

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051637.D
 Acq On : 01 Nov 2022 02:25
 Operator : JC/MD
 Sample : N5321-24
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWX3

Quant Time: Nov 01 06:00:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

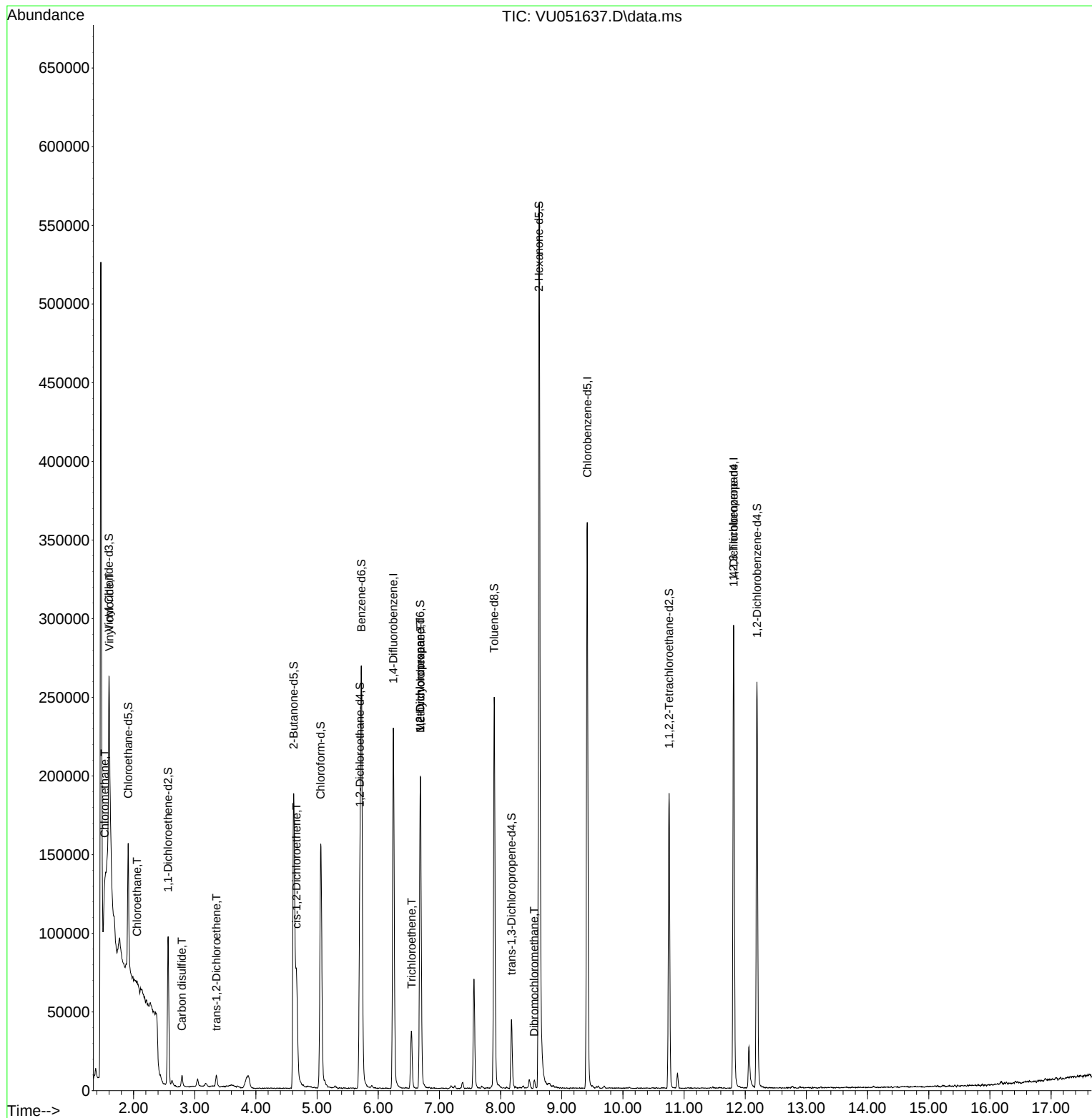
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189675	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207807	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47484	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.912	69	60403	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.565	65	17195	3.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.617	46	272078	52.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.060	84	148170	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	83809	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.726	84	251388	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.687	67	99521	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.896	98	167636	3.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.179	79	25219	3.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.629	63	190424	45.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	95179	4.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	71213	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	4208	0.161	ug/L #	78
5) Vinyl chloride	1.604	62	6210	0.248	ug/L #	1
8) Chloroethane	2.057	64	8184	0.538	ug/L #	51
14) Carbon disulfide	2.790	76	10410	0.196	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	3232	0.183	ug/L	85
22) cis-1,2-Dichloroethene	4.665	96	30216	1.543	ug/L	94
34) Trichloroethene	6.546	95	13090	0.661	ug/L	98
35) Methylcyclohexane	6.690	83	22568	0.825	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10355	0.491	ug/L #	88
49) Dibromochloromethane	8.549	129	1190	0.067	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	9852	0.910	ug/L #	69

