

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052344.D
 Acq On : 12 Dec 2022 11:53
 Operator : JC/MD
 Sample : N5960-06 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 12:42:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

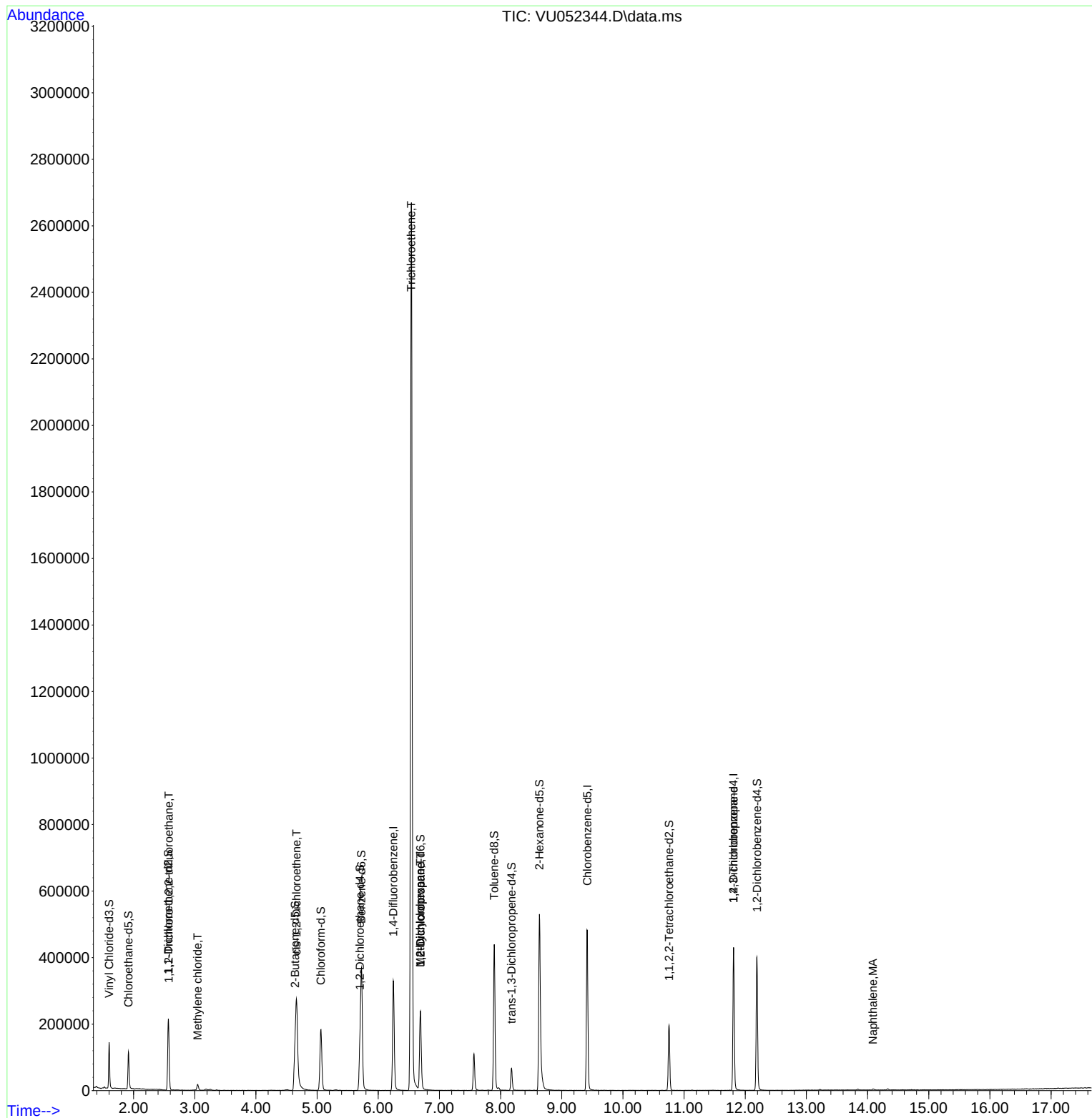
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	278305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	284743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100845	3.725	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.916	69	85980	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.568	65	40150	4.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.642	46	264666	53.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.880%
24) Chloroform-d	5.063	84	176935	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.700	65	93559	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.726	84	365916	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.690	67	124046	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.896	98	306819	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.179	79	40137	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.635	63	185777	45.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.960%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105045	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	116212	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1114	0.055	ug/L #	20
16) Methylene chloride	3.047	84	8946	0.328	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	101644	4.475	ug/L	98
34) Trichloroethene	6.539	95	951862	41.182	ug/L	98
35) Methylcyclohexane	6.687	83	27151	0.817	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11778	0.491	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	13787	1.005	ug/L #	70
71) Naphthalene	14.089	128	4086	0.105	ug/L #	96

