

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050259.D
 Acq On : 12 Aug 2022 04:13
 Operator : SY/MD
 Sample : N4161-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 05:04:23 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)

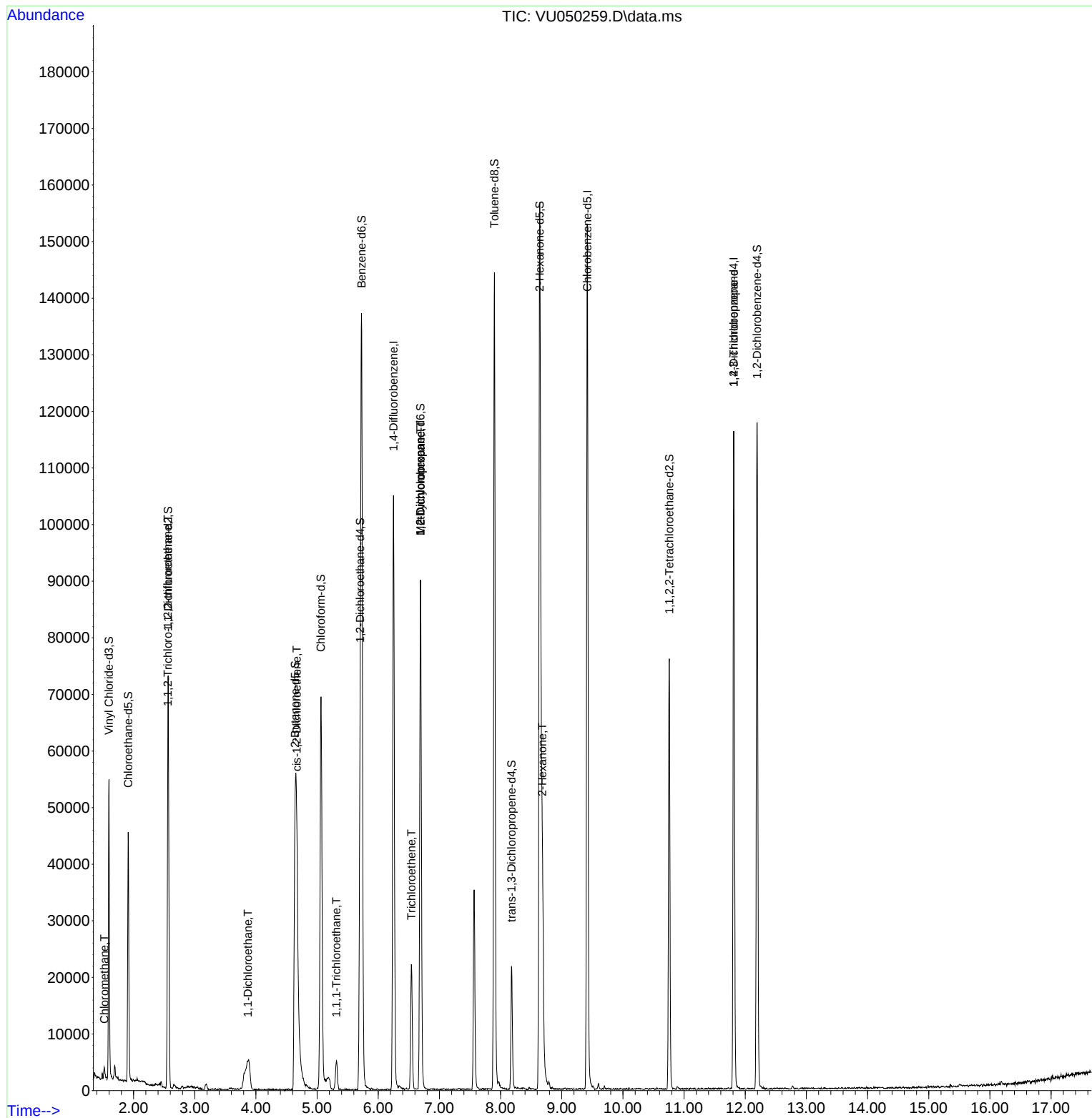
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38348	5.394	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.800%	
7) Chloroethane-d5	1.912	69	32389	5.647	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.000%	
11) 1,1-Dichloroethene-d2	2.565	65	13971	5.028	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.600%	
20) 2-Butanone-d5	4.642	46	98645	56.900	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.800%	
24) Chloroform-d	5.063	84	67162	5.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.703	65	35550	5.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.729	84	130293	4.688	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.690	67	45175	4.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.899	98	100591	4.098	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	8.179	79	12999	3.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.639	63	48447	41.653	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.300%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39221	4.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33828	5.203	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
3) Chloromethane	1.523	50	2049	0.200	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	265	0.047	ug/L #	22
19) 1,1-Dichloroethane	3.867	63	1182	0.094	ug/L #	79
22) cis-1,2-Dichloroethene	4.668	96	9332	1.272	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	4163	0.381	ug/L	98
34) Trichloroethene	6.542	95	7797	1.033	ug/L	98
35) Methylcyclohexane	6.690	83	10212	1.048	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4648	0.559	ug/L #	89
48) 2-Hexanone	8.684	43	20237	5.435	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	3706	0.820	ug/L #	65

