

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051595.D
 Acq On : 29 Oct 2022 03:09
 Operator : JC/MD
 Sample : N5276-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4X5

Quant Time: Oct 29 04:05:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

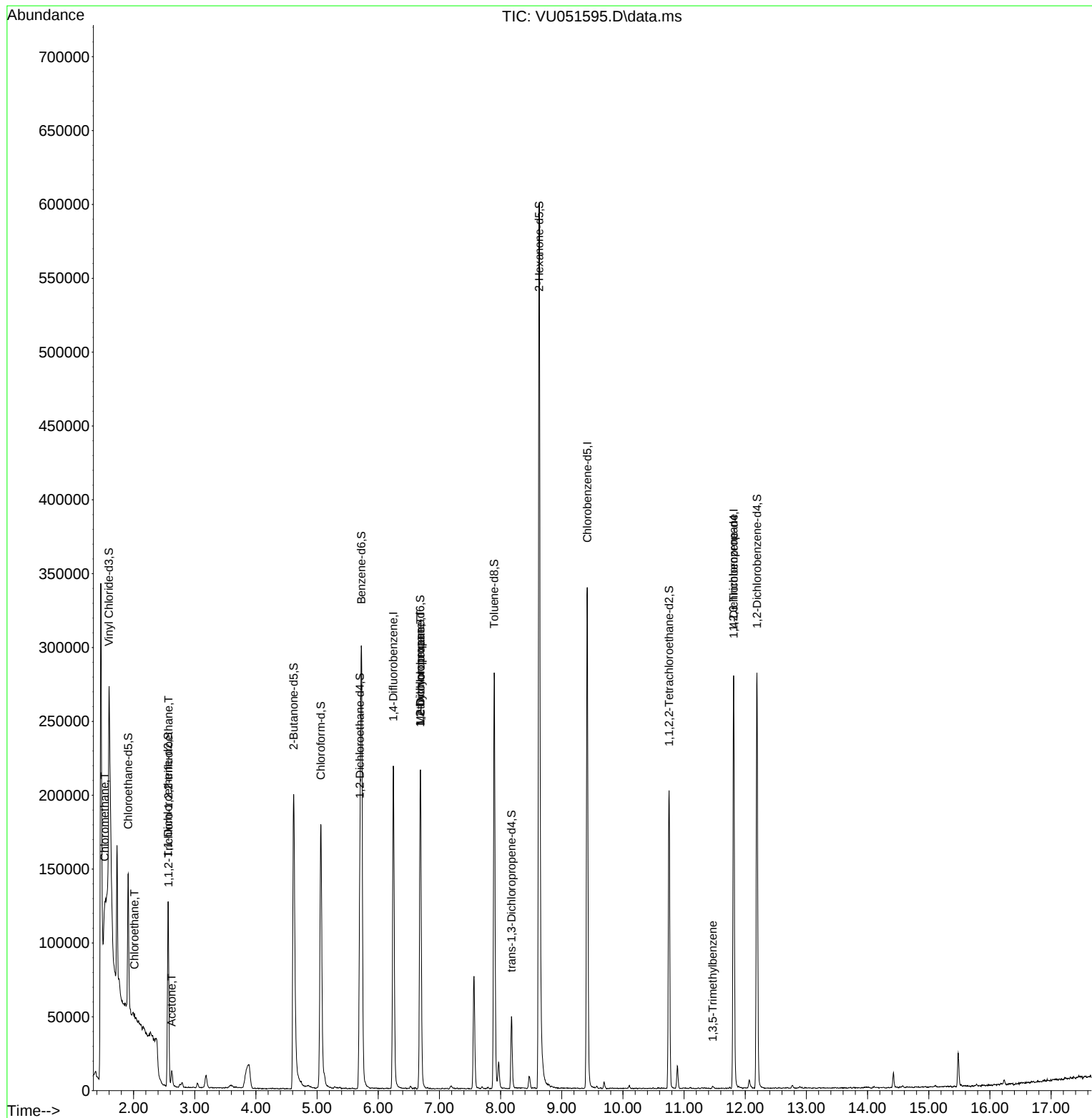
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64488	4.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.912	69	71537	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.565	65	23269	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.616	46	284287	58.242	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.060	84	164843	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.700	65	92901	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.726	84	290372	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.687	67	108857	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.896	98	194627	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.179	79	27612	4.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.632	63	203504	50.828	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.660%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	103856	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	77364	5.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	5394	0.219	ug/L #	68
8) Chloroethane	2.012	64	2390	0.167	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	804	0.053	ug/L #	19
13) Acetone	2.623	43	12215	4.932	ug/L	97
35) Methylcyclohexane	6.690	83	25095	0.967	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11248	0.562	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9005	0.879	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.468	105	1236	0.079	ug/L	91

