

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052311.D
 Acq On : 09 Dec 2022 19:00
 Operator : JC/MD
 Sample : N5949-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:13:32 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)

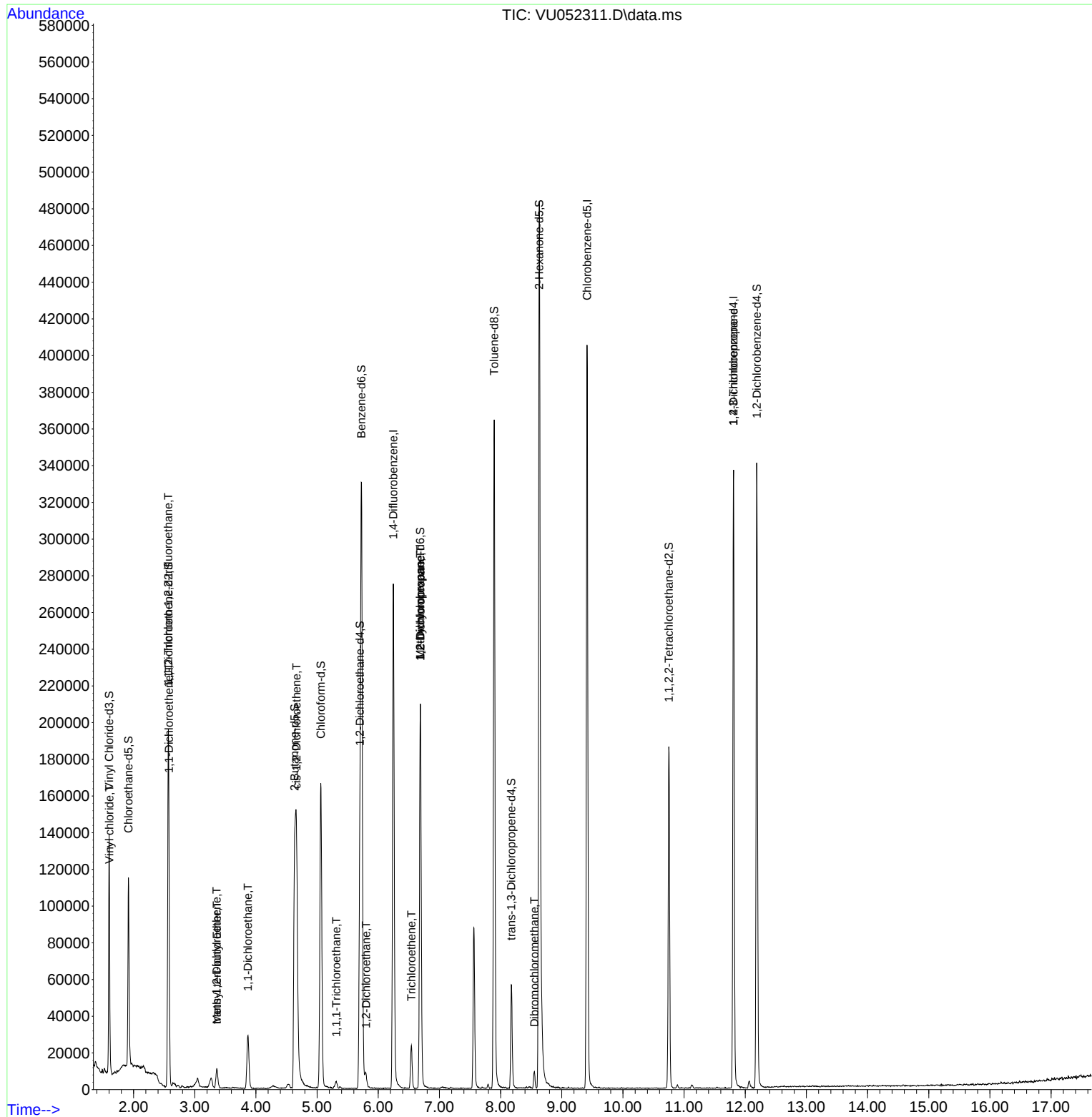
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94239	4.239	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.916	69	80663	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.571	65	35985	4.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.633	46	236215	58.622	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.240%
24) Chloroform-d	5.060	84	158614	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.700	65	85024	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	327460	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.687	67	106819	5.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.896	98	252484	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.176	79	33357	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.632	63	162377	49.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97293	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	93981	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3614	0.145	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1262	0.075	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	3290	0.198	ug/L #	1
17) Methyl tert-butyl Ether	3.362	73	7989	0.215	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	1731	0.097	ug/L	85
19) 1,1-Dichloroethane	3.870	63	35617	1.112	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	45757	2.453	ug/L	99
27) 1,2-Dichloroethane	5.800	62	5103	0.257	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	2867	0.112	ug/L	97
34) Trichloroethene	6.542	95	8265	0.442	ug/L	96
35) Methylcyclohexane	6.687	83	24243	0.902	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10675	0.551	ug/L #	88
49) Dibromochloromethane	8.552	129	2327	0.143	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10873	0.999	ug/L #	68

