

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051616.D
 Acq On : 31 Oct 2022 17:09
 Operator : JC/MD
 Sample : N5353-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP0

Quant Time: Nov 01 01:28:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

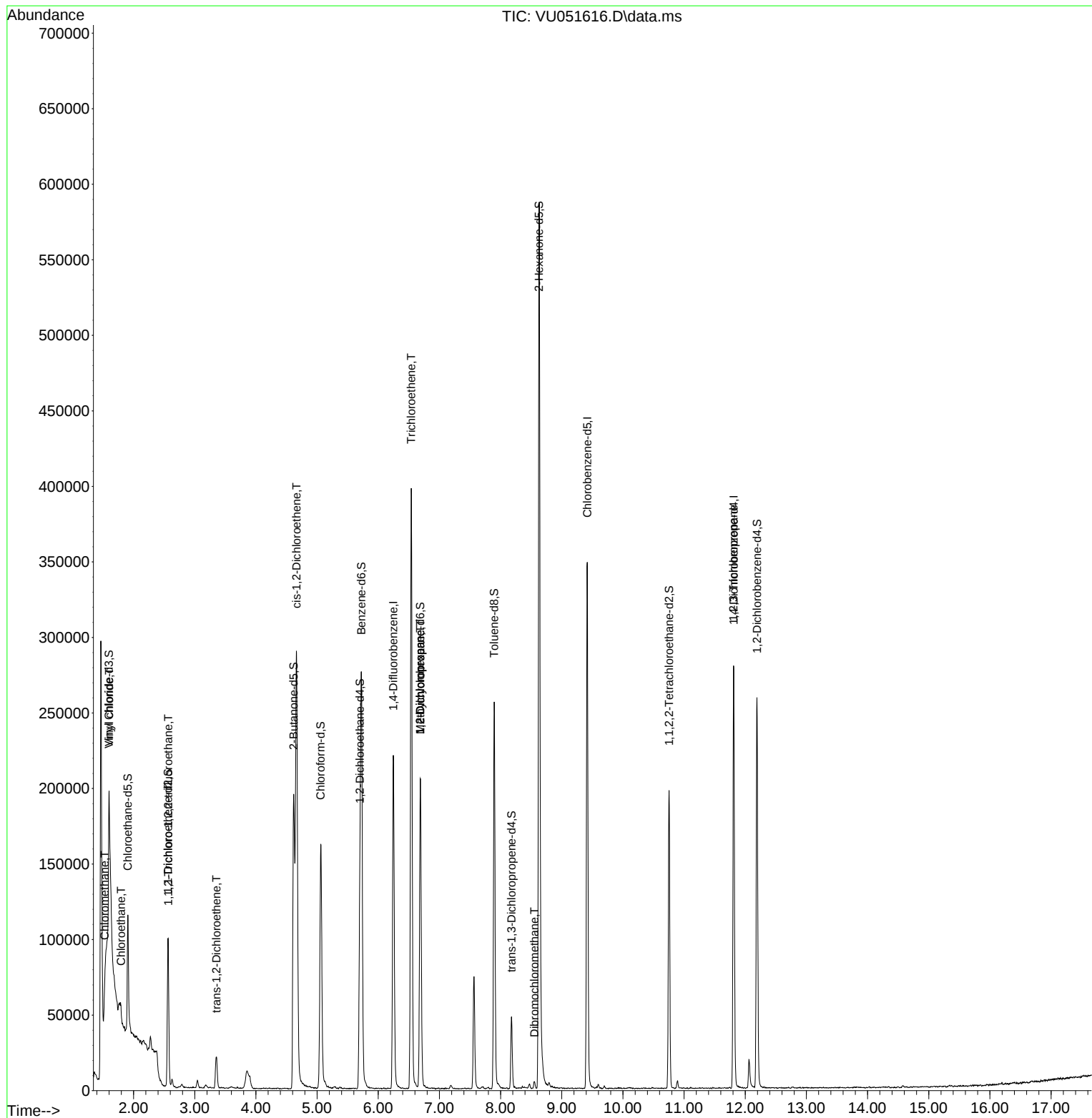
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	79071	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51492	3.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.906	69	62009	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.565	65	18665	3.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.616	46	278703	55.574	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.140%
24) Chloroform-d	5.060	84	152143	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.700	65	88375	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	265780	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.687	67	104008	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.896	98	177983	3.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.179	79	28272	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.629	63	198070	48.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100546	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	72327	4.984	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.526	50	3179	0.125	ug/L #	81
5) Vinyl chloride	1.600	62	2593	0.107	ug/L #	1
8) Chloroethane	1.797	64	6823	0.463	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	731	0.047	ug/L #	24
18) trans-1,2-Dichloroethene	3.356	96	9296	0.542	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	148674	7.833	ug/L	98
34) Trichloroethene	6.539	95	139622	7.333	ug/L	99
35) Methylcyclohexane	6.687	83	22723	0.863	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10367	0.511	ug/L #	88
49) Dibromochloromethane	8.552	129	1138	0.067	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	8835	0.864	ug/L #	67

