

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051691.D
 Acq On : 02 Nov 2022 14:51
 Operator : JC/MD
 Sample : N5321-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWU9

Quant Time: Nov 03 01:48:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

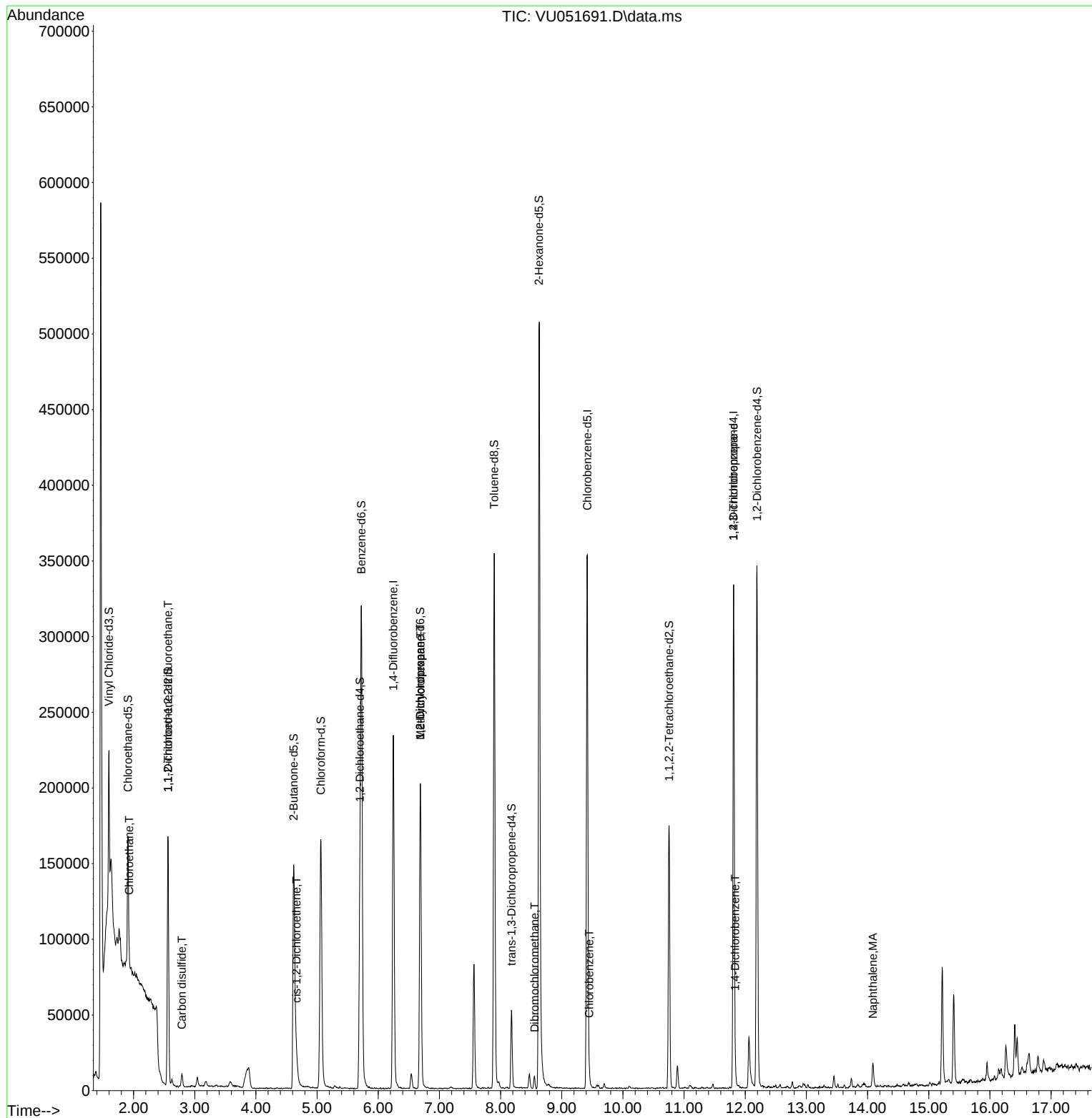
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	194255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78978	5.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.000%
7) Chloroethane-d5	1.909	69	70009	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.562	65	30823	5.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.000%
20) 2-Butanone-d5	4.617	46	213558	40.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.620%
24) Chloroform-d	5.060	84	153827	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	80747	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.726	84	309614	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	101907	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.896	98	246563	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.179	79	29600	4.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.629	63	172756	41.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.420%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92133	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	95323	5.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.925	64	2725	0.175	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	953	0.058	ug/L #	19
14) Carbon disulfide	2.790	76	12229	0.225	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	6236	0.311	ug/L	98
35) Methylcyclohexane	6.690	83	23281	0.857	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10252	0.489	ug/L #	88
49) Dibromochloromethane	8.555	129	1608	0.092	ug/L #	10
51) Chlorobenzene	9.449	112	4248	0.081	ug/L	86
61) 1,2,3-Trichloropropane	11.809	75	12204	1.041	ug/L #	67
65) 1,4-Dichlorobenzene	11.835	146	2655	0.080	ug/L	93
71) Naphthalene	14.089	128	15146	0.450	ug/L #	95

