

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032323\
 Data File : VU053373.D
 Acq On : 23 Mar 2023 15:47
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK119

Quant Time: Mar 24 12:21:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

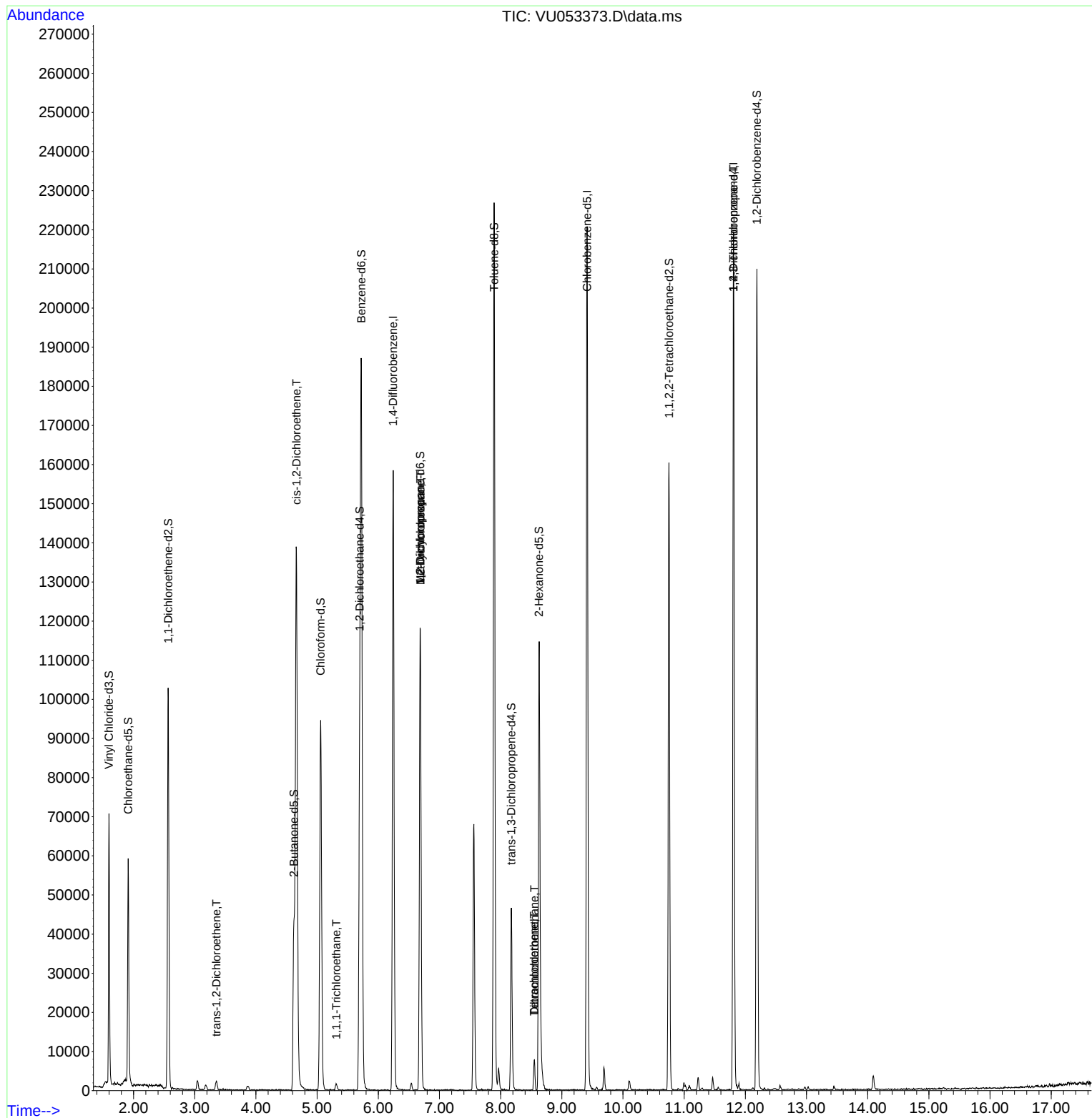
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	124967	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	117392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	54113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	47479	41.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.360%
7) Chloroethane-d5	1.913	69	41278	44.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	2.565	63	60468	30.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.560%
21) 2-Butanone-d5	4.620	46	60738	113.589	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.590%
24) Chloroform-d	5.057	84	82629	43.515	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
26) 1,2-Dichloroethane-d4	5.697	65	57134	48.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.900%
32) Benzene-d6	5.723	84	174761	45.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.684	67	58452	47.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	7.893	98	153796	43.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	8.173	79	26312	43.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.800%
47) 2-Hexanone-d5	8.626	63	39913	103.886	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.890%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	81121	50.957	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	12.189	152	49633	47.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.740%
Target Compounds						
17) trans-1,2-Dichloroethene	3.353	96	1040	1.117	ug/L	88
20) cis-1,2-Dichloroethene	4.662	96	66807	61.082	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	1410	0.881	ug/L #	83
35) Methylcyclohexane	6.687	83	12770	6.865	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	6118	5.388	ug/L #	90
46) Tetrachloroethene	8.549	164	1499	2.171	ug/L	92
49) Dibromochloromethane	8.552	129	1663	1.572	ug/L #	12
60) 1,2,3-Trichloropropane	11.806	75	8334	7.751	ug/L #	68

