

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055580.D
 Acq On : 28 Sep 2023 16:00
 Operator : MD/SY
 Sample : 04530-09DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

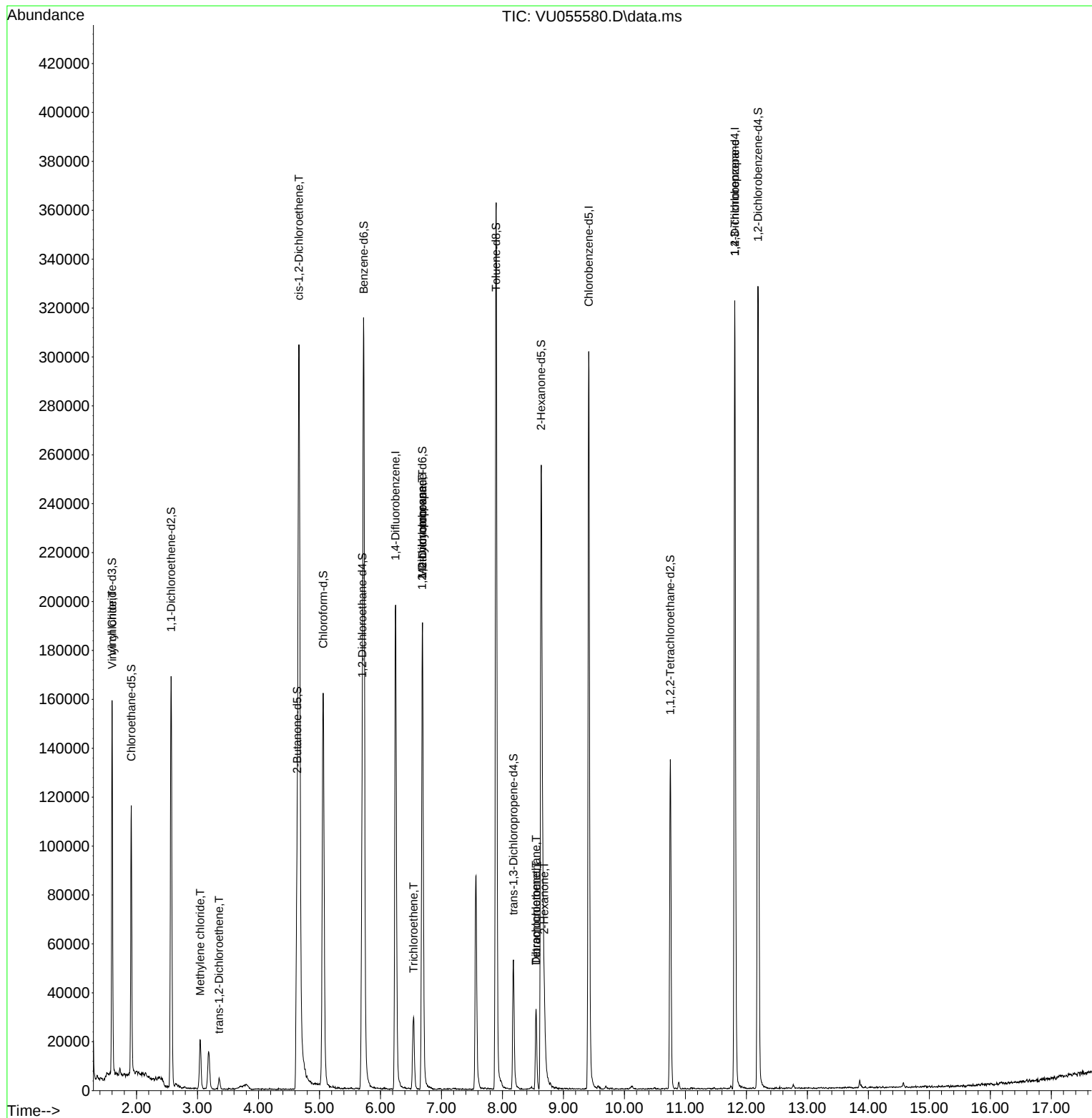
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	163863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	85075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83467	5.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.914	69	76780	5.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.567	65	31745	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.634	46	155610	52.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.040%
24) Chloroform-d	5.062	84	153302	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.701	65	76067	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.727	84	302447	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.689	67	93266	5.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.897	98	253317	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.180	79	33298	5.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.634	63	85109	43.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70005	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	89215	5.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	29850	1.971	ug/L	95
16) Methylene chloride	3.046	84	10135	0.738	ug/L	95
18) trans-1,2-Dichloroethene	3.354	96	1896	0.164	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	144765	10.813	ug/L	99
34) Trichloroethene	6.544	95	10206	0.719	ug/L	93
35) Methylcyclohexane	6.689	83	22880	1.119	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	9925	0.756	ug/L #	88
47) Tetrachloroethene	8.553	164	6921	0.680	ug/L	89
48) 2-Hexanone	8.685	43	20309	4.402	ug/L #	79
49) Dibromochloromethane	8.553	129	7005	0.726	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	11199	1.686	ug/L #	66