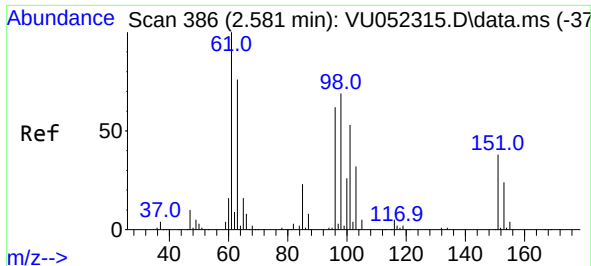
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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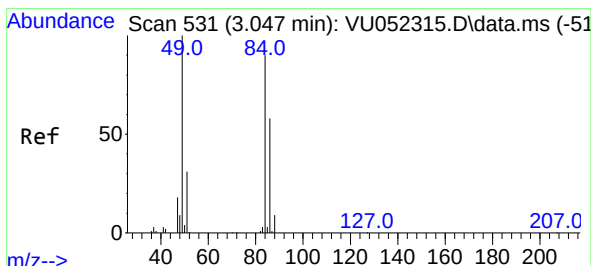
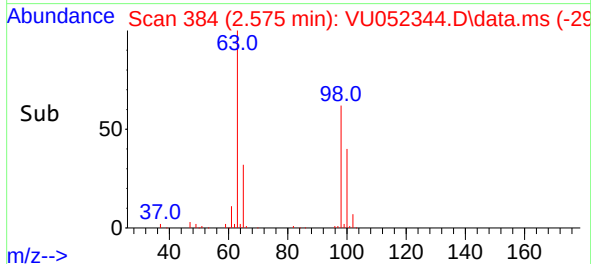
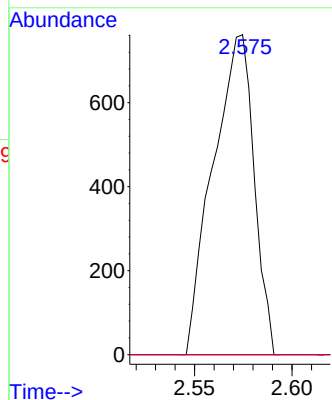
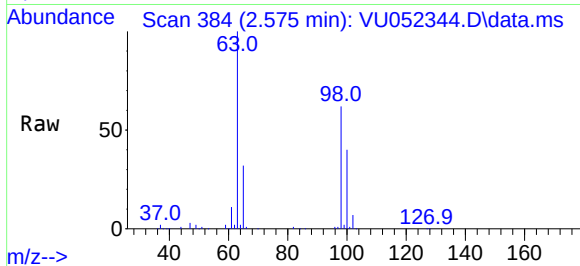




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.007 min
Lab File: VU052344.D
Acq: 12 Dec 2022 11:53

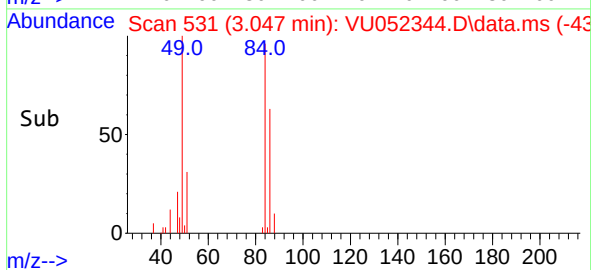
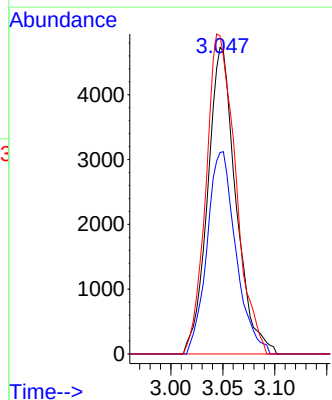
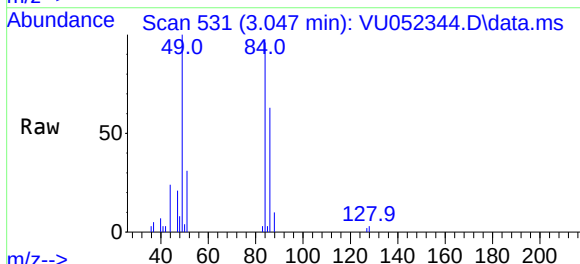
Instrument :
MSVOA_U
ClientSampleId :

