

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053722.D
 Acq On : 14 Apr 2023 18:41
 Operator : JC/MD
 Sample : 02340-06DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE08DL

Quant Time: Apr 15 05:34:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

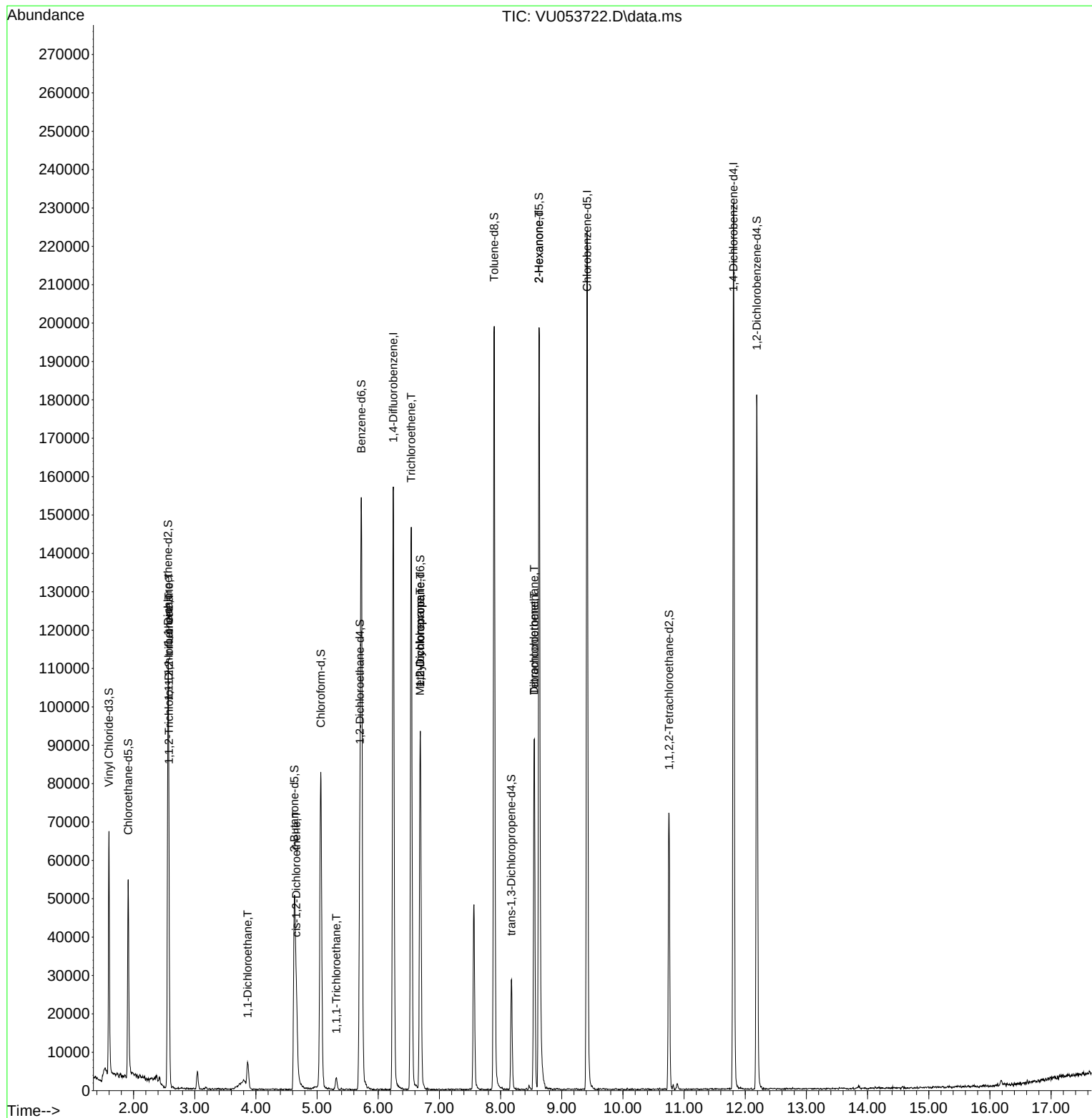
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47869	5.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.200%	
7) Chloroethane-d5	1.912	69	37740	4.439	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.562	65	17657	4.424	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	4.629	46	82494	38.438	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.880%	
24) Chloroform-d	5.060	84	76082	4.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.700	65	38683	4.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.723	84	151642	4.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.687	67	47393	4.288	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.896	98	138161	4.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.176	79	17009	4.011	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.629	63	72382	42.020	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.040%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	36464	3.964	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	48748	4.230	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3256	0.384	ug/L #	91
12) 1,1-Dichloroethene	2.575	96	9116	1.182	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	8620	0.584	ug/L #	96
22) cis-1,2-Dichloroethene	4.662	96	6400	0.593	ug/L	87
29) 1,1,1-Trichloroethane	5.314	97	2496	0.198	ug/L	95
34) Trichloroethene	6.539	95	51053	5.591	ug/L	92
35) Methylcyclohexane	6.684	83	11038	0.704	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4935	0.545	ug/L #	89
47) Tetrachloroethene	8.549	164	20100	2.996	ug/L	95
48) 2-Hexanone	8.629	43	8063	2.461	ug/L #	63
49) Dibromochloromethane	8.549	129	20506	3.226	ug/L #	12