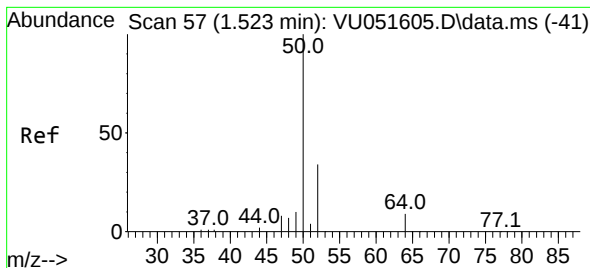
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.125 ug/L

RT: 1.526 min Scan# 50

Delta R.T. 0.003 min

Lab File: VU051616.D

Acq: 31 Oct 2022 17:09

Instrument :

MSVOA_U

ClientSampleId :

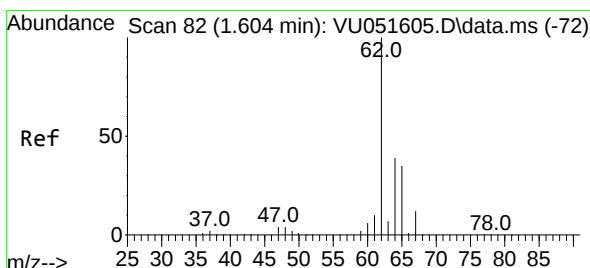
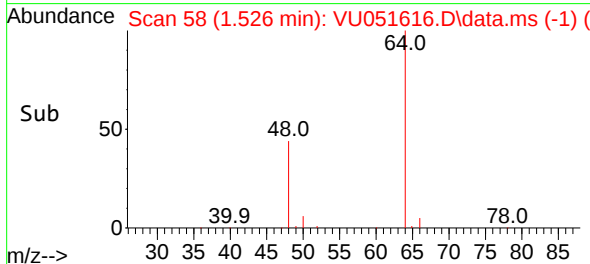
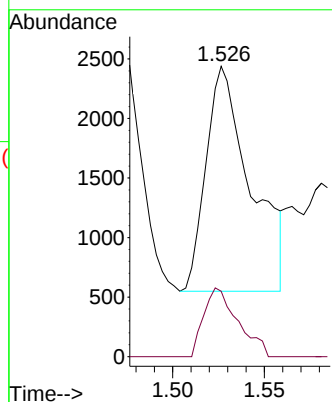
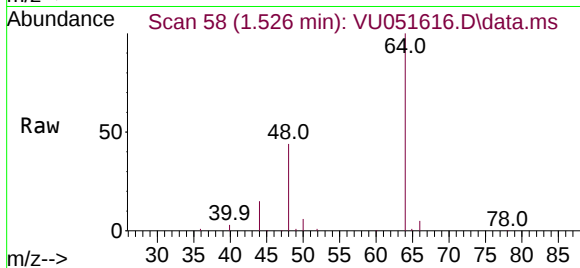
DBWP0

