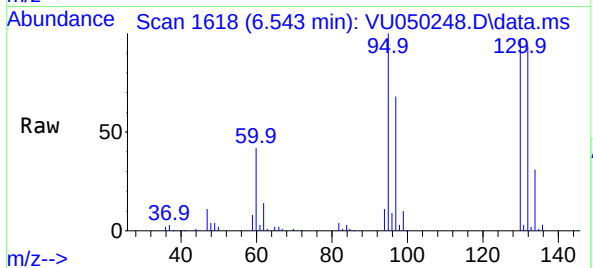
61 46.5 34.2 51.4



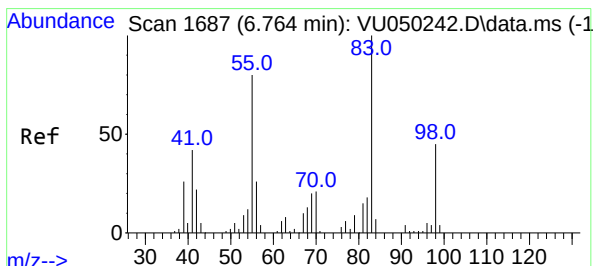
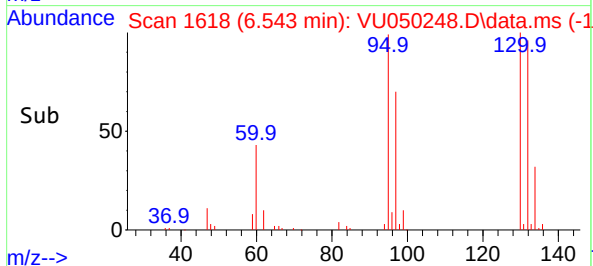
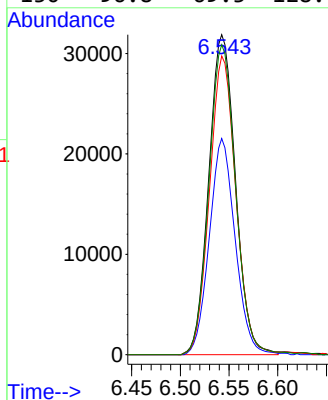


#34
Trichloroethene
Concen: 7.727 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050248.D
Acq: 11 Aug 2022 23:43

Instrument :
MSVOA_U
ClientSampleId :

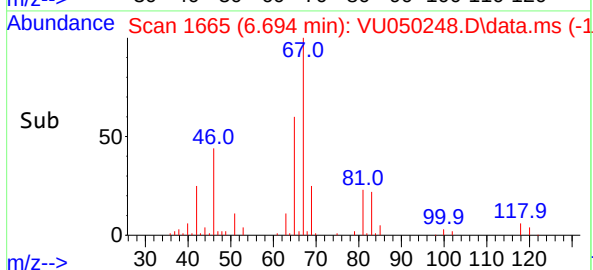
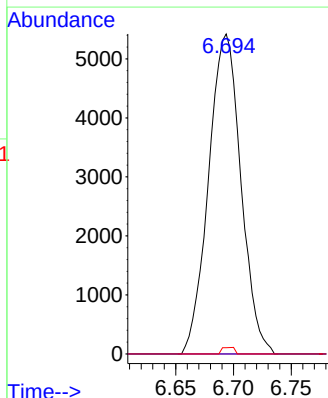
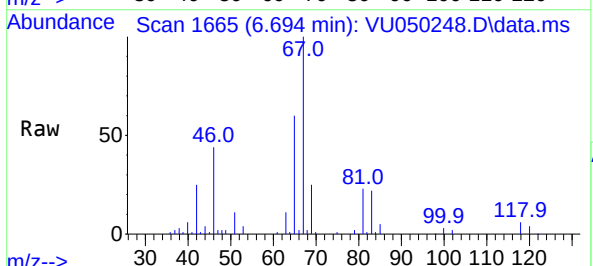


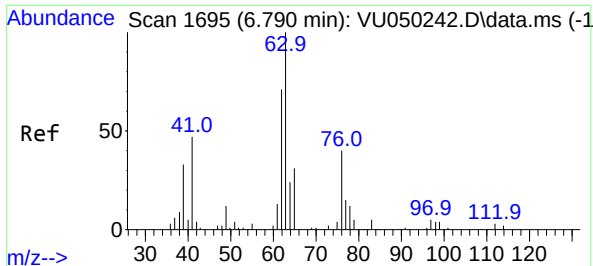
Tgt Ion: 95 Resp: 60722
Ion Ratio Lower Upper
95 100
97 67.6 45.6 84.8
132 93.4 65.0 120.6
130 96.8 69.3 128.7



#35
Methylcyclohexane
Concen: 1.041 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050248.D
Acq: 11 Aug 2022 23:43

