

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052310.D
 Acq On : 09 Dec 2022 18:36
 Operator : JC/MD
 Sample : N5949-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA2

Quant Time: Dec 09 23:13:23 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)

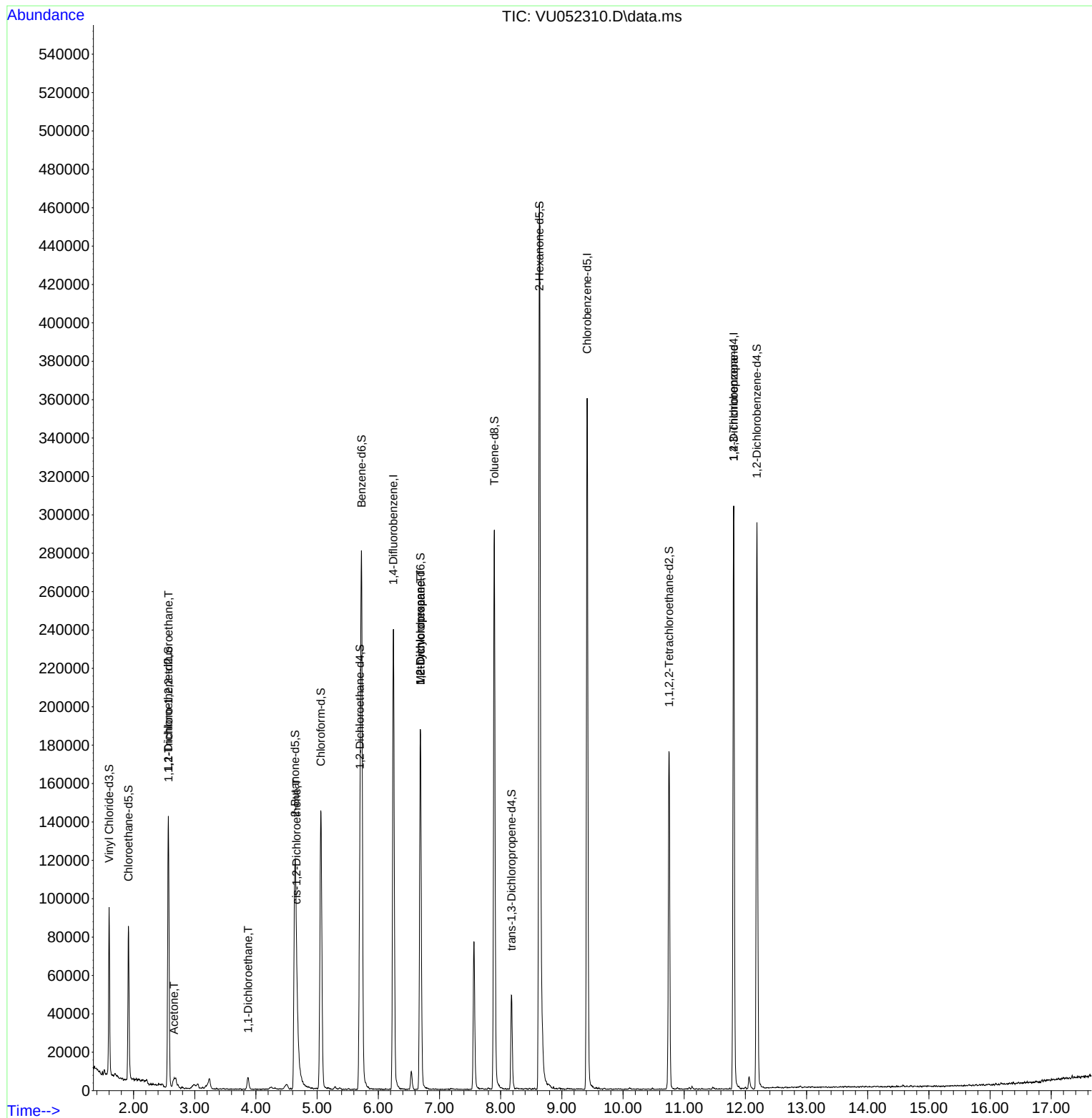
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199745	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63451	3.266	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.400%	
7) Chloroethane-d5	1.916	69	62661	4.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.568	65	25890	3.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	4.639	46	238109	67.610	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	135.220%#	
24) Chloroform-d	5.060	84	141493	4.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.700	65	76760	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	5.726	84	273333	4.436	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.687	67	95654	5.017	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.400%	
41) Toluene-d8	7.896	98	203286	3.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	8.179	79	29827	4.293	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.632	63	156685	53.212	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.420%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92729	5.609	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	84021	5.182	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	826	0.057	ug/L #	20
13) Acetone	2.662	43	11307	4.728	ug/L	99
19) 1,1-Dichloroethane	3.874	63	7217	0.258	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	2094	0.128	ug/L	97
35) Methylcyclohexane	6.687	83	22016	0.909	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9583	0.548	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9982	1.030	ug/L #	67