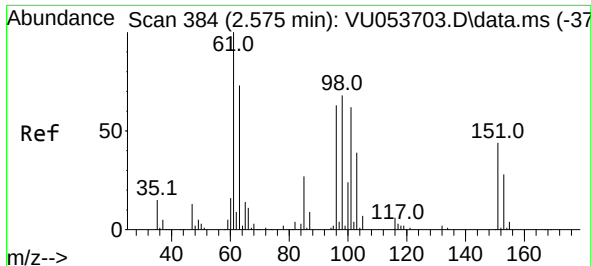
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.384 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU053722.D

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MSVOA_U

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BHE08DL

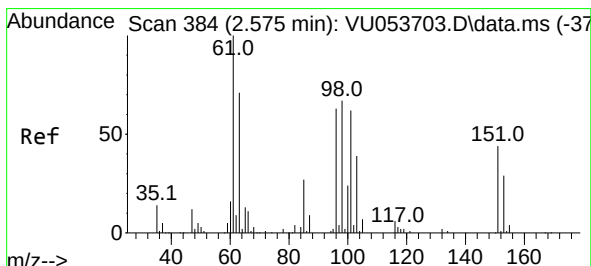
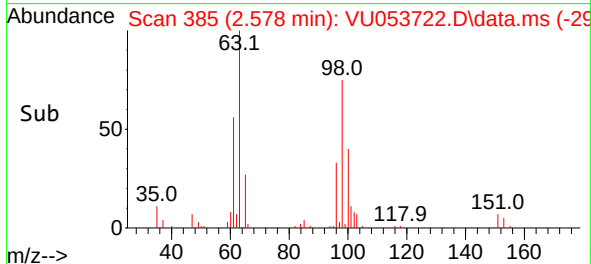
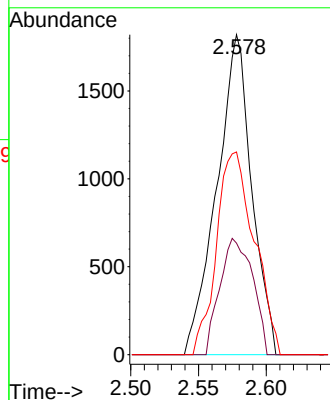
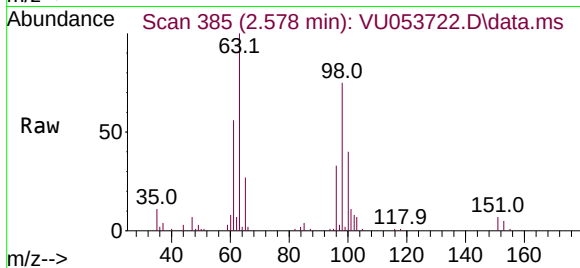
Tgt Ion:101 Resp: 3256