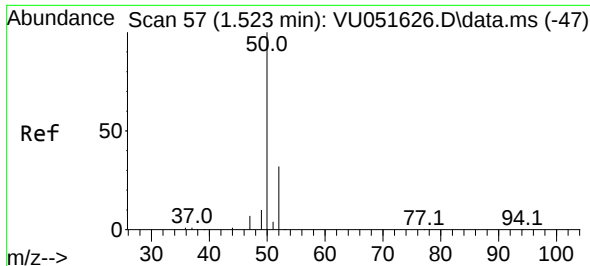
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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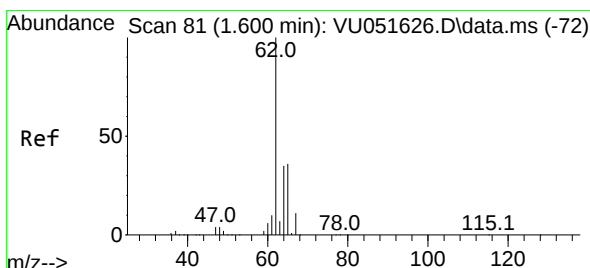
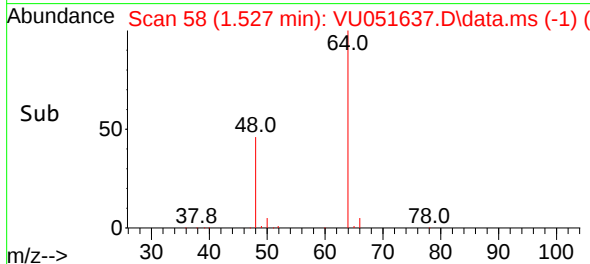
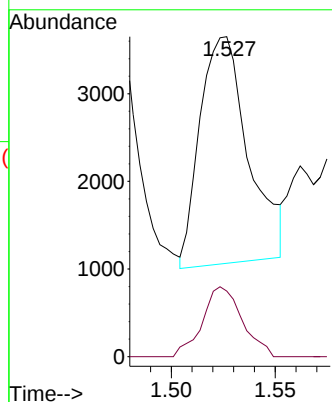
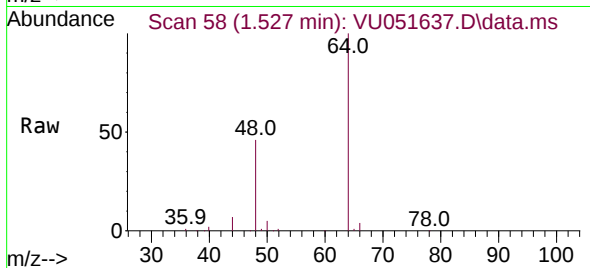




#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.527 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

