

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058831.D
 Acq On : 06 May 2024 13:49
 Operator : MD/SY
 Sample : P2392-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

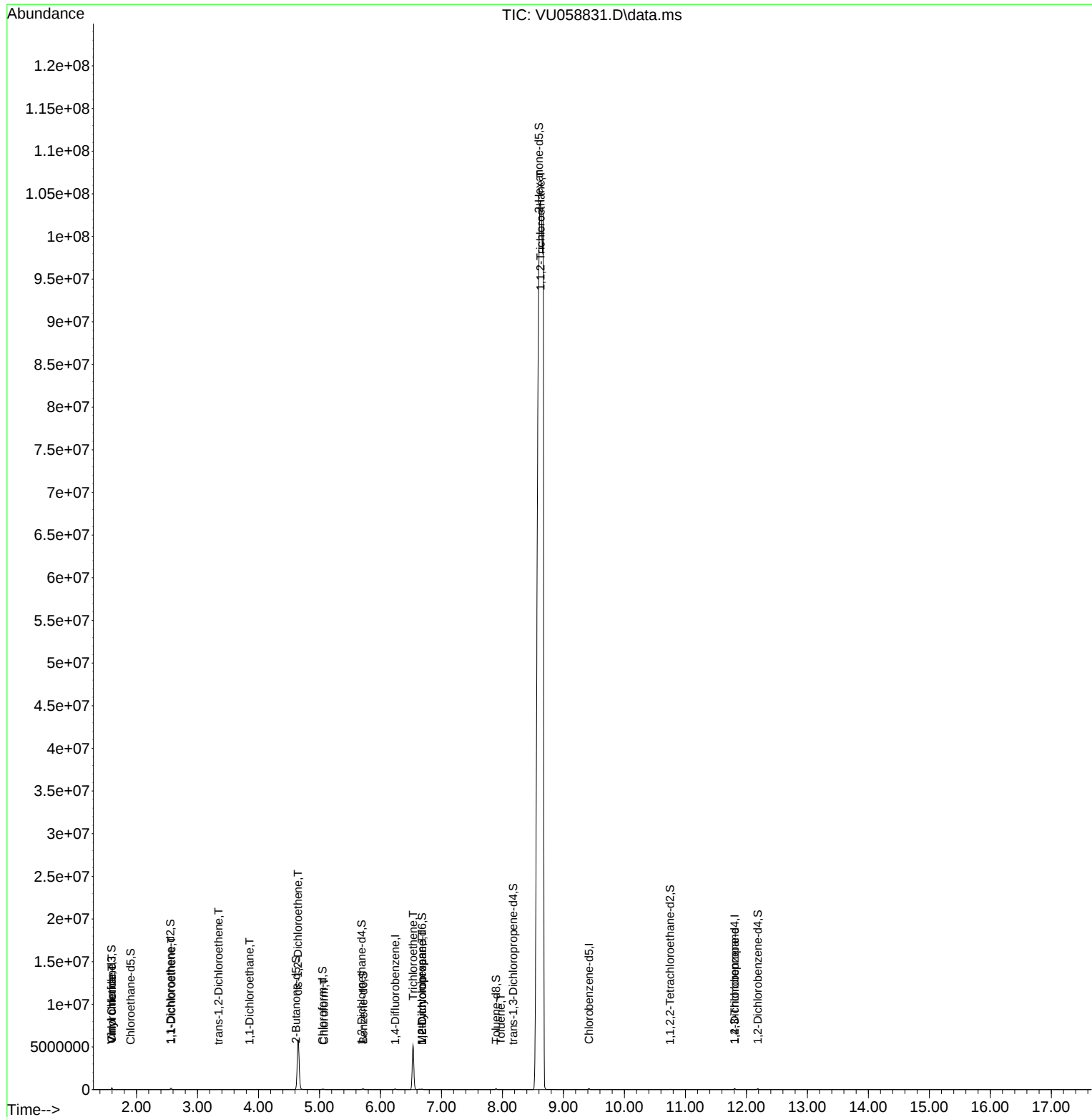
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	71711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	16924	3.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.904	69	13647	3.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.557	65	10258	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.615	46	42048	45.706	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	5.049	84	51125	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	26838	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.717	84	86954	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.682	67	24937	3.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.897	98	77919	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.177	79	10083	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.598	63	1043	1.420	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	2.840%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18788	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	29445	4.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.595	50	1316	0.231	ug/L #	42
5) Vinyl chloride	1.595	62	136349	23.549	ug/L	98
12) 1,1-Dichloroethene	2.570	96	46758	9.645	ug/L	85
18) trans-1,2-Dichloroethene	3.345	96	8607	1.773	ug/L	97
19) 1,1-Dichloroethane	3.856	63	21802	2.120	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	2897826	543.240	ug/L	97
25) Chloroform	5.078	83	26767	2.504	ug/L	99
34) Trichloroethene	6.534	95	1731482	256.477	ug/L	98
35) Methylcyclohexane	6.679	83	6448	0.628	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3420	0.528	ug/L #	89
42) Toluene	7.971	91	8387	0.327	ug/L	97
45) 1,1,2-Trichloroethane	8.624	97	845142	226.641	ug/L #	1
61) 1,2,3-Trichloropropane	11.807	75	4399	1.407	ug/L #	65