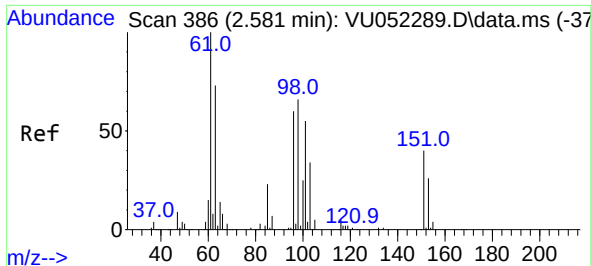
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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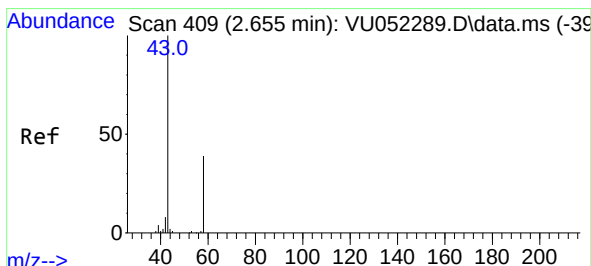
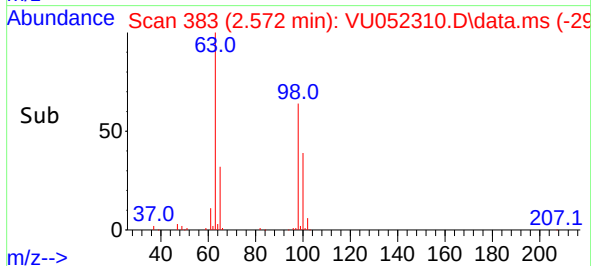
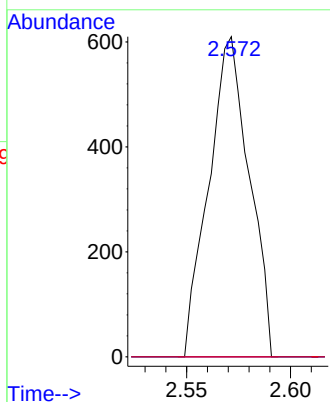
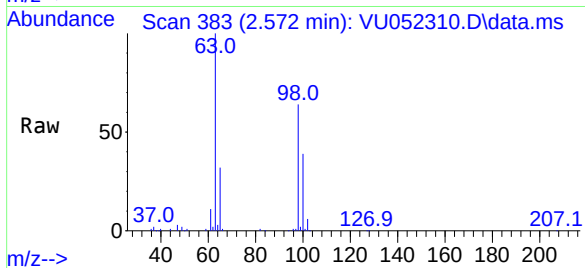




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.572 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU052310.D
Acq: 09 Dec 2022 18:36

