

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049145.D
 Acq On : 15 Jun 2022 04:02
 Operator : SY/MD
 Sample : N3274-11 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BA1

Quant Time: Jun 15 07:24:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

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

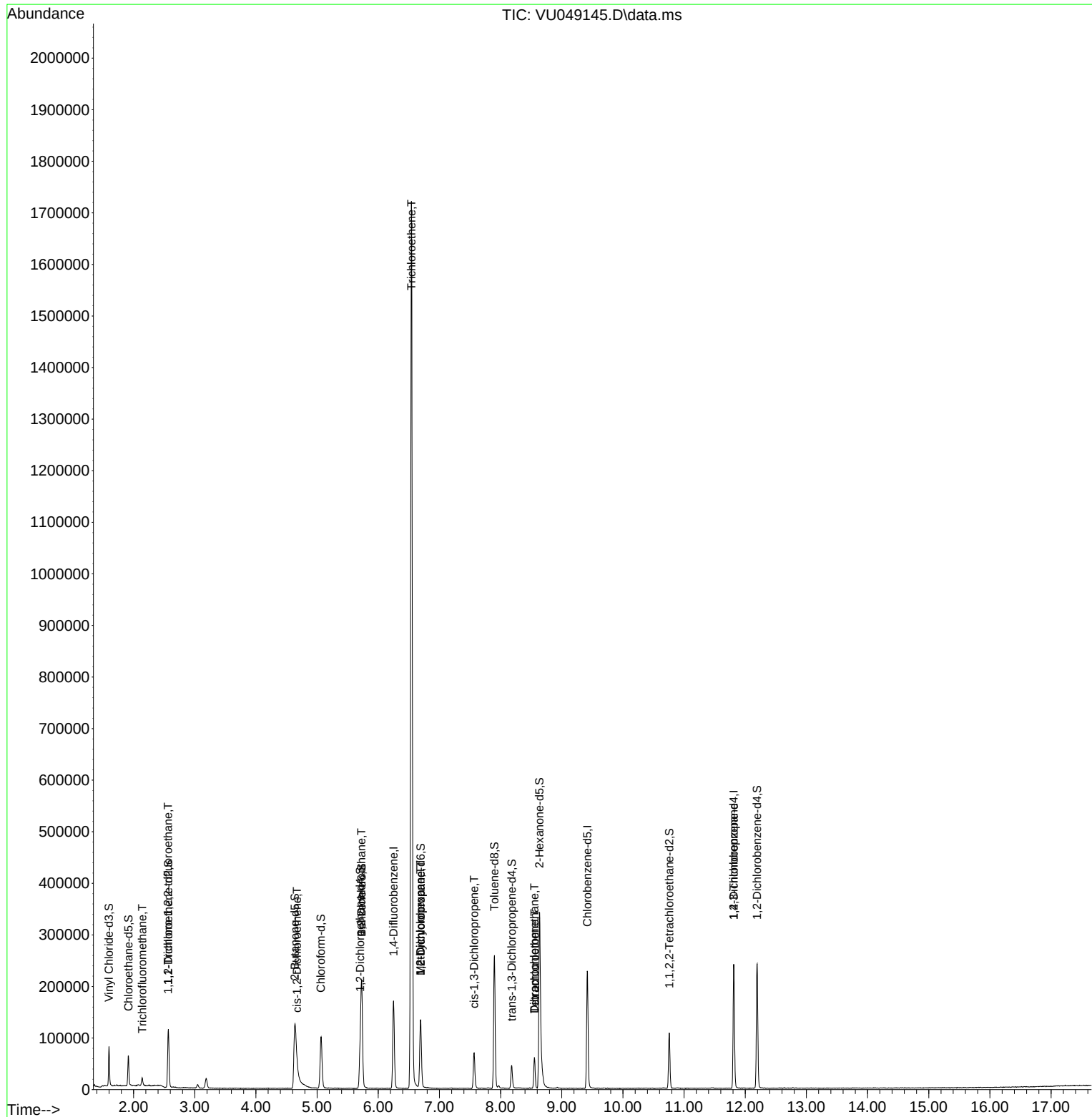
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	133901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	123783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61152	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54348	4.645	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.916	69	40122	5.065	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.568	65	21737	4.619	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.636	46	181229	58.012	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.020%	
24) Chloroform-d	5.063	84	93569	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.703	65	54488	5.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.729	84	189061	5.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.694	67	65122	5.145	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.899	98	168115	5.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	8.182	79	26021	4.628	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.636	63	123347	54.382	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.760%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55007	5.428	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	62214	5.302	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.000%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	9192	0.704	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	478	0.062	ug/L #	21
22) cis-1,2-Dichloroethene	4.671	96	636	0.068	ug/L #	71
27) 1,2-Dichloroethane	5.726	62	1016	0.093	ug/L #	74
34) Trichloroethene	6.542	95	594404	63.133	ug/L	99
35) Methylcyclohexane	6.690	83	14342	0.908	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6584	0.651	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1854	0.121	ug/L #	61
47) Tetrachloroethene	8.555	164	12641	1.947	ug/L	97
49) Dibromochloromethane	8.552	129	13491	1.676	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8441	1.230	ug/L #	68