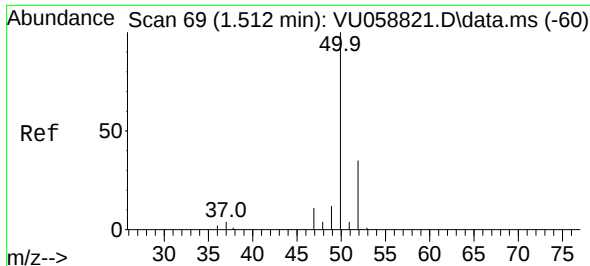
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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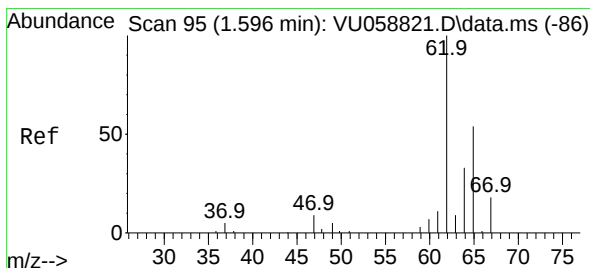
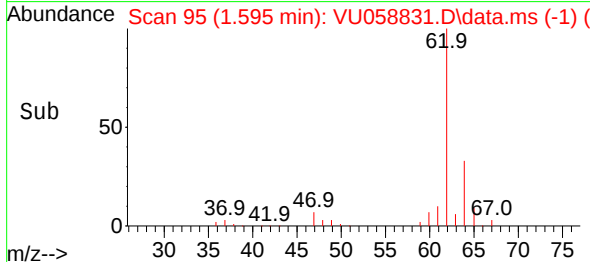
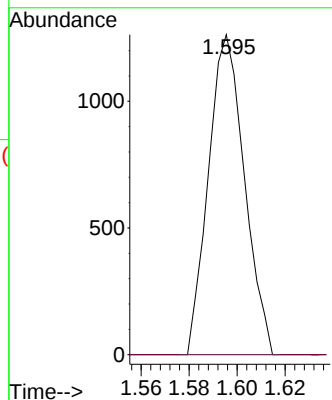
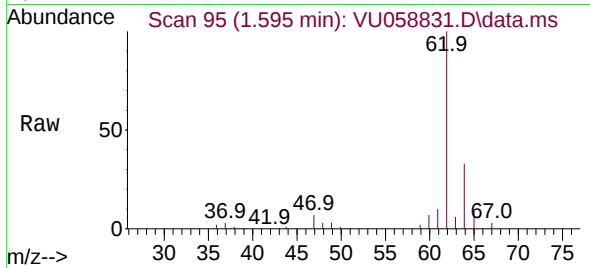




#3
Chloromethane
Concen: 0.231 ug/L
RT: 1.595 min Scan# 95
Delta R.T. 0.083 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