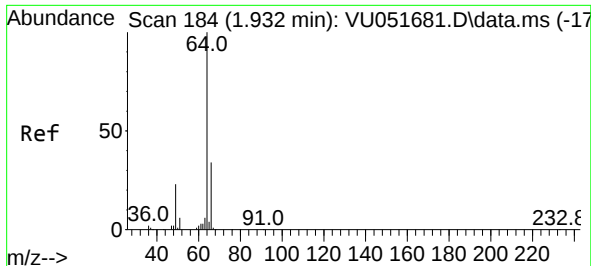
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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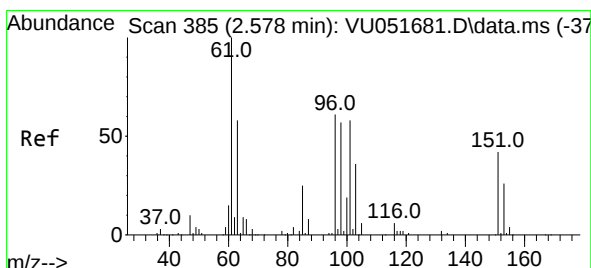
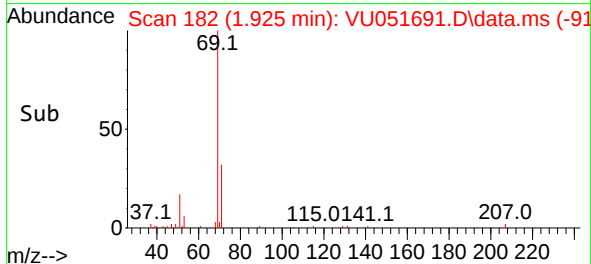
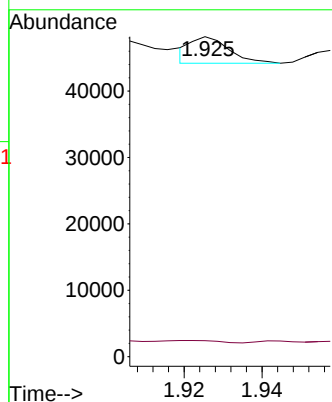
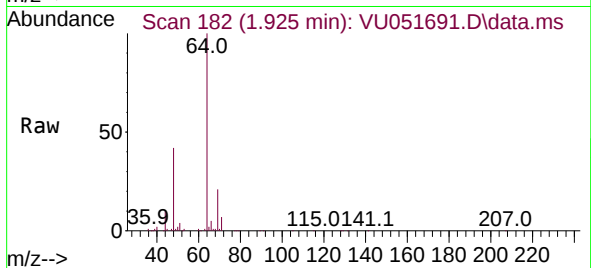




#8
Chloroethane
Concen: 0.175 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