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

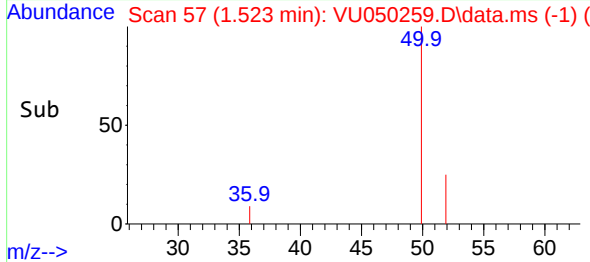
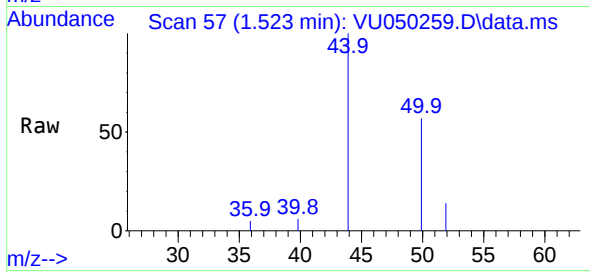
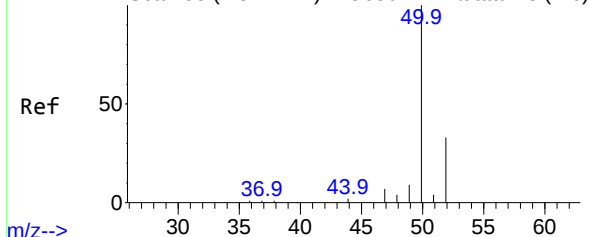
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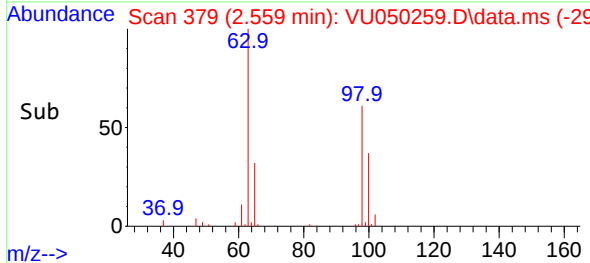
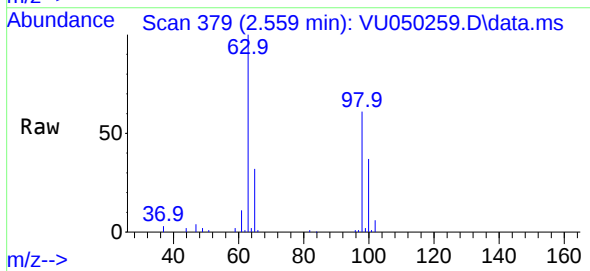
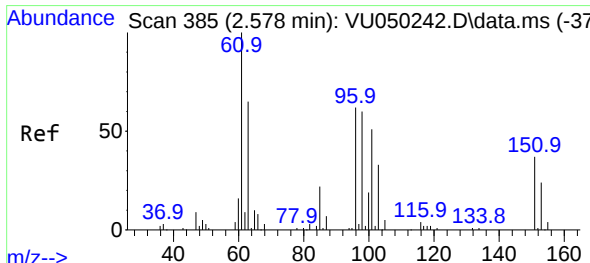
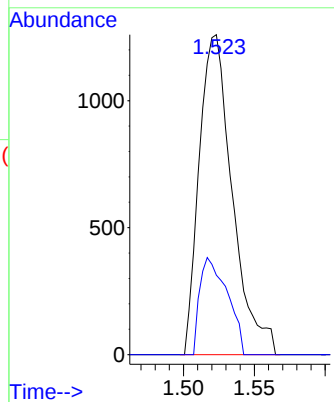
Abundance Scan 55 (1.517 min): VU050242.D\data.ms (-46)