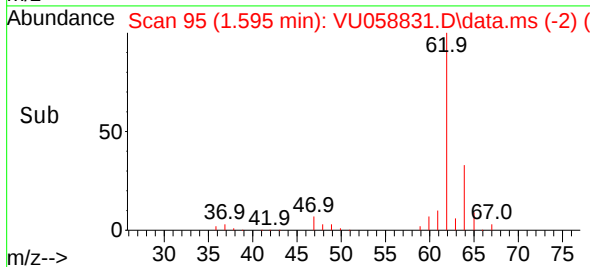
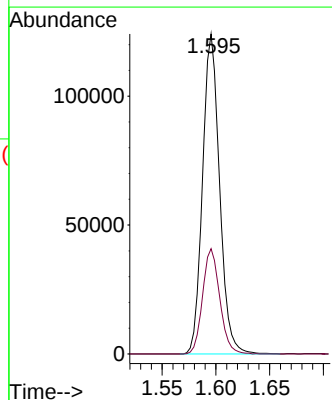
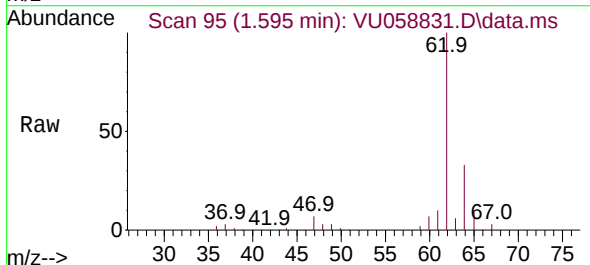
Instrument :
MSVOA_U
ClientSampleId :

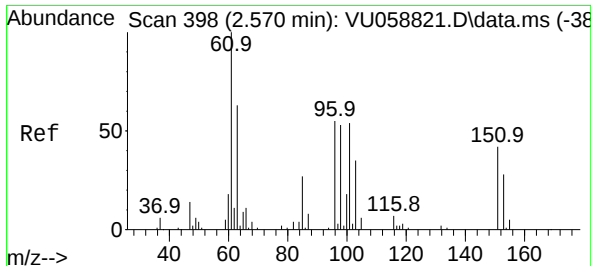
Tgt Ion: 50 Resp: 1316
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#5
Vinyl chloride
Concen: 23.549 ug/L
RT: 1.595 min Scan# 95
Delta R.T. -0.000 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

Tgt Ion: 62 Resp: 136349
Ion Ratio Lower Upper
62 100
64 32.9 23.8 44.2





#12

1,1-Dichloroethene

Concen: 9.645 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

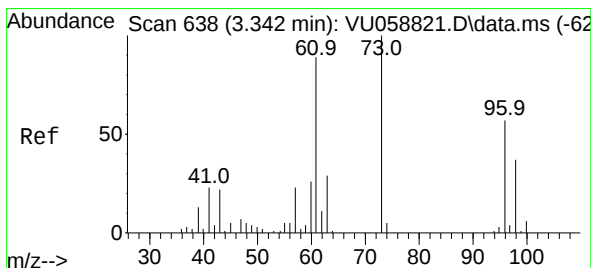
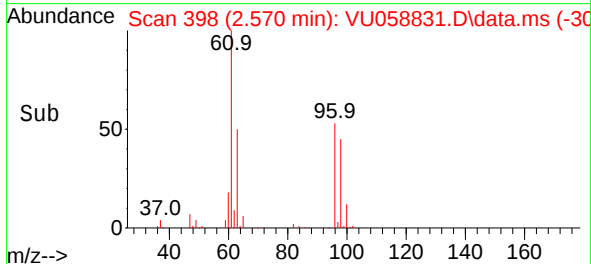
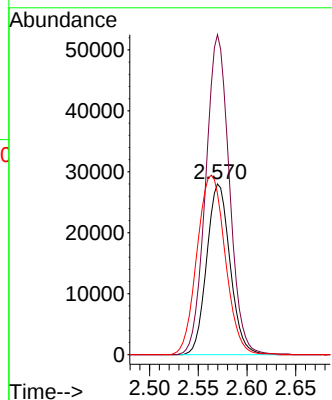
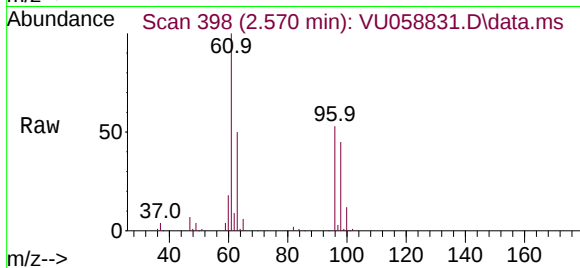
Tgt Ion: 96 Resp: 46758

Ion Ratio Lower Upper

96 100

61 187.5 135.3 251.3

63 94.5 91.9 170.7



#18

trans-1,2-Dichloroethene

Concen: 1.773 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.003 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