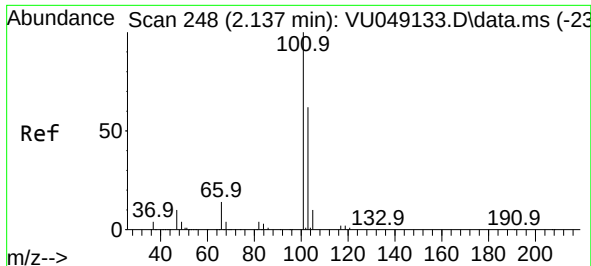
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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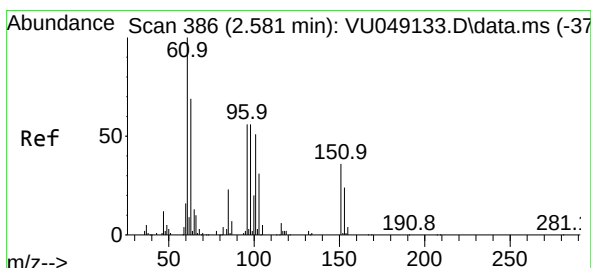
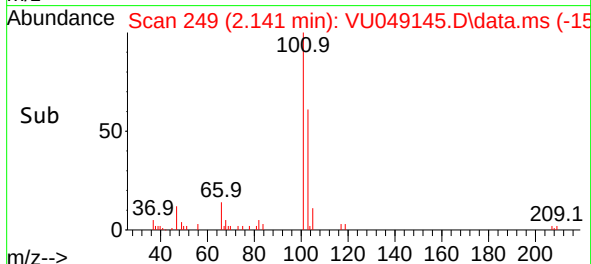
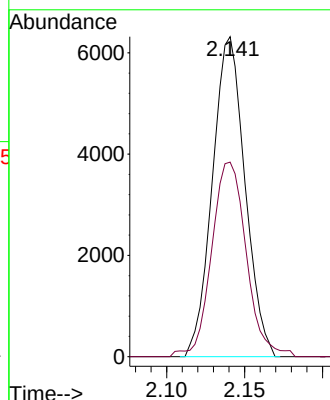
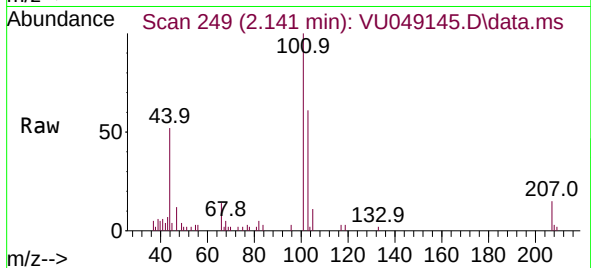




#9
 Trichlorofluoromethane
 Concen: 0.704 ug/L
 RT: 2.141 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VU049145.D
 Acq: 15 Jun 2022 04:02