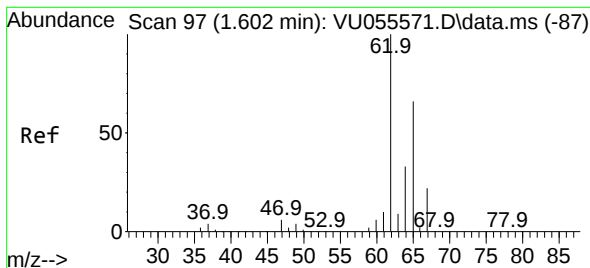
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
Data File : VU055580.D
Acq On : 28 Sep 2023 16:00
Operator : MD/SY
Sample : 04530-09DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 29 02:13:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.971 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055580.D

Acq: 28 Sep 2023 16:00

Instrument :

MSVOA_U

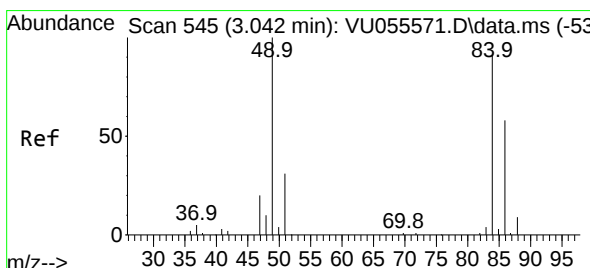
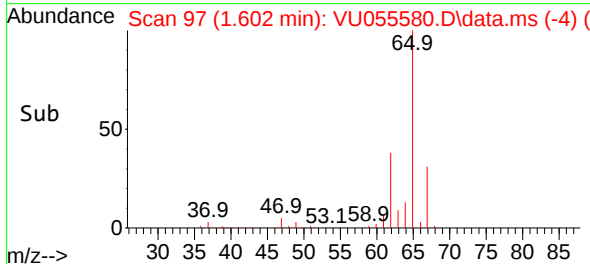
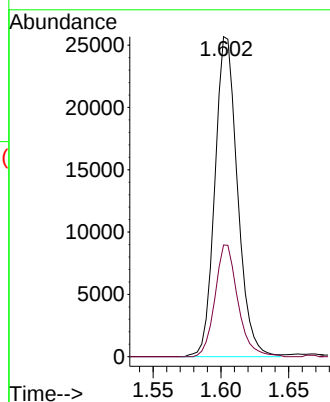
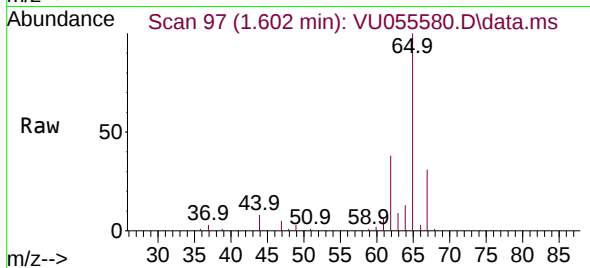
ClientSampleId :