#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

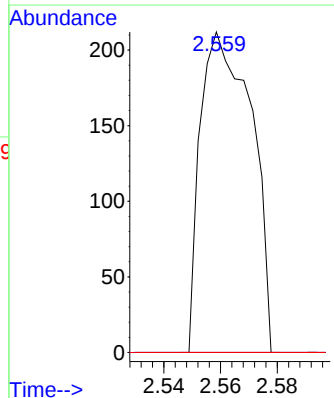
Instrument :
MSVOA_U
ClientSampleId :

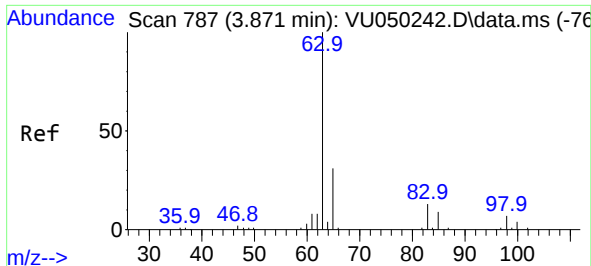
Tgt Ion: 50 Resp: 2049
Ion Ratio Lower Upper
50 100
52 24.8 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.019 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

Tgt Ion: 101 Resp: 265
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

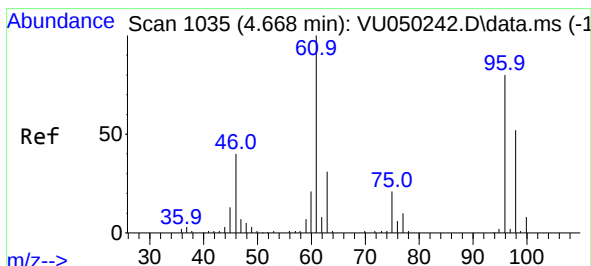
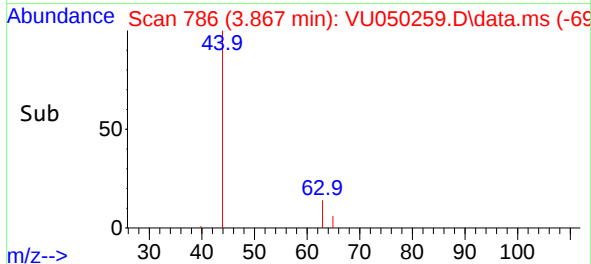
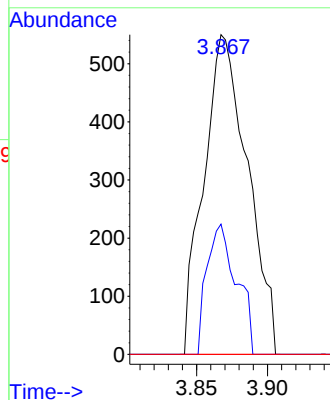
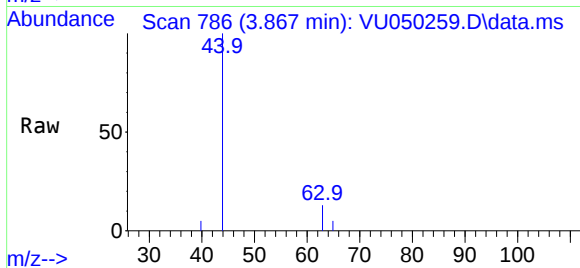