Ion Ratio Lower Upper

101 100

85 34.1 37.0 55.4#

151 68.5 56.8 85.2



#12

1,1-Dichloroethene

Concen: 1.182 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

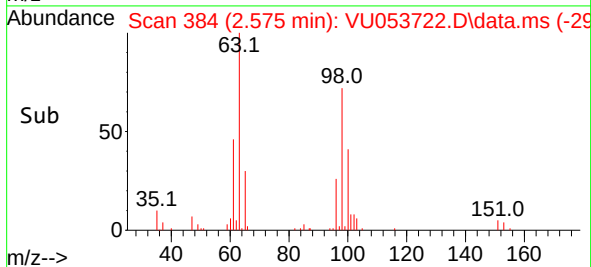
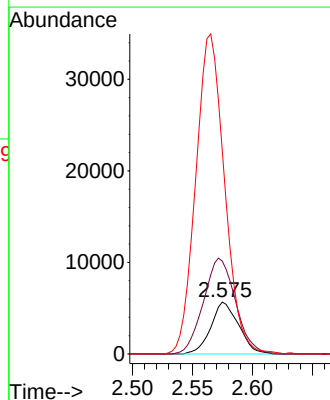
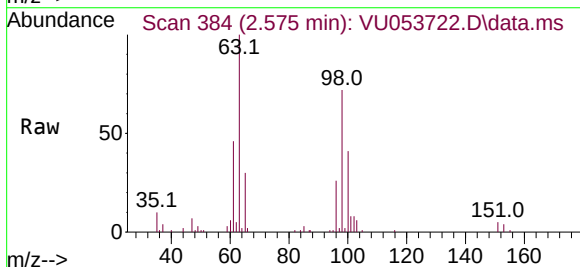
Tgt Ion: 96 Resp: 9116

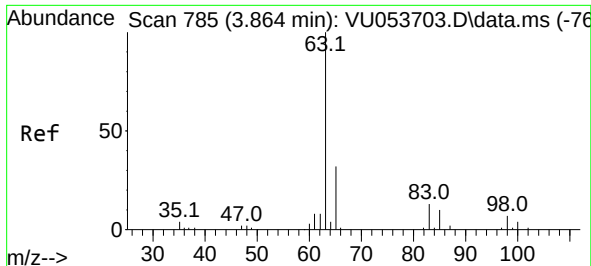
Ion Ratio Lower Upper

96 100

61 178.8 116.8 216.8

63 391.6 88.6 164.6#





#19

1,1-Dichloroethane

Concen: 0.584 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

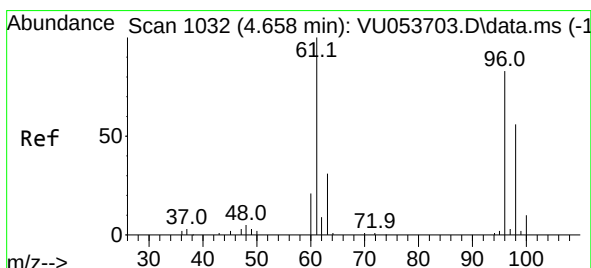
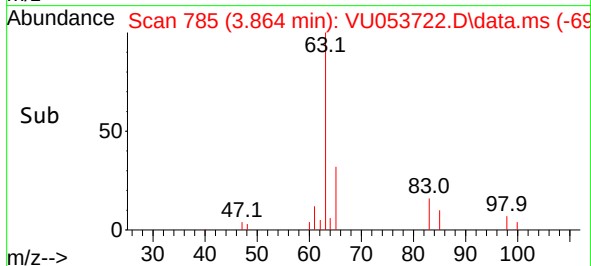
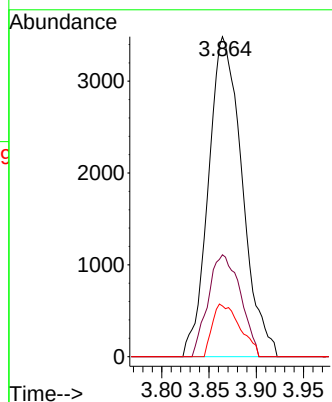
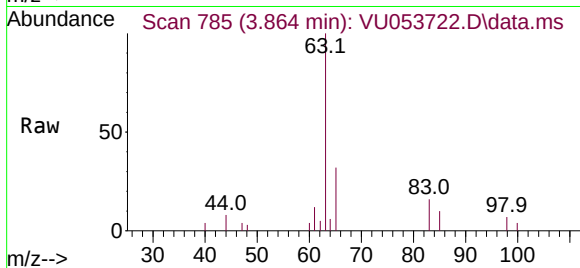
Instrument :

MSVOA_U

ClientSampleId :