Tgt Ion: 83 Resp: 10562
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#

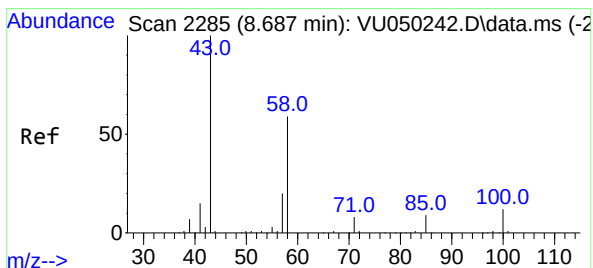
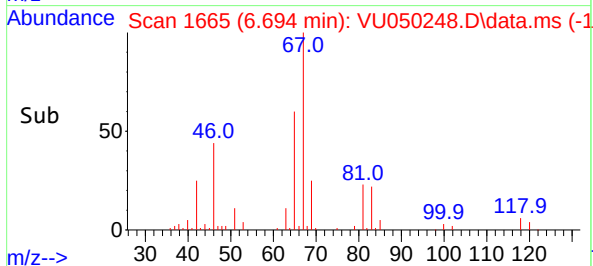
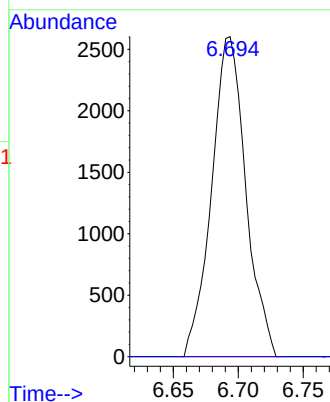
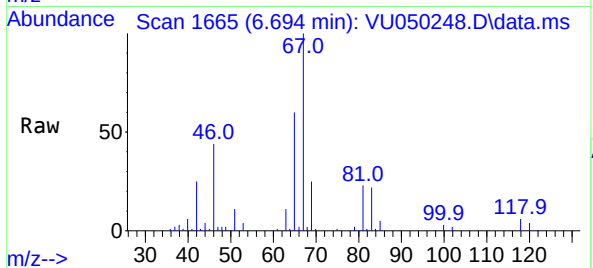




#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.694 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU050248.D
Acq: 11 Aug 2022 23:43

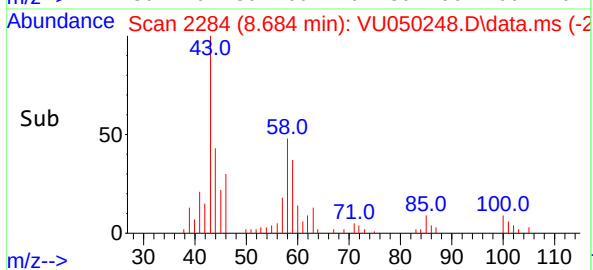
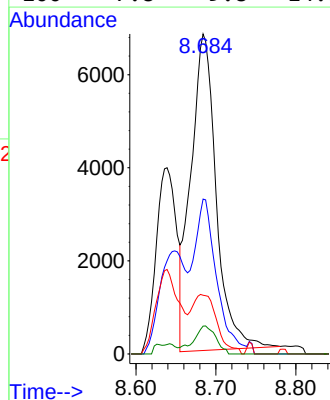
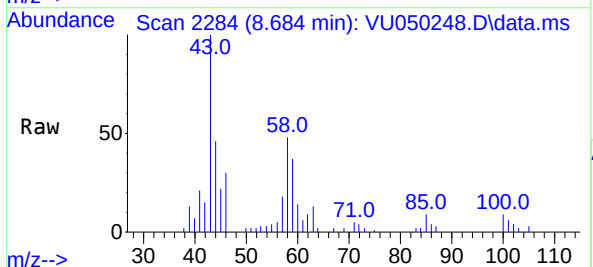
Instrument :
MSVOA_U
ClientSampleId :

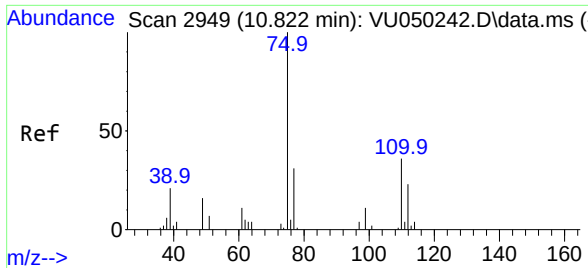
Tgt Ion: 63 Resp: 4763
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 3.879 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050248.D
Acq: 11 Aug 2022 23:43

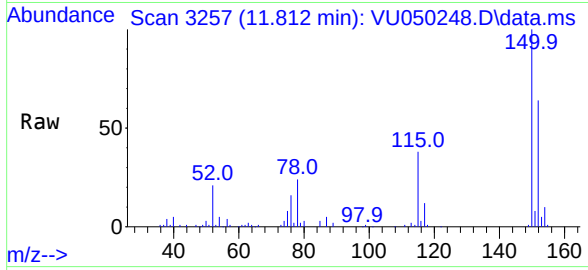
Tgt Ion: 43 Resp: 15039
Ion Ratio Lower Upper
43 100
58 43.8 50.6 76.0#
57 18.5 16.0 24.0
100 7.8 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.946 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050248.D
 Acq: 11 Aug 2022 23:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	4519
Ion	Ratio	Lower Upper
75	100	
110	0.0	28.5 42.7#
77	29.3	25.8 38.6