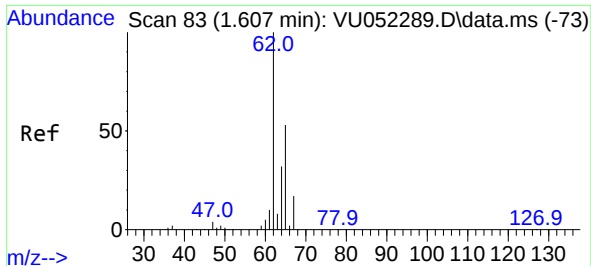
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
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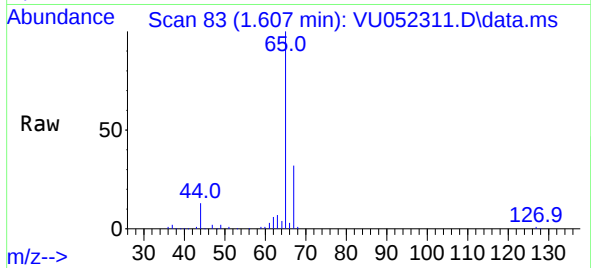
Quant Time: Dec 09 23:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
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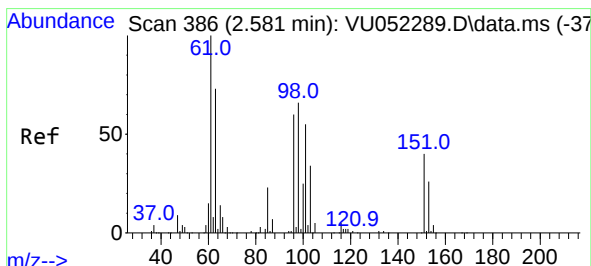
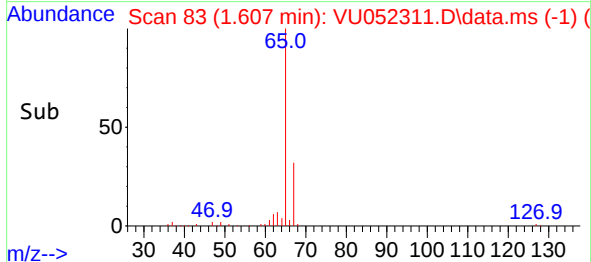
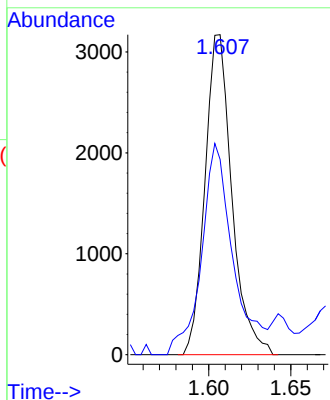


#5
 Vinyl chloride
 Concen: 0.145 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052311.D
 Acq: 09 Dec 2022 19:00

Instrument :
 MSVOA_U
 ClientSampleId :

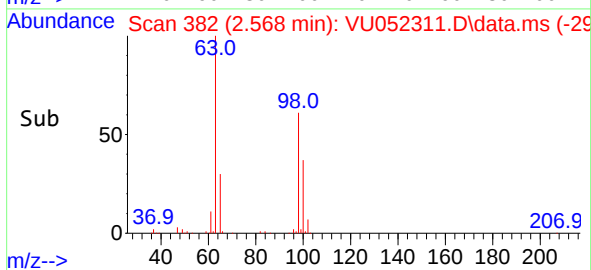
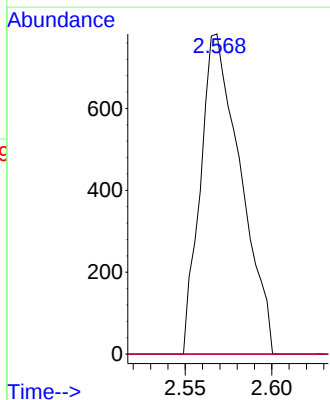
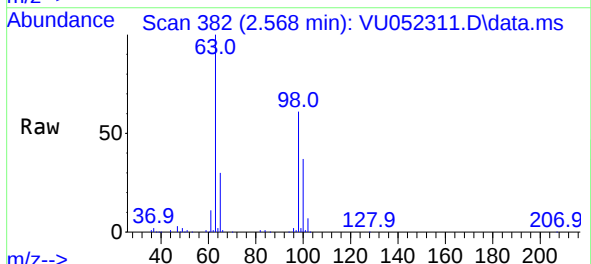