BHE08DL

Tgt Ion:	63	Resp:	8620
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.7	40.3
83	15.8	8.1	15.1



#22

cis-1,2-Dichloroethene

Concen: 0.593 ug/L

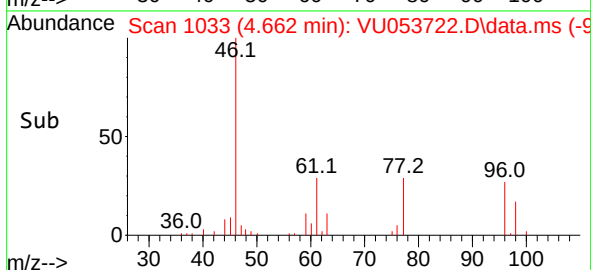
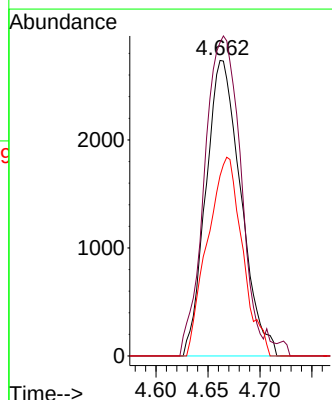
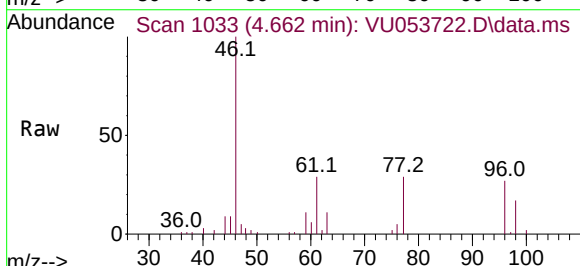
RT: 4.662 min Scan# 1033

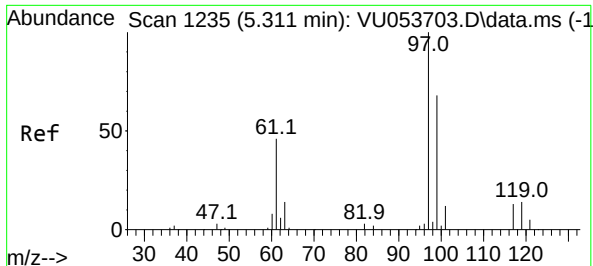
Delta R.T. 0.003 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

Tgt Ion:	96	Resp:	6400
Ion	Ratio	Lower	Upper
96	100		
61	106.0	86.6	160.8
98	61.0	47.7	88.5





#29

1,1,1-Trichloroethane

Concen: 0.198 ug/L

RT: 5.314 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

Instrument :

MSVOA_U

ClientSampleId :

BHE08DL

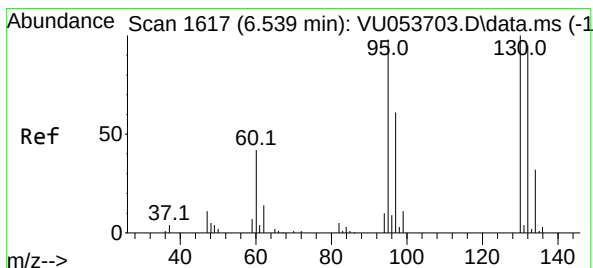
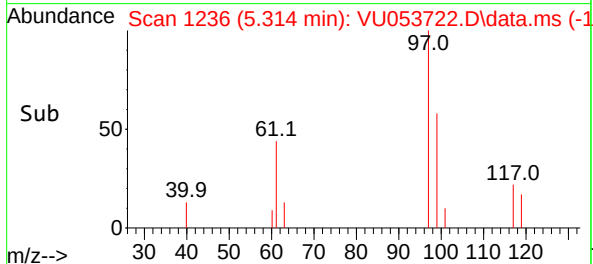
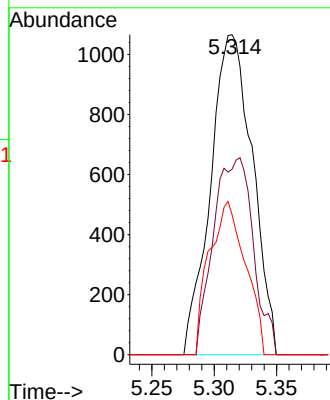
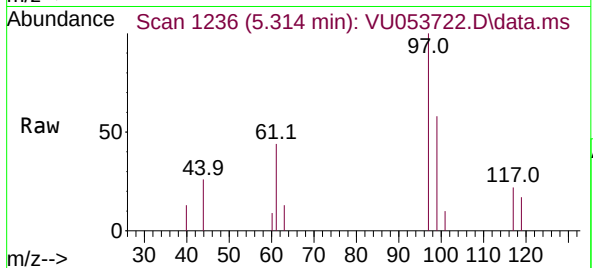
Tgt Ion: 97 Resp: 2496