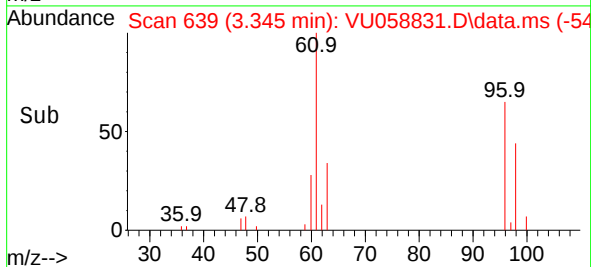
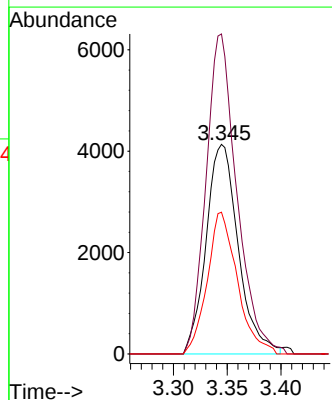
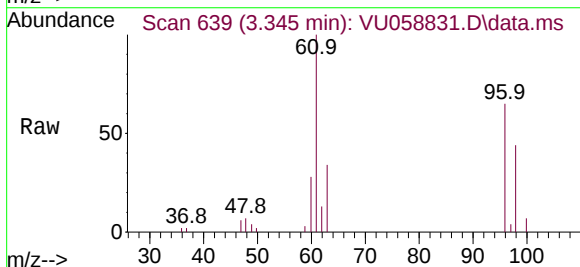
Tgt Ion: 96 Resp: 8607

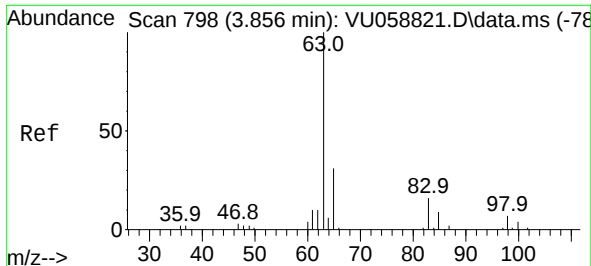
Ion Ratio Lower Upper

96 100

61 152.7 108.6 201.8

98 67.6 44.4 82.4

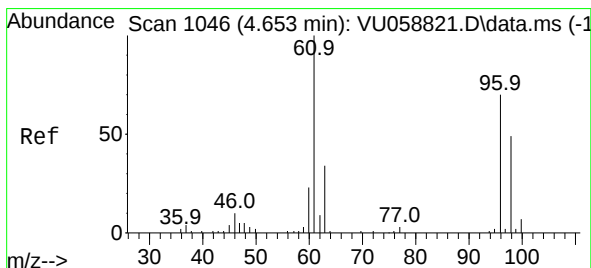
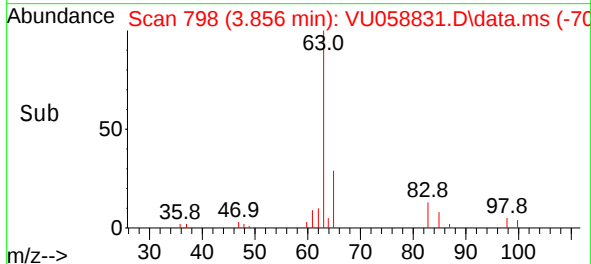
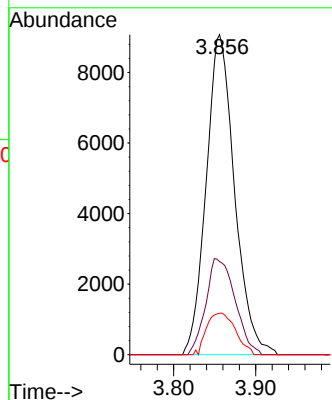
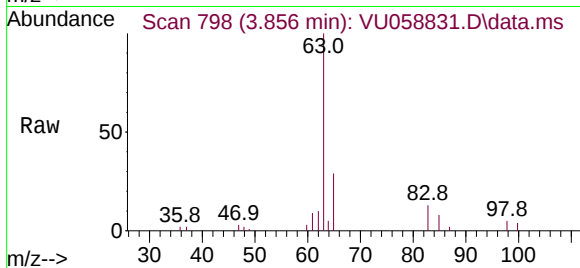




