

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055244.D
 Acq On : 12 Sep 2023 13:37
 Operator : MD/SY
 Sample : 04307-20DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:46:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

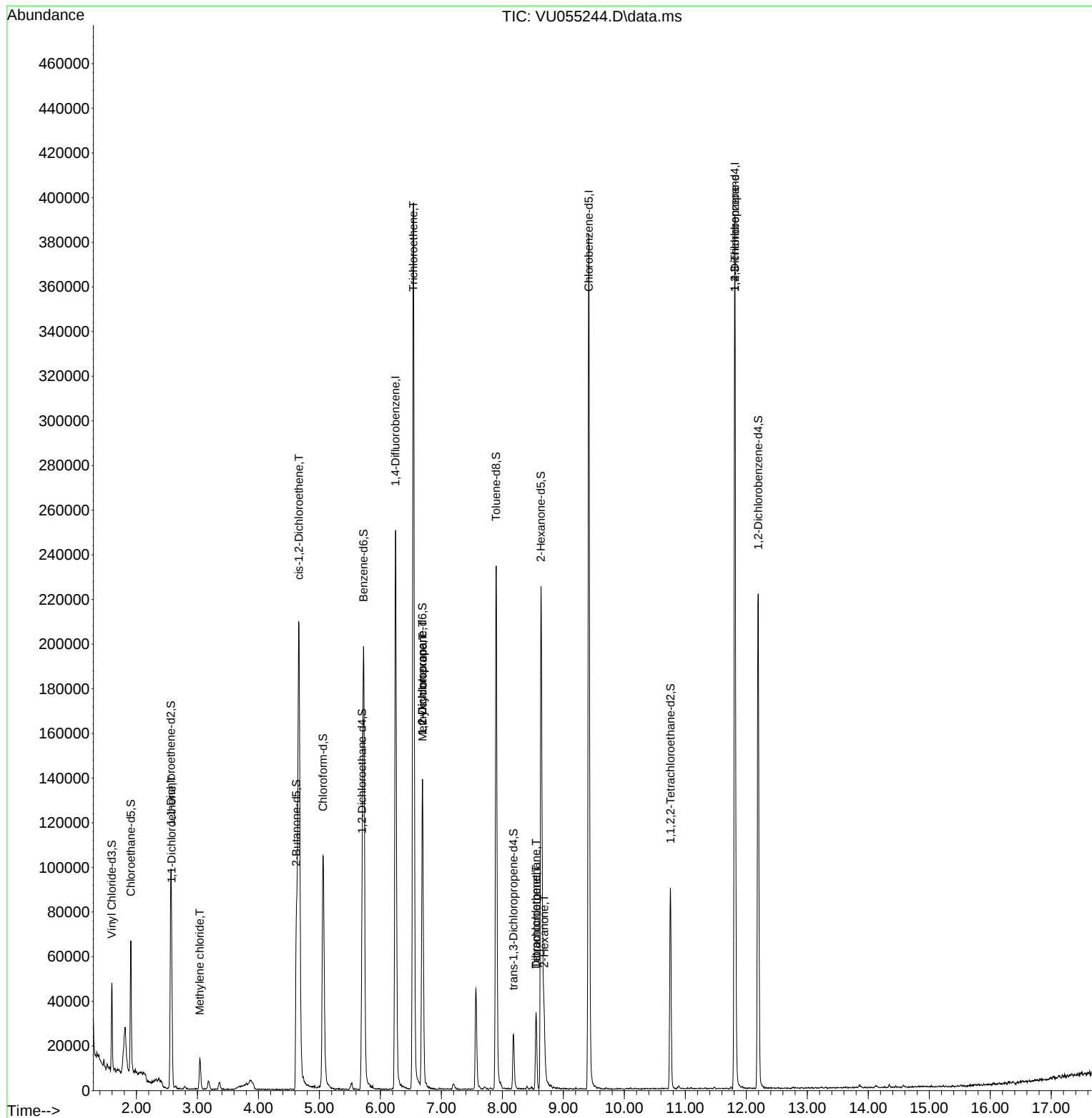
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	200804	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	210427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26471	2.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.908	69	42158	3.870	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.563	65	15018	2.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	4.621	46	114694	41.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.000%
24) Chloroform-d	5.059	84	95961	3.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.698	65	53614	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.724	84	188733	3.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	6.689	67	66649	4.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.898	98	161124	3.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.181	79	15484	3.403	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.631	63	72500	39.252	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	44978	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	57362	3.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	12048	1.298	ug/L #	61
16) Methylene chloride	3.036	84	6384	0.450	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	103590	8.985	ug/L	95
34) Trichloroethene	6.541	95	140359	11.277	ug/L	97
35) Methylcyclohexane	6.692	83	15139	0.867	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7253	0.595	ug/L #	89
47) Tetrachloroethene	8.554	164	7439	0.865	ug/L	94
48) 2-Hexanone	8.685	43	16071	2.950	ug/L #	90
49) Dibromochloromethane	8.554	129	7326	0.817	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	14077	2.111	ug/L #	69