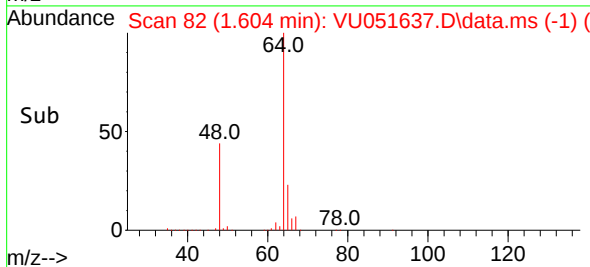
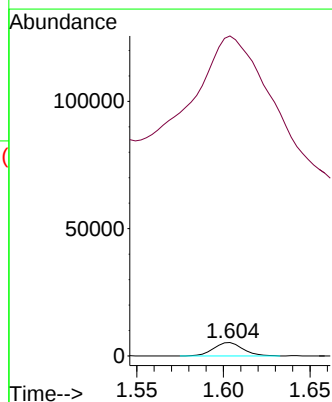
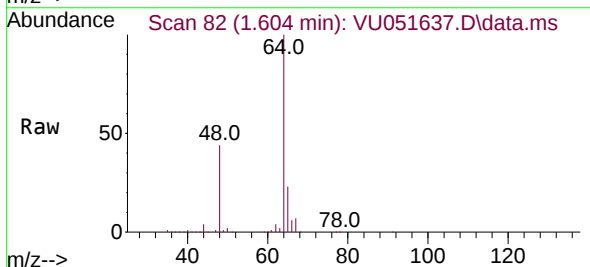
Instrument :
MSVOA_U
ClientSampleId :
DBWX3

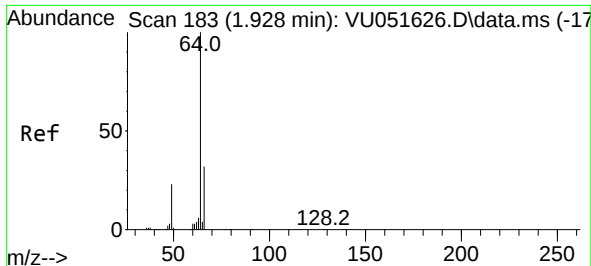
Tgt Ion: 50 Resp: 4208
Ion Ratio Lower Upper
50 100
52 20.5 23.2 43.2#



#5
Vinyl chloride
Concen: 0.248 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

Tgt Ion: 62 Resp: 6210
Ion Ratio Lower Upper
62 100
64 2376.4 22.1 41.1#

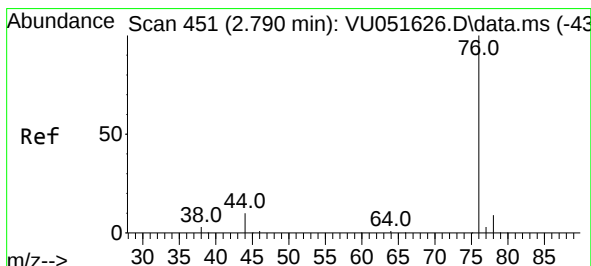
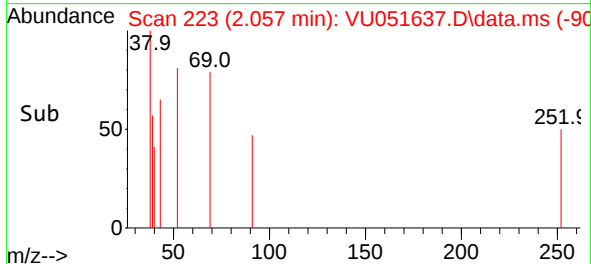
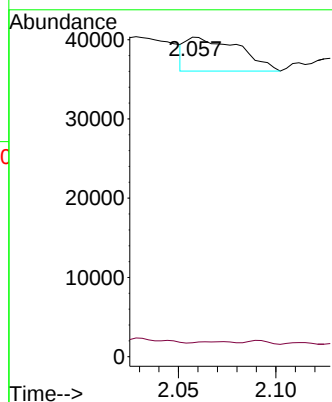
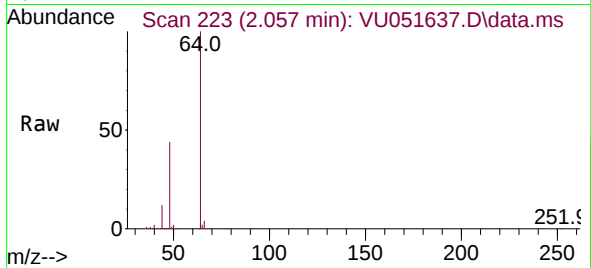




#8
Chloroethane
Concen: 0.538 ug/L
RT: 2.057 min Scan# 21
Delta R.T. 0.129 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