Tgt Ion: 62 Resp: 29850

Ion Ratio Lower Upper

62 100

64 34.9 22.3 41.5



#16

Methylene chloride

Concen: 0.738 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.003 min

Lab File: VU055580.D

Acq: 28 Sep 2023 16:00

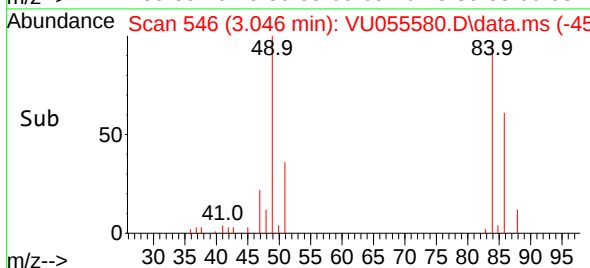
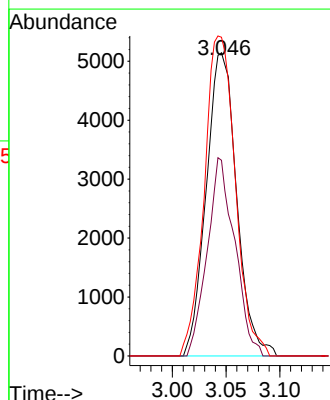
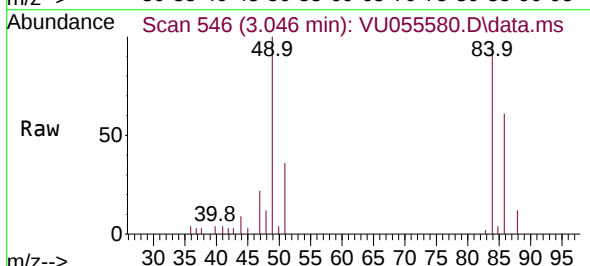
Tgt Ion: 84 Resp: 10135

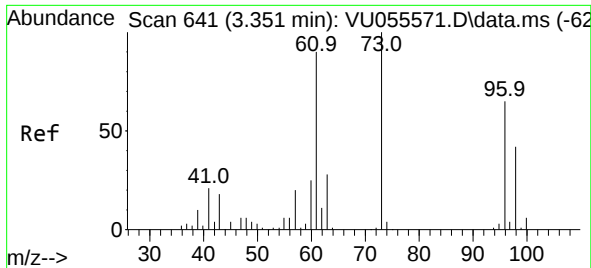
Ion Ratio Lower Upper

84 100

86 64.5 44.9 83.3

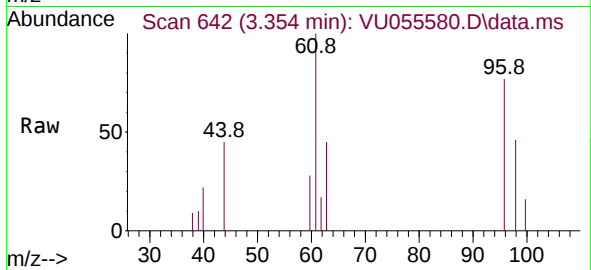
49 105.1 78.8 146.3





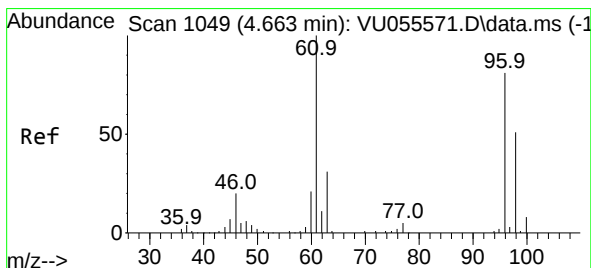
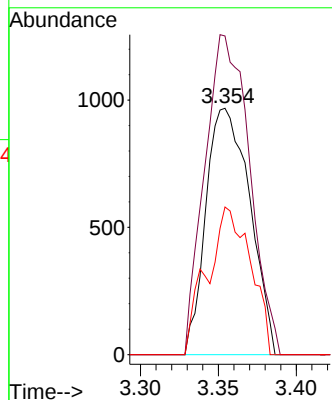
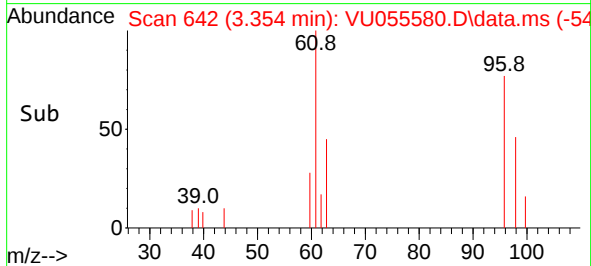
#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055580.D
Acq: 28 Sep 2023 16:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 1896