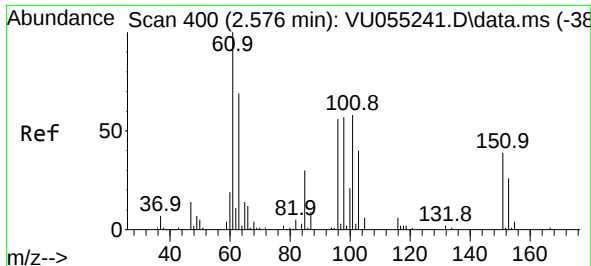
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.298 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU055244.D

Acq: 12 Sep 2023 13:37

Instrument :

MSVOA_U

ClientSampleId :

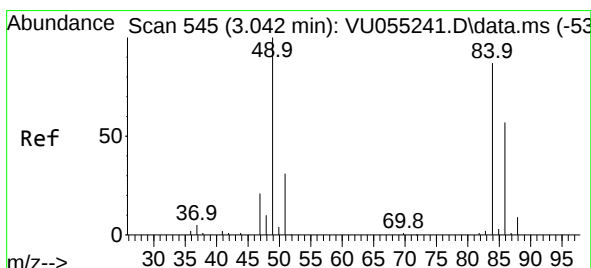
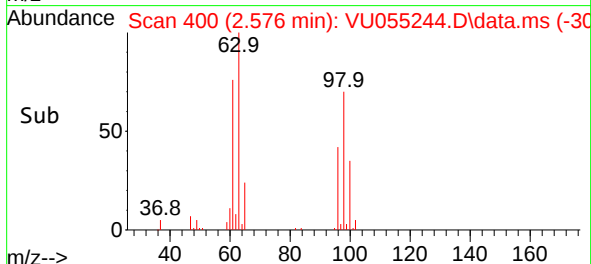
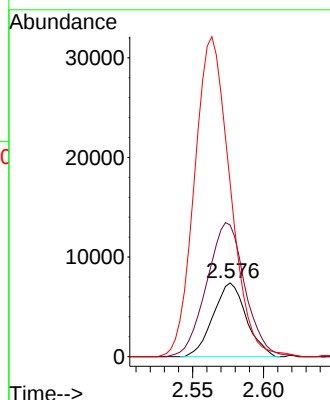
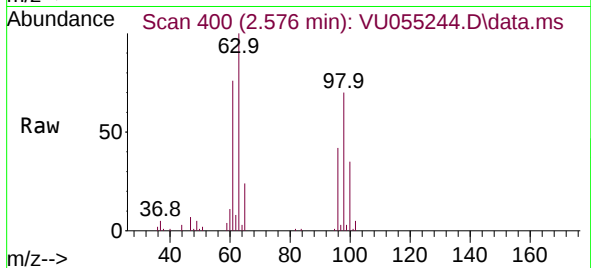
Tgt Ion: 96 Resp: 12048