#19
1,1-Dichloroethane
Concen: 0.094 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

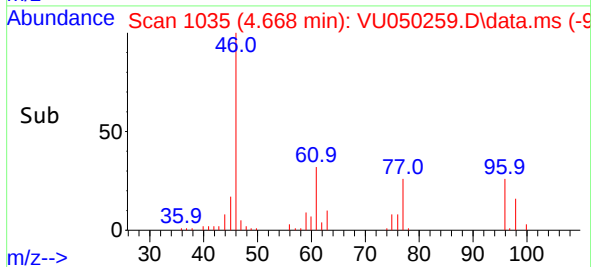
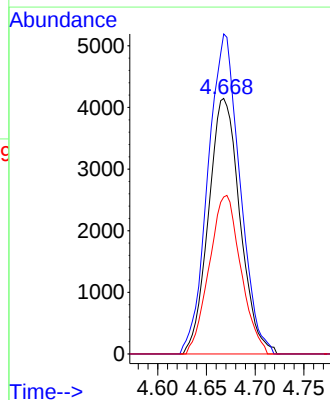
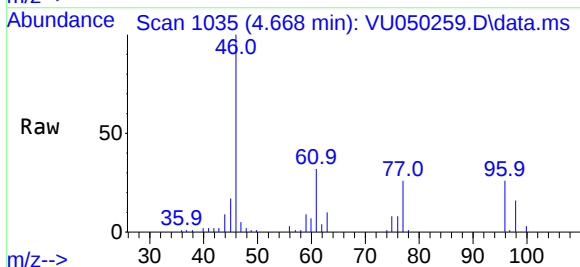
Instrument :
MSVOA_U
ClientSampleId :

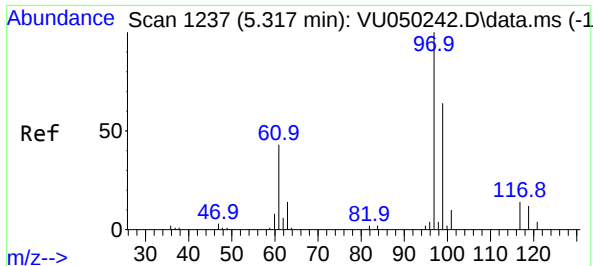
Tgt Ion: 63 Resp: 1182
Ion Ratio Lower Upper
63 100
65 40.7 22.7 42.3
83 0.0 9.8 18.2#



#22
cis-1,2-Dichloroethene
Concen: 1.272 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

Tgt Ion: 96 Resp: 9332
Ion Ratio Lower Upper
96 100
61 125.3 89.0 165.4
98 61.4 45.2 84.0