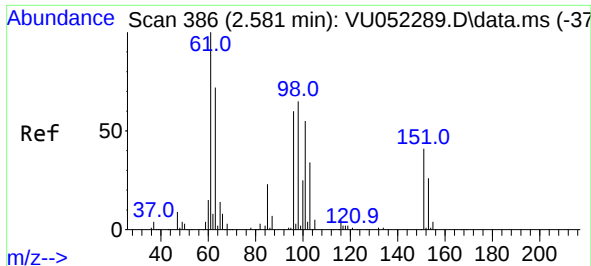
Tgt Ion: 62 Resp: 3614
 Ion Ratio Lower Upper
 62 100
 64 61.0 23.5 43.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.075 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU052311.D
 Acq: 09 Dec 2022 19:00

Tgt Ion: 101 Resp: 1262
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.198 ug/L

RT: 2.578 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052311.D

Acq: 09 Dec 2022 19:00

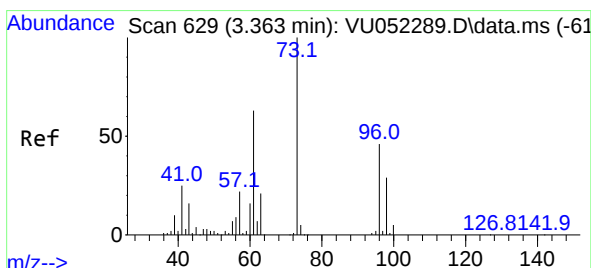
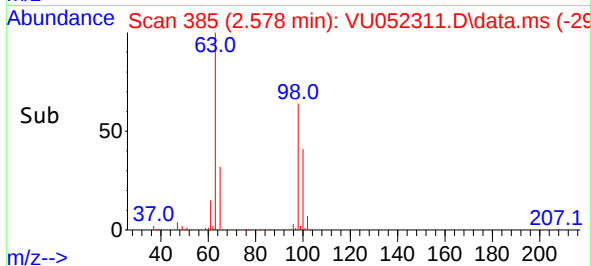
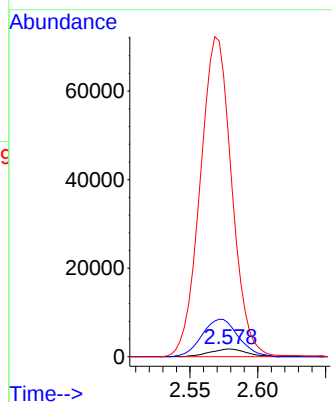
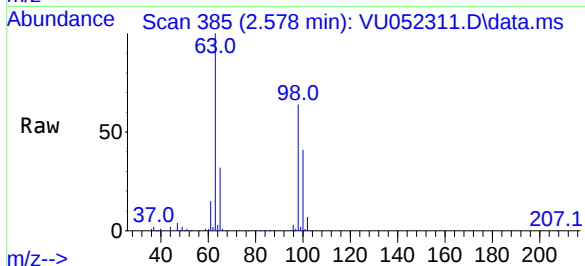
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 3290