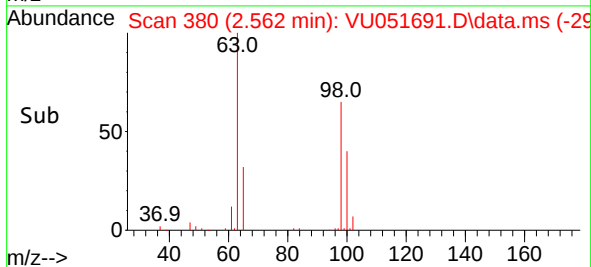
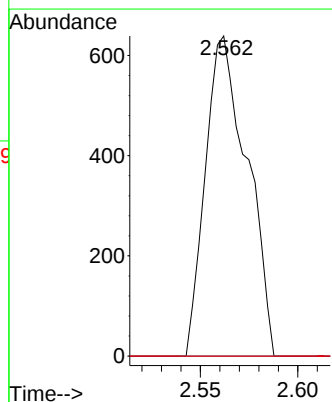
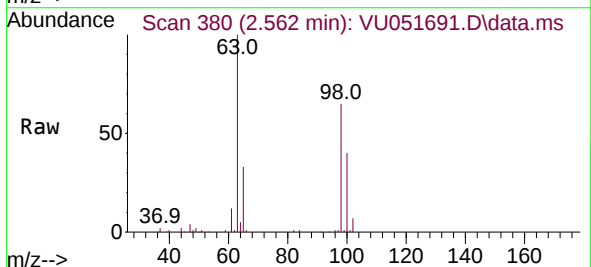
Instrument :
MSVOA_U
ClientSampleId :
DBWU9

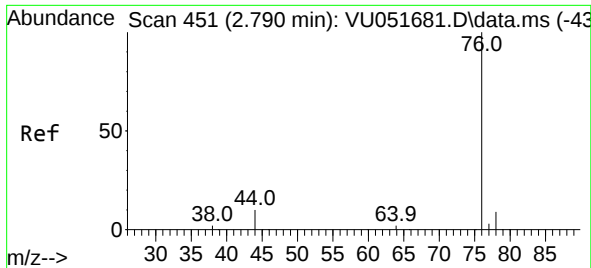
Tgt Ion: 64 Resp: 2725
Ion Ratio Lower Upper
64 100
66 5.0 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

Tgt Ion: 101 Resp: 953
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#

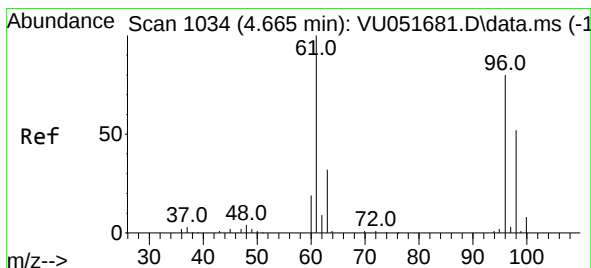
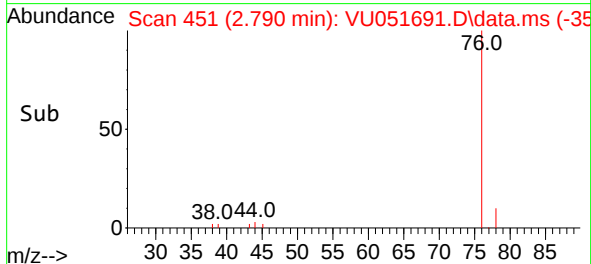
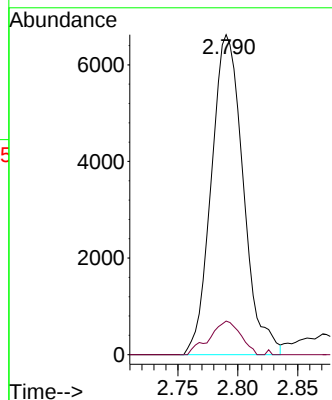
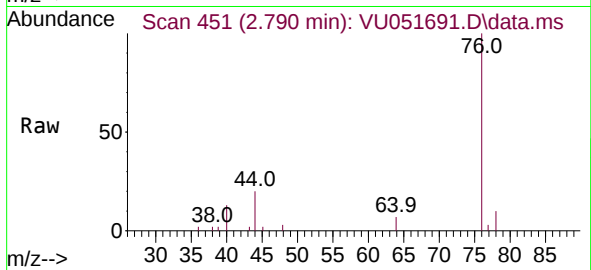




#14
Carbon disulfide
Concen: 0.225 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