Ion Ratio Lower Upper

97 100

99 58.4 49.9 74.9

61 41.4 35.7 53.5



#34

Trichloroethene

Concen: 5.591 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

Tgt Ion: 95 Resp: 51053

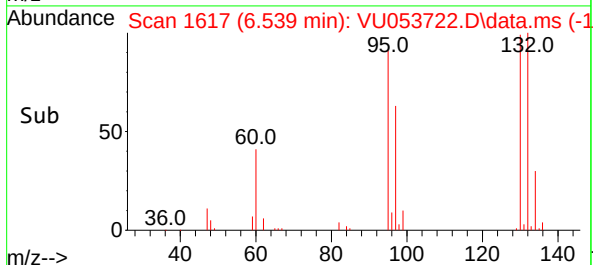
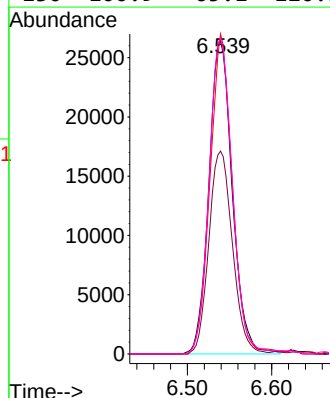
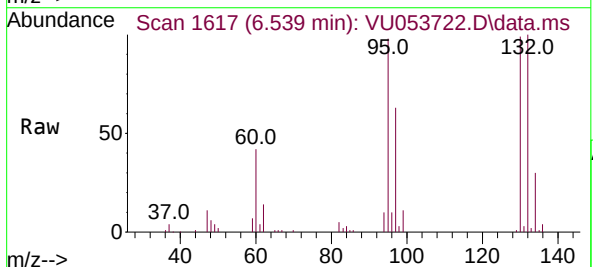
Ion Ratio Lower Upper

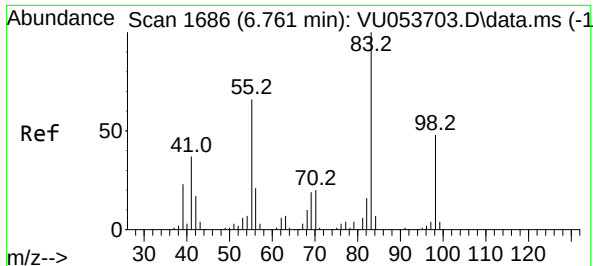
95 100

97 64.8 45.3 84.1

132 102.2 62.8 116.6

130 100.9 65.1 120.9

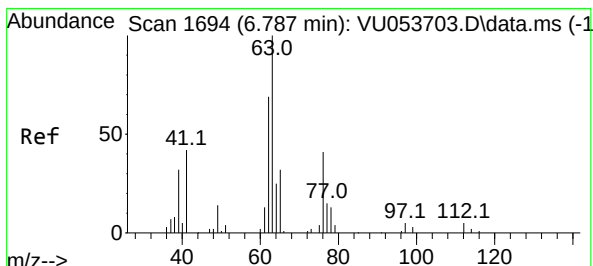
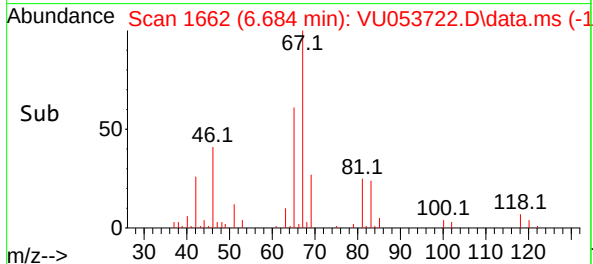
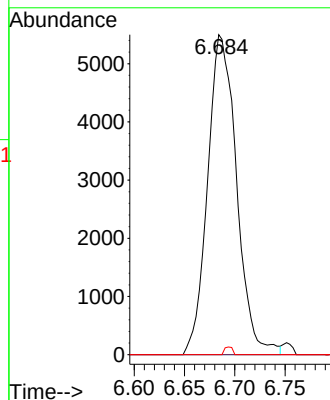
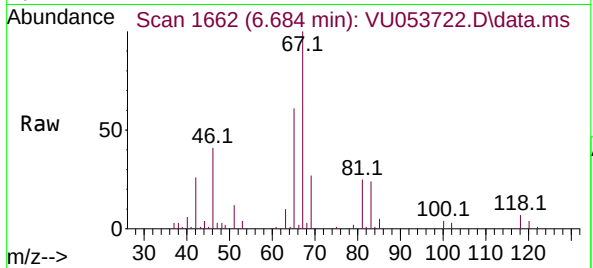