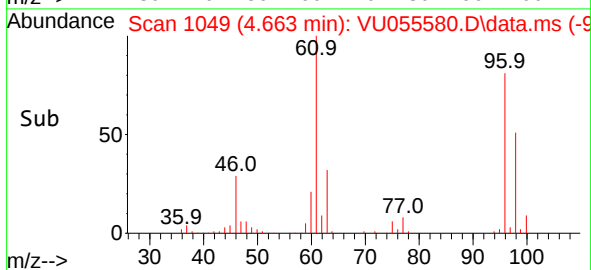
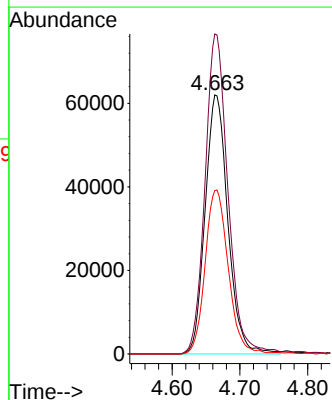
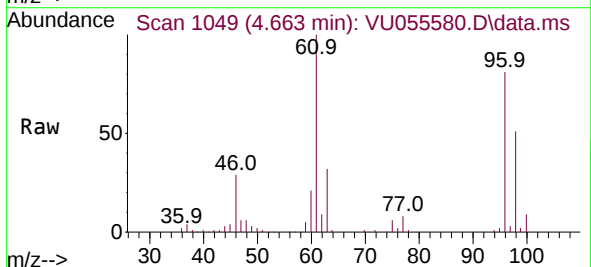
Ion	Ratio	Lower	Upper
96	100		
61	129.3	94.6	175.6
98	59.9	45.7	84.9

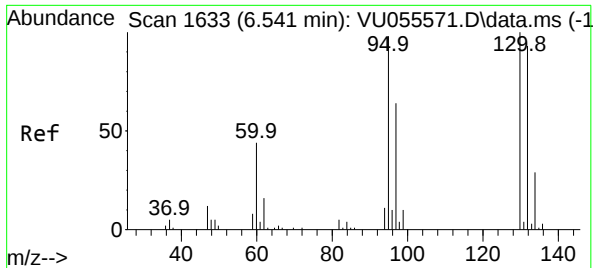


#22
cis-1,2-Dichloroethene
Concen: 10.813 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055580.D
Acq: 28 Sep 2023 16:00

Tgt Ion: 96 Resp: 144765

Ion	Ratio	Lower	Upper
96	100		
61	123.5	87.8	163.2
98	63.0	44.4	82.4

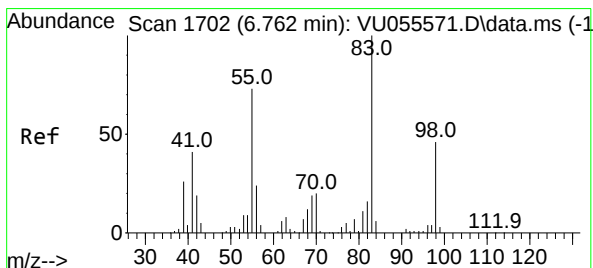
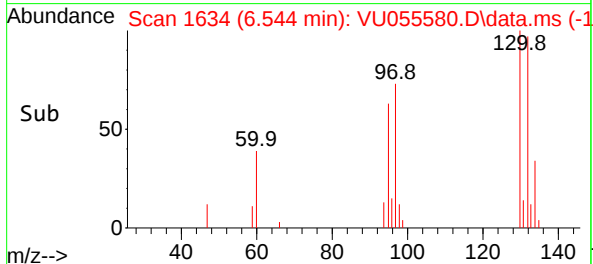
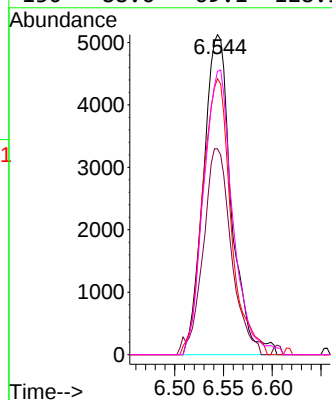
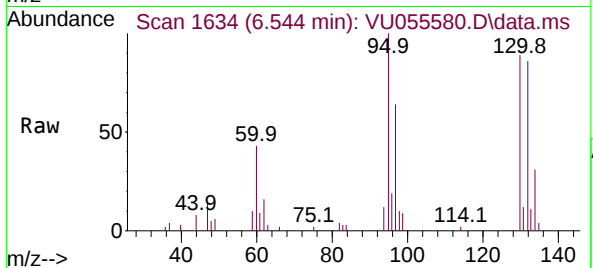