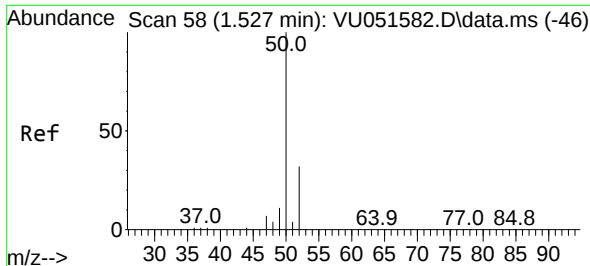
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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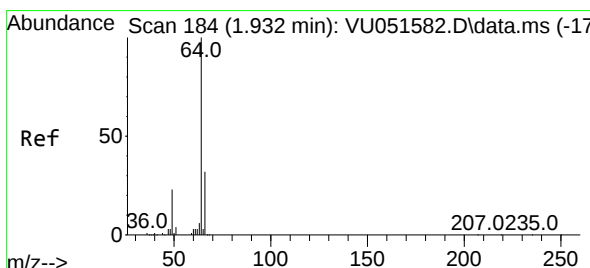
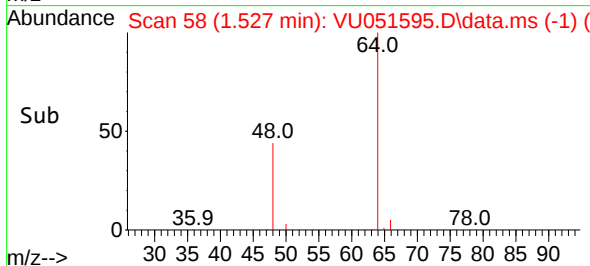
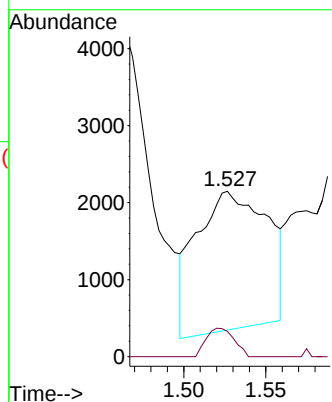
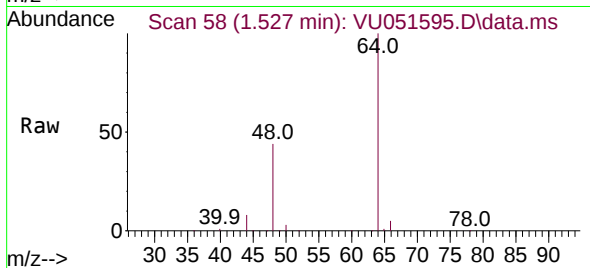




#3
Chloromethane
Concen: 0.219 ug/L
RT: 1.527 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051595.D
Acq: 29 Oct 2022 03:09

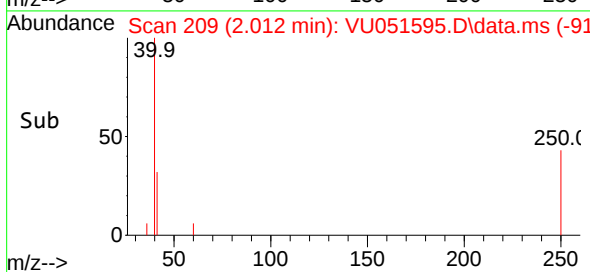
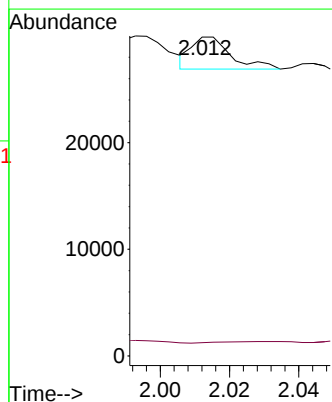
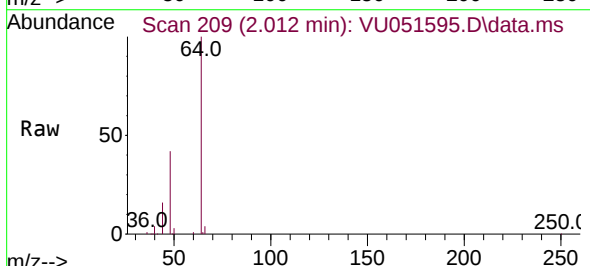
Instrument :
MSVOA_U
ClientSampleId :
EW4X5