Ion Ratio Lower Upper

96 100

61 178.5 120.8 224.4

63 235.7 94.5 175.5#



#16

Methylene chloride

Concen: 0.450 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.006 min

Lab File: VU055244.D

Acq: 12 Sep 2023 13:37

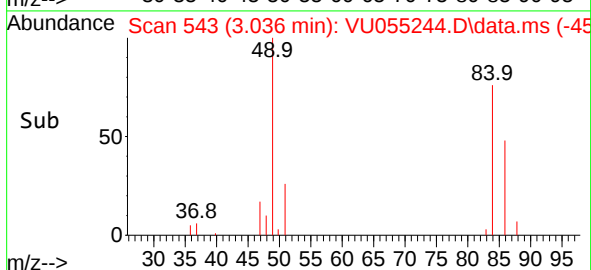
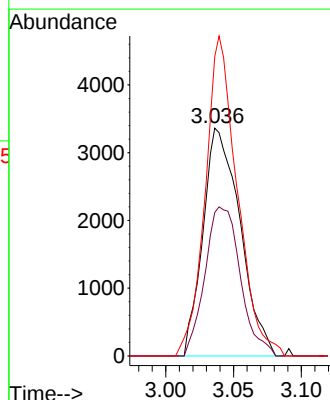
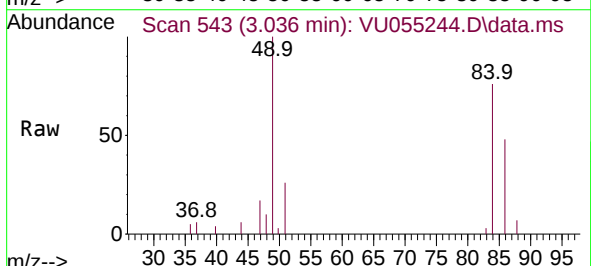
Tgt Ion: 84 Resp: 6384

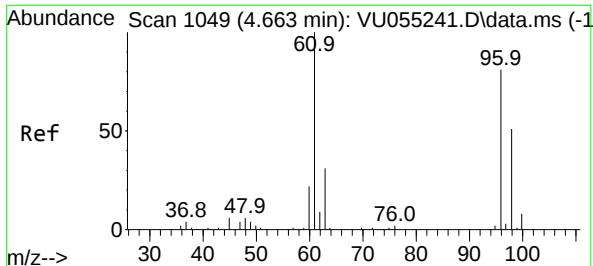
Ion Ratio Lower Upper

84 100

86 63.0 43.4 80.6

49 136.0 87.7 162.9

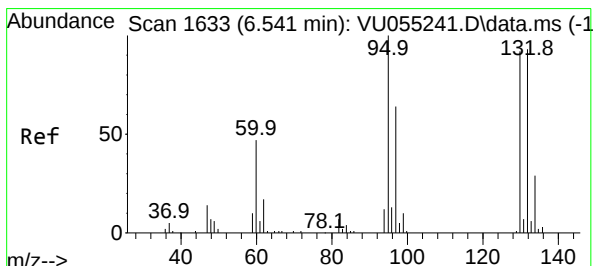
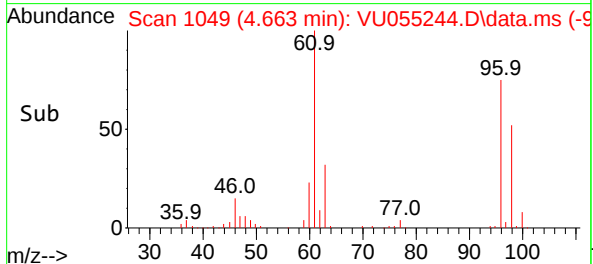
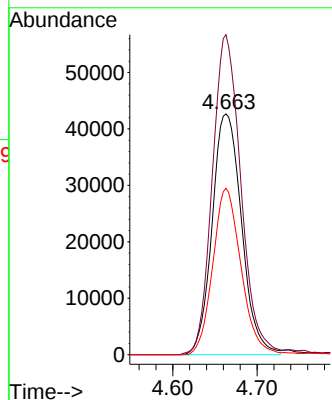
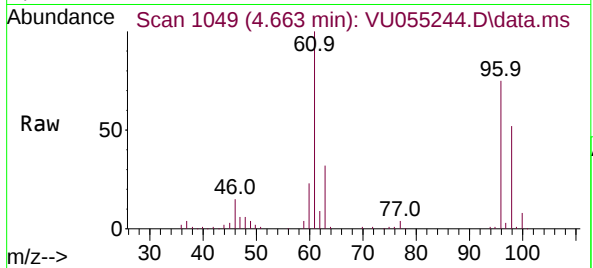