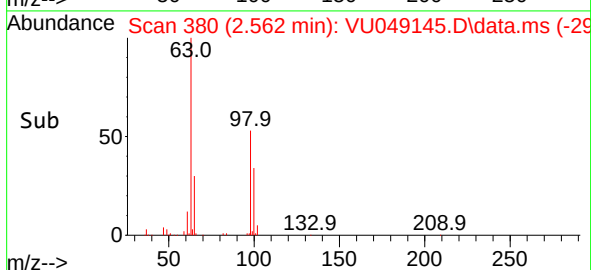
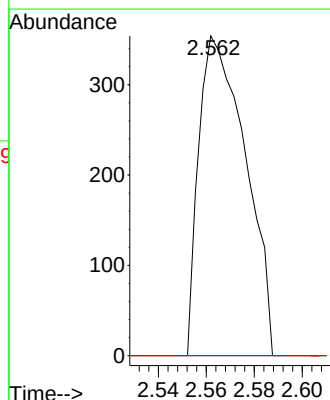
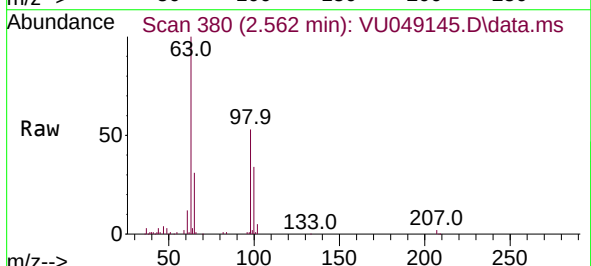
Instrument :
 MSVOA_U
 ClientSampleId :
 COBA1

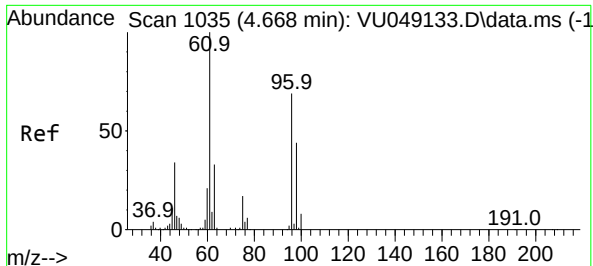
Tgt Ion:101 Resp: 9192
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.062 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU049145.D
 Acq: 15 Jun 2022 04:02

Tgt Ion:101 Resp: 478
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#





#22

cis-1,2-Dichloroethene

Concen: 0.068 ug/L

RT: 4.671 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049145.D

Acq: 15 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0BA1

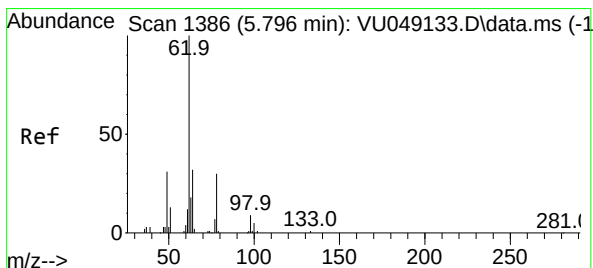
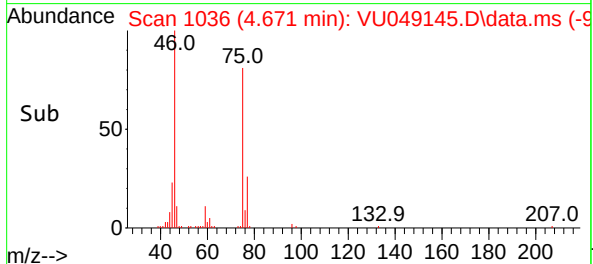
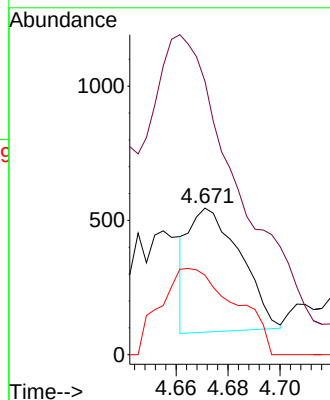
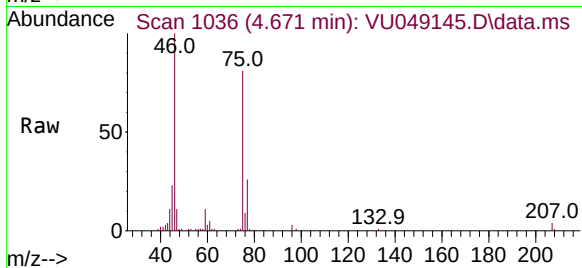
Tgt Ion: 96 Resp: 636