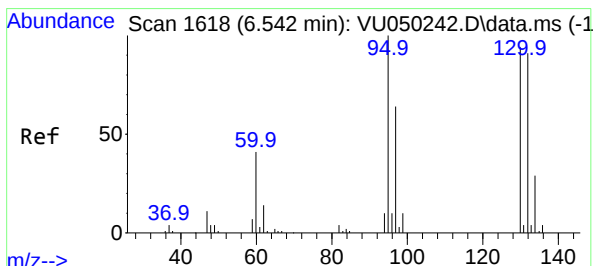
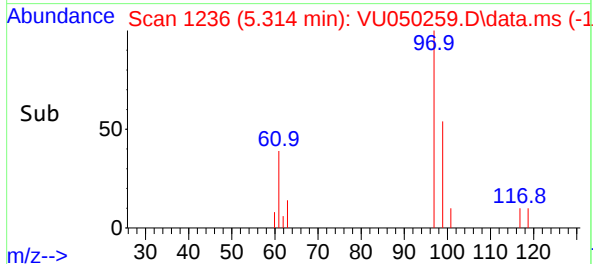
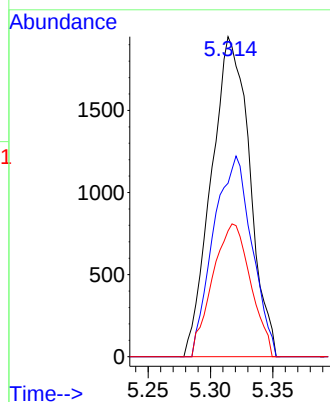
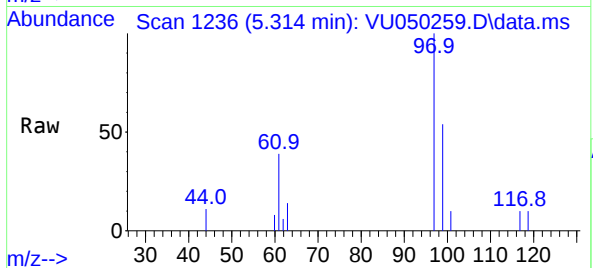




#29
1,1,1-Trichloroethane
Concen: 0.381 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

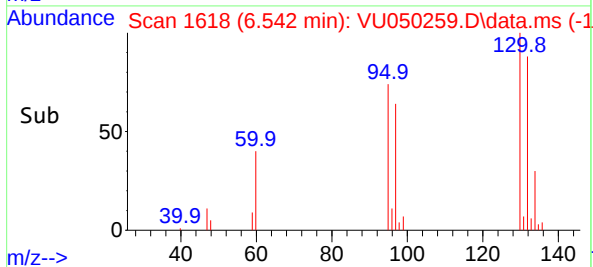
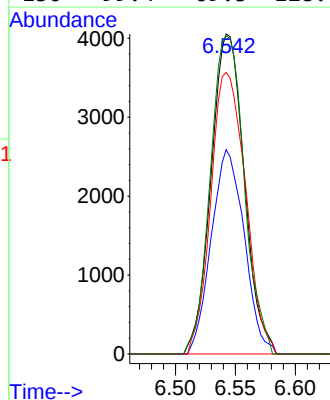
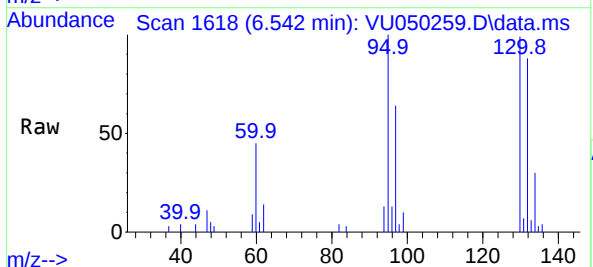
Instrument :
MSVOA_U
ClientSampleId :

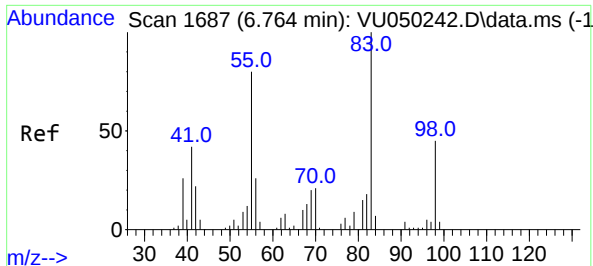
Tgt Ion: 97 Resp: 4163
Ion Ratio Lower Upper
97 100
99 62.8 51.5 77.3
61 41.2 34.2 51.4



#34
Trichloroethene
Concen: 1.033 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