#19
1,1-Dichloroethane
Concen: 2.120 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

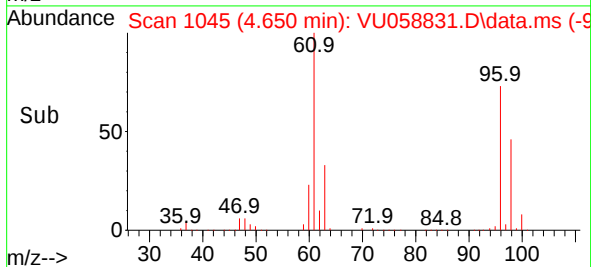
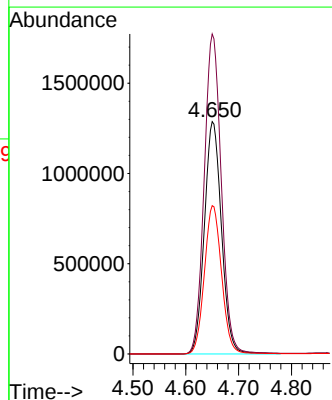
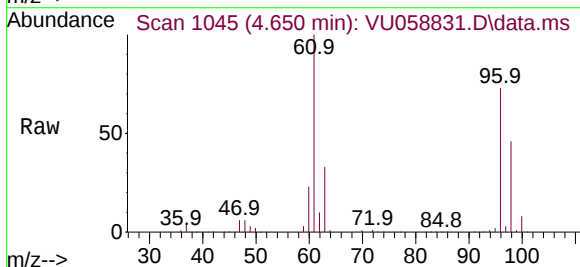
Instrument :
MSVOA_U
ClientSampleId :

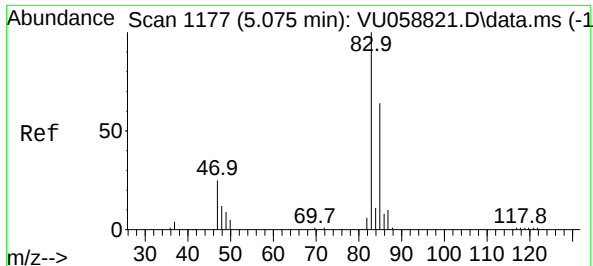
Tgt Ion:	63	Resp:	21802
Ion	Ratio	Lower	Upper
63	100		
65	29.1	21.6	40.2
83	13.0	9.5	17.7



#22
cis-1,2-Dichloroethene
Concen: 543.240 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

Tgt Ion:	96	Resp:	2897826
Ion	Ratio	Lower	Upper
96	100		
61	137.7	100.4	186.4
98	63.9	45.1	83.7





#25

Chloroform

Concen: 2.504 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Instrument :

MSVOA_U

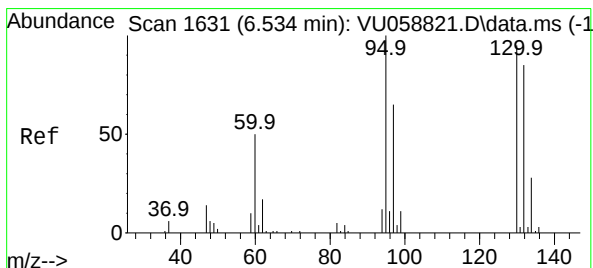
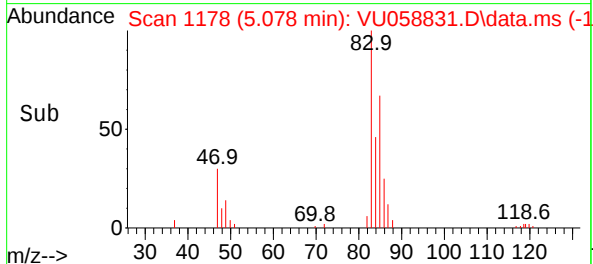
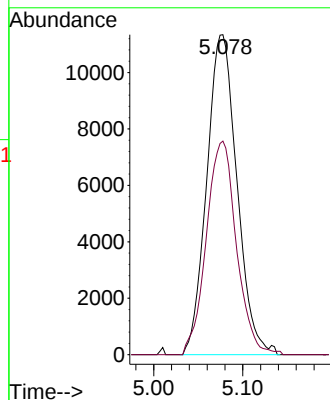
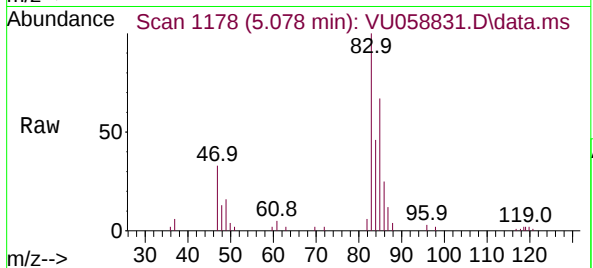
ClientSampleId :