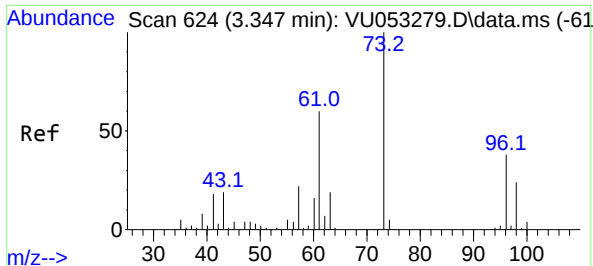
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VIBLK119

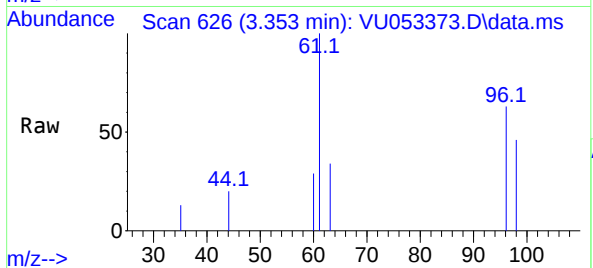
Quant Time: Mar 24 12:21:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
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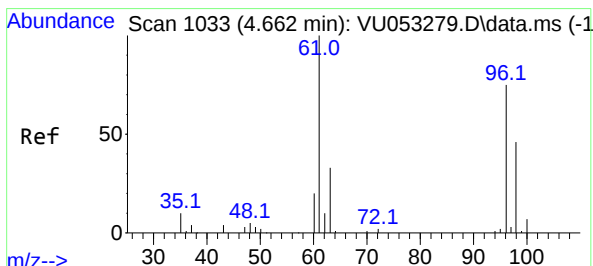
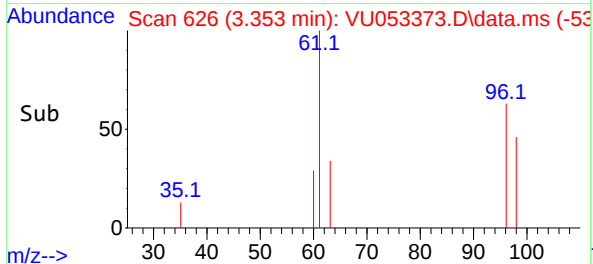
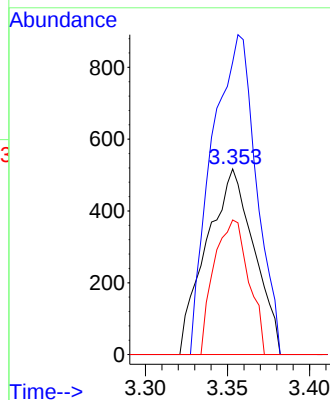