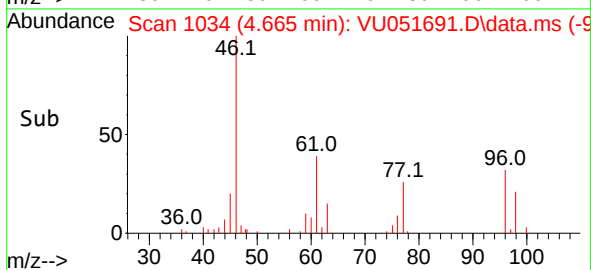
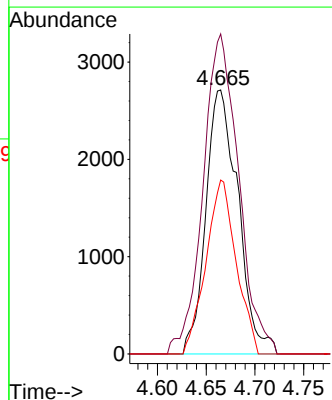
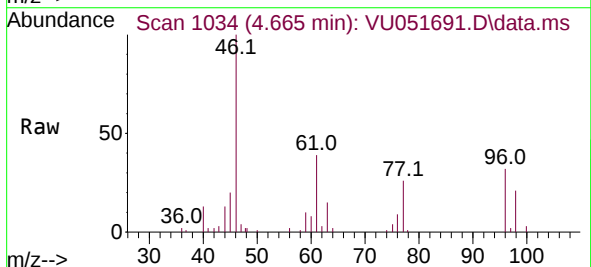
Instrument :
MSVOA_U
ClientSampleId :
DBWU9

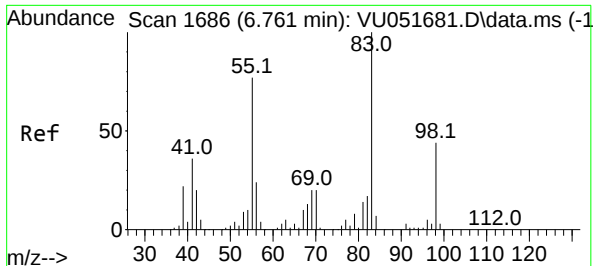
Tgt Ion: 76 Resp: 12229
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2



#22
cis-1,2-Dichloroethene
Concen: 0.311 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

Tgt Ion: 96 Resp: 6236
Ion Ratio Lower Upper
96 100
61 121.2 86.4 160.4
98 65.9 44.2 82.2





#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051691.D

Acq: 02 Nov 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

DBWU9

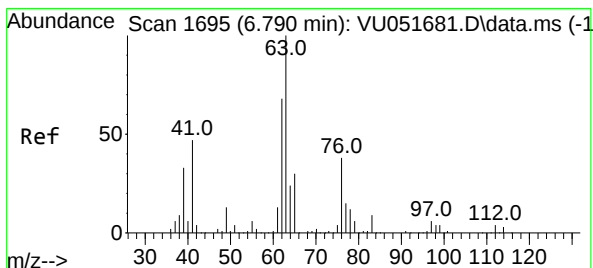
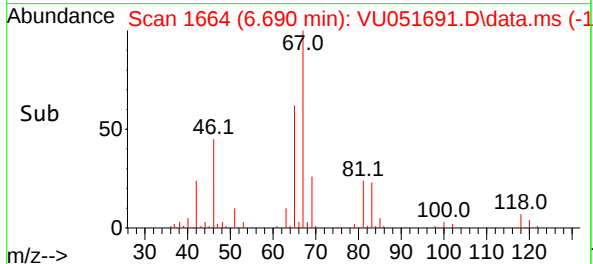
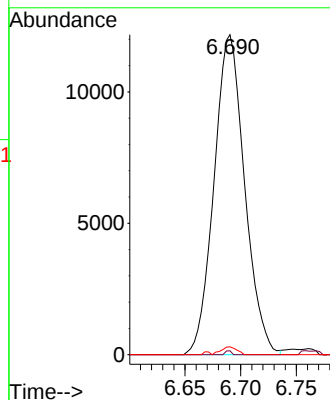
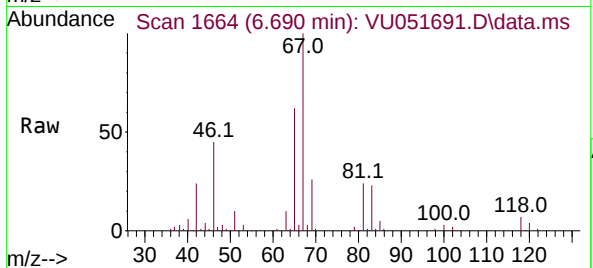
Tgt Ion: 83 Resp: 23281