Tgt Ion: 50 Resp: 3179

Ion Ratio Lower Upper

50 100

52 22.5 23.2 43.2#



#5

Vinyl chloride

Concen: 0.107 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU051616.D

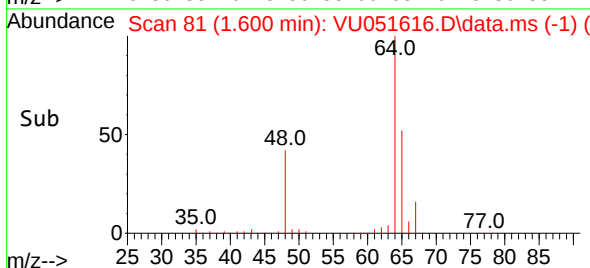
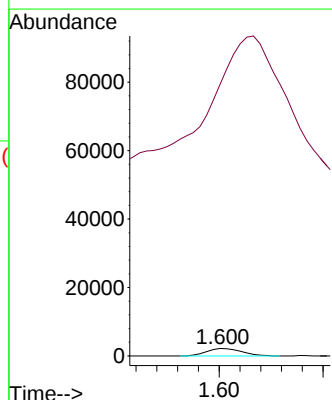
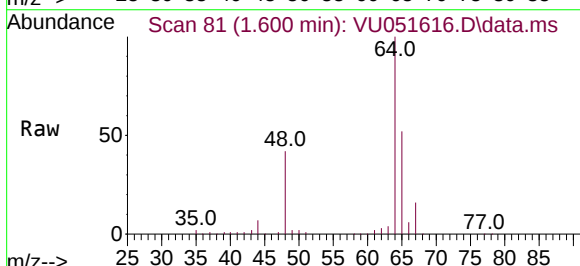
Acq: 31 Oct 2022 17:09

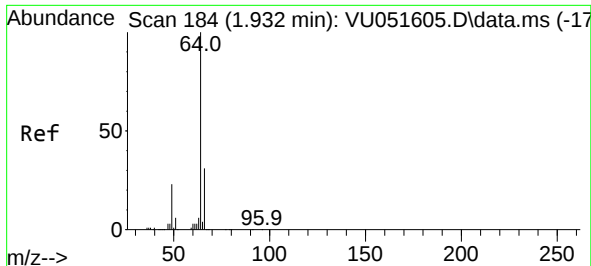
Tgt Ion: 62 Resp: 2593

Ion Ratio Lower Upper

62 100

64 3620.3 22.1 41.1#

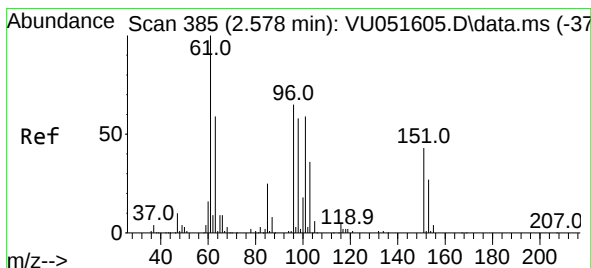
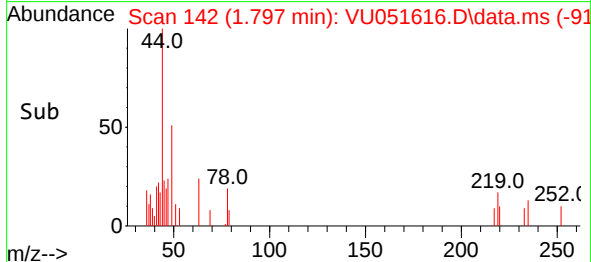
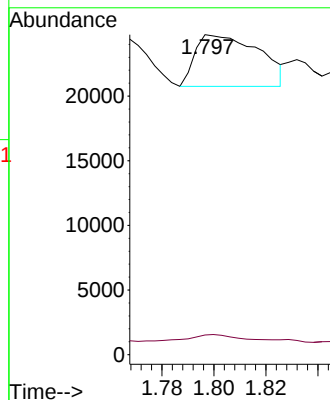
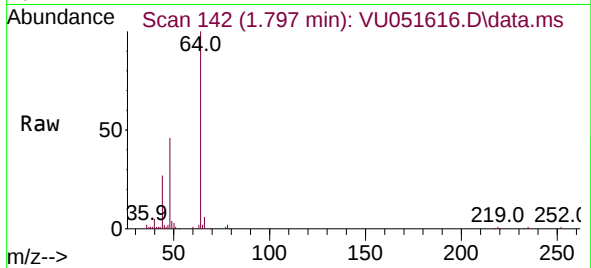




#8
Chloroethane
Concen: 0.463 ug/L
RT: 1.797 min Scan# 14
Delta R.T. -0.135 min
Lab File: VU051616.D
Acq: 31 Oct 2022 17:09