Ion	Ratio	Lower	Upper
96	100		
61	446.5	114.8	213.2#
63	2976.9	93.7	174.1#



#17

Methyl tert-butyl Ether

Concen: 0.215 ug/L

RT: 3.362 min Scan# 629

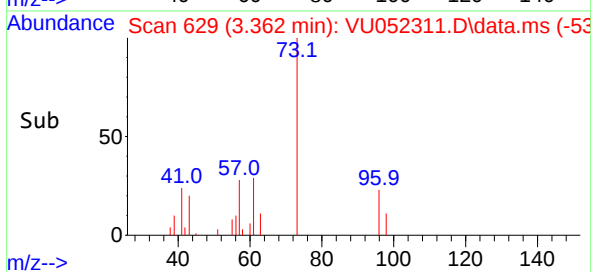
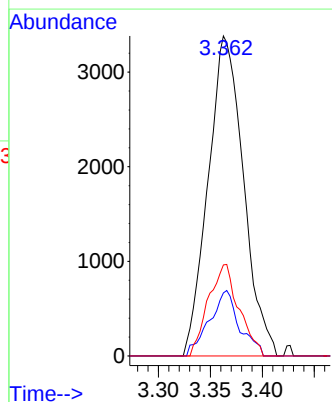
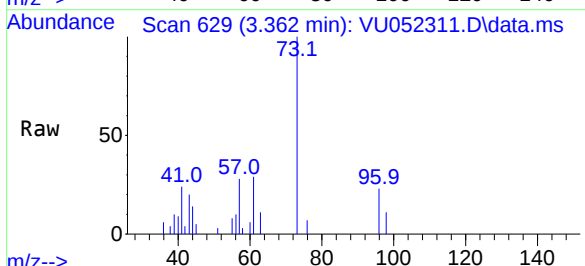
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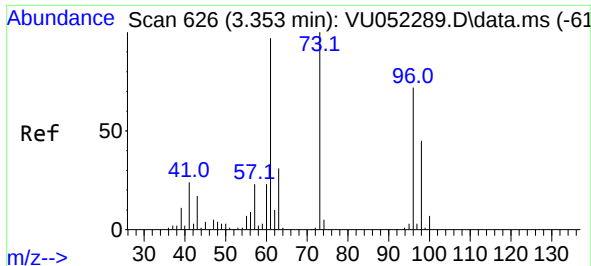
Lab File: VU052311.D

Acq: 09 Dec 2022 19:00

Tgt Ion: 73 Resp: 7989

Ion	Ratio	Lower	Upper
73	100		
43	17.5	13.2	19.8
57	24.9	17.8	26.8

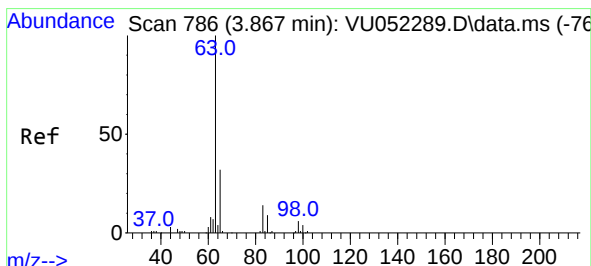
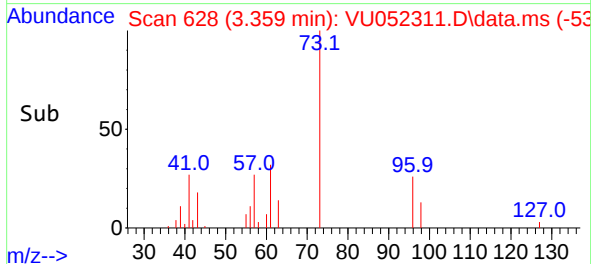
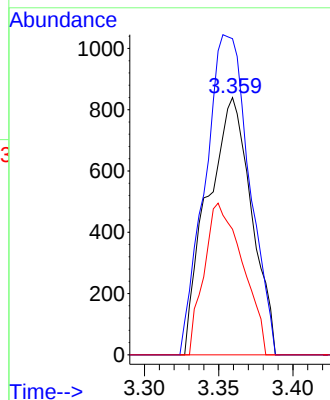
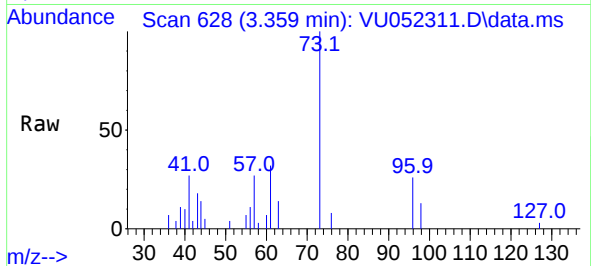




#18
trans-1,2-Dichloroethene
Concen: 0.097 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

