

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055222.D
 Acq On : 08 Sep 2023 06:07
 Operator : MD/SY
 Sample : 04286-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 06:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

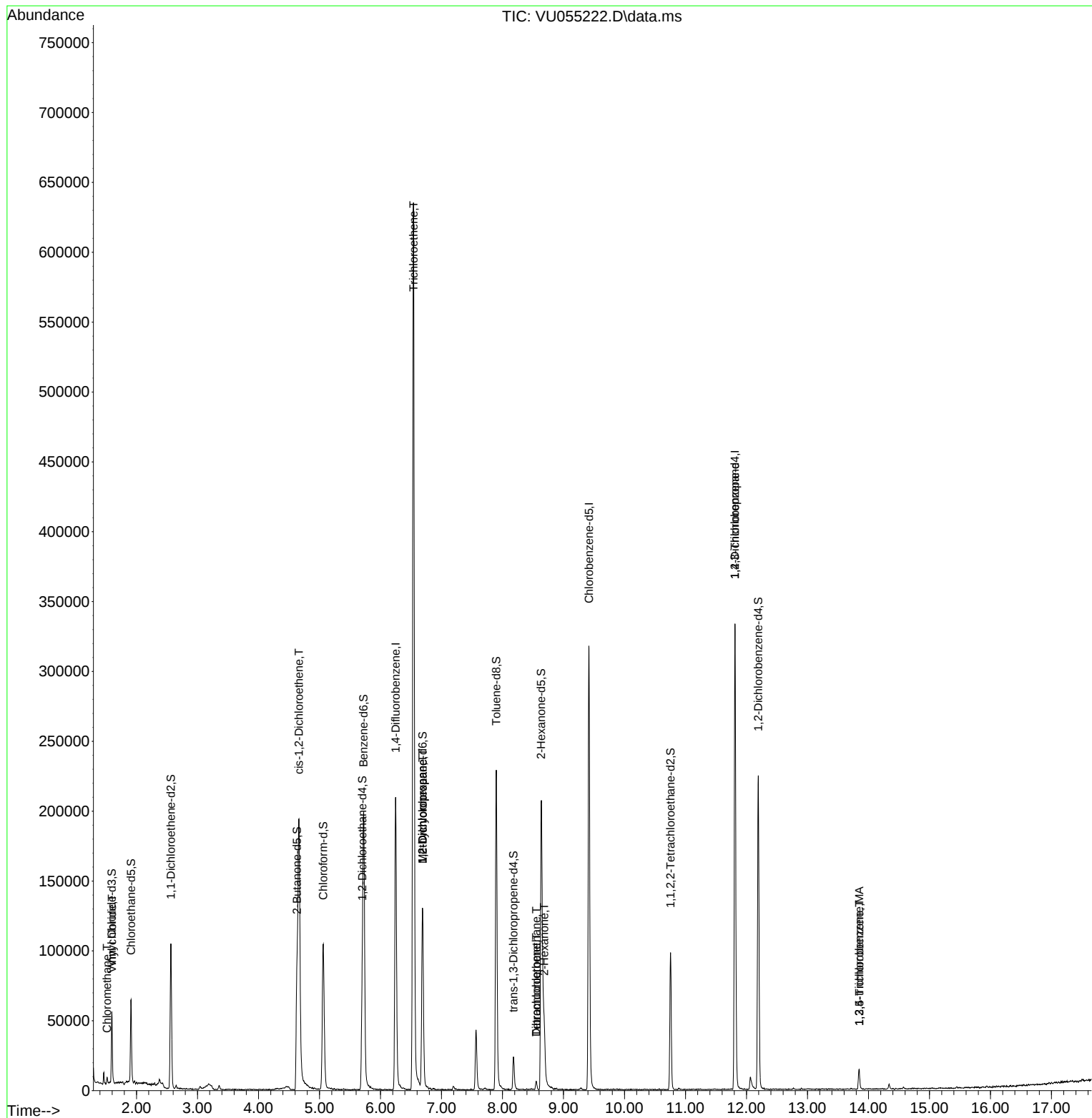
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	169662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	83871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30745	3.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	40268	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.563	65	19434	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.631	46	129166	56.918	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.840%
24) Chloroform-d	5.062	84	96677	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.701	65	52395	5.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.724	84	180884	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.689	67	62630	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.897	98	155105	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.180	79	14053	3.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.634	63	65128	43.733	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48441	5.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	55868	4.564	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3173	0.321	ug/L	93
5) Vinyl chloride	1.599	62	6197	0.595	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	85827	8.959	ug/L	97
34) Trichloroethene	6.541	95	218332	21.756	ug/L	96
35) Methylcyclohexane	6.689	83	15003	1.066	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7336	0.746	ug/L #	88
47) Tetrachloroethene	8.553	164	1253	0.181	ug/L	85
48) 2-Hexanone	8.685	43	25781	5.869	ug/L #	92
49) Dibromochloromethane	8.553	129	1302	0.180	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	12163	2.185	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.849	180	4732	0.334	ug/L	89
70) 1,2,4-trichlorobenzene	13.849	180	4732	0.356	ug/L	89

