

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055093.D
 Acq On : 05 Sep 2023 14:47
 Operator : MD/SY
 Sample : 04250-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

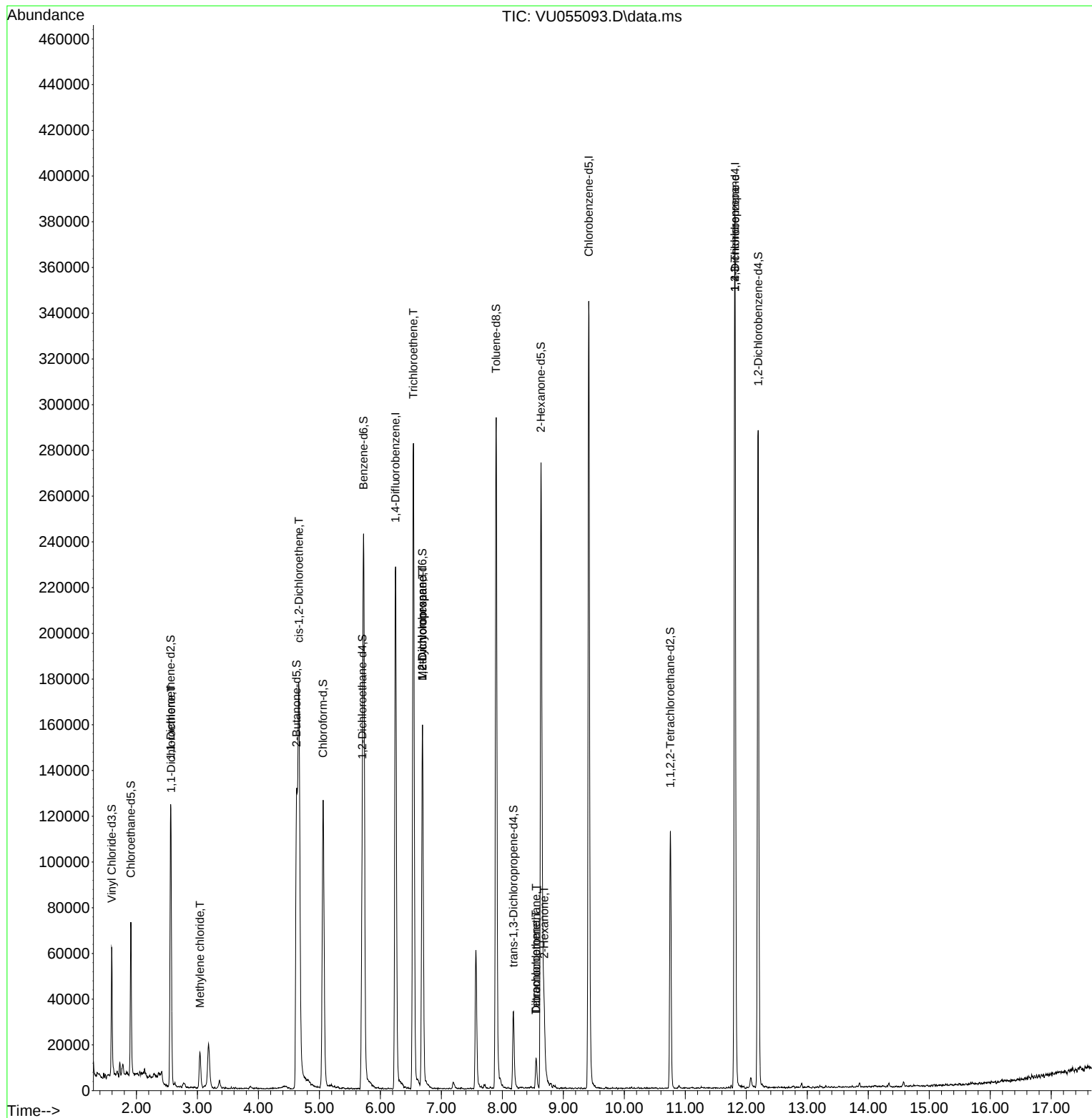
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	97671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	39084	4.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.908	69	46431	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	23456	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.625	46	137694	55.564	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.120%
24) Chloroform-d	5.059	84	114143	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.702	65	61140	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.724	84	222709	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.689	67	75192	5.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.898	98	198718	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.181	79	20441	5.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.631	63	90639	54.795	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	54668	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	73179	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	1662	0.197	ug/L #	1
16) Methylene chloride	3.039	84	6555	0.509	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	78872	7.539	ug/L	99
34) Trichloroethene	6.541	95	95737	8.589	ug/L	98
35) Methylcyclohexane	6.689	83	16742	1.070	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	8742	0.801	ug/L #	88
47) Tetrachloroethene	8.550	164	2908	0.377	ug/L	89
48) 2-Hexanone	8.686	43	19525	4.002	ug/L #	86
49) Dibromochloromethane	8.554	129	2587	0.322	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	13555	2.091	ug/L #	69