Tgt Ion: 83 Resp: 26767

Ion Ratio Lower Upper

83 100

85 66.7 47.0 87.4



#34

Trichloroethene

Concen: 256.477 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Tgt Ion: 95 Resp: 1731482

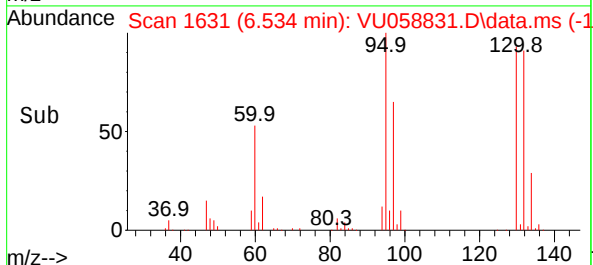
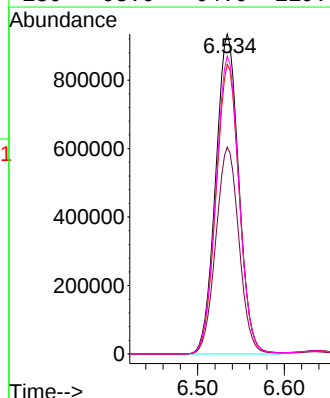
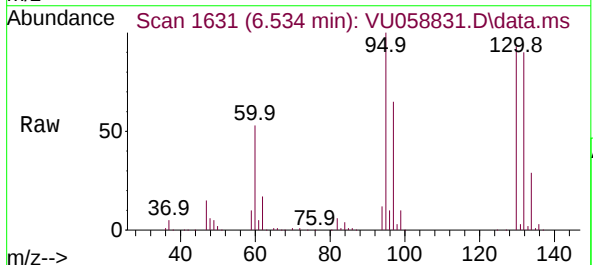
Ion Ratio Lower Upper

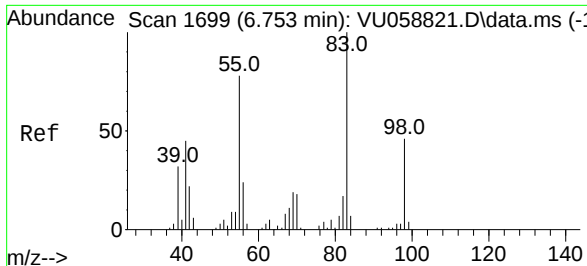
95 100

97 64.7 44.4 82.4

132 90.5 61.6 114.4

130 93.0 64.0 119.0

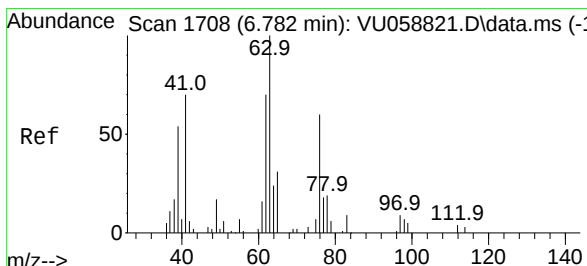
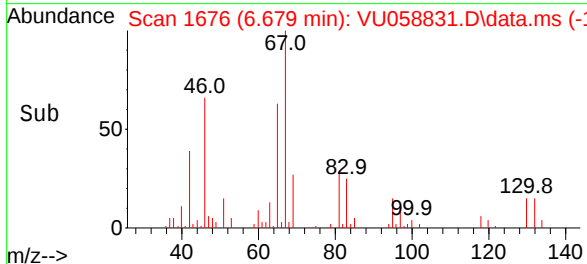
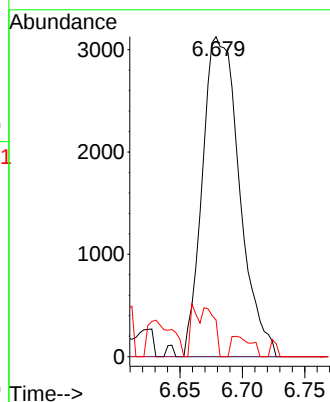
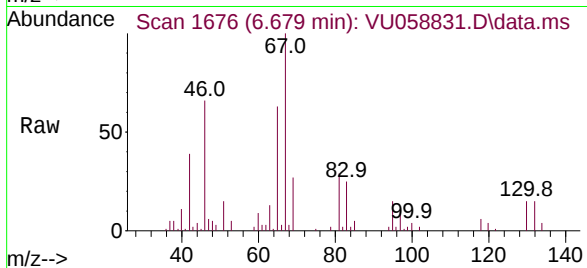