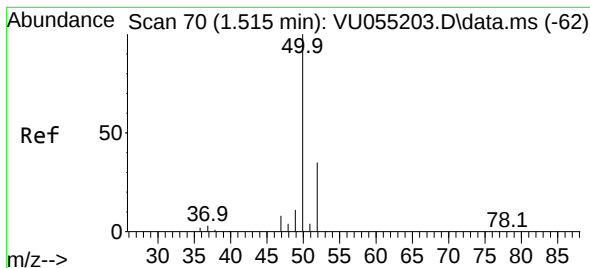
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.321 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055222.D

Acq: 08 Sep 2023 06:07

Instrument :

MSVOA_U

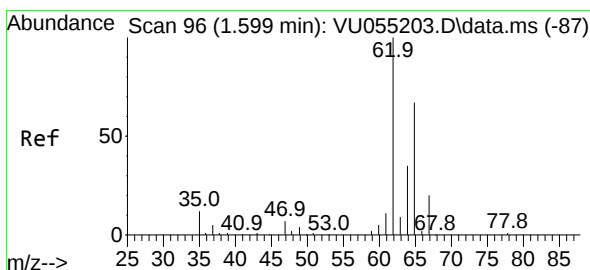
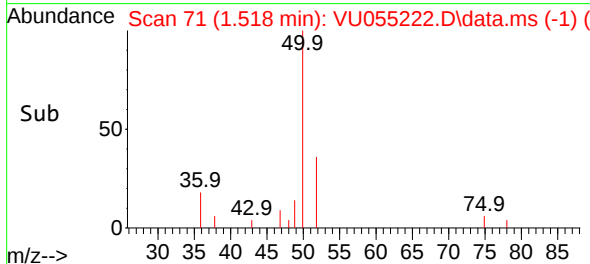
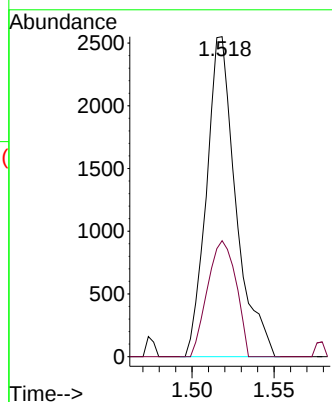
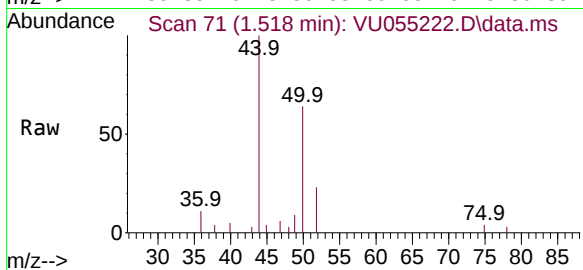
ClientSampleId :