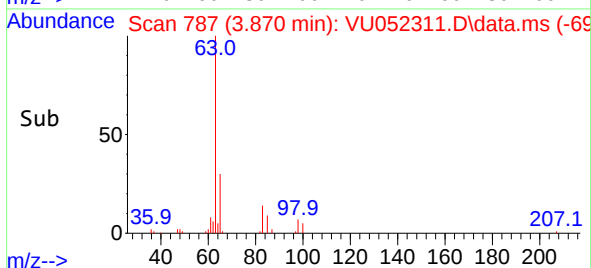
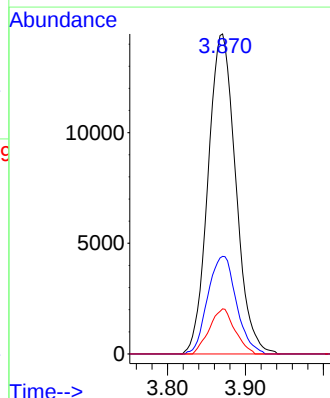
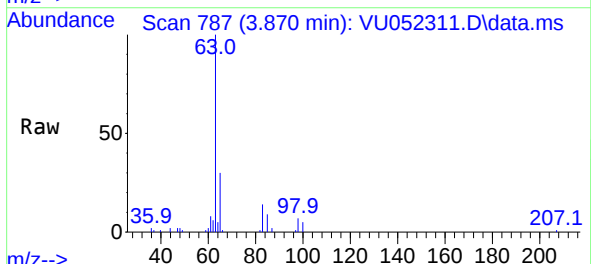
Instrument :
MSVOA_U
ClientSampleId :

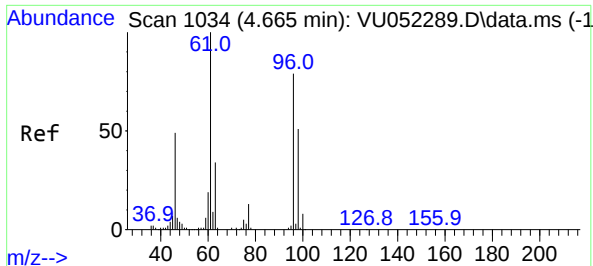
Tgt Ion: 96 Resp: 1731
Ion Ratio Lower Upper
96 100
61 122.9 97.9 181.7
98 48.8 43.8 81.3



#19
1,1-Dichloroethane
Concen: 1.112 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 63 Resp: 35617
Ion Ratio Lower Upper
63 100
65 30.5 22.2 41.2
83 14.1 9.2 17.0

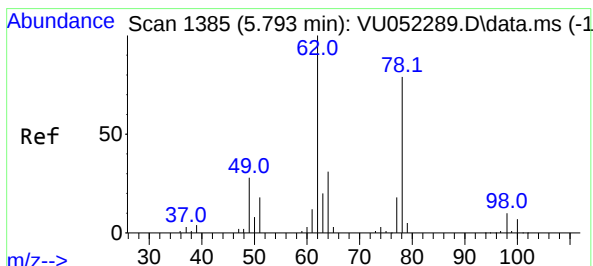
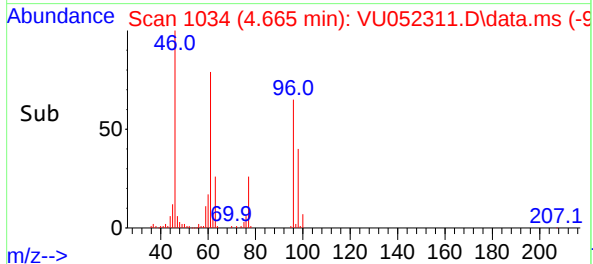
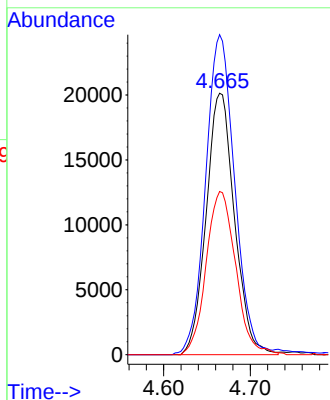
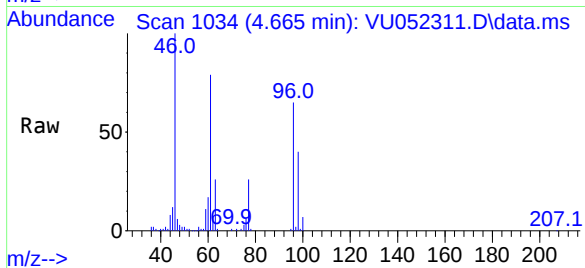




#22
cis-1,2-Dichloroethene
Concen: 2.453 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