#22
 cis-1,2-Dichloroethene
 Concen: 8.985 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055244.D
 Acq: 12 Sep 2023 13:37

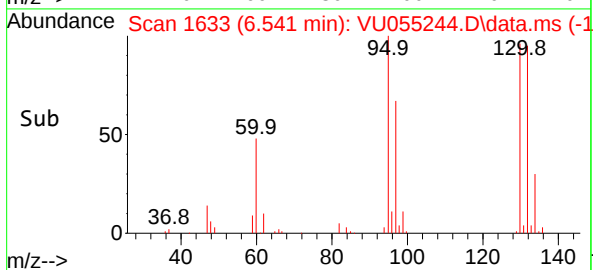
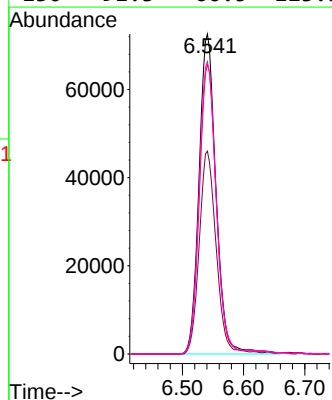
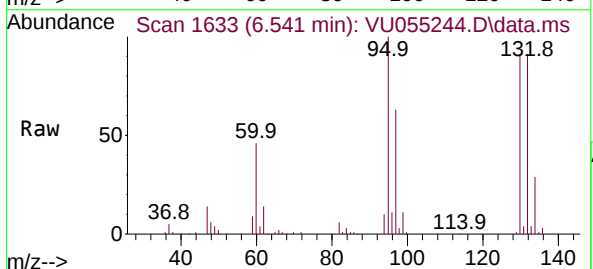
Instrument :
 MSVOA_U
 ClientSampleId :

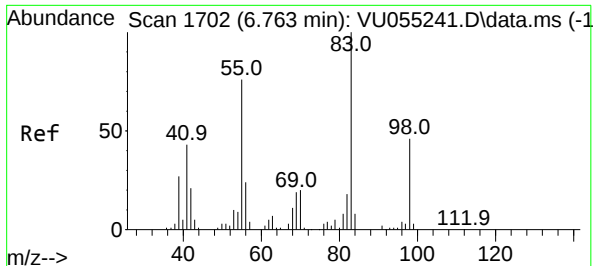
Tgt Ion: 96 Resp: 103590
 Ion Ratio Lower Upper
 96 100
 61 132.9 97.2 180.4
 98 69.1 46.1 85.7



#34
 Trichloroethene
 Concen: 11.277 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055244.D
 Acq: 12 Sep 2023 13:37

Tgt Ion: 95 Resp: 140359
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.7 83.1
 132 90.6 66.6 123.6
 130 91.3 66.5 123.5





#35

Methylcyclohexane

Concen: 0.867 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.071 min

Lab File: VU055244.D

Acq: 12 Sep 2023 13:37

Instrument :

MSVOA_U

ClientSampleId :