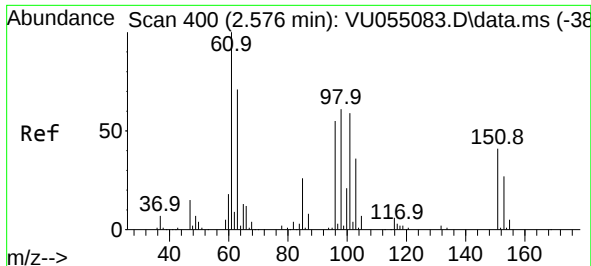
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 06 02:14:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.197 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.009 min

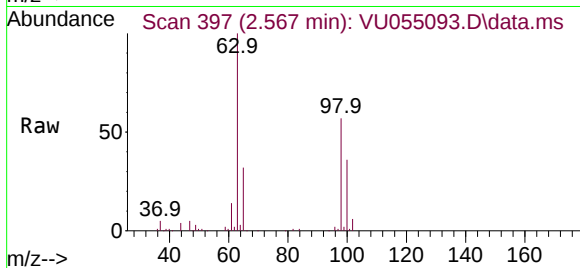
Lab File: VU055093.D

Acq: 05 Sep 2023 14:47

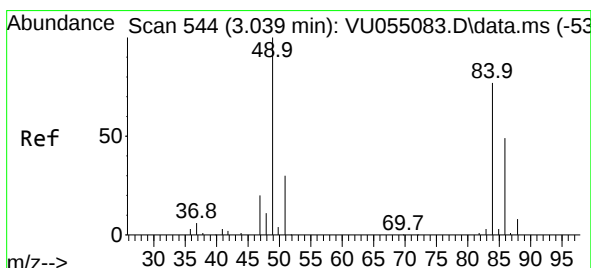
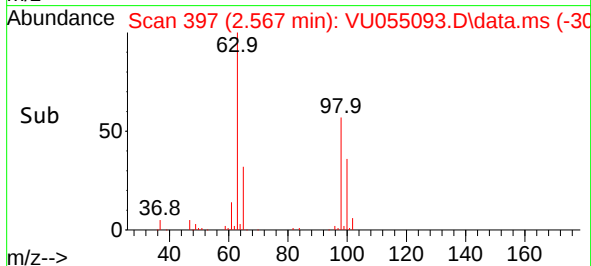
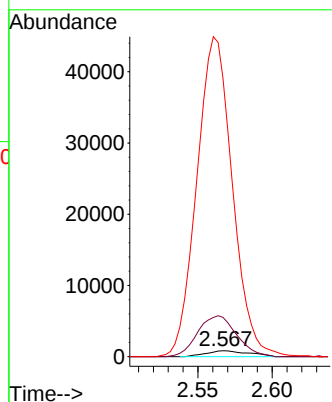
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1662
Ion	Ratio	Lower	Upper
96	100		
61	658.6	120.8	224.4#
63	4669.4	94.5	175.5#