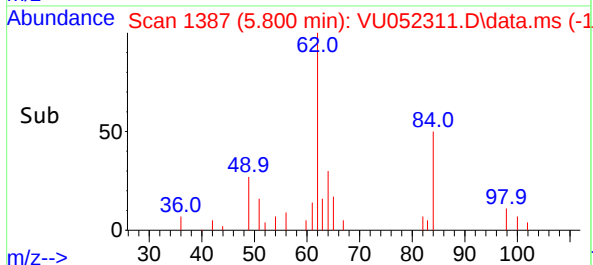
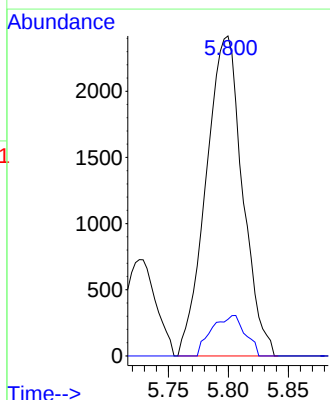
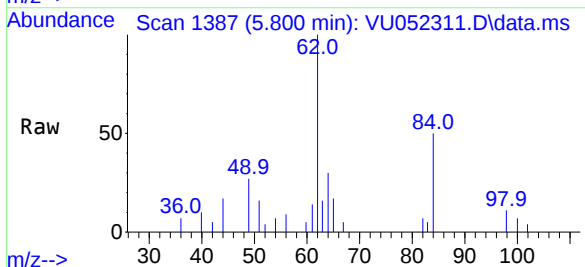
Instrument :
MSVOA_U
ClientSampleId :

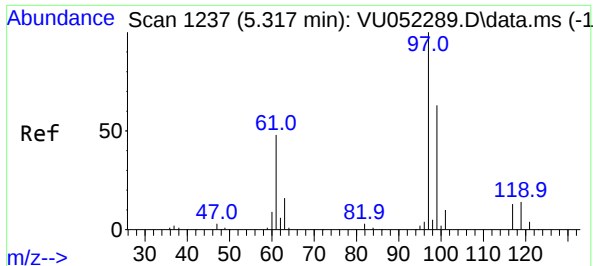
Tgt Ion: 96 Resp: 45757
Ion Ratio Lower Upper
96 100
61 122.4 85.1 158.1
98 62.4 42.8 79.6



#27
1,2-Dichloroethane
Concen: 0.257 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 62 Resp: 5103
Ion Ratio Lower Upper
62 100
98 11.4 8.4 12.6



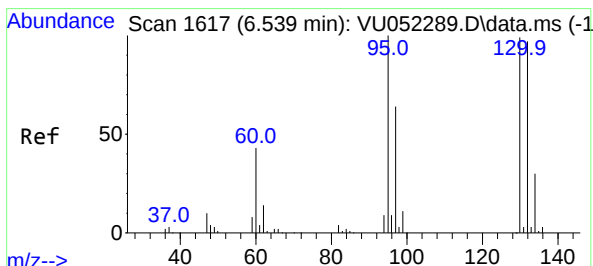
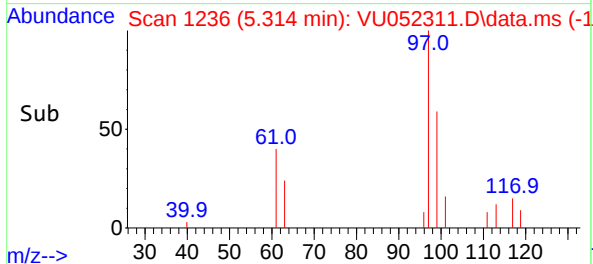
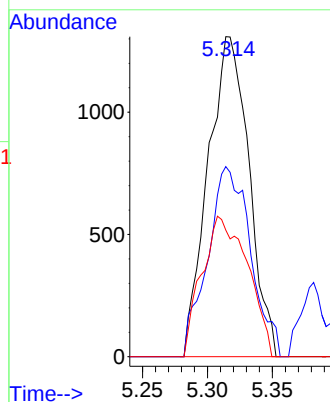
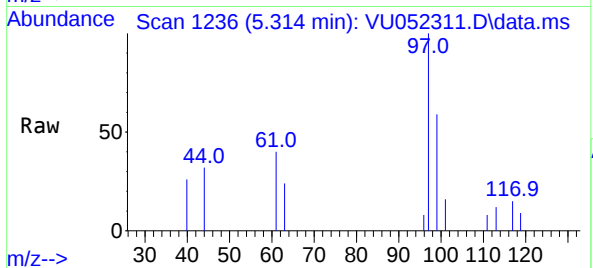


#29
1,1,1-Trichloroethane
Concen: 0.112 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2867