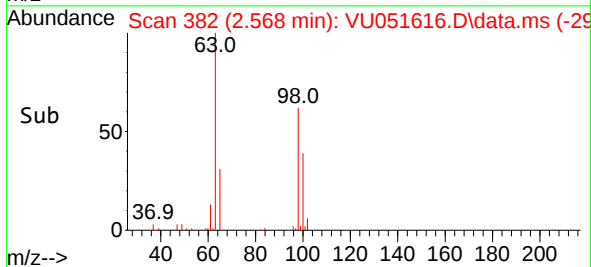
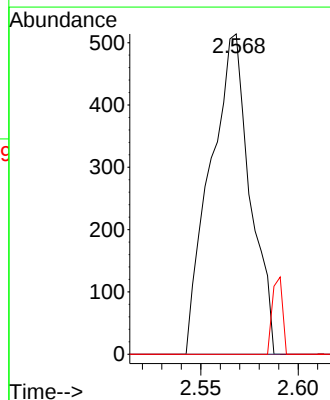
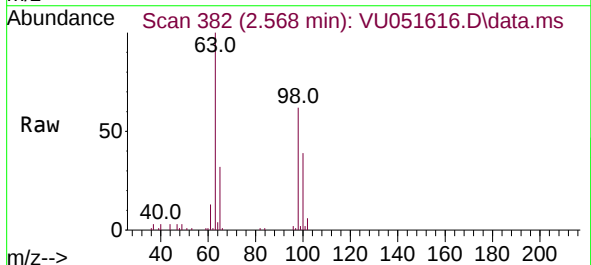
Instrument :
MSVOA_U
ClientSampleId :
DBWP0

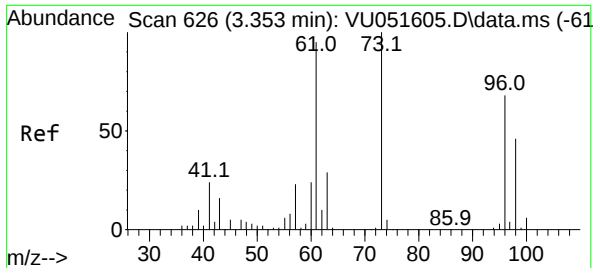
Tgt Ion: 64 Resp: 6823
Ion Ratio Lower Upper
64 100
66 6.2 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU051616.D
Acq: 31 Oct 2022 17:09

Tgt Ion: 101 Resp: 731
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 6.2 59.6 89.4#

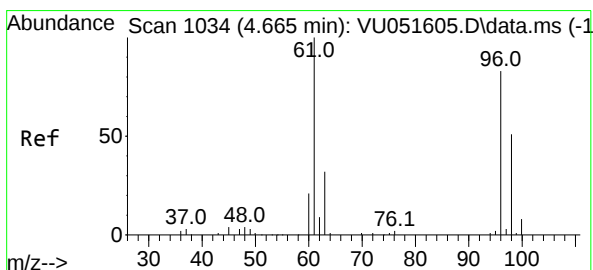
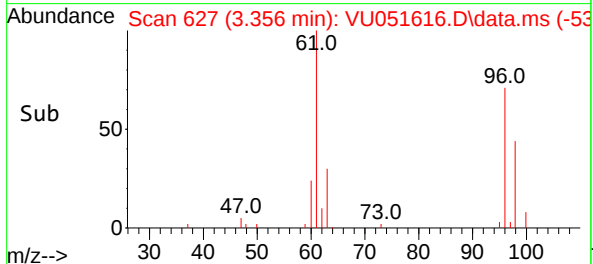
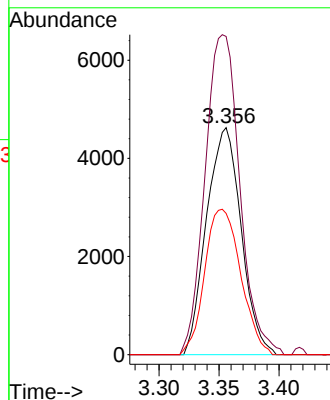
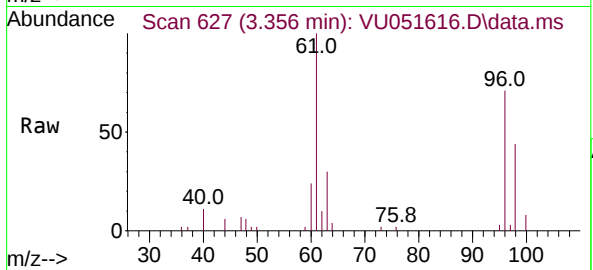