#16

Methylene chloride

Concen: 0.509 ug/L

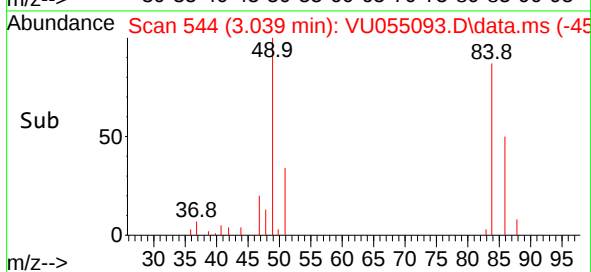
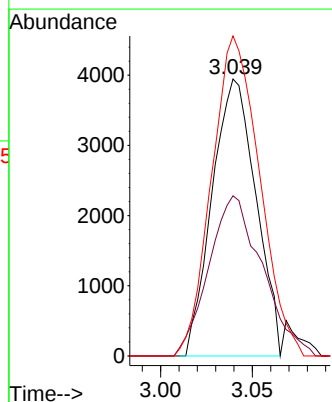
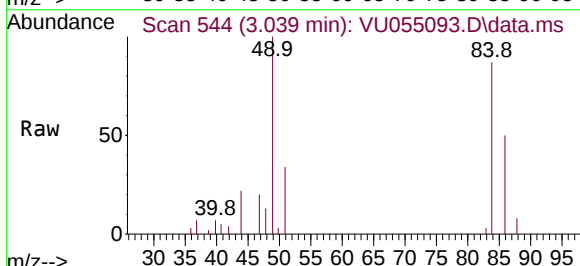
RT: 3.039 min Scan# 544

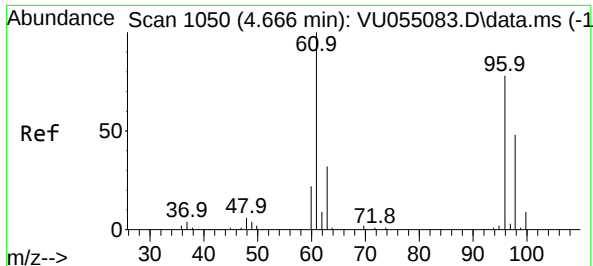
Delta R.T. 0.000 min

Lab File: VU055093.D

Acq: 05 Sep 2023 14:47

Tgt Ion:	84	Resp:	6555
Ion	Ratio	Lower	Upper
84	100		
86	57.8	43.4	80.6
49	118.9	87.7	162.9





#22

cis-1,2-Dichloroethene

Concen: 7.539 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055093.D

Acq: 05 Sep 2023 14:47

Instrument :

MSVOA_U

ClientSampleId :

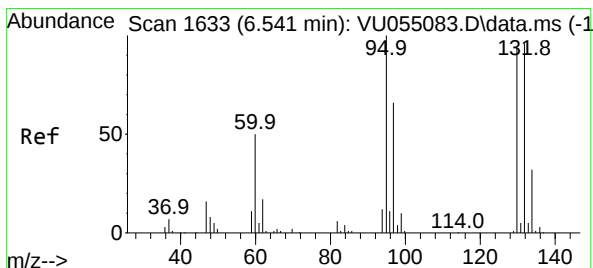
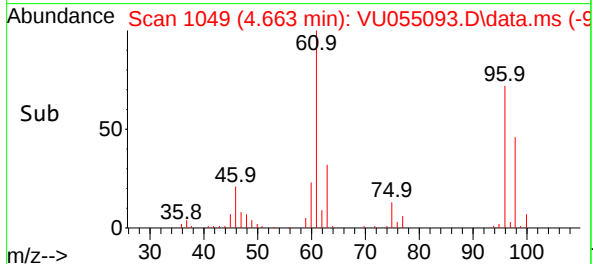
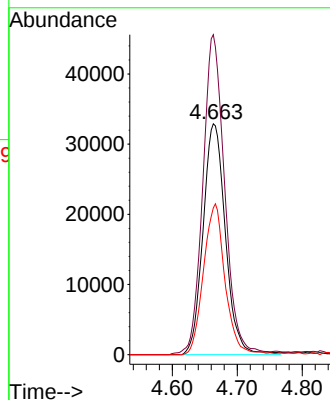
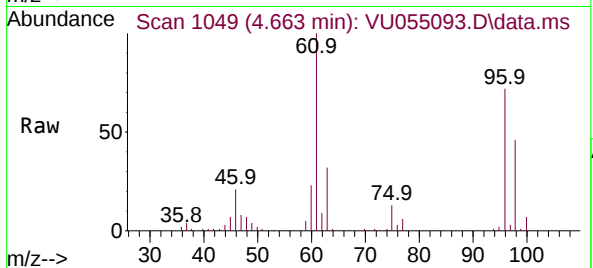
Tgt Ion: 96 Resp: 78872