Tgt Ion: 50 Resp: 3173

Ion Ratio Lower Upper

50 100

52 36.2 22.5 41.7



#5

Vinyl chloride

Concen: 0.595 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU055222.D

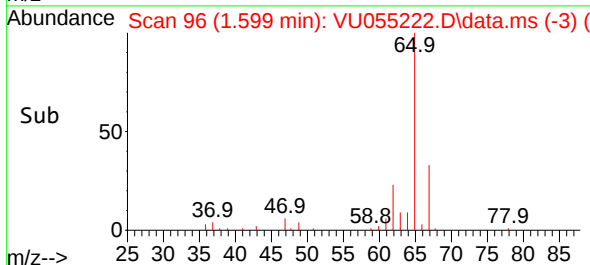
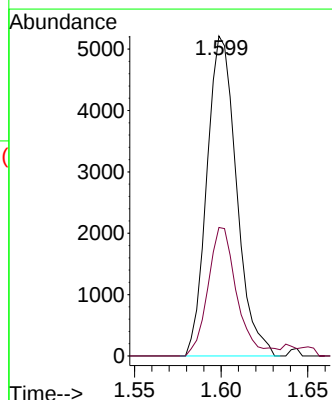
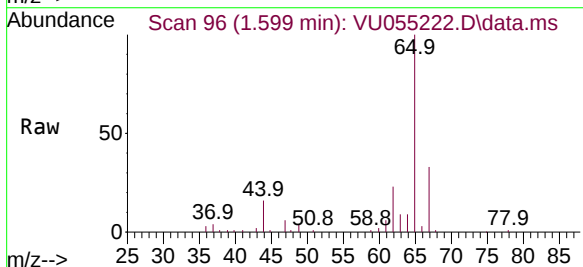
Acq: 08 Sep 2023 06:07

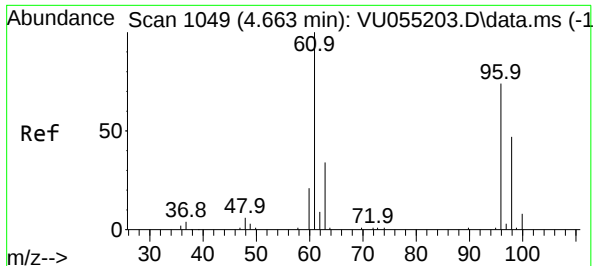
Tgt Ion: 62 Resp: 6197

Ion Ratio Lower Upper

62 100

64 40.2 24.2 45.0

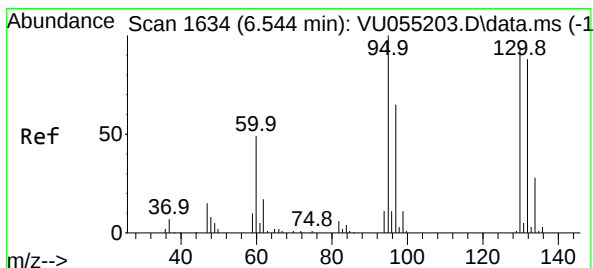
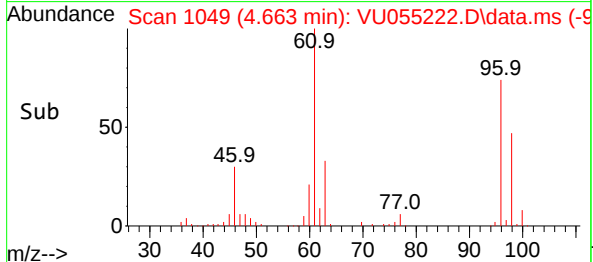
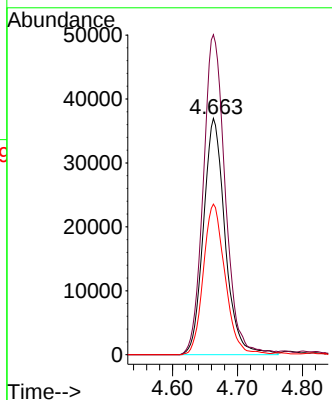
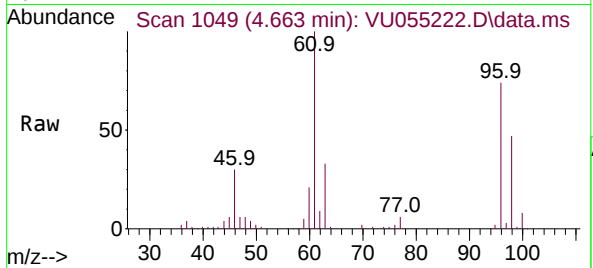