Ion Ratio Lower Upper

96 100

61 186.4 99.5 184.9#

98 54.2 44.8 83.2



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.071 min

Lab File: VU049145.D

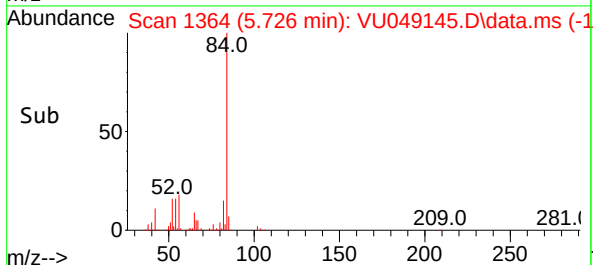
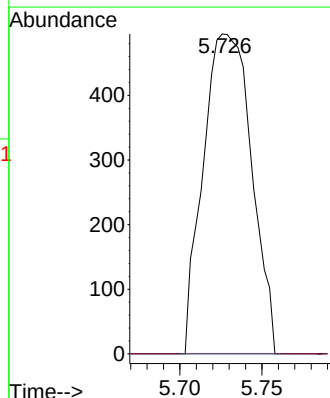
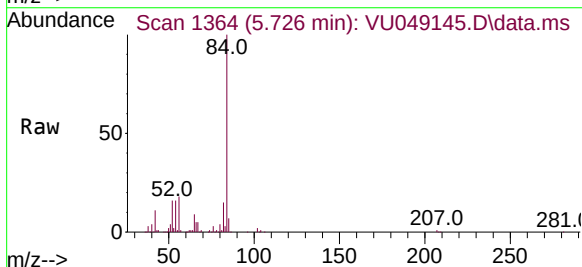
Acq: 15 Jun 2022 04:02

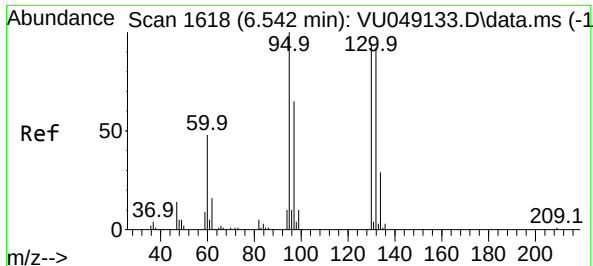
Tgt Ion: 62 Resp: 1016

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

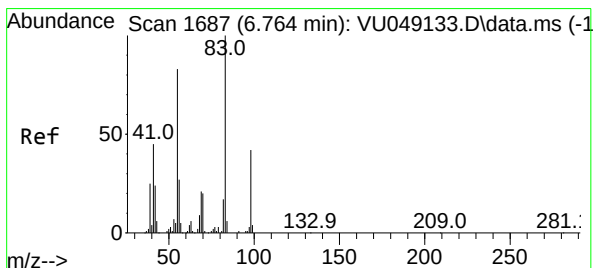
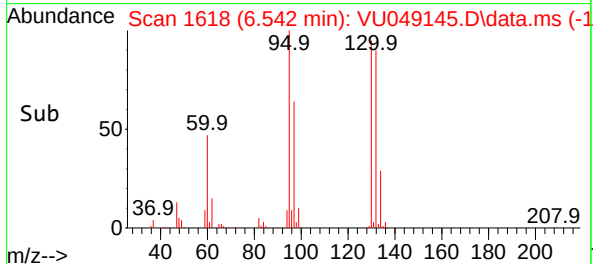
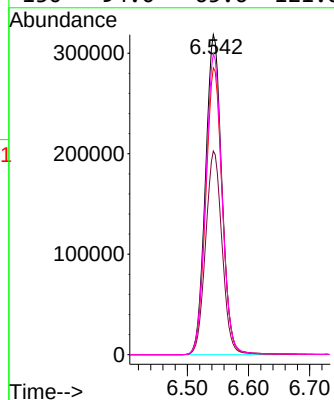
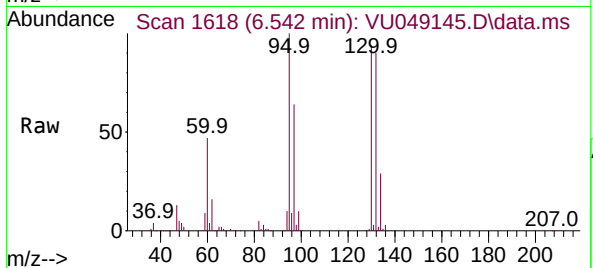