Ion Ratio Lower Upper

96 100

61 138.6 97.2 180.4

98 63.6 46.1 85.7



#34

Trichloroethene

Concen: 8.589 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055093.D

Acq: 05 Sep 2023 14:47

Tgt Ion: 95 Resp: 95737

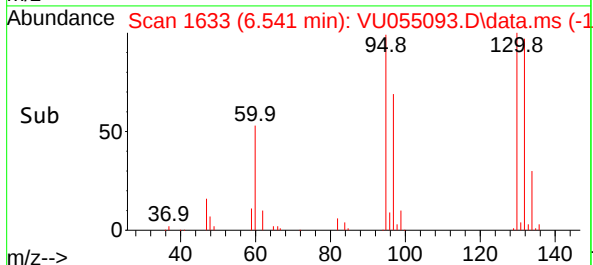
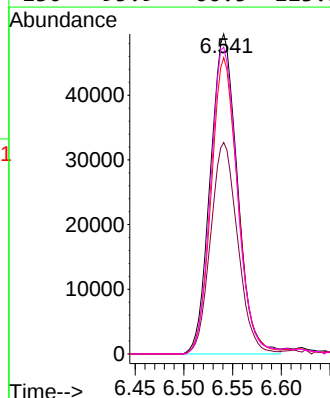
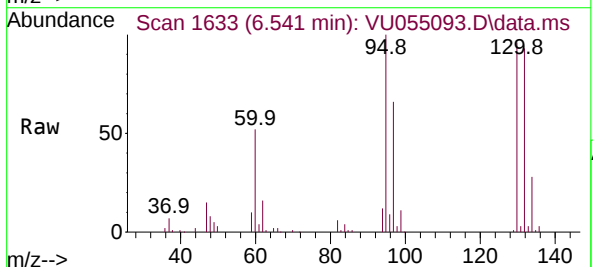
Ion Ratio Lower Upper