#22
 cis-1,2-Dichloroethene
 Concen: 8.959 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055222.D
 Acq: 08 Sep 2023 06:07

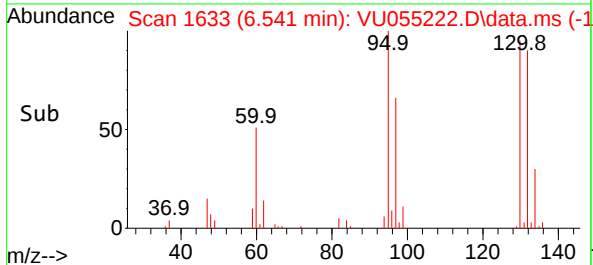
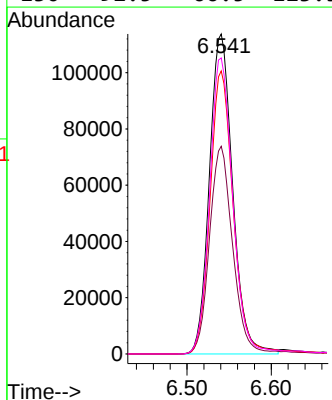
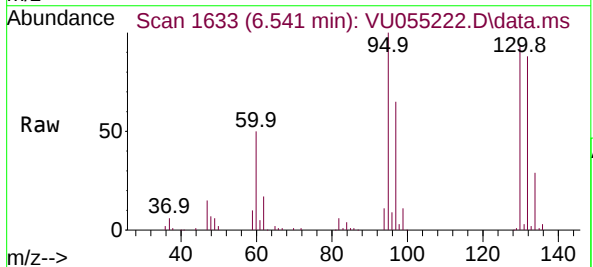
Instrument :
 MSVOA_U
 ClientSampleId :

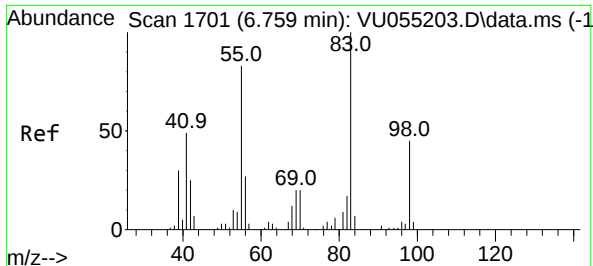
Tgt Ion: 96 Resp: 85827
 Ion Ratio Lower Upper
 96 100
 61 135.4 97.2 180.4
 98 63.7 46.1 85.7



#34
 Trichloroethene
 Concen: 21.756 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.003 min
 Lab File: VU055222.D
 Acq: 08 Sep 2023 06:07

Tgt Ion: 95 Resp: 218332
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.7 83.1
 132 88.5 66.6 123.6
 130 92.5 66.5 123.5