#34
Trichloroethene
Concen: 63.133 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049145.D
Acq: 15 Jun 2022 04:02

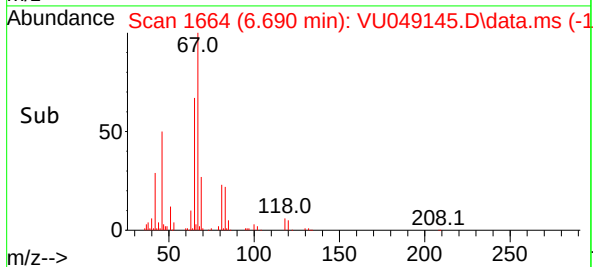
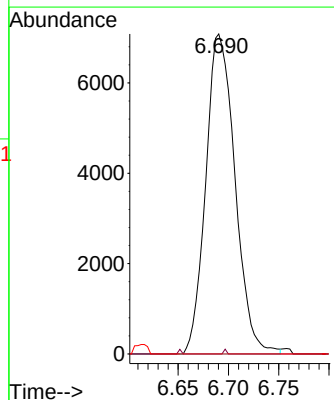
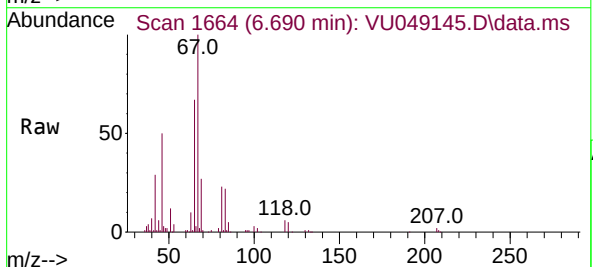
Instrument :
MSVOA_U
ClientSampleId :
C0BA1

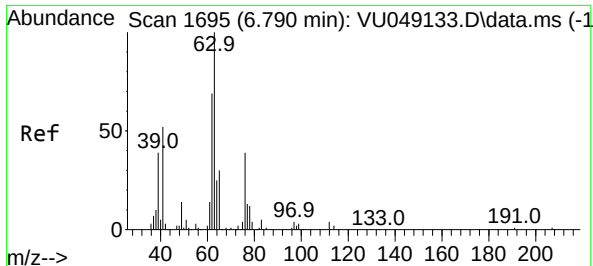
Tgt Ion: 95 Resp: 594404
Ion Ratio Lower Upper
95 100
97 63.6 45.3 84.1
132 89.7 61.5 114.3
130 94.0 65.6 121.8



#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049145.D
Acq: 15 Jun 2022 04:02

Tgt Ion: 83 Resp: 14342
Ion Ratio Lower Upper
83 100
55 0.1 66.9 100.3#
98 0.0 35.5 53.3#

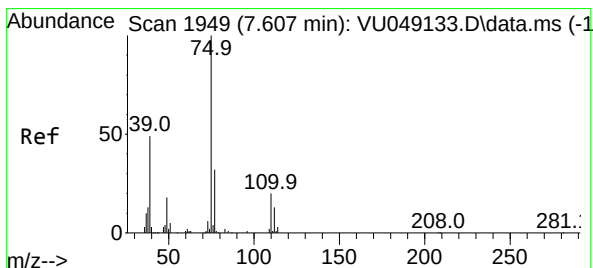
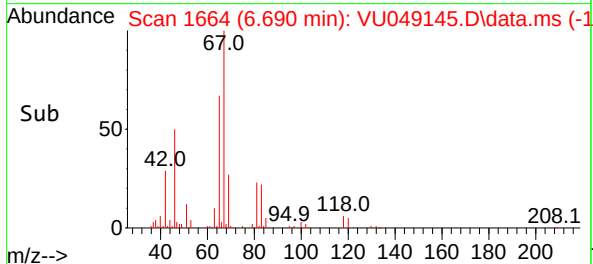
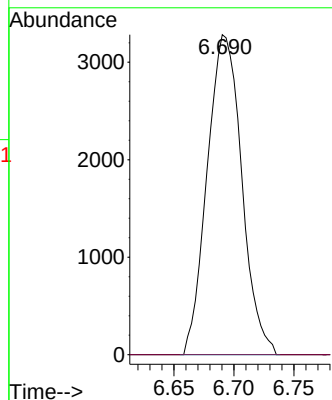
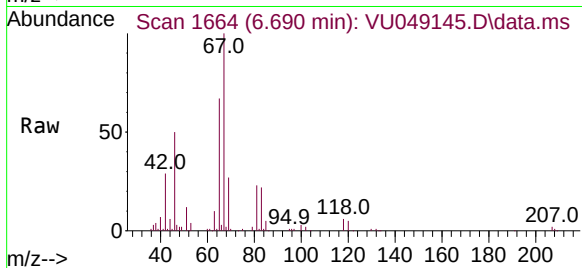