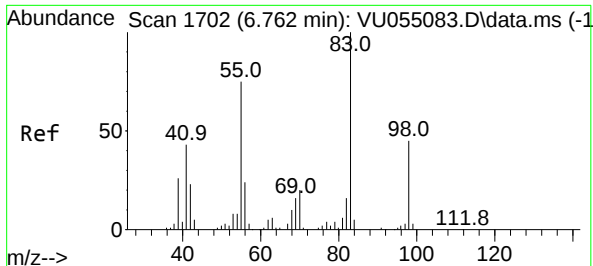
95 100

97 66.1 44.7 83.1

132 92.6 66.6 123.6

130 95.9 66.5 123.5

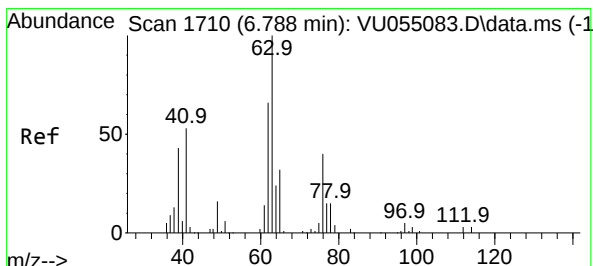
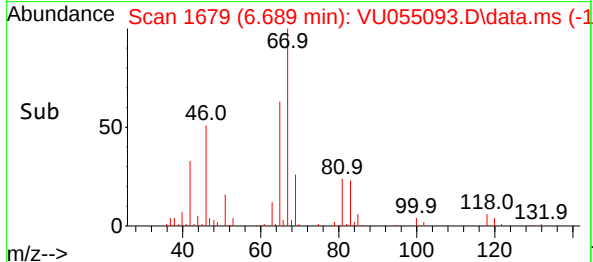
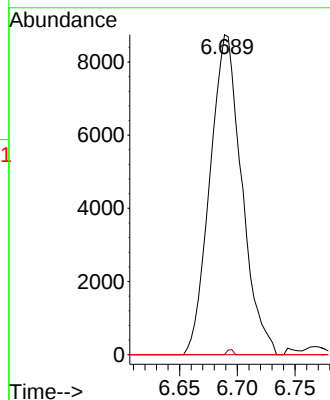
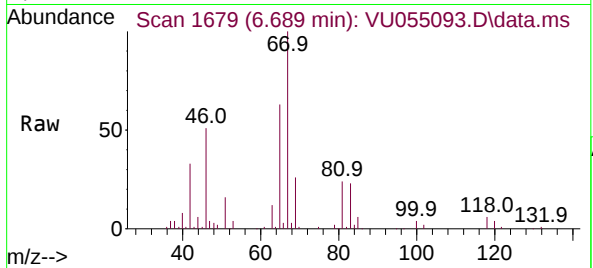




#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055093.D
Acq: 05 Sep 2023 14:47

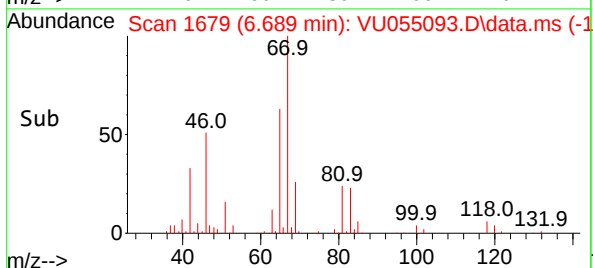
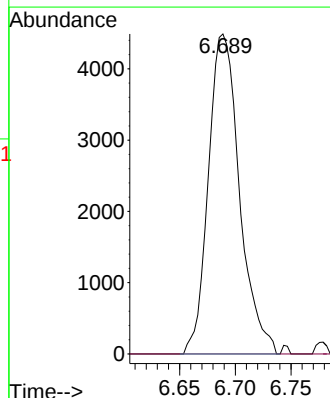
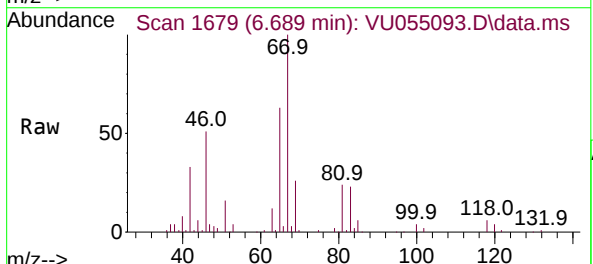
Instrument :
MSVOA_U
ClientSampleId :

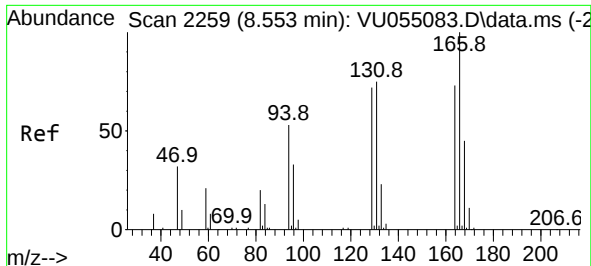
Tgt Ion: 83 Resp: 16742
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 2.2 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.801 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.099 min
Lab File: VU055093.D
Acq: 05 Sep 2023 14:47