Ion Ratio Lower Upper

83 100

55 0.2 60.6 90.8#

98 1.3 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.489 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051691.D

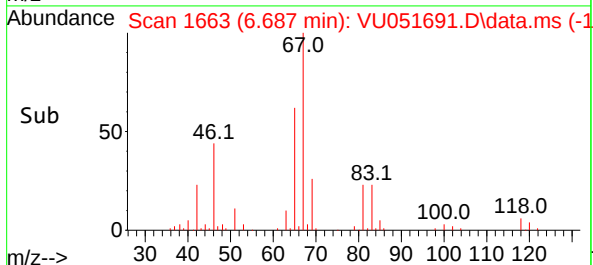
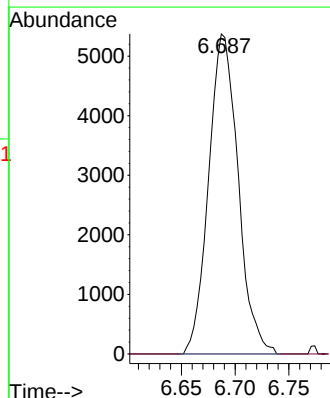
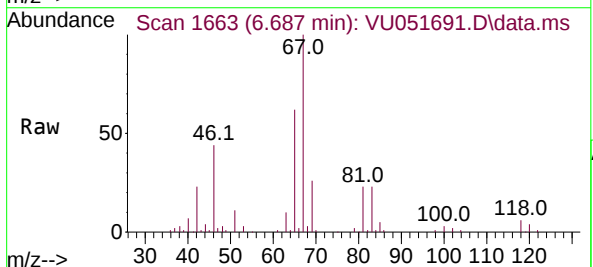
Acq: 02 Nov 2022 14:51

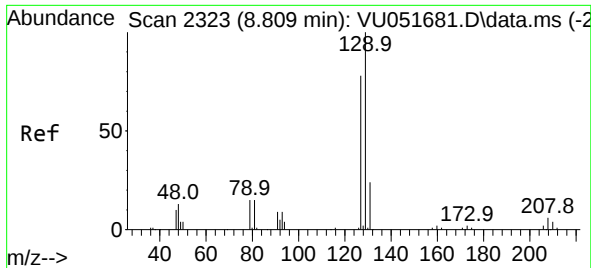
Tgt Ion: 63 Resp: 10252

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#49

Dibromochloromethane

Concen: 0.092 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051691.D

Acq: 02 Nov 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

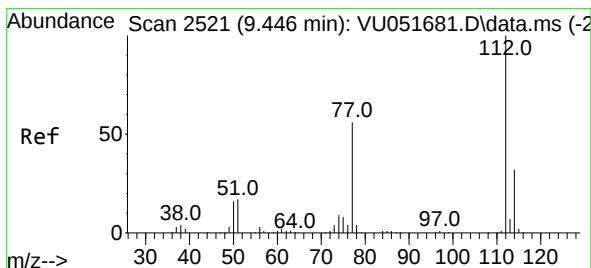
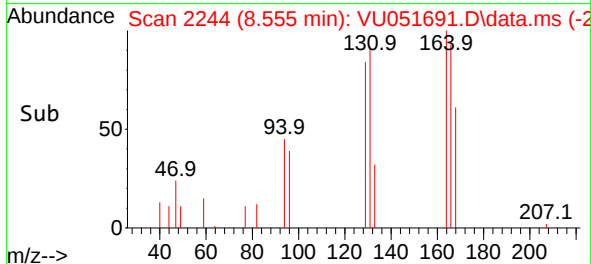
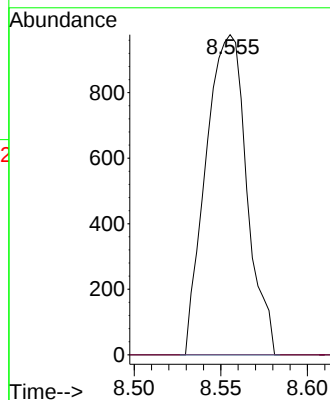
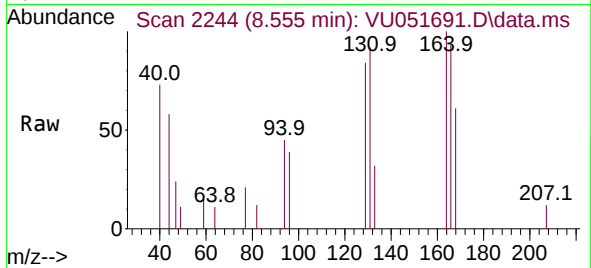
DBWU9