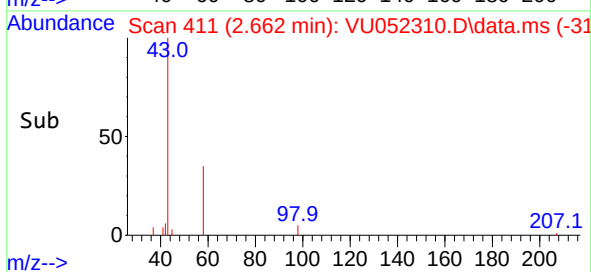
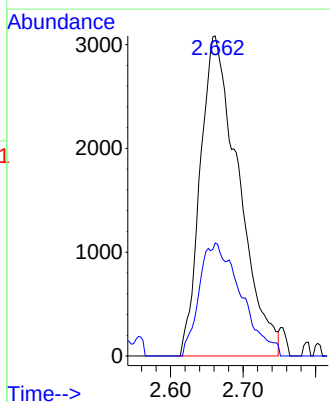
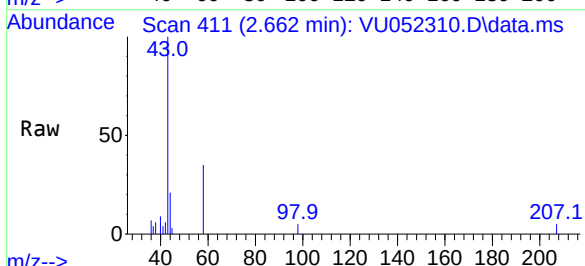
Instrument :
MSVOA_U
ClientSampleId :
EXZA2

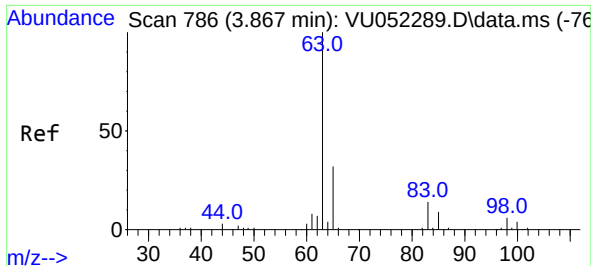
Tgt Ion:101 Resp: 826
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 4.728 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.016 min
Lab File: VU052310.D
Acq: 09 Dec 2022 18:36

Tgt Ion: 43 Resp: 11307
Ion Ratio Lower Upper
43 100
58 38.5 0.0 76.0



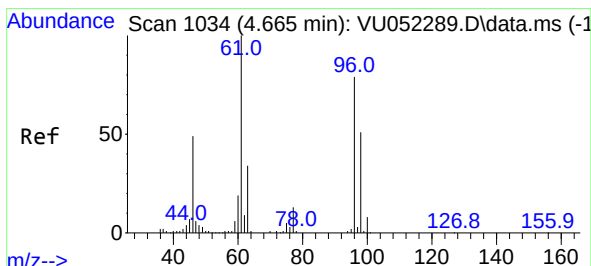
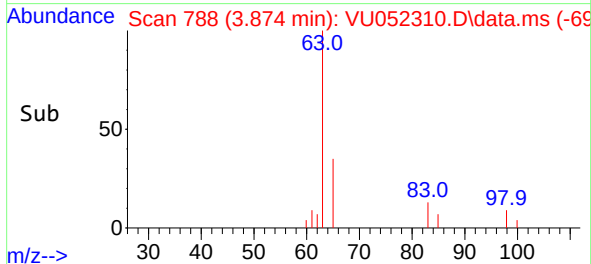
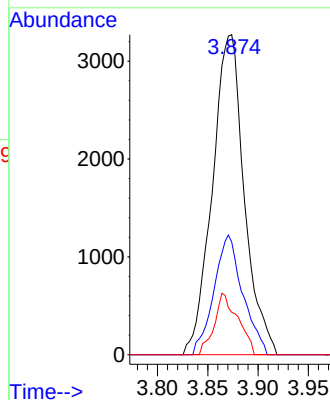
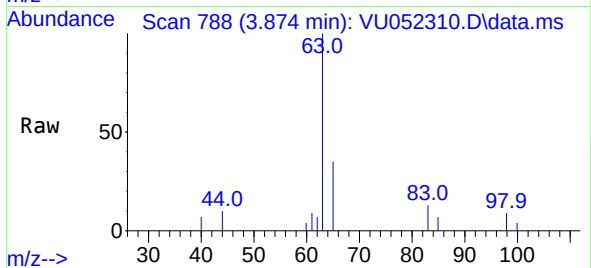