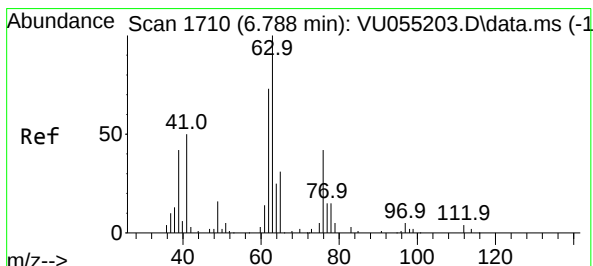
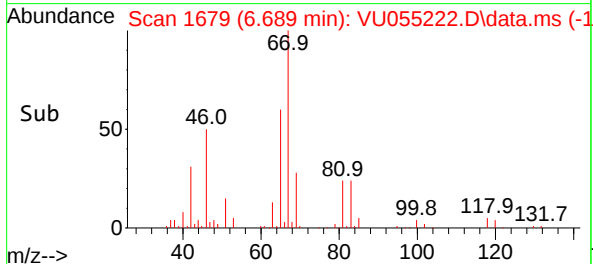
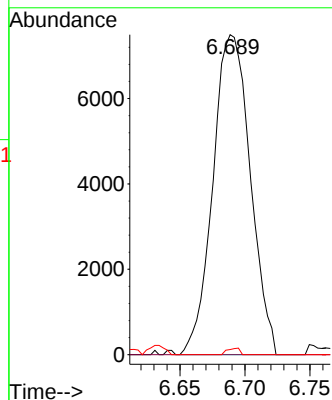
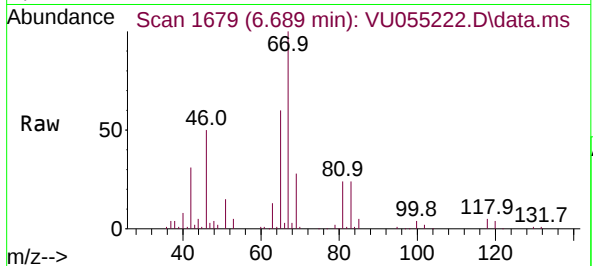




#35
Methylcyclohexane
Concen: 1.066 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055222.D
Acq: 08 Sep 2023 06:07

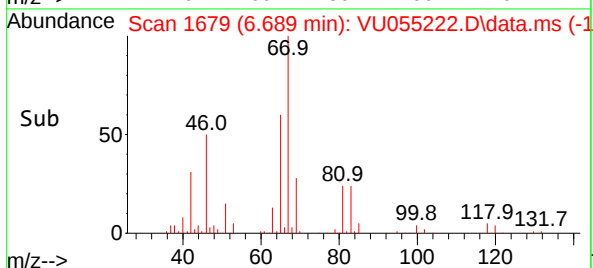
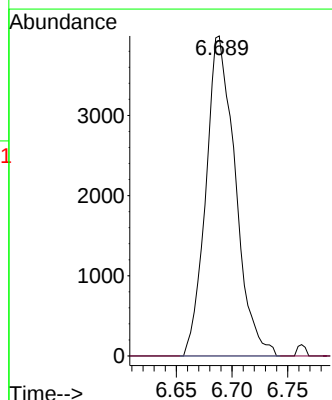
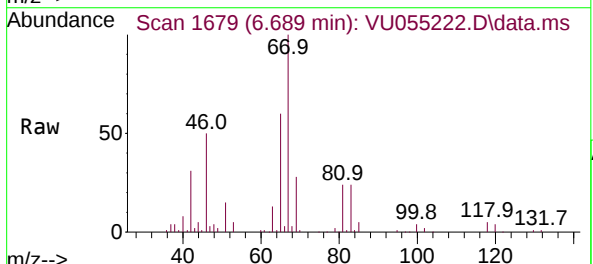
Instrument :
MSVOA_U
ClientSampleId :

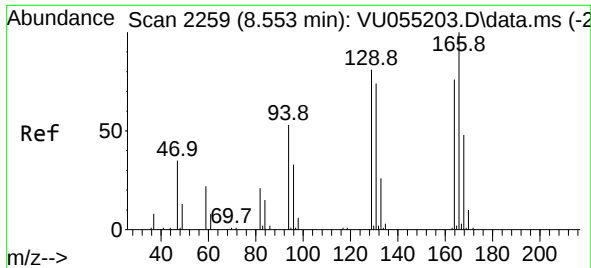
Tgt Ion: 83 Resp: 15003
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055222.D
Acq: 08 Sep 2023 06:07

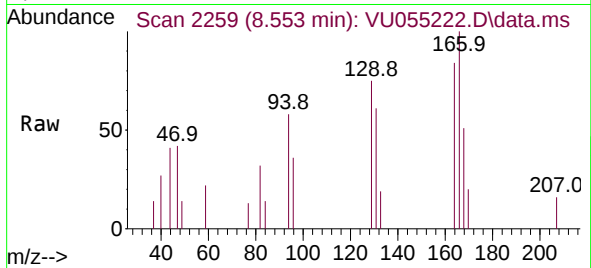
Tgt Ion: 63 Resp: 7336
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