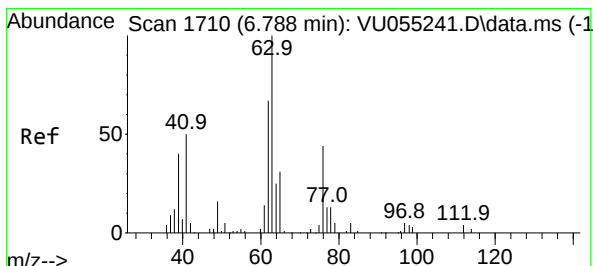
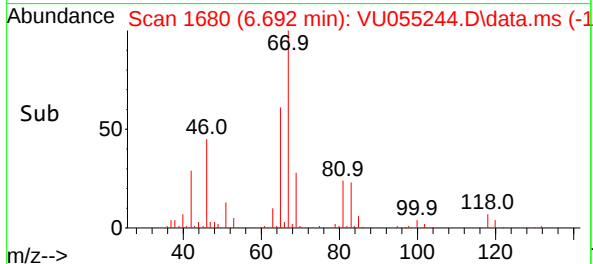
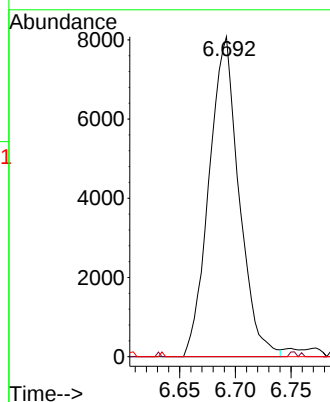
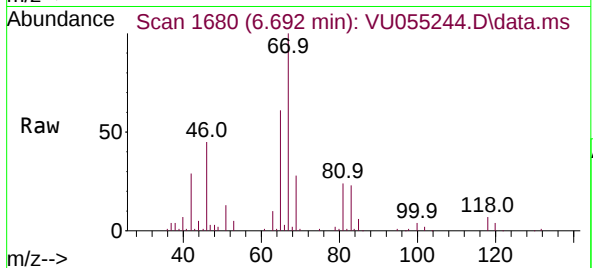
Tgt Ion: 83 Resp: 15139

Ion Ratio Lower Upper

83 100

55 0.4 60.4 90.6#

98 0.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055244.D

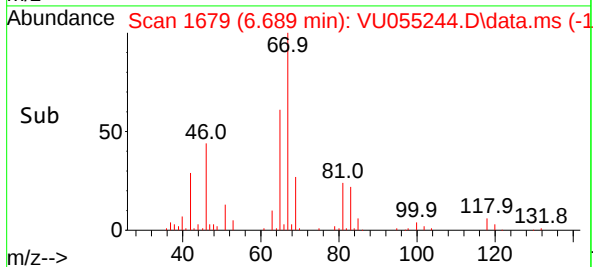
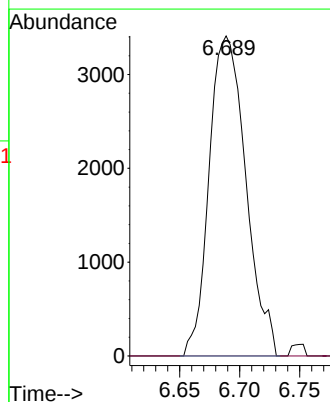
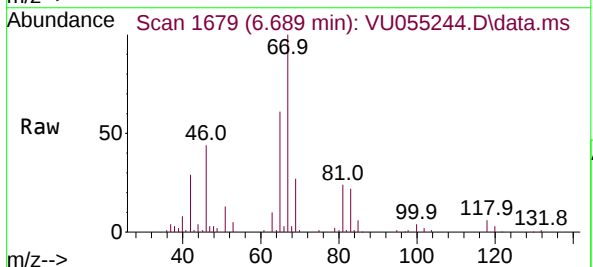
Acq: 12 Sep 2023 13:37