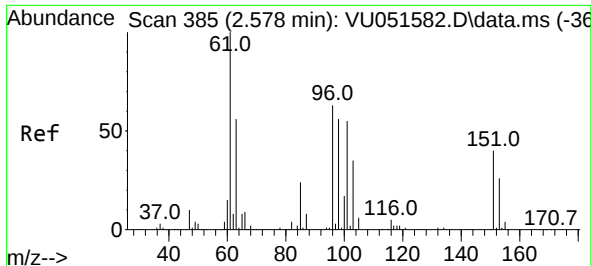
Tgt Ion: 50 Resp: 5394
Ion Ratio Lower Upper
50 100
52 15.3 23.2 43.2#



#8
Chloroethane
Concen: 0.167 ug/L
RT: 2.012 min Scan# 209
Delta R.T. 0.080 min
Lab File: VU051595.D
Acq: 29 Oct 2022 03:09

Tgt Ion: 64 Resp: 2390
Ion Ratio Lower Upper
64 100
66 4.2 22.3 41.5#

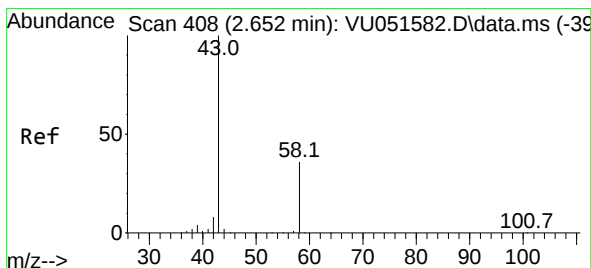
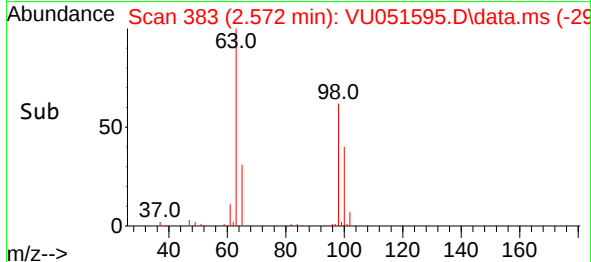
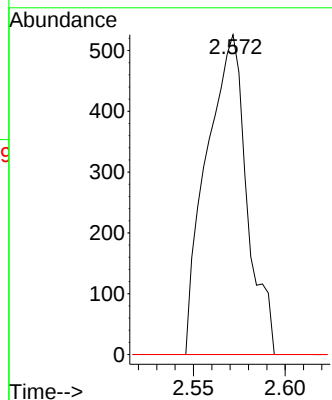
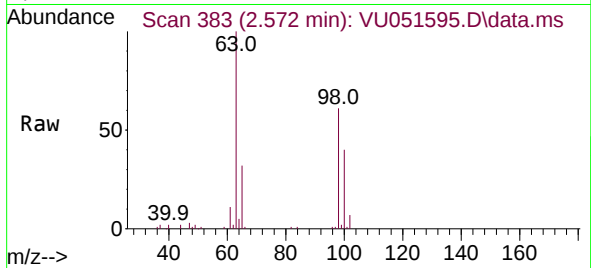




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.572 min Scan# 310
Delta R.T. -0.006 min
Lab File: VU051595.D
Acq: 29 Oct 2022 03:09

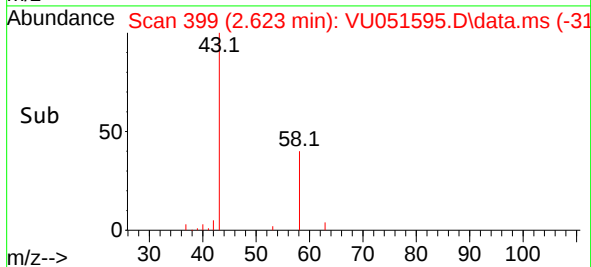
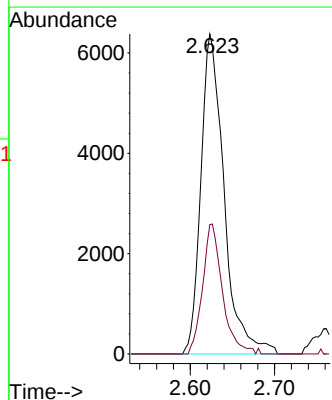
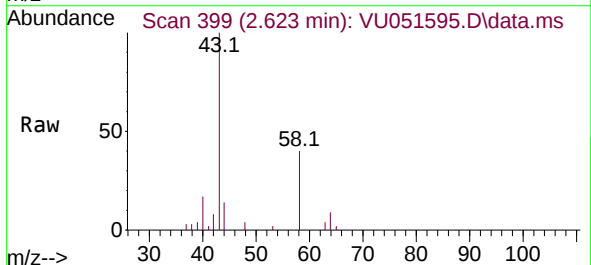
Instrument :
MSVOA_U
ClientSampleId :
EW4X5