#34
Trichloroethene
Concen: 0.719 ug/L
RT: 6.544 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055580.D
Acq: 28 Sep 2023 16:00

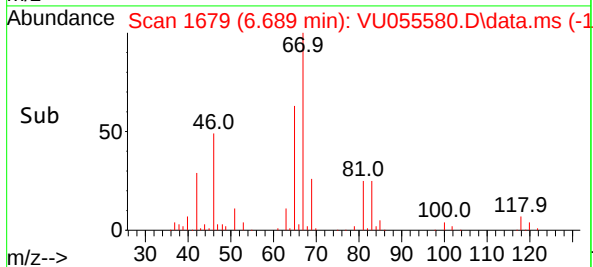
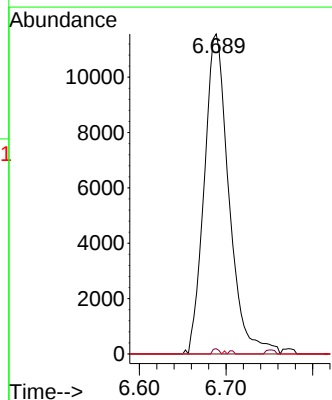
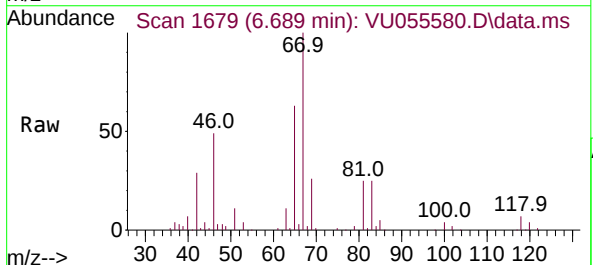
Instrument :
MSVOA_U
ClientSampleId :

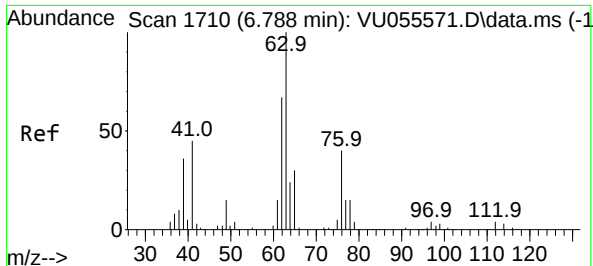
Tgt Ion: 95 Resp: 10206
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.2
132 86.3 65.2 121.2
130 88.6 69.1 128.3



#35
Methylcyclohexane
Concen: 1.119 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055580.D
Acq: 28 Sep 2023 16:00

Tgt Ion: 83 Resp: 22880
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 2.7 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.756 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055580.D

Acq: 28 Sep 2023 16:00

Instrument :

MSVOA_U

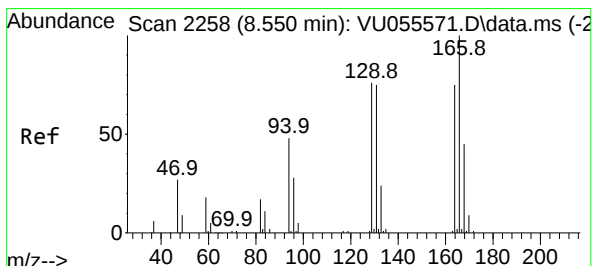
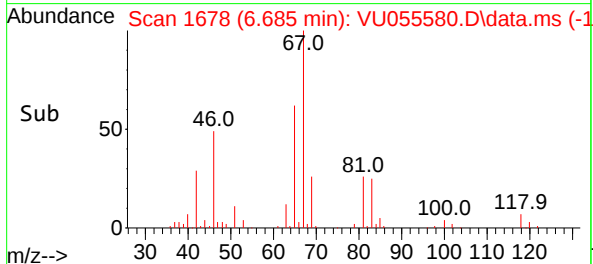
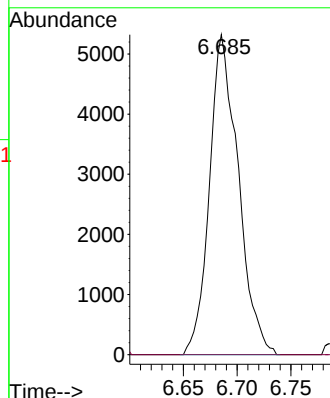
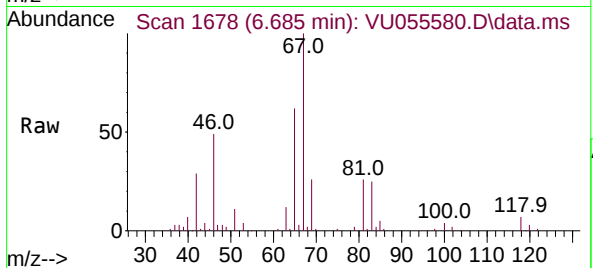
ClientSampleId :