Tgt Ion:129 Resp: 1608

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#51

Chlorobenzene

Concen: 0.081 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU051691.D

Acq: 02 Nov 2022 14:51

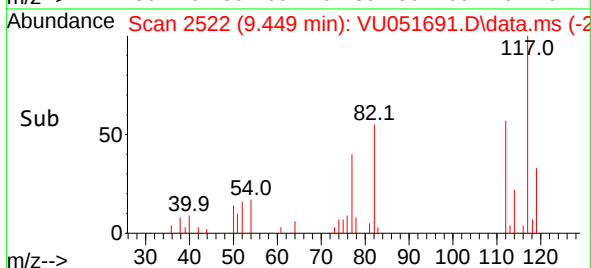
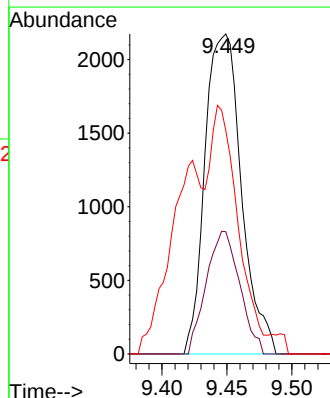
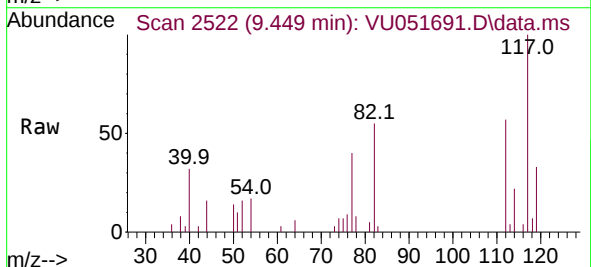
Tgt Ion:112 Resp: 4248