#18
trans-1,2-Dichloroethene
Concen: 0.542 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051616.D
Acq: 31 Oct 2022 17:09

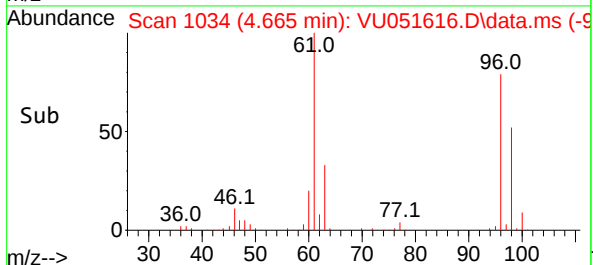
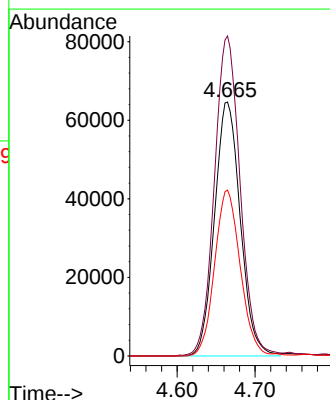
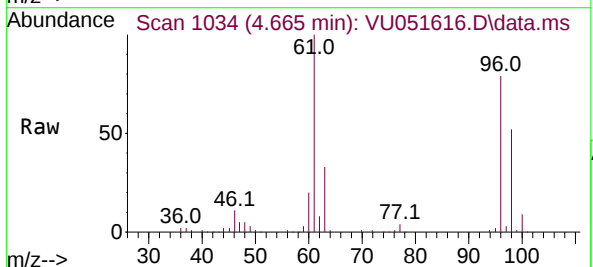
Instrument :
MSVOA_U
ClientSampleId :
DBWP0

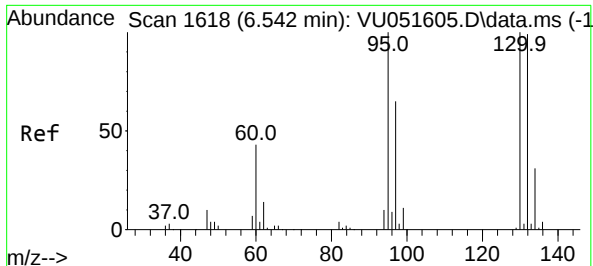
Tgt Ion: 96 Resp: 9296
Ion Ratio Lower Upper
96 100
61 140.1 94.7 175.9
98 62.2 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 7.833 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051616.D
Acq: 31 Oct 2022 17:09

Tgt Ion: 96 Resp: 148674
Ion Ratio Lower Upper
96 100
61 126.0 86.4 160.4
98 65.3 44.2 82.2

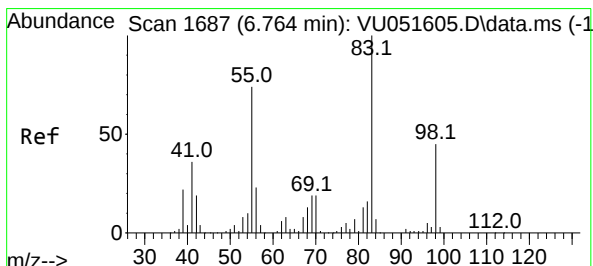
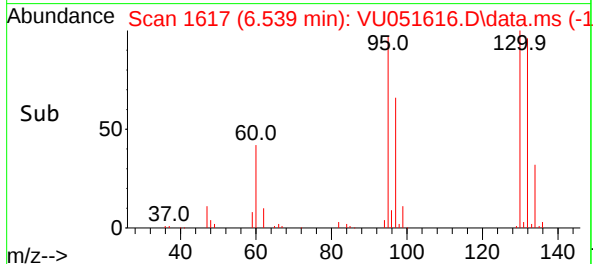
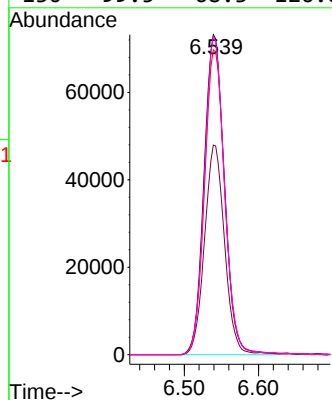
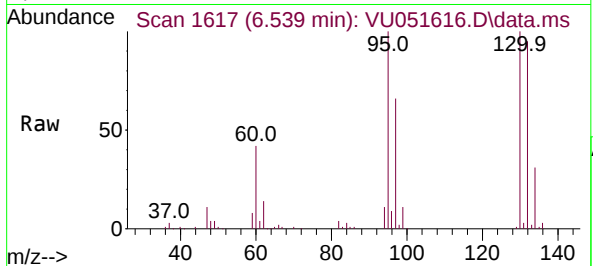