Tgt Ion: 63 Resp: 9925

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.680 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055580.D

Acq: 28 Sep 2023 16:00

Tgt Ion: 164 Resp: 6921

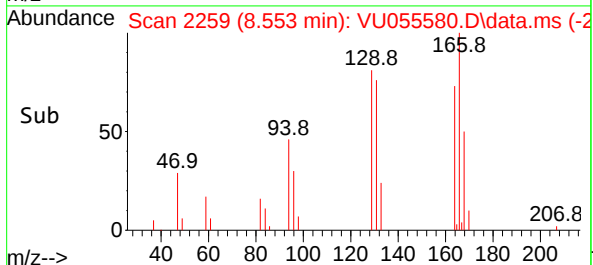
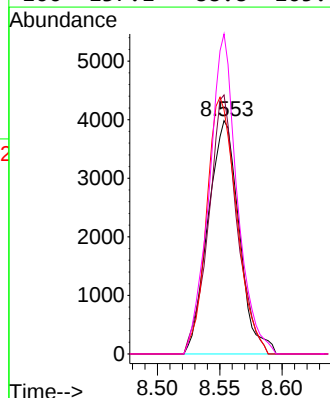
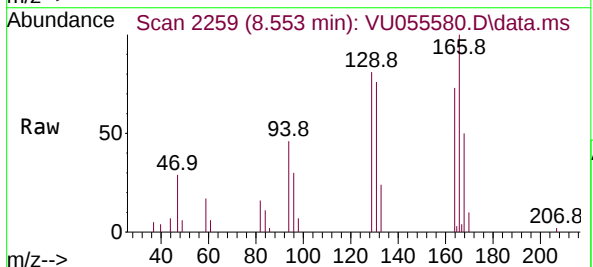
Ion Ratio Lower Upper