#19
1,1-Dichloroethane
Concen: 0.258 ug/L
RT: 3.874 min Scan# 719
Delta R.T. 0.006 min
Lab File: VU052310.D
Acq: 09 Dec 2022 18:36

Instrument :
MSVOA_U
ClientSampleId :
EXZA2

Tgt Ion: 63 Resp: 7217

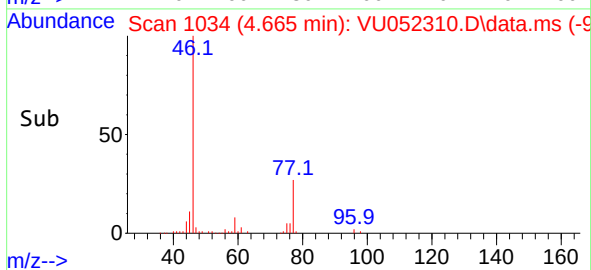
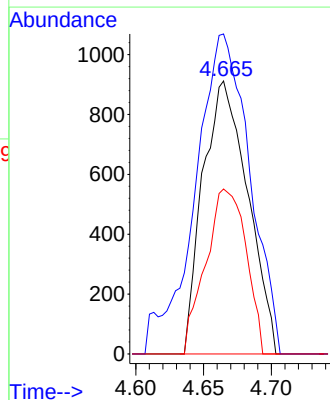
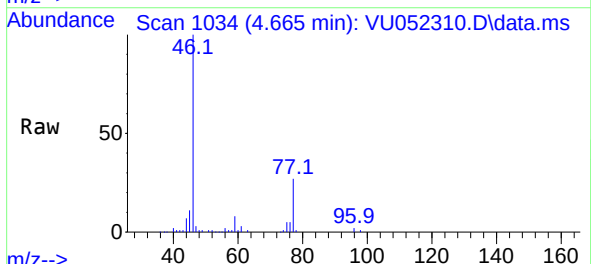
Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.2	41.2
83	13.3	9.2	17.0

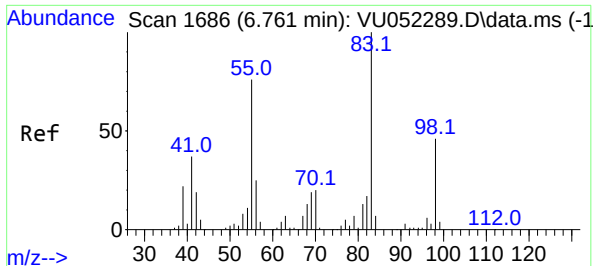


#22
cis-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052310.D
Acq: 09 Dec 2022 18:36

Tgt Ion: 96 Resp: 2094

Ion	Ratio	Lower	Upper
96	100		
61	117.2	85.1	158.1
98	60.4	42.8	79.6

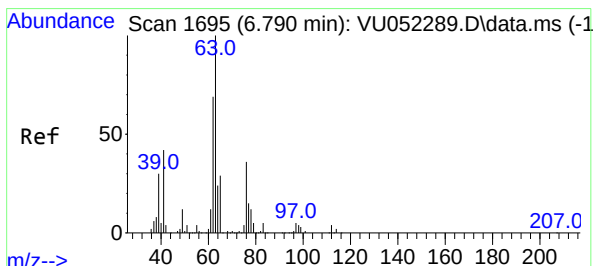
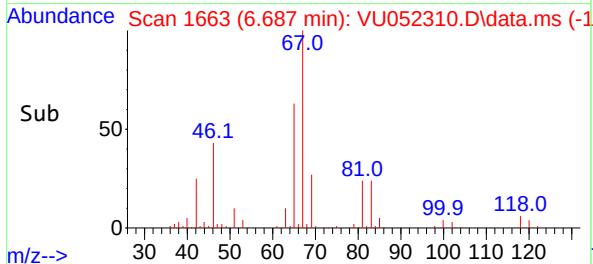
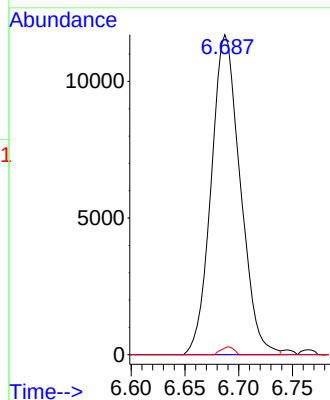
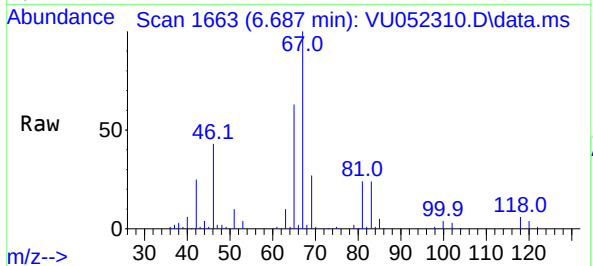