#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

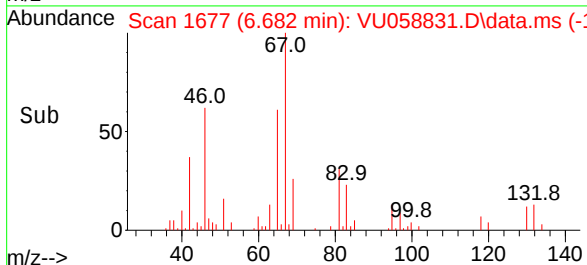
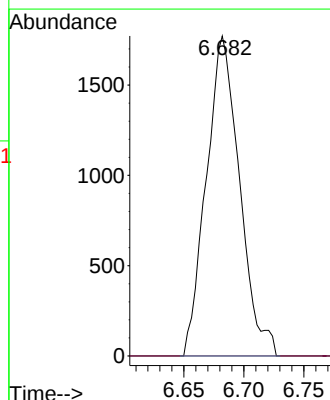
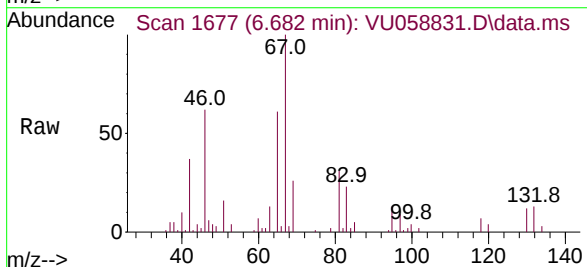
Instrument :
MSVOA_U
ClientSampleId :

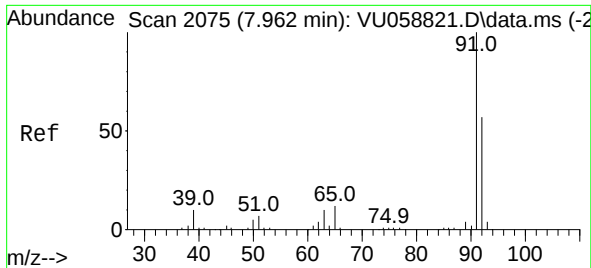
Tgt Ion: 83 Resp: 6448
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.0 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

Tgt Ion: 63 Resp: 3420
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#42

Toluene

Concen: 0.327 ug/L

RT: 7.971 min Scan# 2075

Delta R.T. 0.009 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Instrument :

MSVOA_U

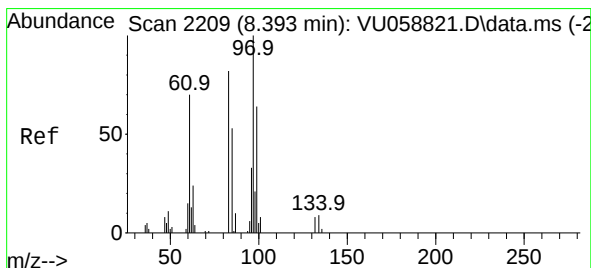
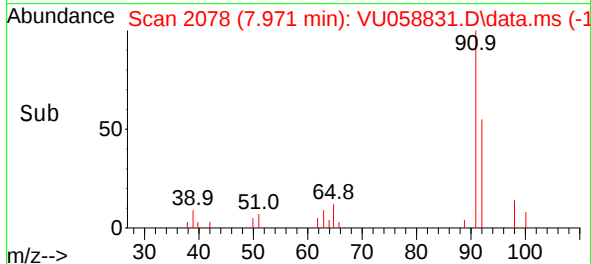
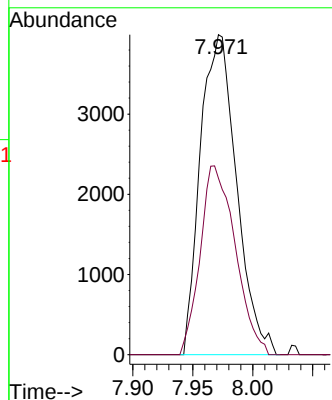
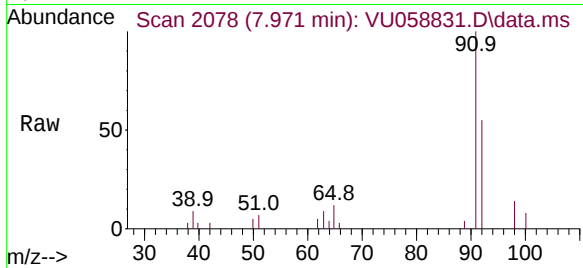
ClientSampleId :