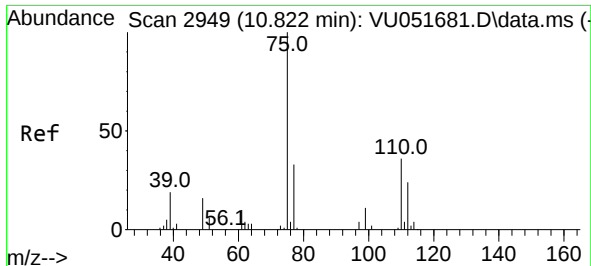
Ion Ratio Lower Upper

112 100

114 38.2 22.0 40.8

77 69.8 46.7 70.1

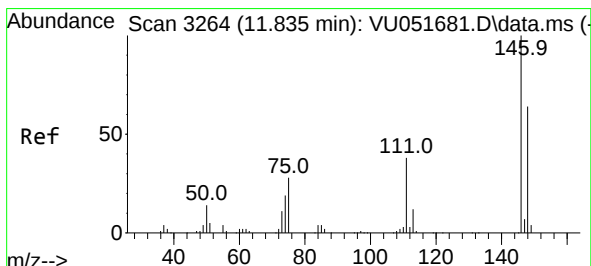
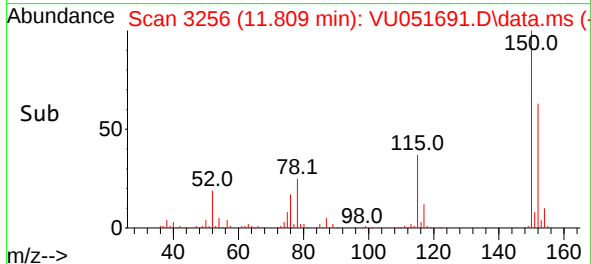
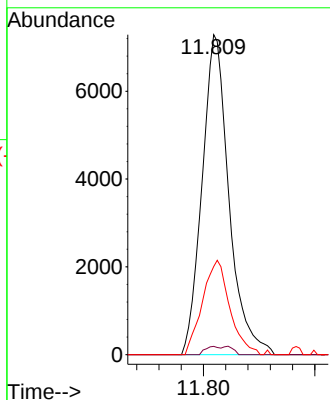
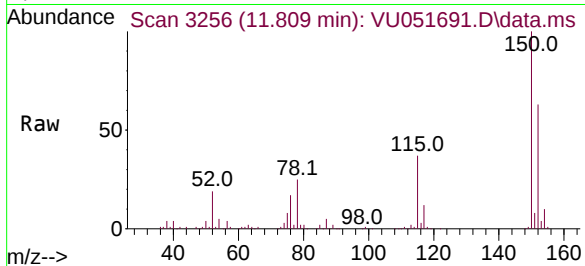




#61
1,2,3-Trichloropropane
Concen: 1.041 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

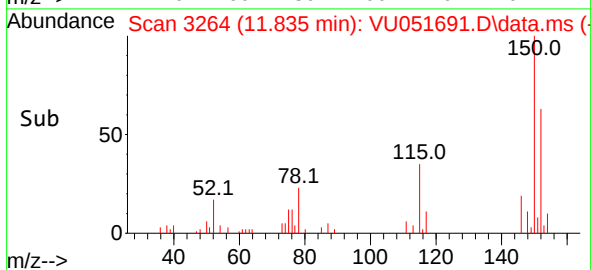
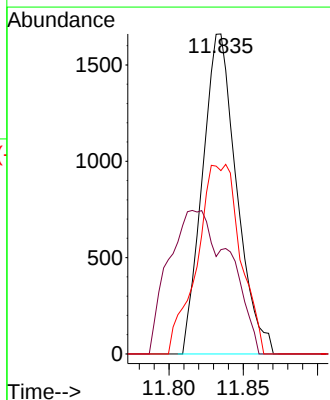
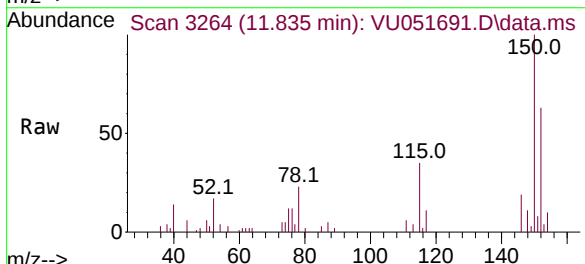
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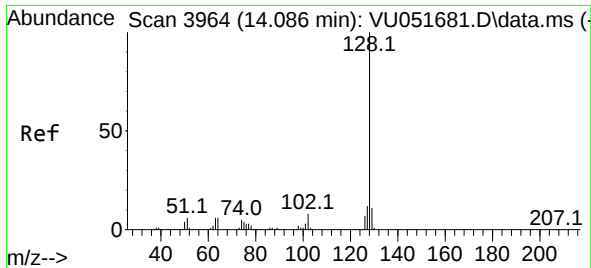
Tgt Ion: 75 Resp: 12204
Ion Ratio Lower Upper
75 100
110 1.5 28.7 43.1#
77 30.0 26.1 39.1



#65
1,4-Dichlorobenzene
Concen: 0.080 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

Tgt Ion: 146 Resp: 2655
Ion Ratio Lower Upper
146 100
111 32.6 26.7 49.5
148 57.3 43.5 80.9





#71
Naphthalene
Concen: 0.450 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051691.D
Acq: 02 Nov 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
DBWU9

Tgt Ion:128 Resp: 15146
Ion Ratio Lower Upper
128 100
129 14.2 8.4 12.6#
127 13.3 10.3 15.5