#34
Trichloroethene
Concen: 7.333 ug/L
RT: 6.539 min Scan# 1663
Delta R.T. -0.003 min
Lab File: VU051616.D
Acq: 31 Oct 2022 17:09

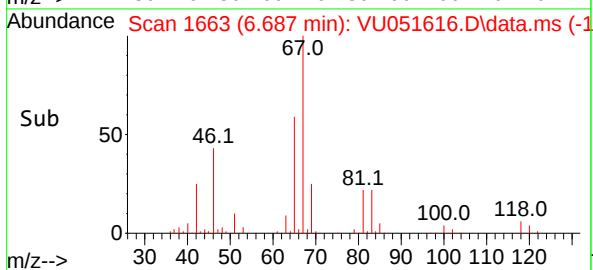
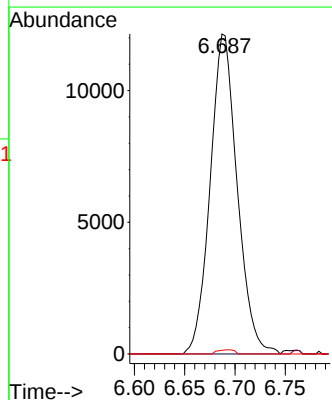
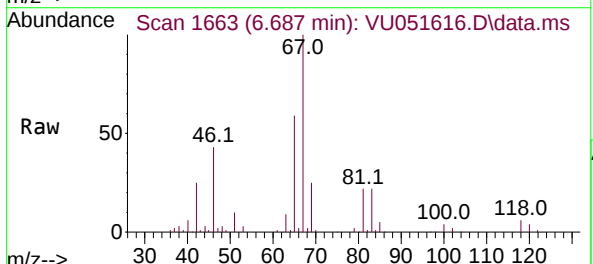
Instrument :
MSVOA_U
ClientSampleId :
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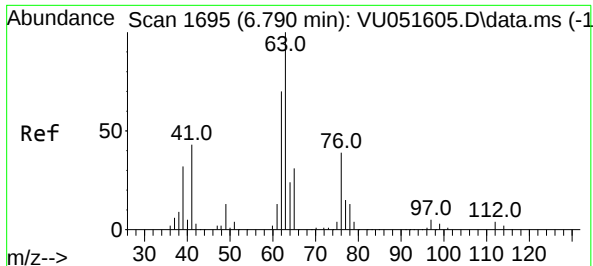
Tgt Ion: 95 Resp: 139622
Ion Ratio Lower Upper
95 100
97 65.5 45.2 84.0
132 95.3 66.5 123.5
130 99.5 68.3 126.8



#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU051616.D
Acq: 31 Oct 2022 17:09

Tgt Ion: 83 Resp: 22723
Ion Ratio Lower Upper
83 100
55 0.3 60.6 90.8#
98 0.8 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051616.D

Acq: 31 Oct 2022 17:09

Instrument :

MSVOA_U

ClientSampleId :