#17
trans-1,2-Dichloroethene
Concen: 1.117 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053373.D
Acq: 23 Mar 2023 15:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK119

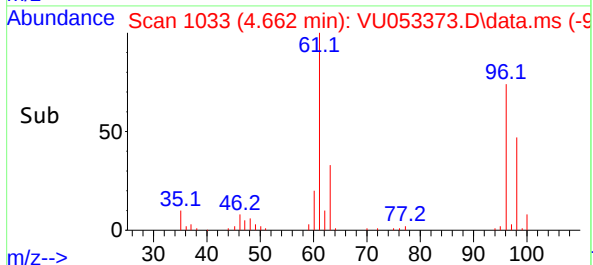
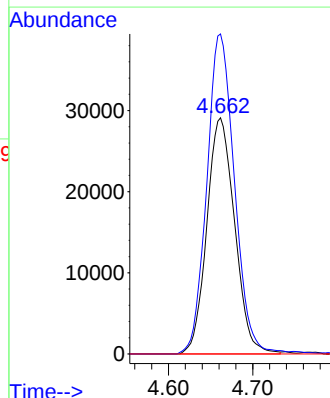
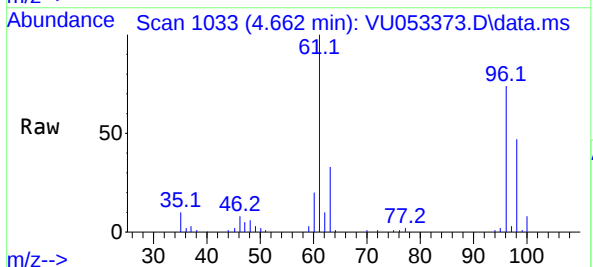


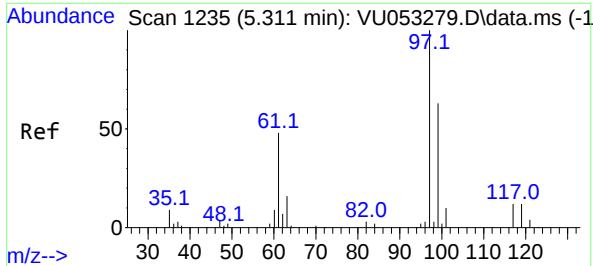
Tgt Ion: 96 Resp: 1040
Ion Ratio Lower Upper
96 100
61 157.6 99.6 185.0
98 72.5 45.5 84.5



#20
cis-1,2-Dichloroethene
Concen: 61.082 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053373.D
Acq: 23 Mar 2023 15:47

Tgt Ion: 96 Resp: 66807
Ion Ratio Lower Upper
96 100
61 135.5 92.5 171.7
68 0.0 0.0 0.0