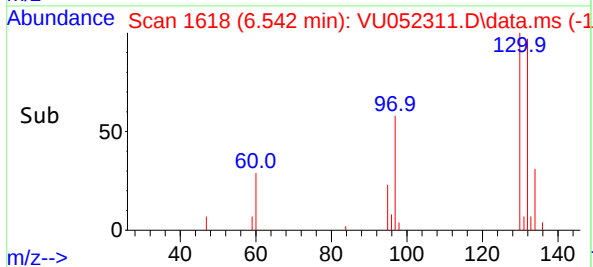
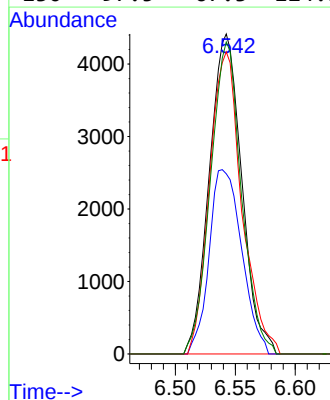
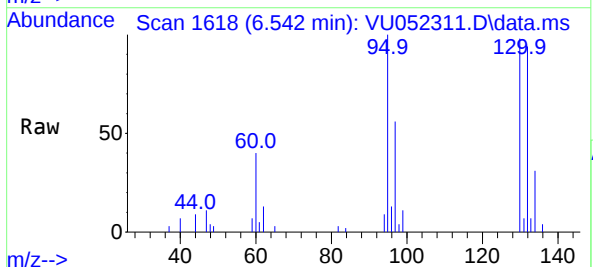
Ion	Ratio	Lower	Upper
97	100		
99	62.2	51.0	76.6
61	49.1	36.9	55.3

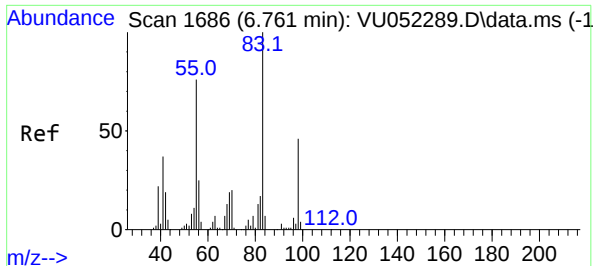


#34
Trichloroethene
Concen: 0.442 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 95 Resp: 8265

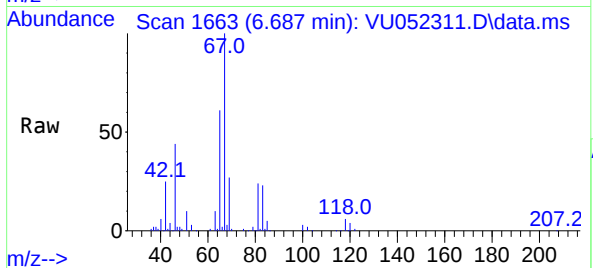
Ion	Ratio	Lower	Upper
95	100		
97	56.3	43.7	81.1
132	94.4	64.3	119.3
130	97.5	67.3	124.9



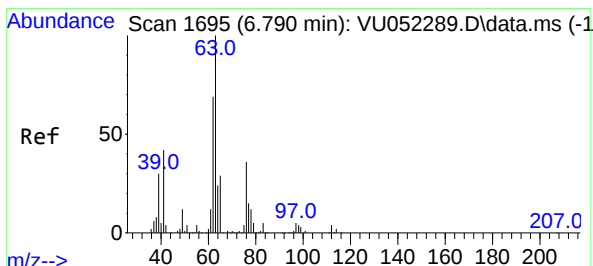
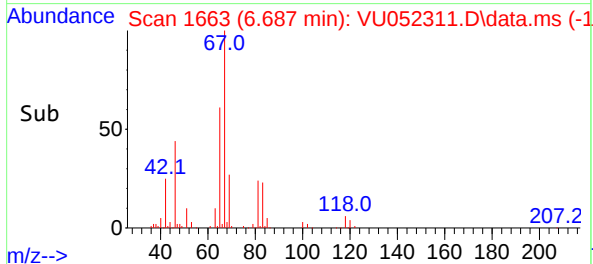
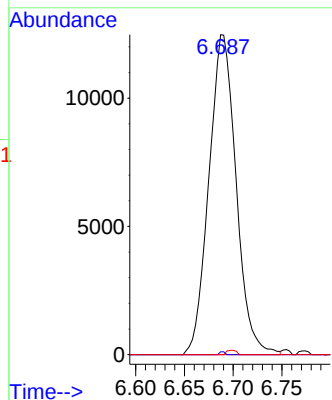