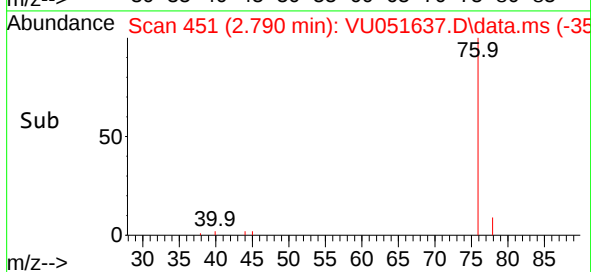
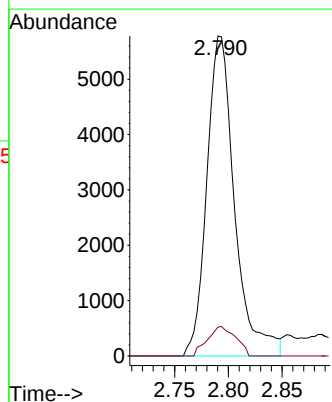
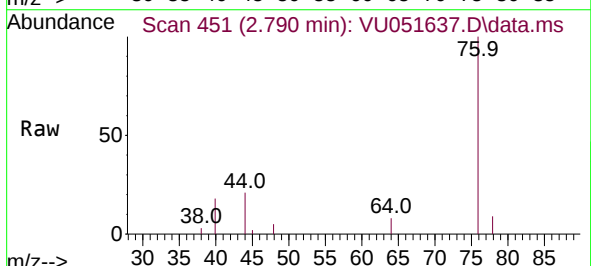
Instrument :
MSVOA_U
ClientSampleId :
DBWX3

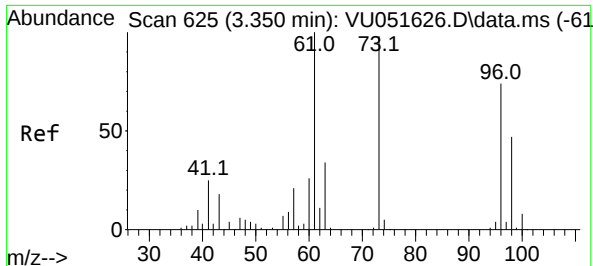
Tgt Ion: 64 Resp: 8184
Ion Ratio Lower Upper
64 100
66 4.3 22.3 41.5#



#14
Carbon disulfide
Concen: 0.196 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

Tgt Ion: 76 Resp: 10410
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

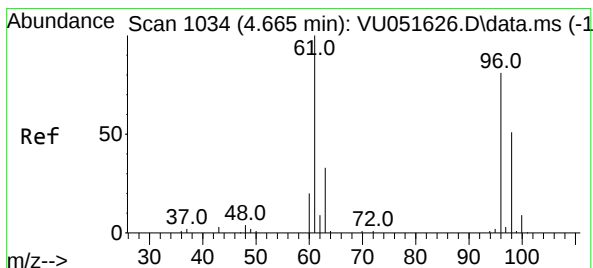
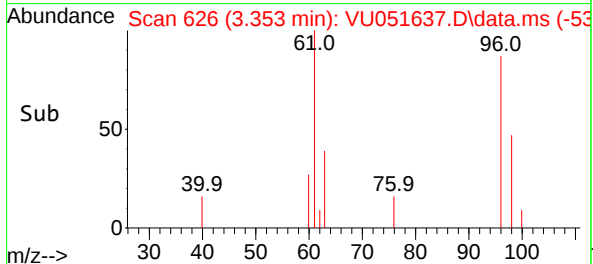
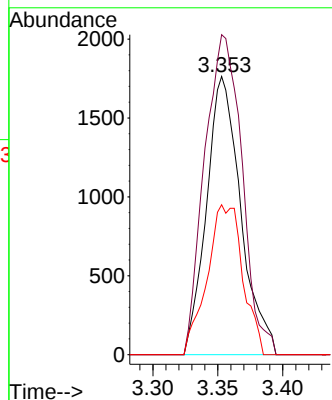
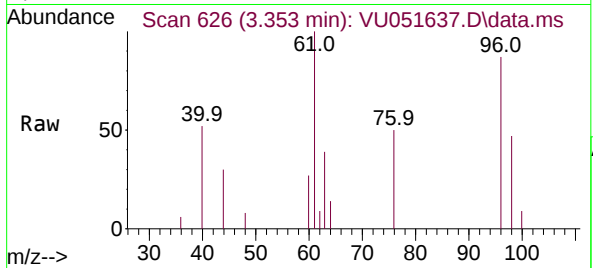