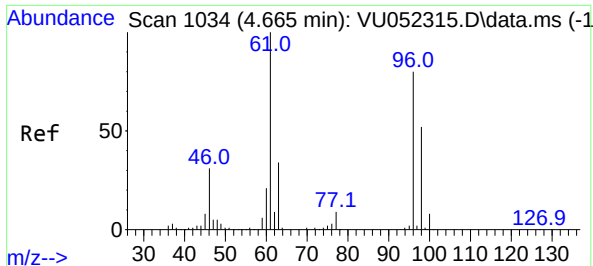
Tgt Ion:101 Resp: 1114
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.328 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU052344.D
Acq: 12 Dec 2022 11:53

Tgt Ion: 84 Resp: 8946
Ion Ratio Lower Upper
84 100
86 65.7 43.8 81.4
49 103.8 75.9 141.1





#22

cis-1,2-Dichloroethene

Concen: 4.475 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052344.D

Acq: 12 Dec 2022 11:53

Instrument :

MSVOA_U

ClientSampleId :

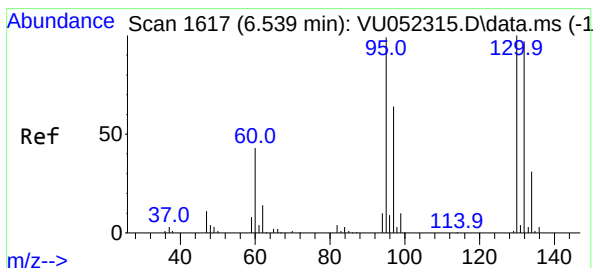
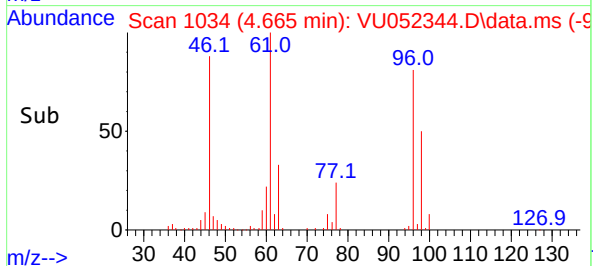
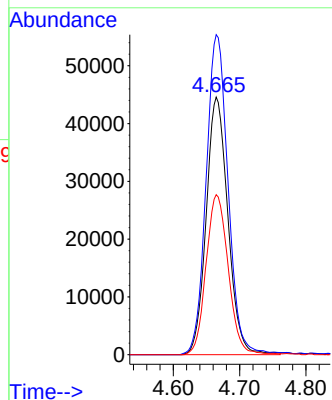
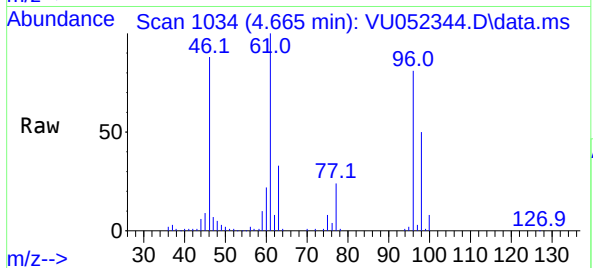
Tgt Ion: 96 Resp: 101644