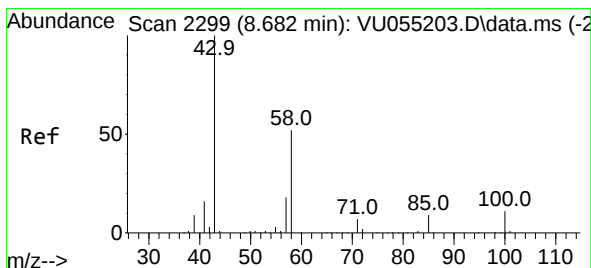
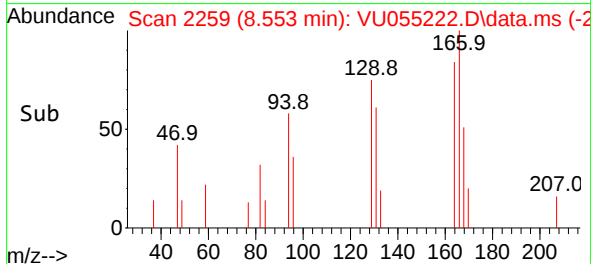
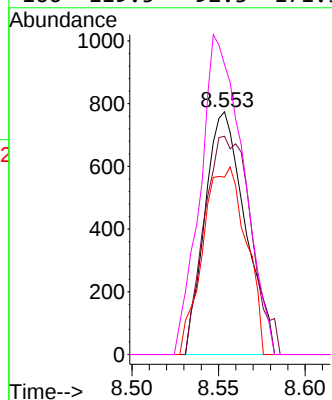


#47
Tetrachloroethene
Concen: 0.181 ug/L
RT: 8.553 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055222.D
Acq: 08 Sep 2023 06:07

Instrument :
MSVOA_U
ClientSampleId :

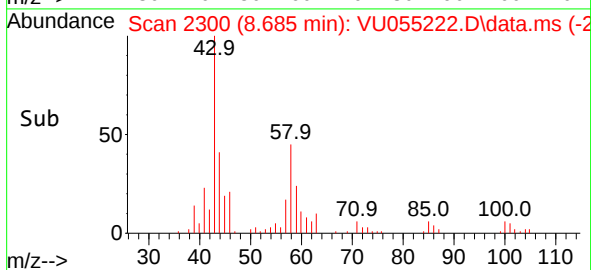
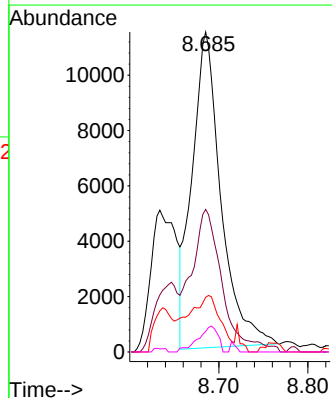
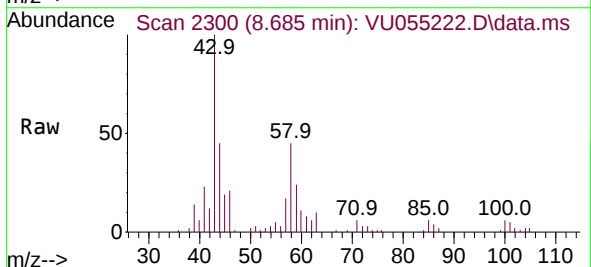


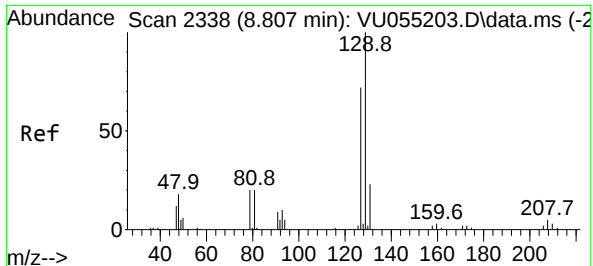
Tgt	Ion:164	Resp:	1253
Ion	Ratio	Lower	Upper
164	100		
129	89.9	69.2	128.6
131	73.1	68.8	127.8
166	119.5	92.3	171.5