#18
trans-1,2-Dichloroethene
Concen: 0.183 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

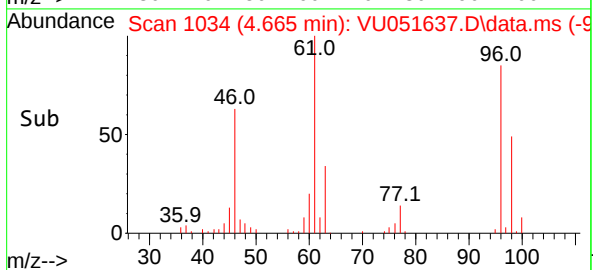
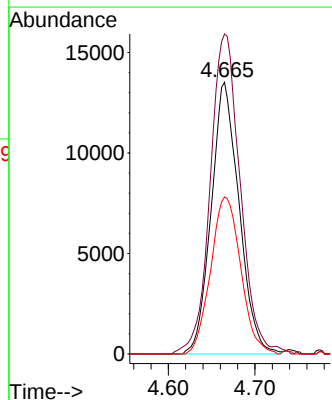
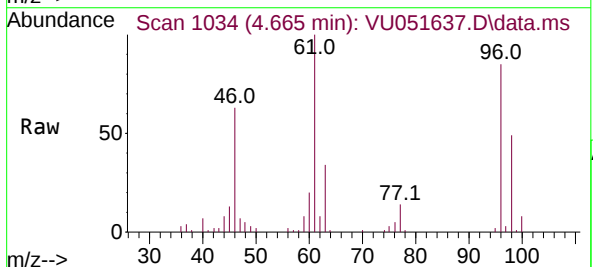
Instrument :
MSVOA_U
ClientSampleId :
DBWX3

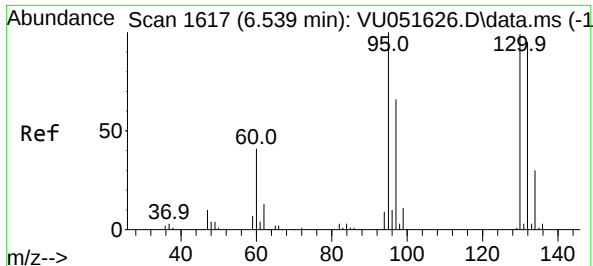
Tgt Ion: 96 Resp: 3232
Ion Ratio Lower Upper
96 100
61 115.0 94.7 175.9
98 53.9 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 1.543 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

Tgt Ion: 96 Resp: 30216
Ion Ratio Lower Upper
96 100
61 117.8 86.4 160.4
98 57.8 44.2 82.2



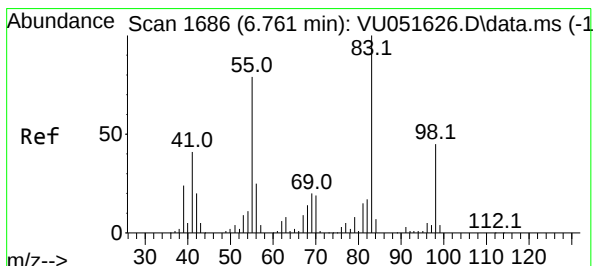
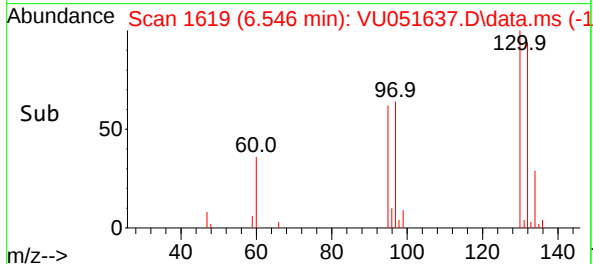
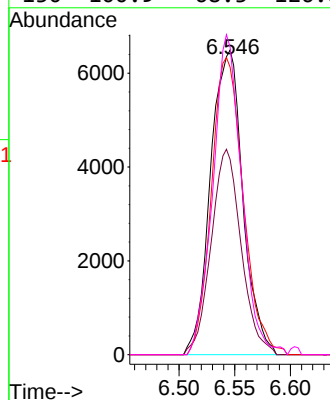
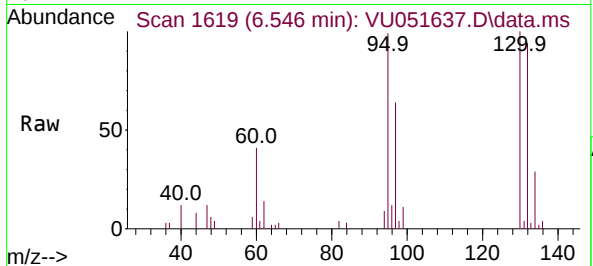