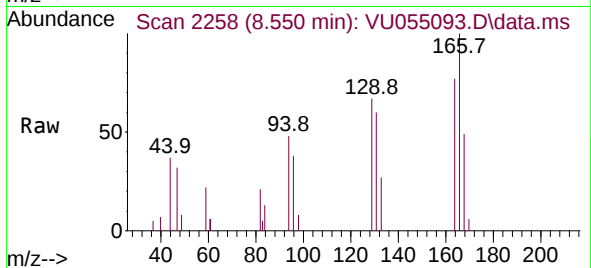
Tgt Ion: 63 Resp: 8742
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



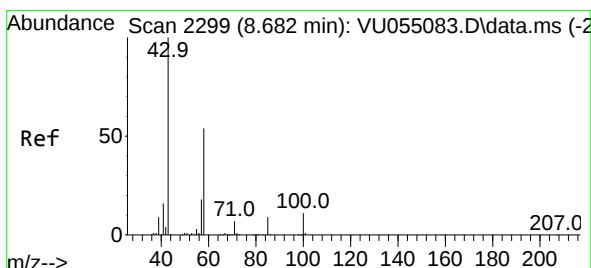
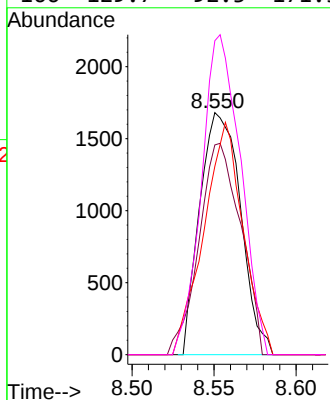
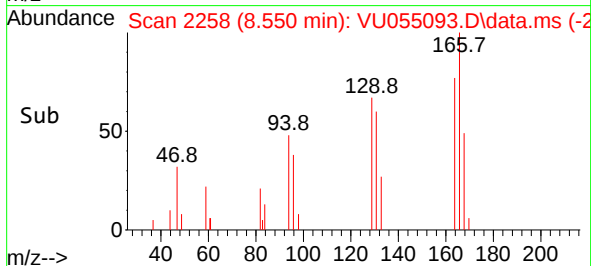


#47
Tetrachloroethene
Concen: 0.377 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055093.D
Acq: 05 Sep 2023 14:47

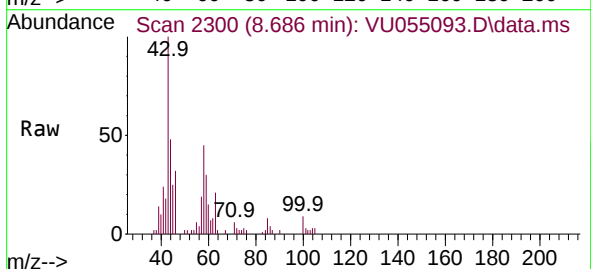
Instrument :
MSVOA_U
ClientSampleId :



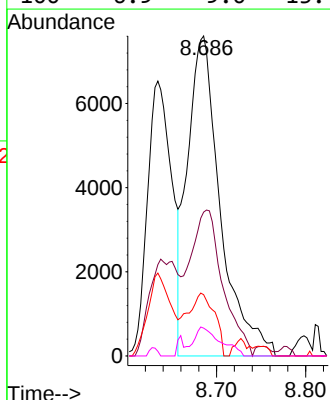
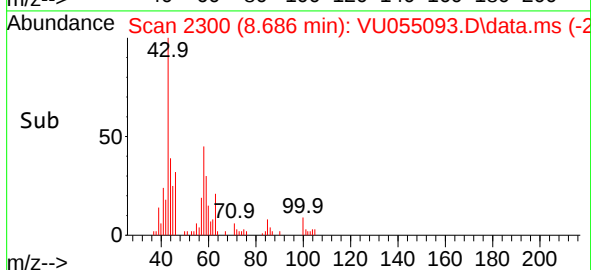
Tgt	Ion:164	Resp:	2908
Ion	Ratio	Lower	Upper
164	100		
129	86.6	69.2	128.6
131	77.8	68.8	127.8
166	129.7	92.3	171.5