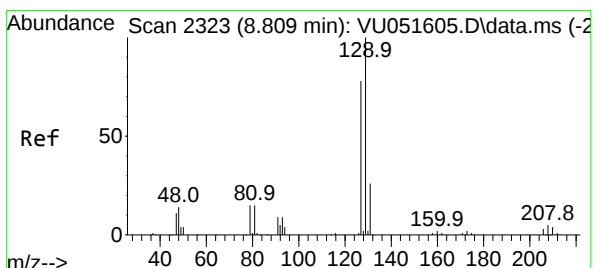
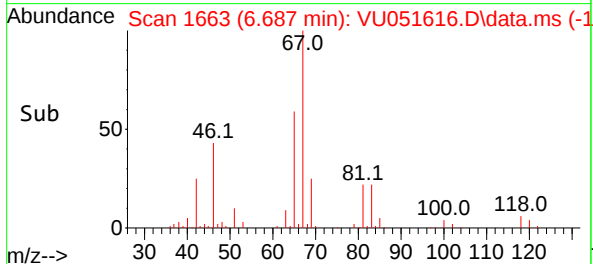
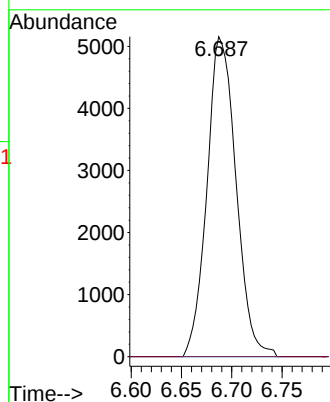
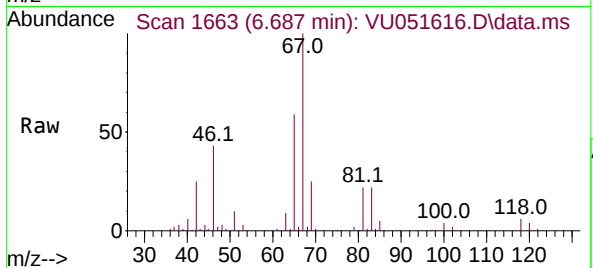
DBWP0

Tgt Ion: 63 Resp: 10367

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051616.D

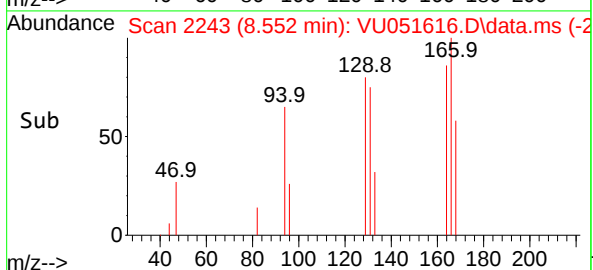
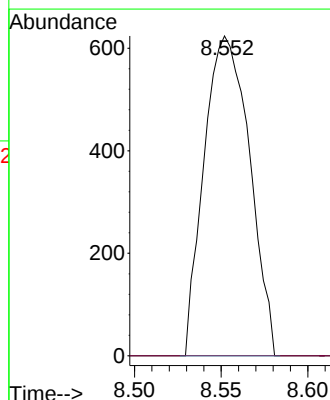
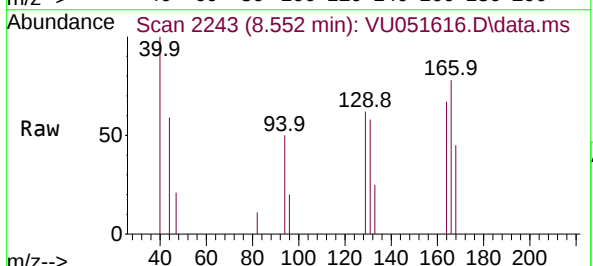
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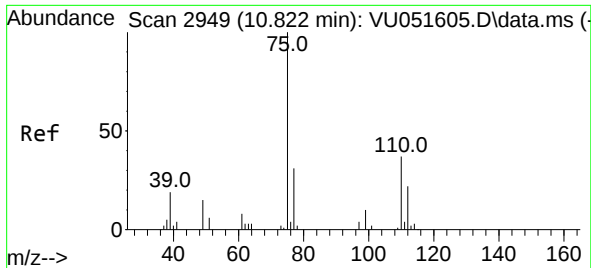
Tgt Ion: 129 Resp: 1138

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#





#61

1,2,3-Trichloropropane

Concen: 0.864 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU051616.D

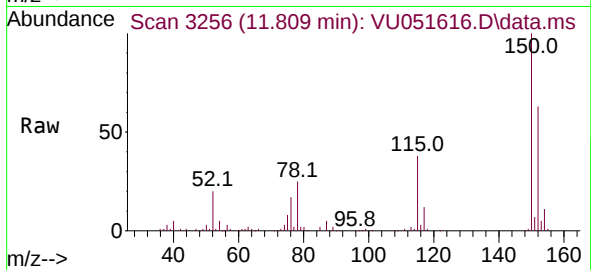
Acq: 31 Oct 2022 17:09

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Tgt Ion:	75	Resp:	8835
Ion	Ratio	Lower	Upper
75	100		
110	0.5	28.7	43.1#
77	31.1	26.1	39.1