Ion Ratio Lower Upper

96 100

61 124.2 85.1 158.1

98 62.1 42.8 79.6



#34

Trichloroethene

Concen: 41.182 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU052344.D

Acq: 12 Dec 2022 11:53

Tgt Ion: 95 Resp: 951862

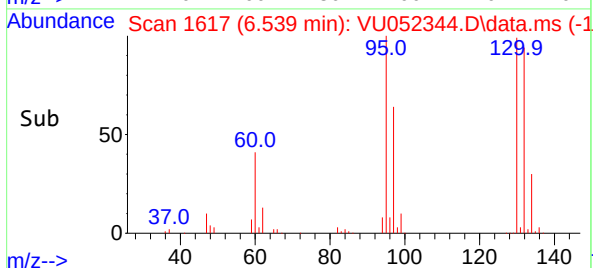
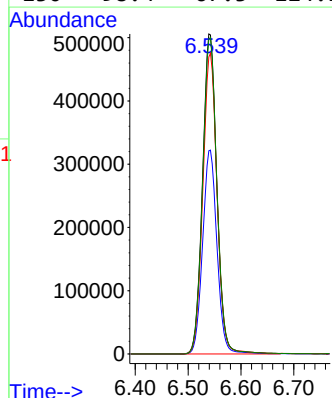
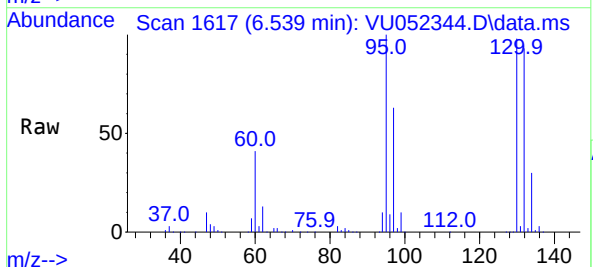
Ion Ratio Lower Upper

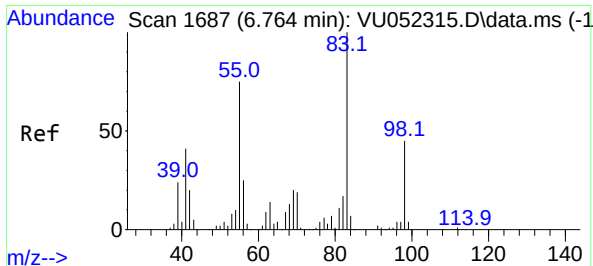
95 100

97 63.5 43.7 81.1

132 92.8 64.3 119.3

130 98.4 67.3 124.9

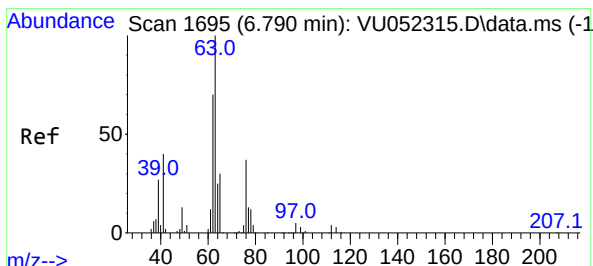
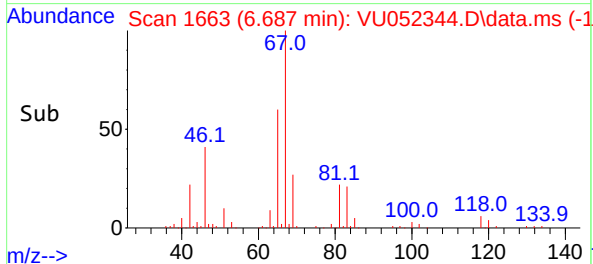
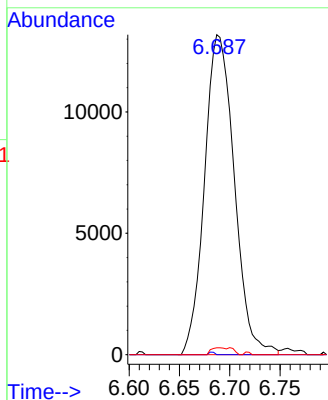
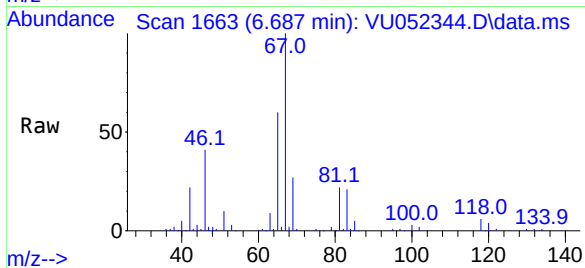




#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052344.D
Acq: 12 Dec 2022 11:53