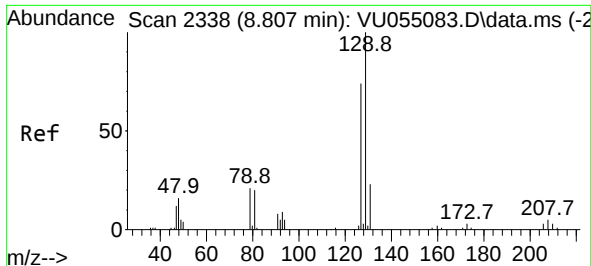


#48
2-Hexanone
Concen: 4.002 ug/L
RT: 8.686 min Scan# 2300
Delta R.T. 0.004 min
Lab File: VU055093.D
Acq: 05 Sep 2023 14:47



Tgt	Ion: 43	Resp:	19525
Ion	Ratio	Lower	Upper
43	100		
58	43.8	44.0	66.0#
57	15.6	16.2	24.2#
100	6.9	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.322 ug/L

RT: 8.554 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055093.D

Acq: 05 Sep 2023 14:47

Instrument :

MSVOA_U

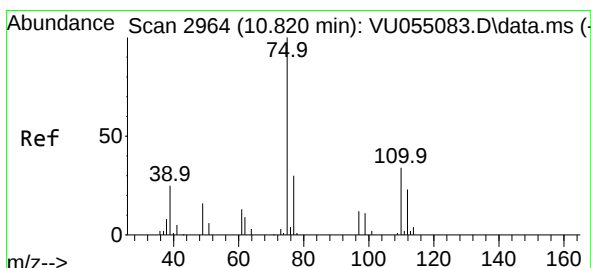
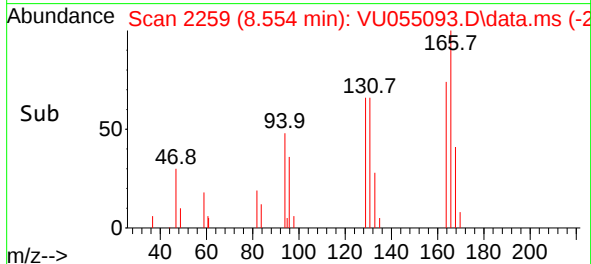
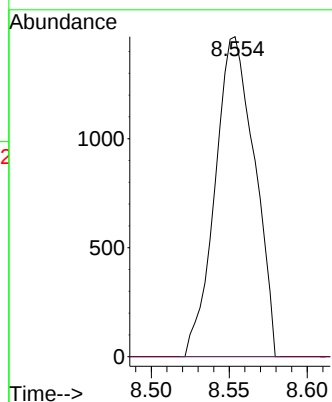
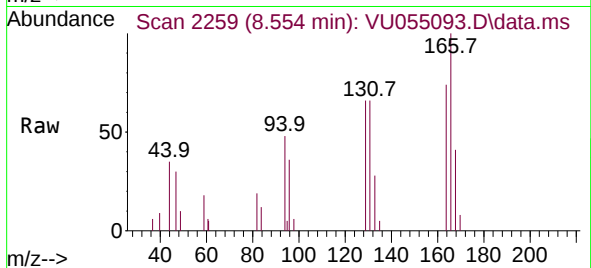
ClientSampleId :

Tgt Ion:129 Resp: 2587

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.091 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.991 min

Lab File: VU055093.D

Acq: 05 Sep 2023 14:47

Tgt Ion: 75 Resp: 13555

Ion Ratio Lower Upper

75 100

110 2.2 28.2 42.2#

77 34.3 26.2 39.4