#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052310.D
Acq: 09 Dec 2022 18:36

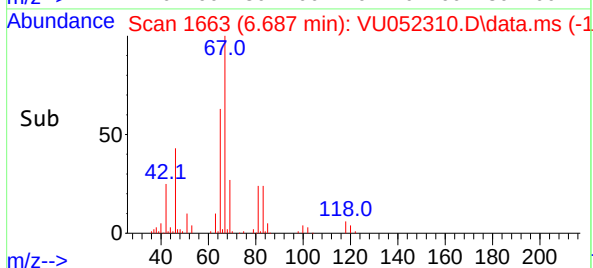
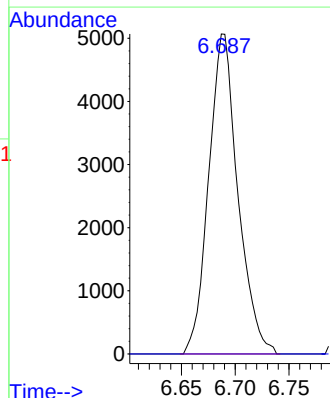
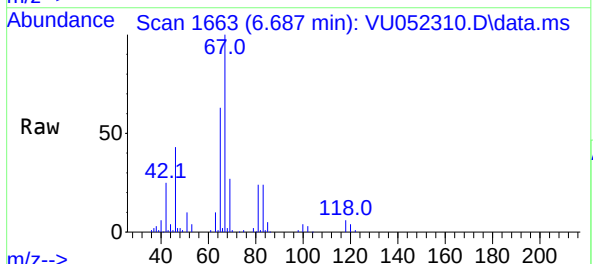
Instrument :
MSVOA_U
ClientSampleId :
EXZA2

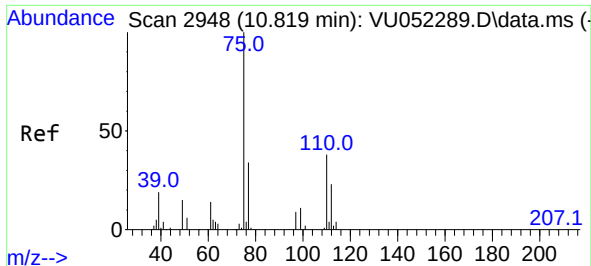
Tgt Ion: 83 Resp: 22016
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.1 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052310.D
Acq: 09 Dec 2022 18:36

Tgt Ion: 63 Resp: 9583
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.030 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU052310.D

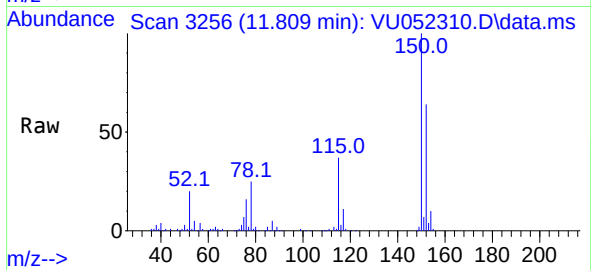
Acq: 09 Dec 2022 18:36

Instrument :

MSVOA_U

ClientSampleId :

EXZA2



Tgt Ion: 75 Resp: 9982

Ion Ratio Lower Upper

75 100

110 0.9 28.3 42.5#

77 30.6 26.2 39.2