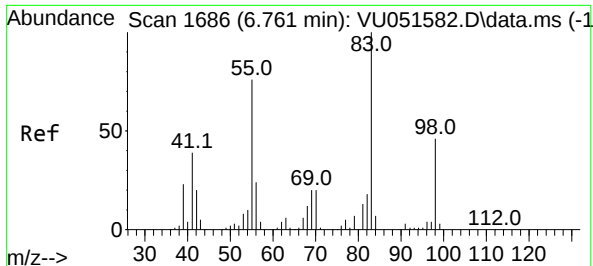
Tgt Ion:101 Resp: 804
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#13
Acetone
Concen: 4.932 ug/L
RT: 2.623 min Scan# 399
Delta R.T. -0.029 min
Lab File: VU051595.D
Acq: 29 Oct 2022 03:09

Tgt Ion: 43 Resp: 12215
Ion Ratio Lower Upper
43 100
58 34.9 0.0 73.8





#35

Methylcyclohexane

Concen: 0.967 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051595.D

Acq: 29 Oct 2022 03:09

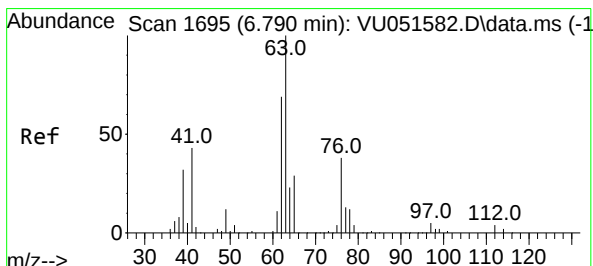
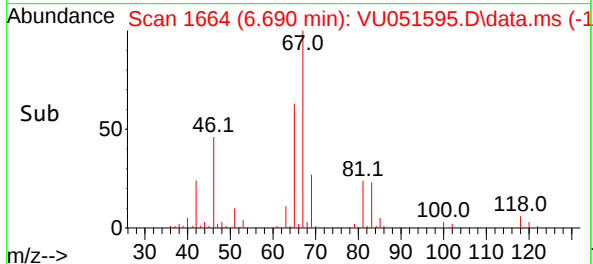
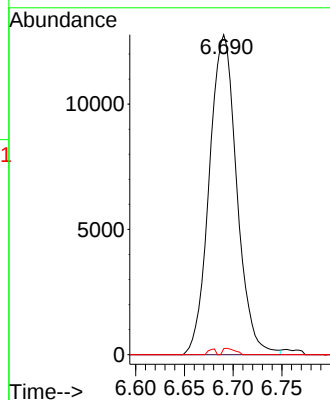
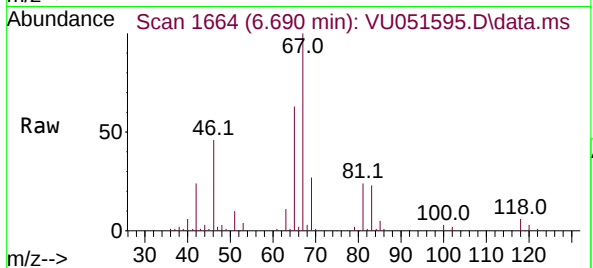
Instrument :

MSVOA_U

ClientSampleId :

EW4X5

Tgt Ion: 83	Resp: 25095
Ion Ratio	Lower Upper
83	100
55	0.0 60.6 90.8#
98	0.9 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