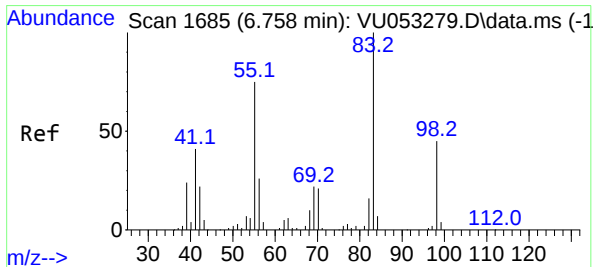
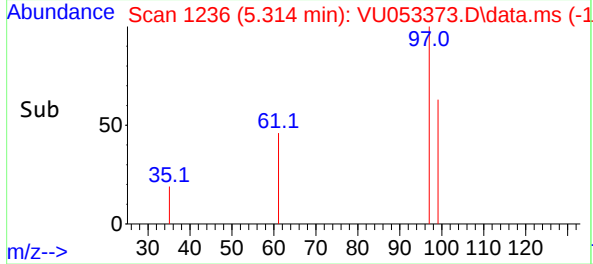
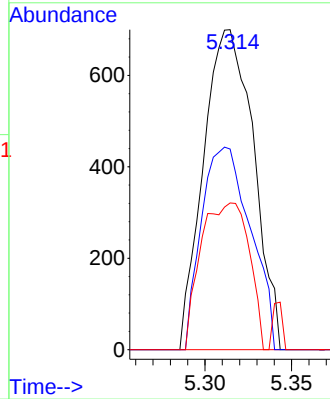
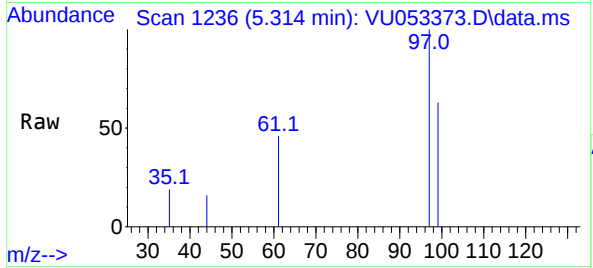


#30
1,1,1-Trichloroethane
Concen: 0.881 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053373.D
Acq: 23 Mar 2023 15:47

Instrument :
MSVOA_U
ClientSampleId :
VIBLK119

Tgt Ion: 97 Resp: 1410

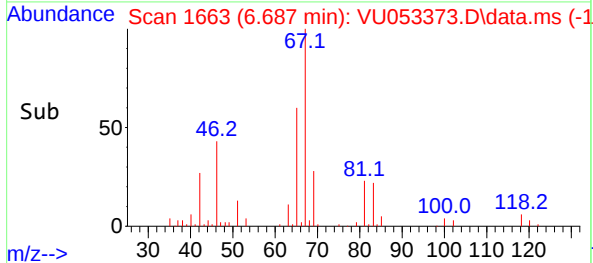
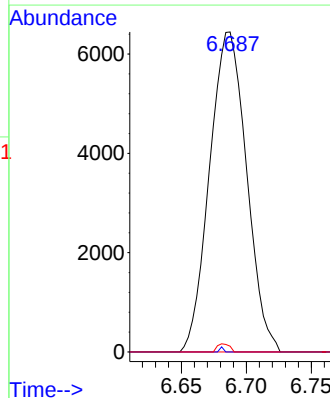
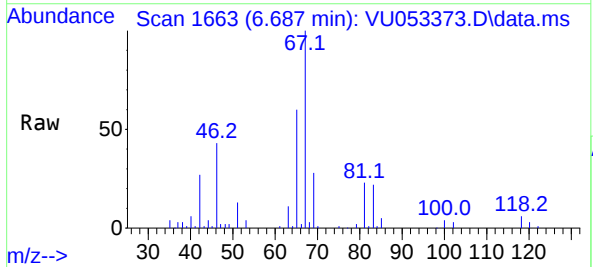
Ion	Ratio	Lower	Upper
97	100		
99	61.8	50.6	76.0
61	19.6	36.0	54.0

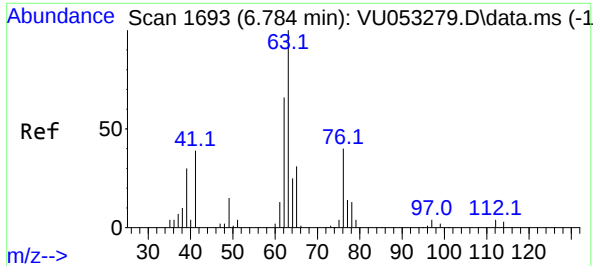


#35
Methylcyclohexane
Concen: 6.865 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053373.D
Acq: 23 Mar 2023 15:47