#34
Trichloroethene
Concen: 0.661 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.007 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

Instrument :
MSVOA_U
ClientSampleId :
DBWX3

Tgt Ion: 95 Resp: 13090

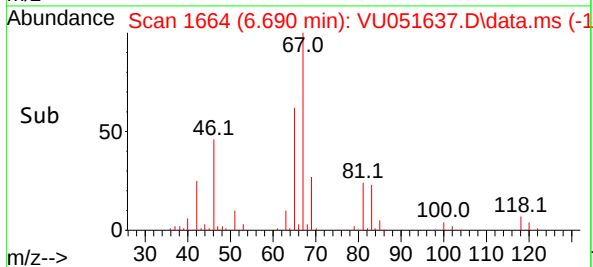
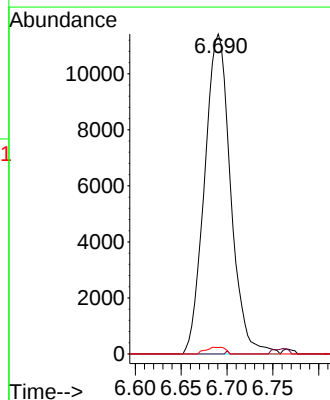
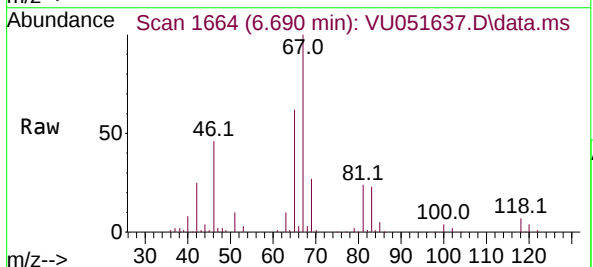
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.2	84.0
132	94.4	66.5	123.5
130	100.9	68.3	126.8

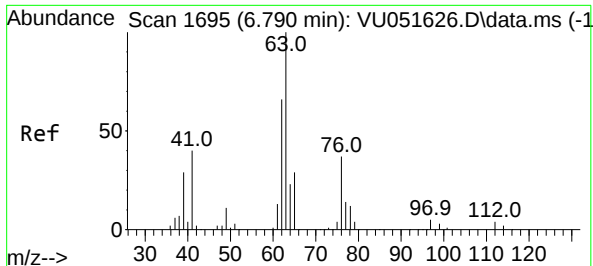


#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051637.D
Acq: 01 Nov 2022 02:25

Tgt Ion: 83 Resp: 22568

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.6	90.8#
98	1.6	35.8	53.6#





#37

1,2-Dichloropropane

Concen: 0.491 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051637.D

Acq: 01 Nov 2022 02:25

Instrument :

MSVOA_U

ClientSampleId :