#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU053722.D
Acq: 14 Apr 2023 18:41

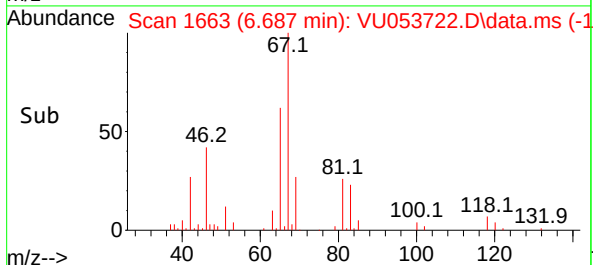
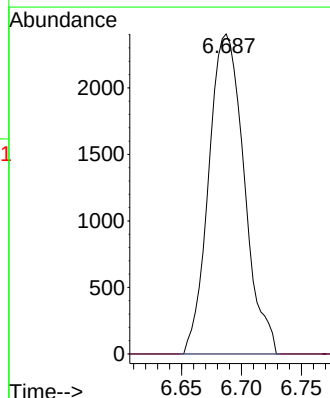
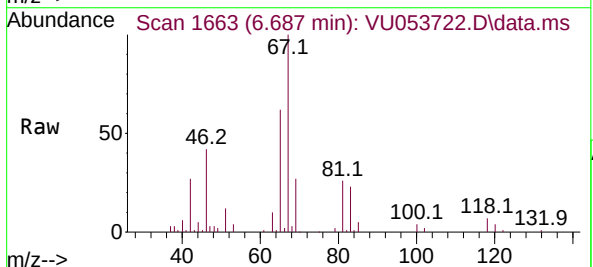
Instrument :
MSVOA_U
ClientSampleId :
BHE08DL

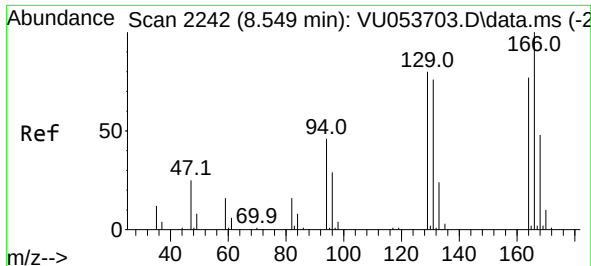
Tgt Ion: 83 Resp: 11038
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.7 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053722.D
Acq: 14 Apr 2023 18:41

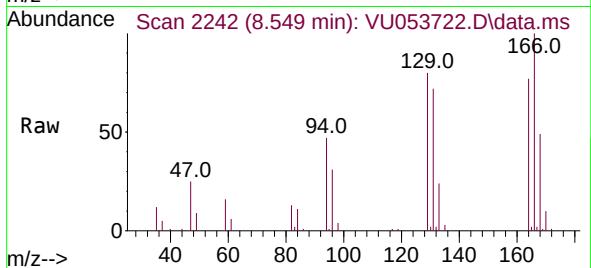
Tgt Ion: 63 Resp: 4935
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