#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Instrument :
MSVOA_U
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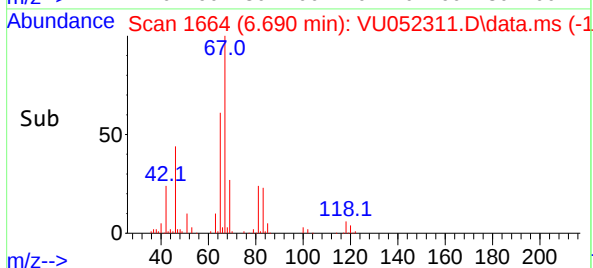
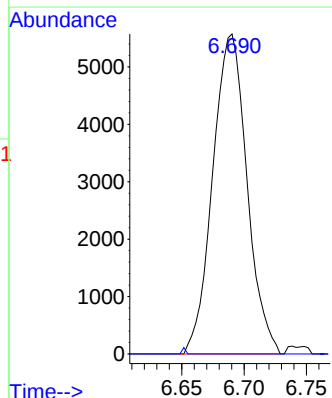
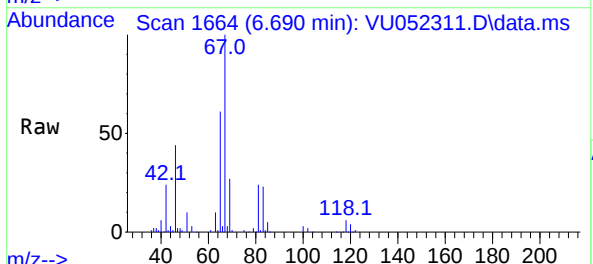


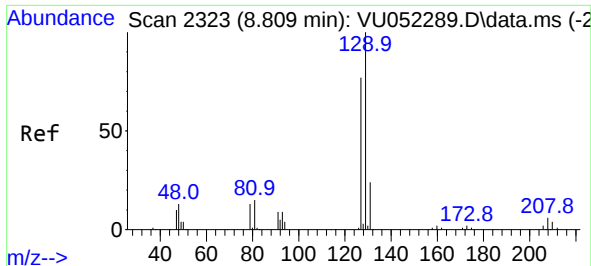
Tgt Ion: 83 Resp: 24243
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 0.5 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052311.D
Acq: 09 Dec 2022 19:00

Tgt Ion: 63 Resp: 10675
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#49

Dibromochloromethane

Concen: 0.143 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052311.D

Acq: 09 Dec 2022 19:00

Instrument :

MSVOA_U

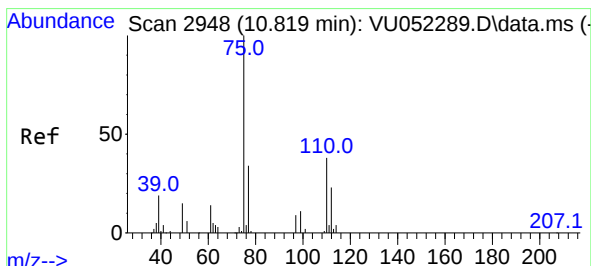
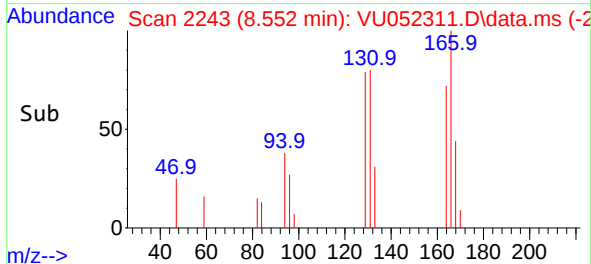
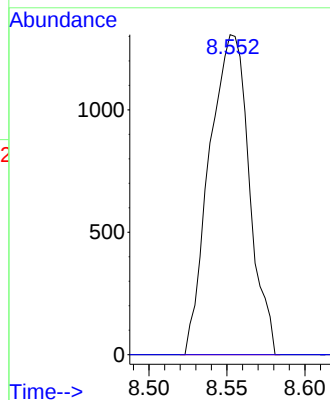
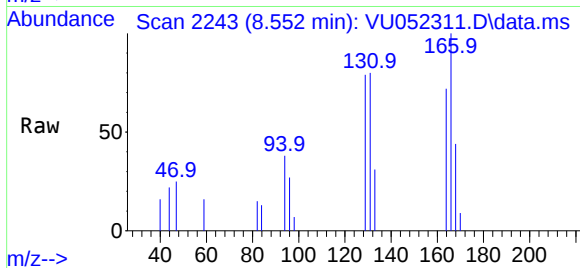
ClientSampleId :

Tgt Ion:129 Resp: 2327

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#



#61

1,2,3-Trichloropropane

Concen: 0.999 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052311.D

Acq: 09 Dec 2022 19:00

Tgt Ion: 75 Resp: 10873

Ion Ratio Lower Upper

75 100

110 1.0 28.3 42.5#

77 31.5 26.2 39.2