Tgt Ion: 95 Resp: 7797
Ion Ratio Lower Upper
95 100
97 63.8 45.6 84.8
132 88.0 65.0 120.6
130 99.4 69.3 128.7





#35

Methylcyclohexane

Concen: 1.048 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050259.D

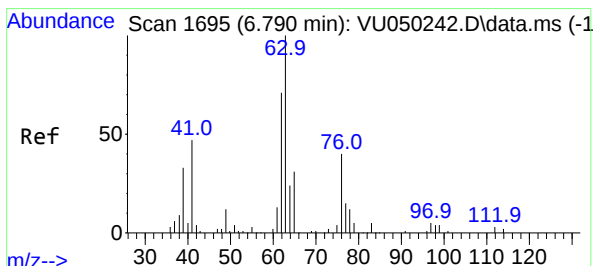
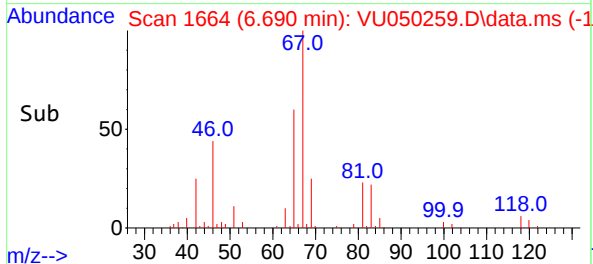
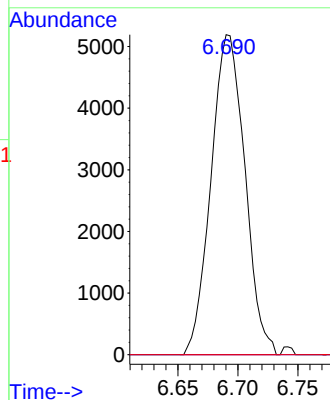
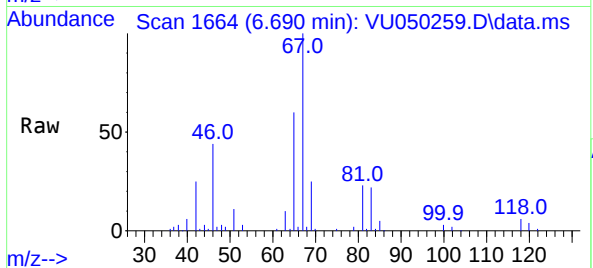
Acq: 12 Aug 2022 04:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	10212
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.6	36.2	54.2#



#37

1,2-Dichloropropane

Concen: 0.559 ug/L

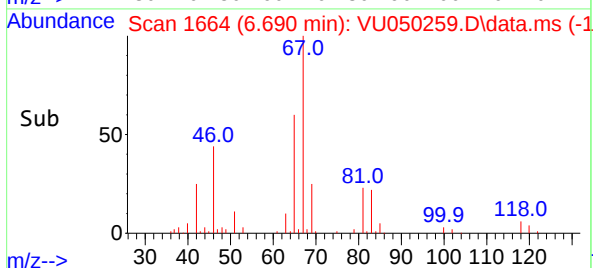
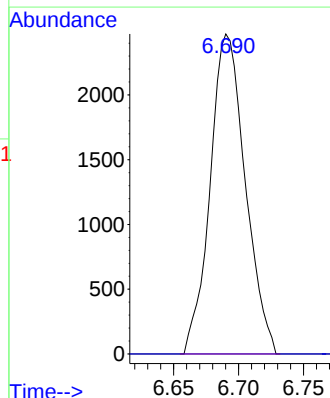
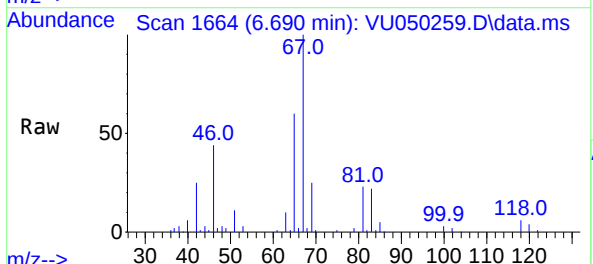
RT: 6.690 min Scan# 1664