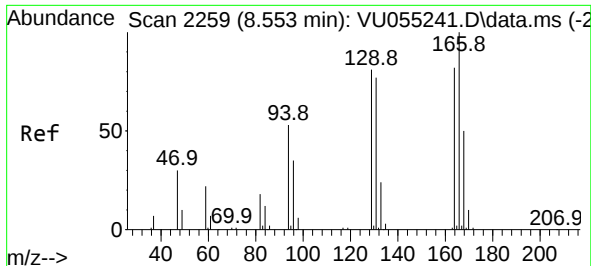
Tgt Ion: 63 Resp: 7253

Ion Ratio Lower Upper

63 100

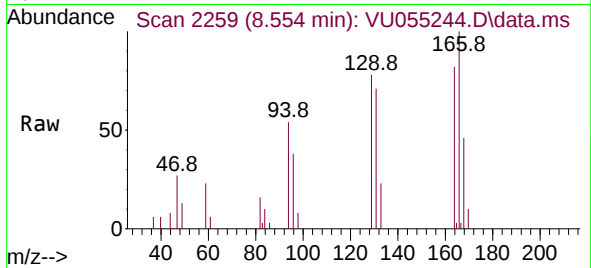
112 0.3 3.2 4.8#



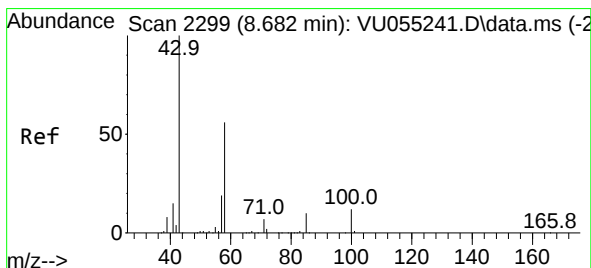
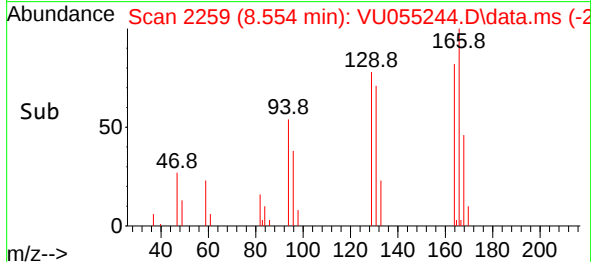
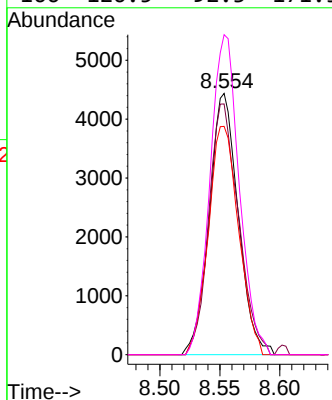


#47
Tetrachloroethene
Concen: 0.865 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055244.D
Acq: 12 Sep 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

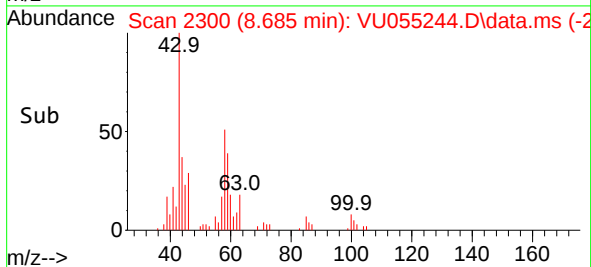
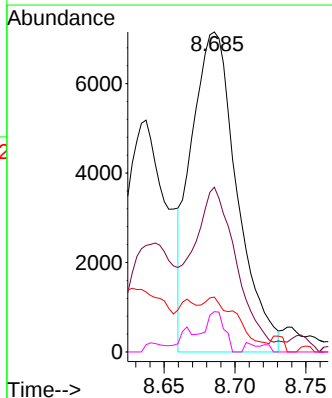
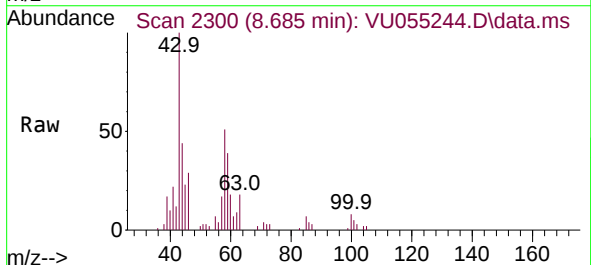