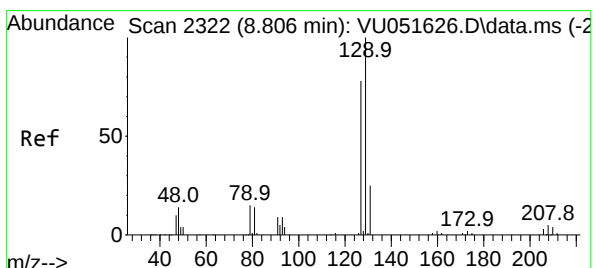
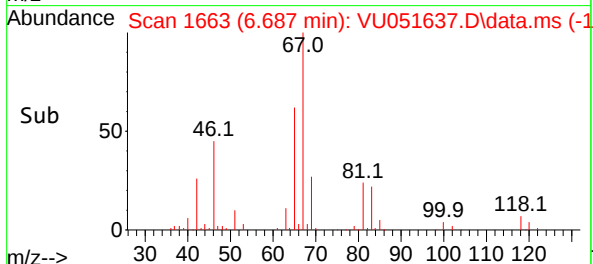
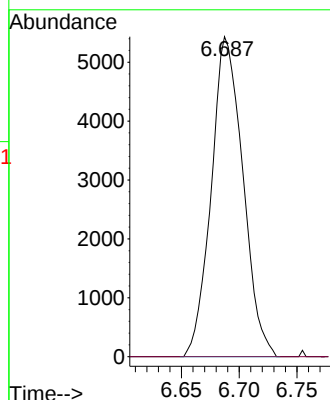
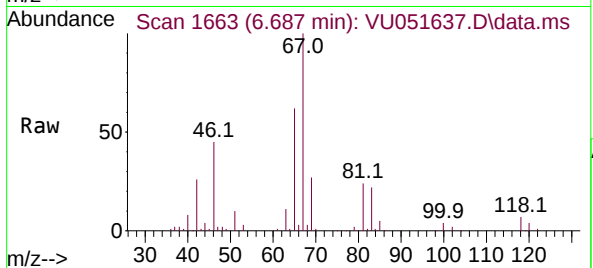
DBWX3

Tgt Ion: 63 Resp: 10355

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU051637.D

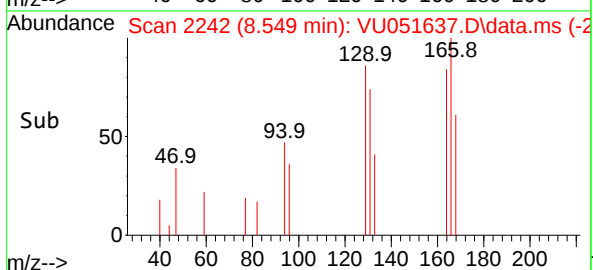
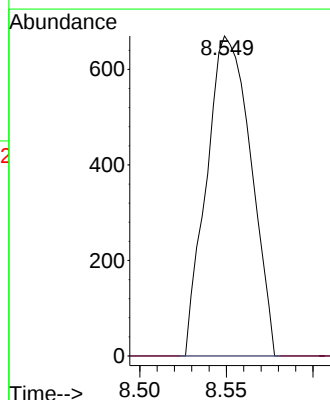
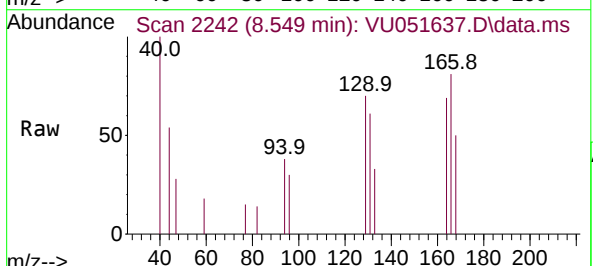
Acq: 01 Nov 2022 02:25

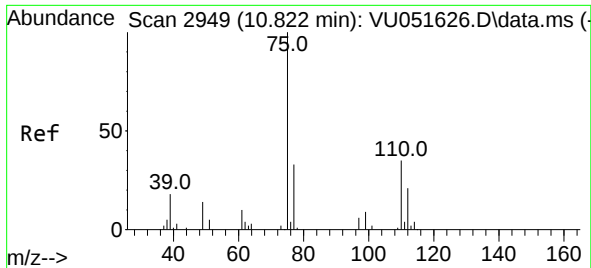
Tgt Ion: 129 Resp: 1190

Ion Ratio Lower Upper

129 100

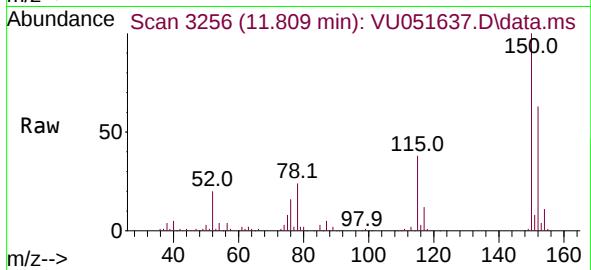
127 0.0 54.8 101.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.910 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051637.D
 Acq: 01 Nov 2022 02:25

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWX3



Tgt Ion: 75 Resp: 9852
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.7 43.1#
 77 32.6 26.1 39.1