Tgt Ion: 83 Resp: 12770

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4
98	0.8	35.4	53.2

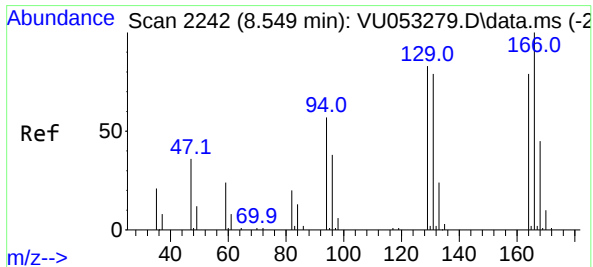
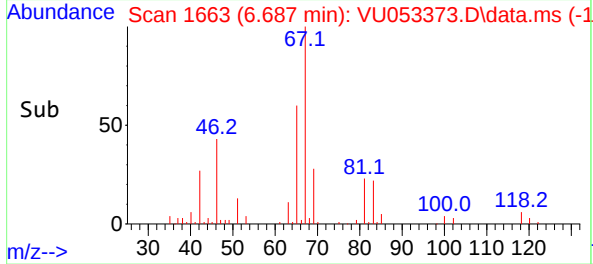
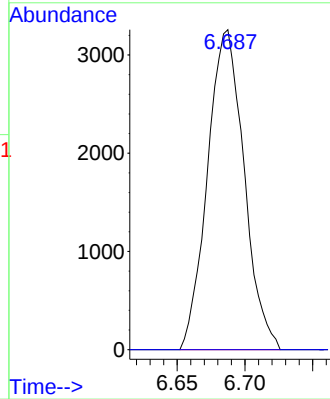
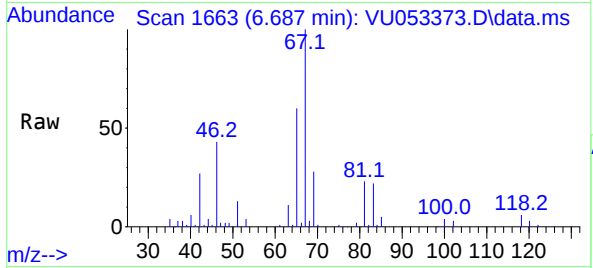




#37
1,2-Dichloropropane
Concen: 5.388 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU053373.D
Acq: 23 Mar 2023 15:47

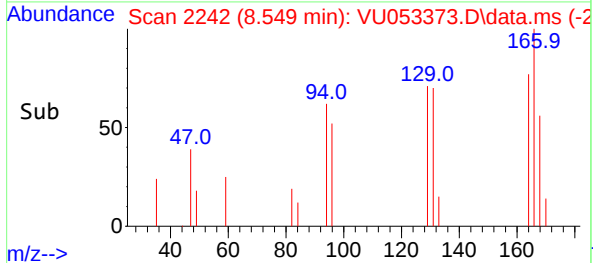
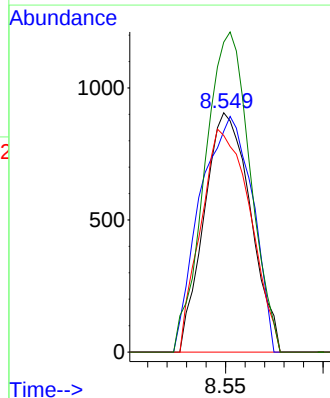
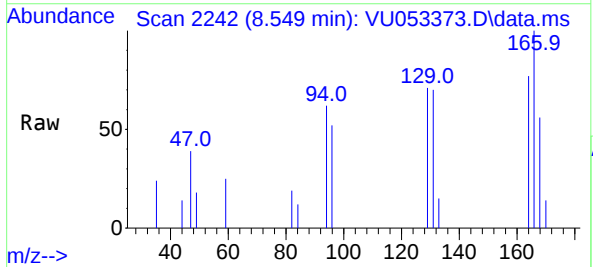
Instrument :
MSVOA_U
ClientSampleId :
VIBLK119