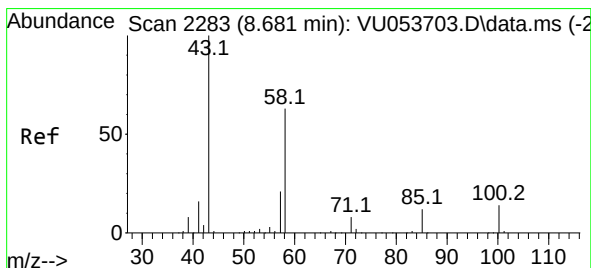
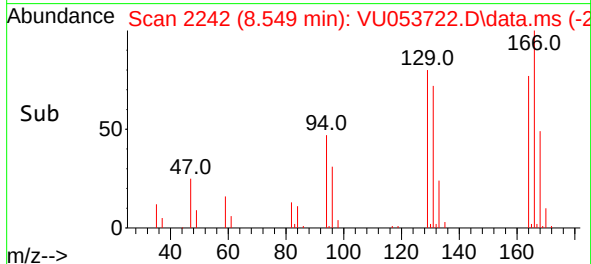
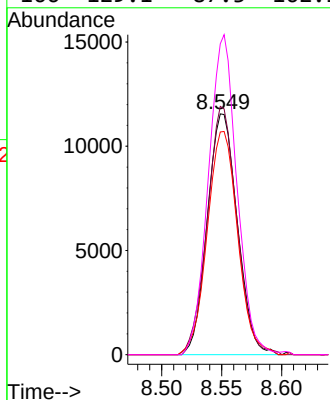


#47
Tetrachloroethene
Concen: 2.996 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053722.D
Acq: 14 Apr 2023 18:41

Instrument :
MSVOA_U
ClientSampleId :
BHE08DL

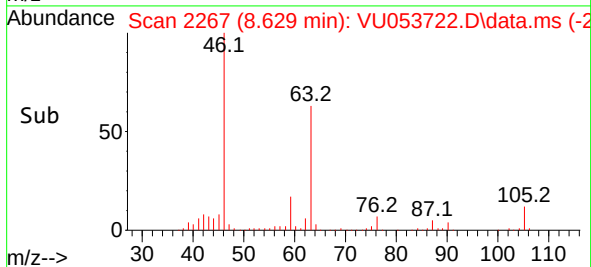
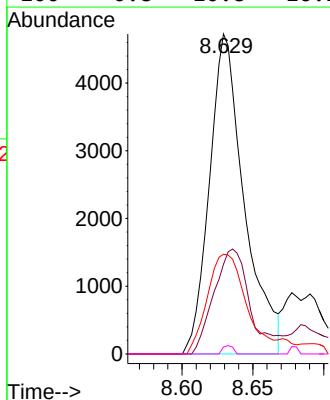
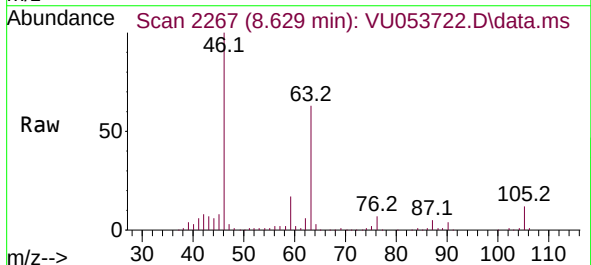


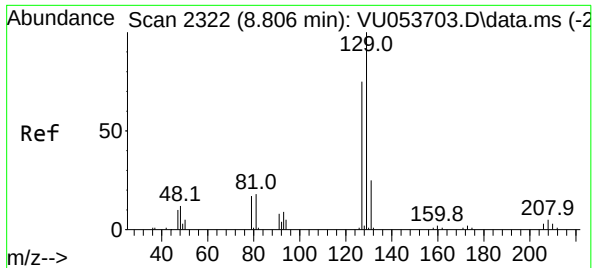
Tgt Ion:164 Resp: 20100
Ion Ratio Lower Upper
164 100
129 103.1 74.8 138.8
131 92.5 70.1 130.1
166 129.1 87.3 162.1



#48
2-Hexanone
Concen: 2.461 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.051 min
Lab File: VU053722.D
Acq: 14 Apr 2023 18:41

Tgt Ion: 43 Resp: 8063
Ion Ratio Lower Upper
43 100
58 34.7 52.8 79.2#
57 36.9 17.1 25.7#
100 0.8 10.8 16.2#





#49
 Dibromochloromethane
 Concen: 3.226 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU053722.D
 Acq: 14 Apr 2023 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE08DL

Tgt Ion:129 Resp: 20506
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.2 97.0#