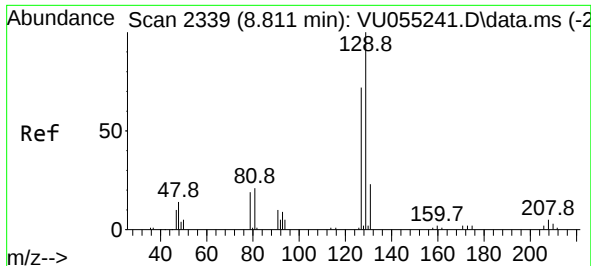
Tgt Ion:164 Resp: 7439
Ion Ratio Lower Upper
164 100
129 95.9 69.2 128.6
131 87.4 68.8 127.8
166 126.5 92.3 171.5



#48
2-Hexanone
Concen: 2.950 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055244.D
Acq: 12 Sep 2023 13:37

Tgt Ion: 43 Resp: 16071
Ion Ratio Lower Upper
43 100
58 50.3 44.0 66.0
57 12.6 16.2 24.2#
100 5.3 9.0 13.4#

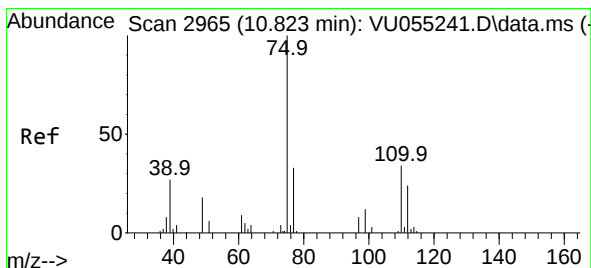
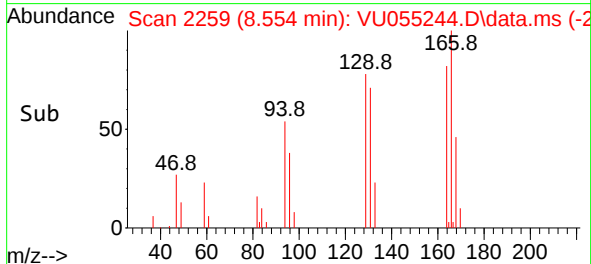
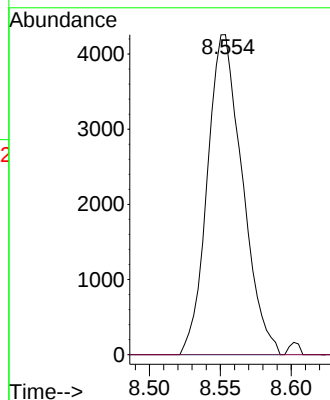
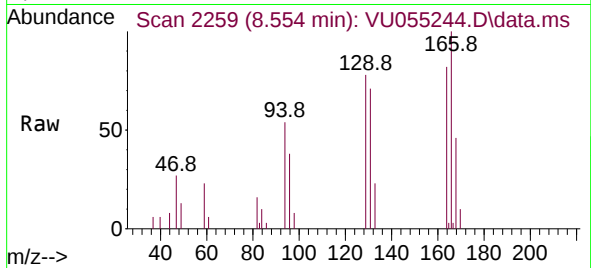




#49
Dibromochloromethane
Concen: 0.817 ug/L
RT: 8.554 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055244.D
Acq: 12 Sep 2023 13:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 7326
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 2.111 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055244.D
Acq: 12 Sep 2023 13:37

Tgt Ion: 75 Resp: 14077
Ion Ratio Lower Upper
75 100
110 2.1 28.2 42.2#
77 34.9 26.2 39.4