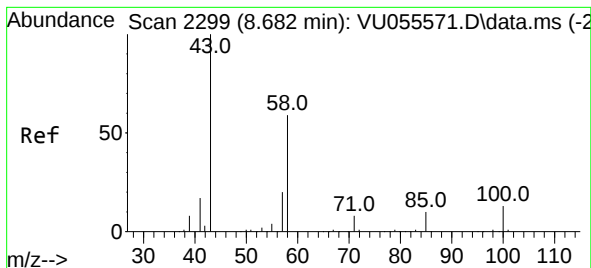
164 100

129 111.0 67.4 125.2

131 104.6 66.4 123.2

166 137.1 88.8 165.0





#48

2-Hexanone

Concen: 4.402 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

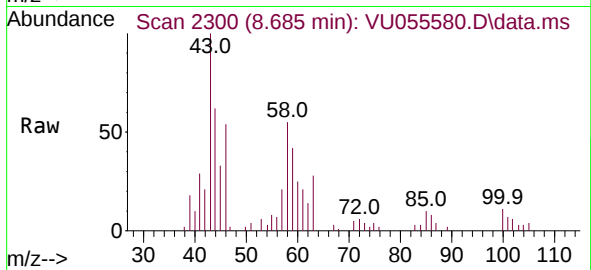
Lab File: VU055580.D

Acq: 28 Sep 2023 16:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 20309

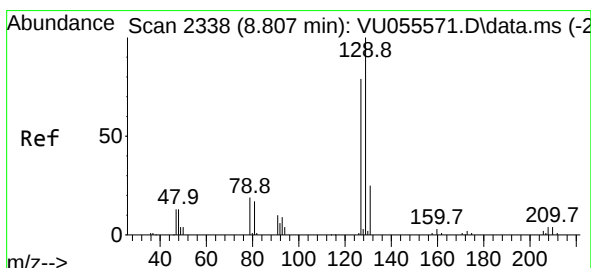
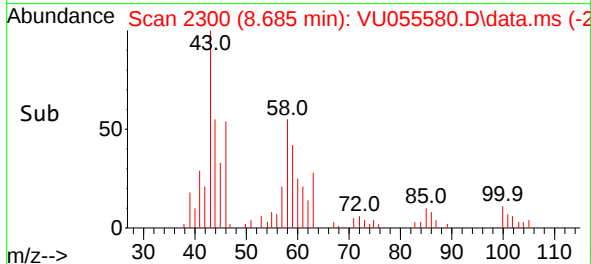
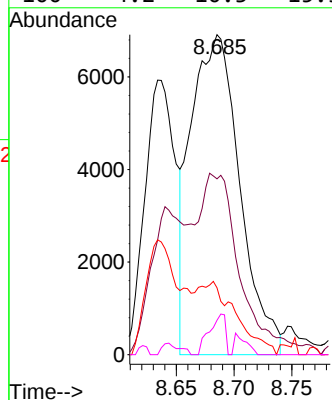
Ion Ratio Lower Upper

43 100

58 42.0 48.5 72.7#

57 17.4 17.0 25.4

100 4.2 10.3 15.5#



#49

Dibromochloromethane

Concen: 0.726 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.254 min

Lab File: VU055580.D

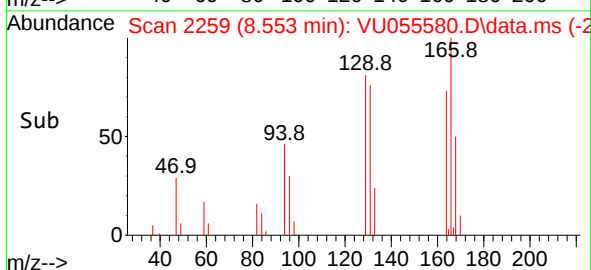
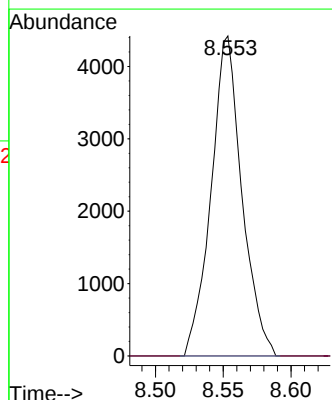
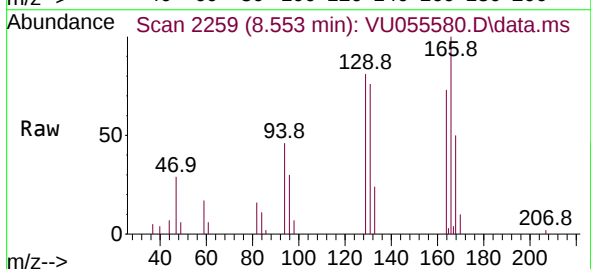
Acq: 28 Sep 2023 16:00

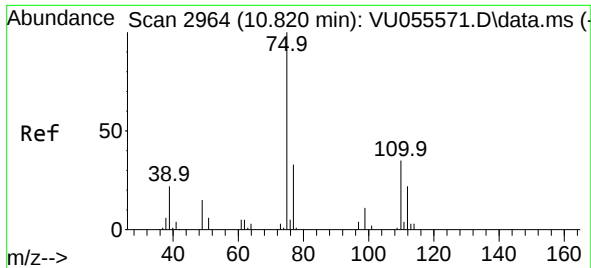
Tgt Ion:129 Resp: 7005

Ion Ratio Lower Upper

129 100

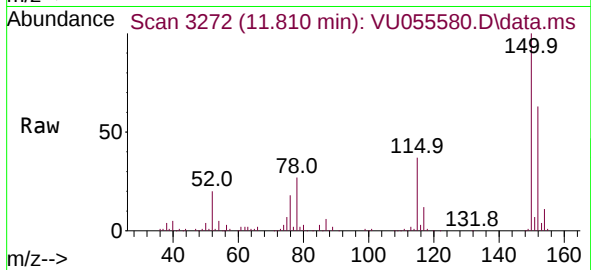
127 0.0 56.8 105.6#





#61
1,2,3-Trichloropropane
Concen: 1.686 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055580.D
Acq: 28 Sep 2023 16:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11199
Ion Ratio Lower Upper
75 100
110 1.3 30.6 45.8#
77 31.4 26.7 40.1