#48
2-Hexanone
Concen: 5.869 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055222.D
Acq: 08 Sep 2023 06:07

Tgt	Ion: 43	Resp:	25781
Ion	Ratio	Lower	Upper
43	100		
58	47.8	44.0	66.0
57	19.7	16.2	24.2
100	5.6	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.180 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055222.D

Acq: 08 Sep 2023 06:07

Instrument :

MSVOA_U

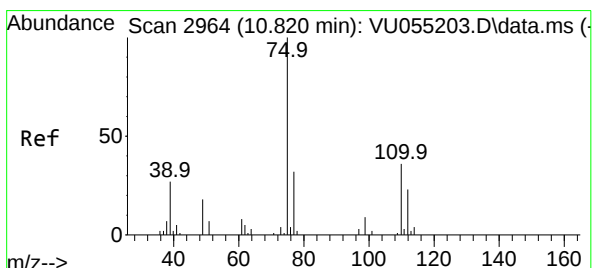
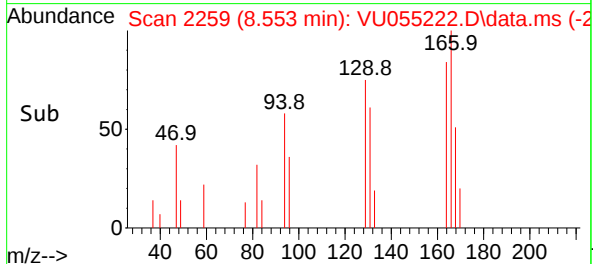
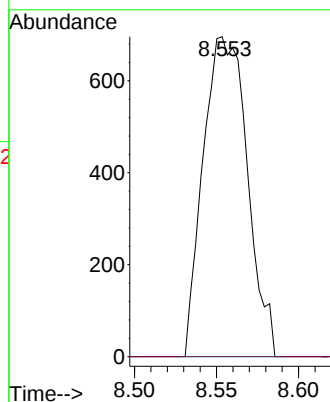
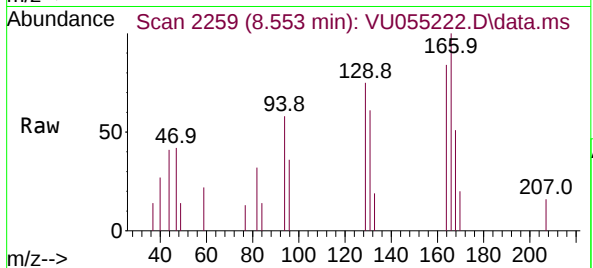
ClientSampleId :

Tgt Ion:129 Resp: 1302

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.185 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055222.D

Acq: 08 Sep 2023 06:07

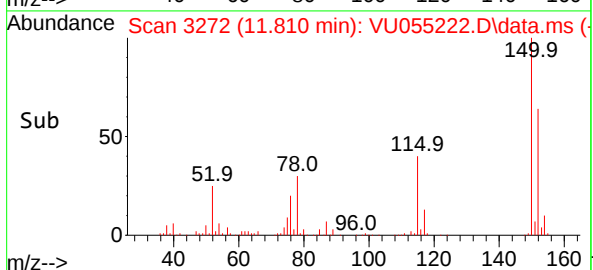
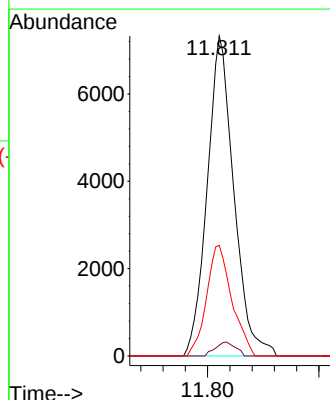
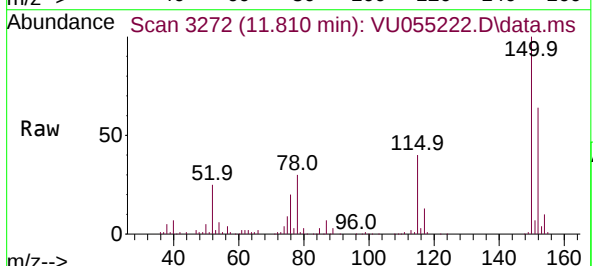
Tgt Ion: 75 Resp: 12163