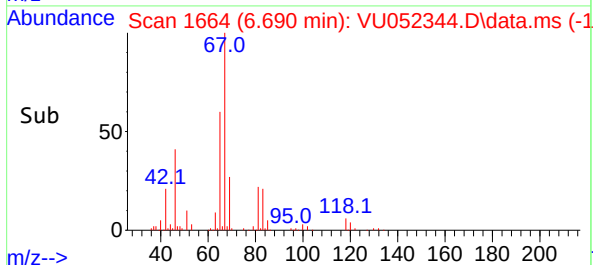
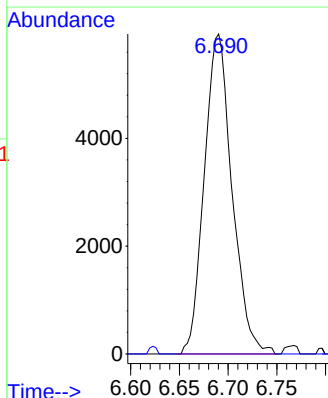
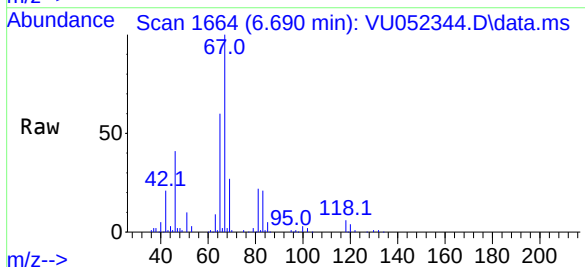
Instrument :
MSVOA_U
ClientSampleId :

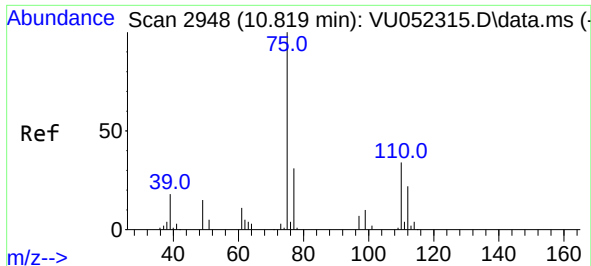
Tgt Ion: 83 Resp: 27151
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 0.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052344.D
Acq: 12 Dec 2022 11:53

Tgt Ion: 63 Resp: 11778
Ion Ratio Lower Upper
63 100
112 0.6 3.3 4.9#

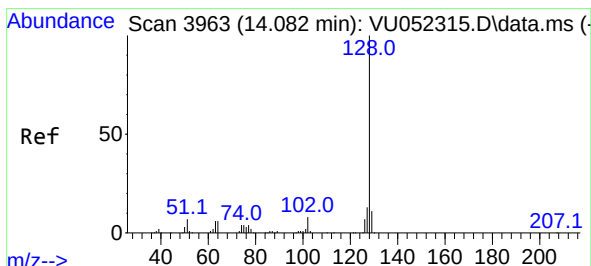
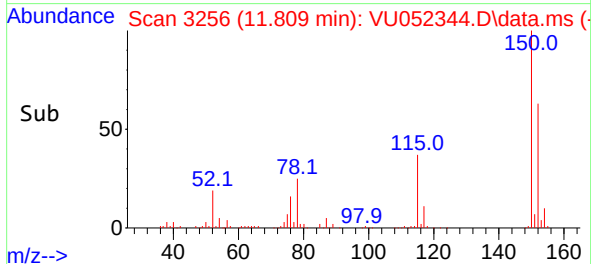
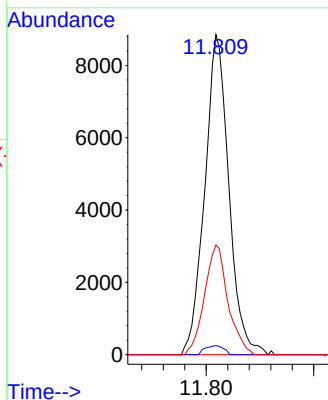
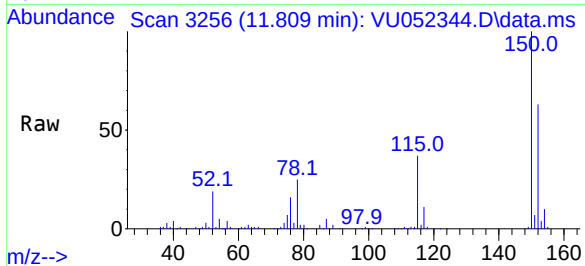




#61
1,2,3-Trichloropropane
Concen: 1.005 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052344.D
Acq: 12 Dec 2022 11:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 13787
Ion Ratio Lower Upper
75 100
110 2.2 28.3 42.5#
77 33.2 26.2 39.2



#71
Naphthalene
Concen: 0.105 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU052344.D
Acq: 12 Dec 2022 11:53

Tgt Ion:128 Resp: 4086
Ion Ratio Lower Upper
128 100
129 7.2 8.3 12.5#
127 12.5 10.2 15.4