#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU049145.D
Acq: 15 Jun 2022 04:02

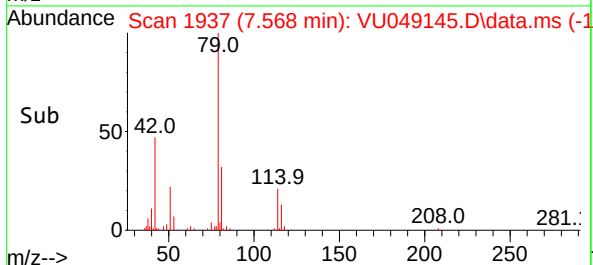
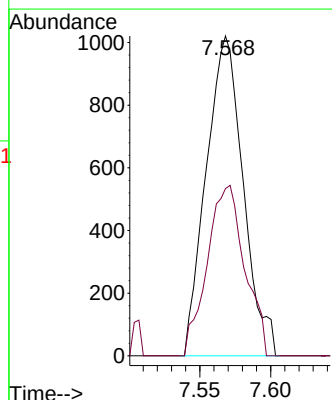
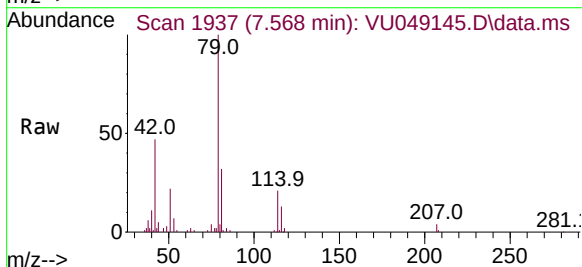
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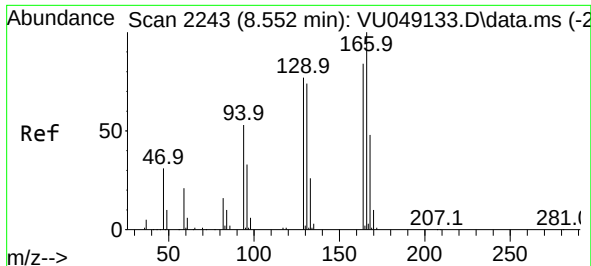
Tgt Ion: 63 Resp: 6584
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU049145.D
Acq: 15 Jun 2022 04:02

Tgt Ion: 75 Resp: 1854
Ion Ratio Lower Upper
75 100
77 52.3 21.8 40.4#





#47

Tetrachloroethene

Concen: 1.947 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049145.D

Acq: 15 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0BA1

Tgt Ion:164 Resp: 12641

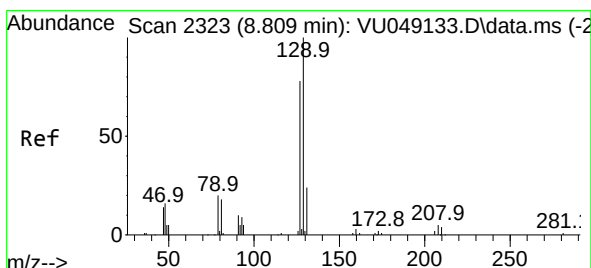
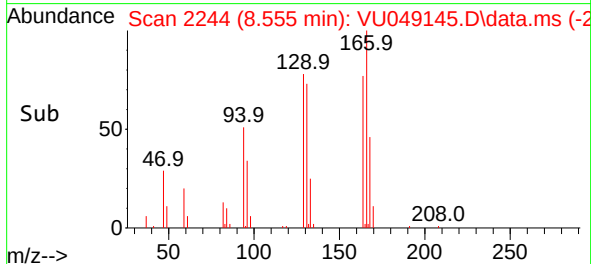
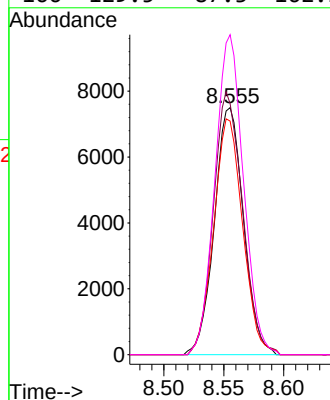
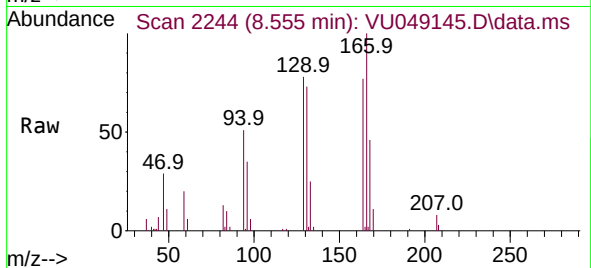
Ion Ratio Lower Upper