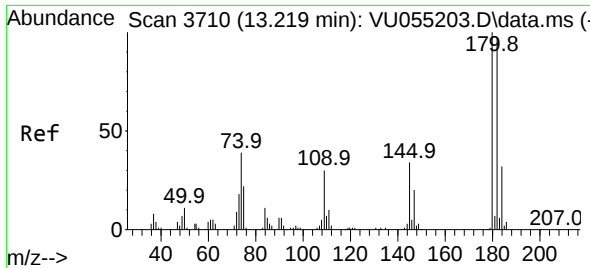
Ion Ratio Lower Upper

75 100

110 3.3 28.2 42.2#

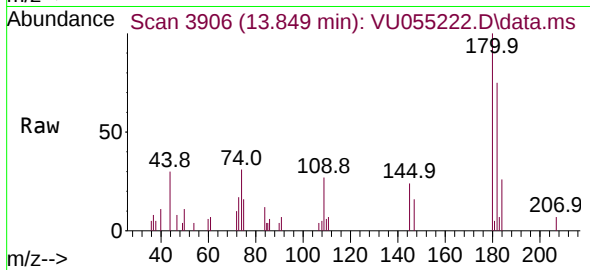
77 32.8 26.2 39.4



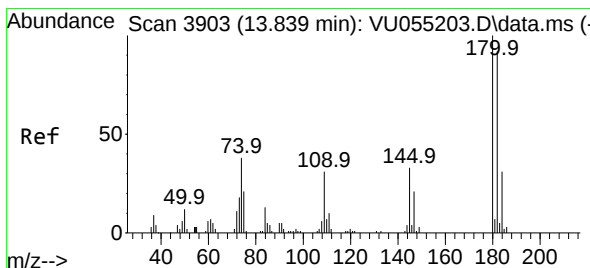
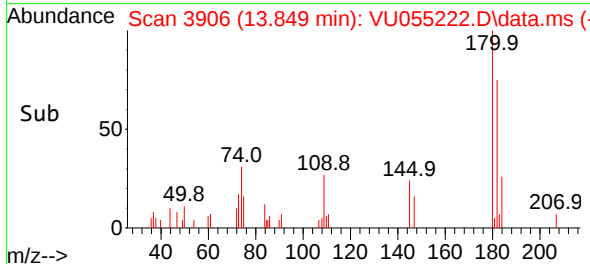
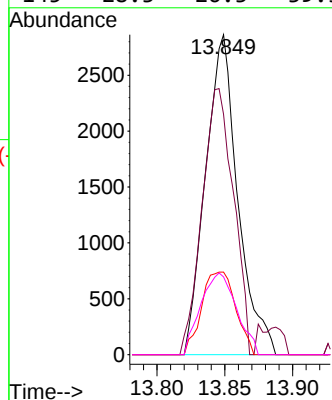


#69
 1,3,5-Trichlorobenzene
 Concen: 0.334 ug/L
 RT: 13.849 min Scan# 3906
 Delta R.T. 0.630 min
 Lab File: VU055222.D
 Acq: 08 Sep 2023 06:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4732
 Ion Ratio Lower Upper
 180 100
 182 80.7 75.8 113.6
 184 27.3 24.0 36.0
 145 28.3 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 0.356 ug/L
 RT: 13.849 min Scan# 3906
 Delta R.T. 0.010 min
 Lab File: VU055222.D
 Acq: 08 Sep 2023 06:07

Tgt Ion:180 Resp: 4732
 Ion Ratio Lower Upper
 180 100
 182 80.7 73.6 110.4
 145 28.3 25.8 38.8