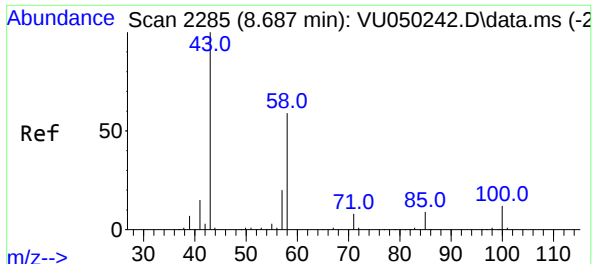
Delta R.T. -0.100 min

Lab File: VU050259.D

Acq: 12 Aug 2022 04:13

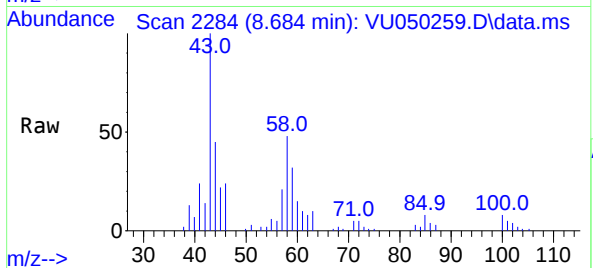
Tgt Ion:	63	Resp:	4648
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



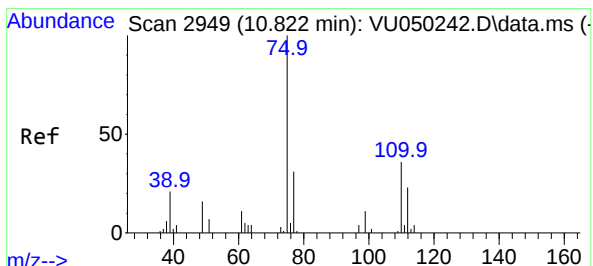
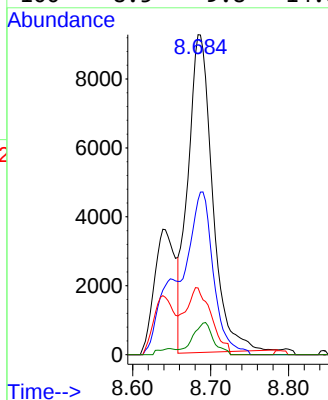
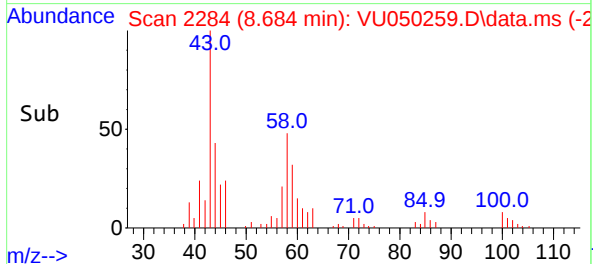


#48
2-Hexanone
Concen: 5.435 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13

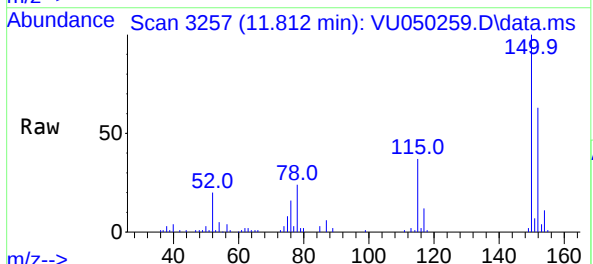
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 20237
Ion Ratio Lower Upper
43 100
58 51.5 50.6 76.0
57 21.3 16.0 24.0
100 8.5 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 0.820 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050259.D
Acq: 12 Aug 2022 04:13



Tgt Ion: 75 Resp: 3706
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 35.5 25.8 38.6