Tgt Ion: 91 Resp: 8387

Ion Ratio Lower Upper

91 100

92 55.1 40.0 74.2



#45

1,1,2-Trichloroethane

Concen: 226.641 ug/L

RT: 8.624 min Scan# 2281

Delta R.T. 0.231 min

Lab File: VU058831.D

Acq: 06 May 2024 13:49

Tgt Ion: 97 Resp: 845142

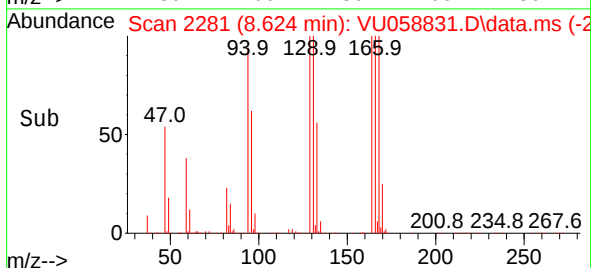
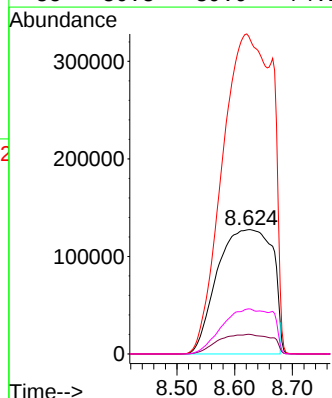
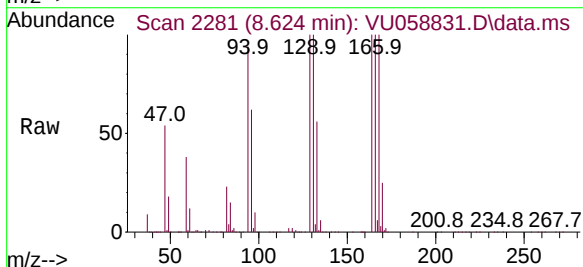
Ion Ratio Lower Upper

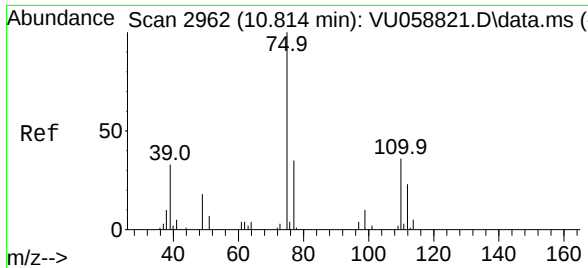
97 100

99 15.8 43.7 81.1#

83 255.5 62.9 116.9#

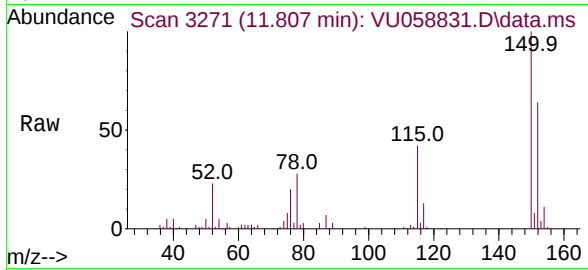
85 36.3 39.9 74.1#





#61
1,2,3-Trichloropropane
Concen: 1.407 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU058831.D
Acq: 06 May 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4399
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	35.3	25.4	38.2