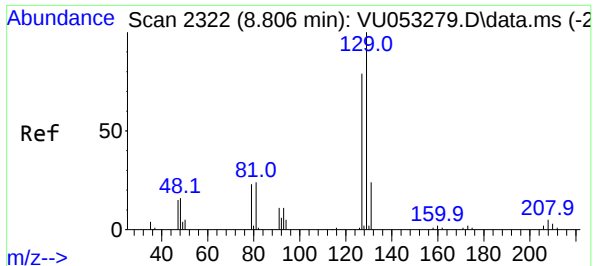
Tgt Ion: 63 Resp: 6118
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#46
Tetrachloroethene
Concen: 2.171 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053373.D
Acq: 23 Mar 2023 15:47

Tgt Ion:164 Resp: 1499
Ion Ratio Lower Upper
164 100
129 92.3 73.6 136.8
131 90.5 70.3 130.7
166 129.5 88.9 165.1





#49

Dibromochloromethane

Concen: 1.572 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU053373.D

Acq: 23 Mar 2023 15:47

Instrument :

MSVOA_U

ClientSampleId :

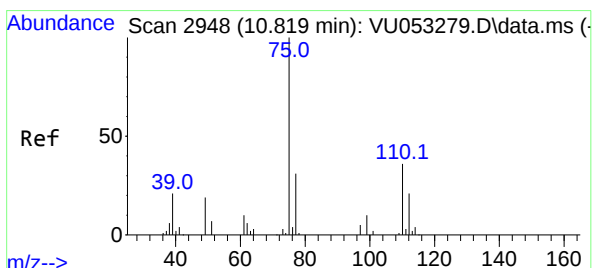
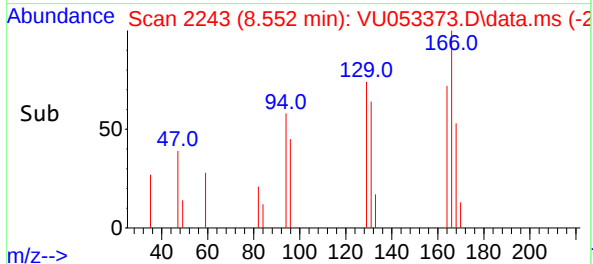
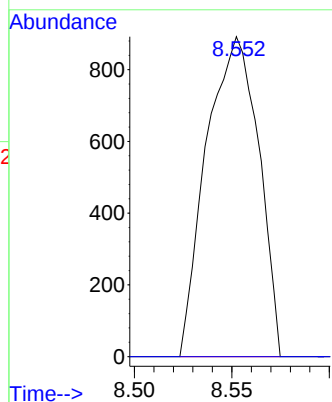
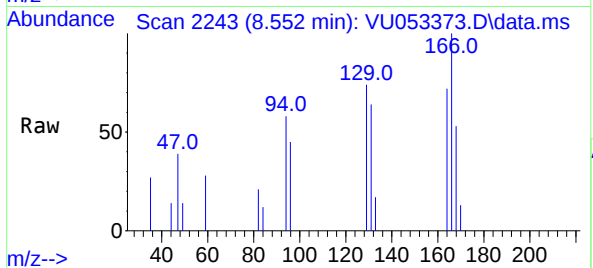
VIBLK119

Tgt Ion:129 Resp: 1663

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



#60

1,2,3-Trichloropropane

Concen: 7.751 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.991 min

Lab File: VU053373.D

Acq: 23 Mar 2023 15:47

Tgt Ion: 75 Resp: 8334

Ion Ratio Lower Upper

75 100

77 30.4 26.6 40.0

110 2.1 28.6 42.8#