164 100

129 101.6 69.8 129.6

131 94.5 67.8 125.8

166 129.5 87.3 162.1



#49

Dibromochloromethane

Concen: 1.676 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU049145.D

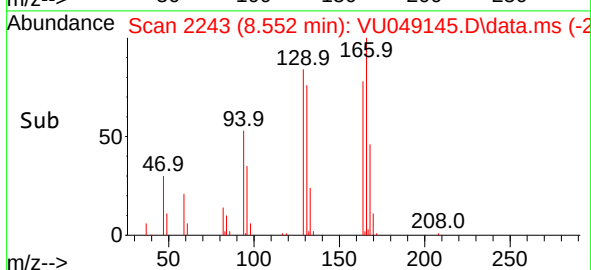
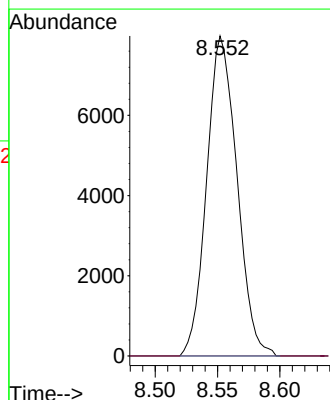
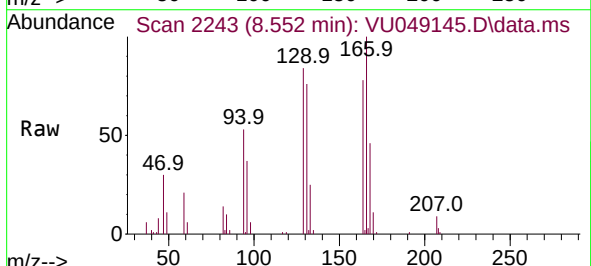
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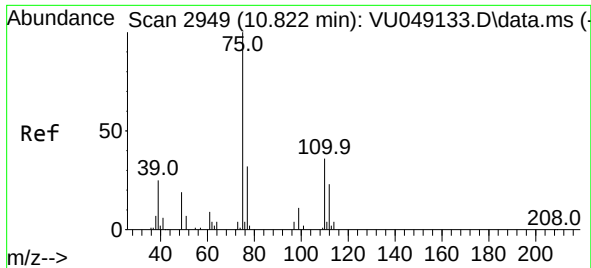
Tgt Ion:129 Resp: 13491

Ion Ratio Lower Upper

129 100

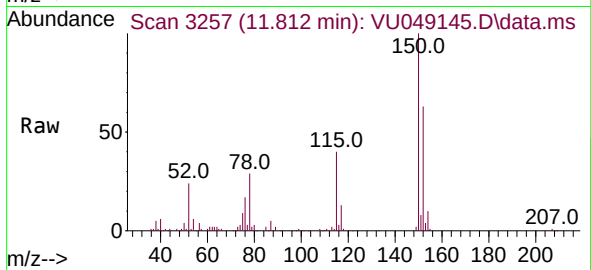
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.230 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049145.D
 Acq: 15 Jun 2022 04:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BA1



Tgt Ion: 75 Resp: 8441
 Ion Ratio Lower Upper
 75 100
 110 1.1 29.0 43.4#
 77 33.4 26.2 39.2