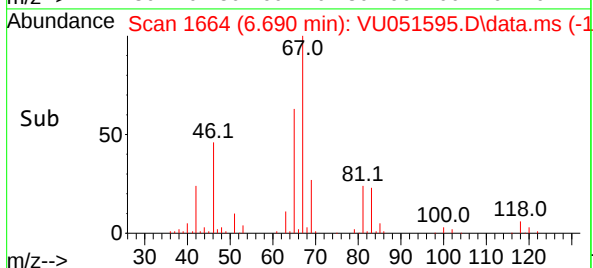
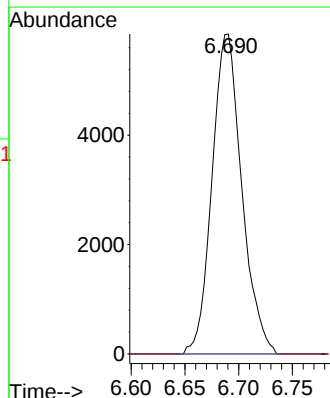
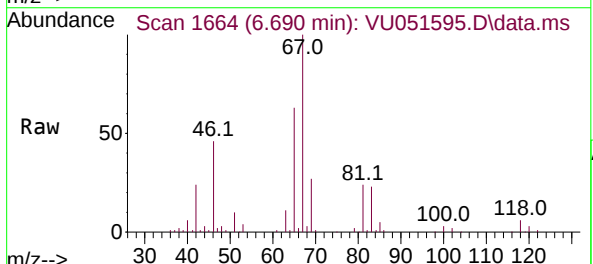
RT: 6.690 min Scan# 1664

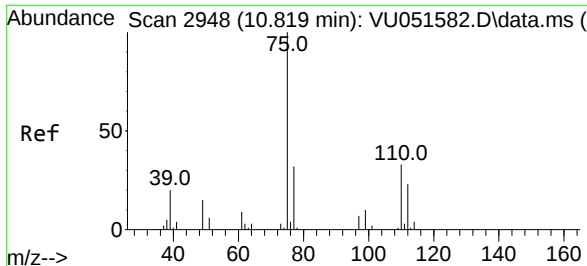
Delta R.T. -0.100 min

Lab File: VU051595.D

Acq: 29 Oct 2022 03:09

Tgt Ion: 63	Resp: 11248
Ion Ratio	Lower Upper
63	100
112	0.2 3.3 4.9#

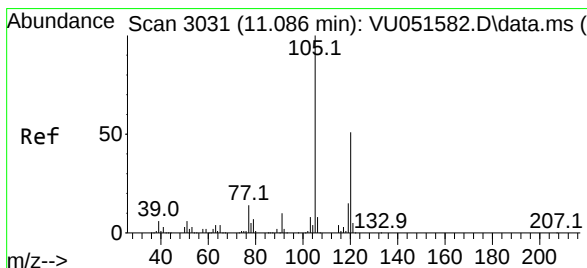
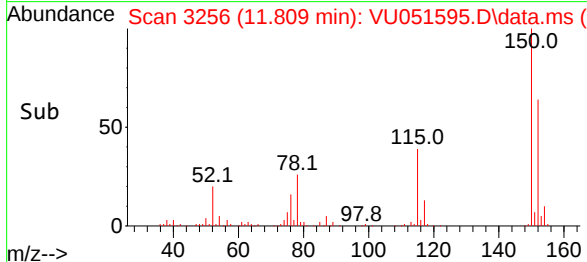
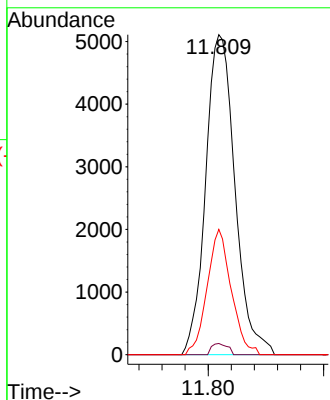
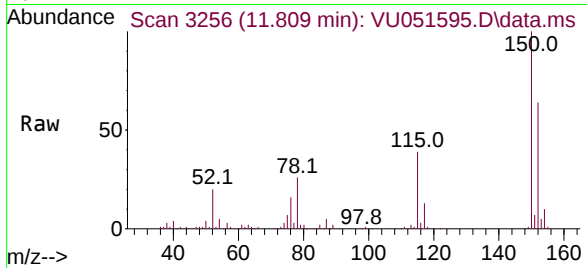




#61
1,2,3-Trichloropropane
Concen: 0.879 ug/L
RT: 11.809 min Scan# 3150
Delta R.T. 0.990 min
Lab File: VU051595.D
Acq: 29 Oct 2022 03:09

Instrument :
MSVOA_U
ClientSampleId :
EW4X5

Tgt Ion: 75 Resp: 9005
Ion Ratio Lower Upper
75 100
110 1.9 28.7 43.1#
77 32.2 26.1 39.1



#62
1,3,5-Trimethylbenzene
Concen: 0.079 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.383 min
Lab File: VU051595.D
Acq: 29 Oct 2022 03:09

Tgt Ion: 105 Resp: 1236
Ion Ratio Lower Upper
105 100
120 42.2 38.6 57.8

