

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054475.D
 Acq On : 09 Jun 2023 20:14
 Operator : MD/SY
 Sample : 03104-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 12 01:03:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

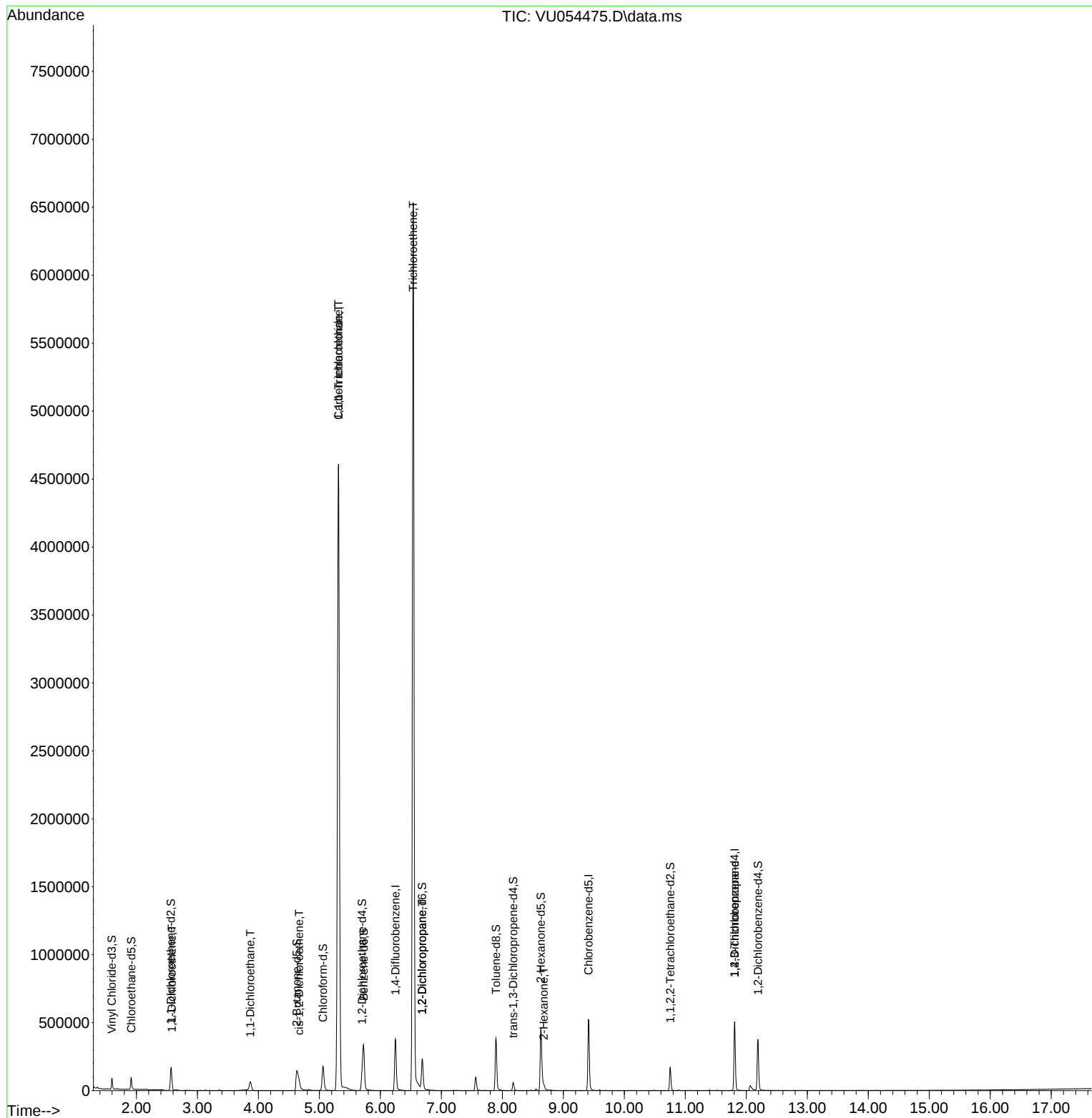
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307014	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	293013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	134772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59529	3.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.914	69	65052	3.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.564	65	29325	3.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.628	46	256451	46.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.360%
24) Chloroform-d	5.059	84	167543	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.699	65	85365	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.724	84	310284	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.686	67	116081	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.895	98	270220	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.178	79	35981	3.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.631	63	154994	39.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87571	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	105010	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
12) 1,1-Dichloroethene	2.580	96	13429	0.603	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	77782	1.635	ug/L	97
22) cis-1,2-Dichloroethene	4.667	96	20991	0.802	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	3399216	85.552	ug/L	99
31) Carbon tetrachloride	5.313	117	449518	13.130	ug/L	100
34) Trichloroethene	6.538	95	2313103	83.065	ug/L	97
37) 1,2-Dichloropropane	6.686	63	11875	0.417	ug/L #	90
48) 2-Hexanone	8.679	43	16324	1.442	ug/L #	95
61) 1,2,3-Trichloropropane	11.808	75	17609	1.293	ug/L #	69

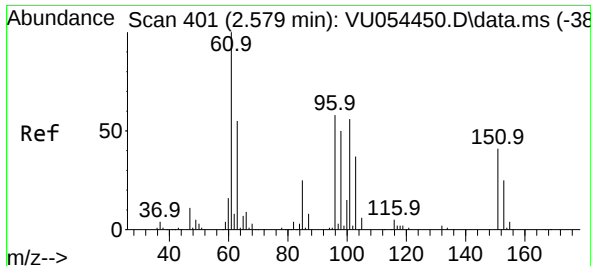
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.603 ug/L

RT: 2.580 min Scan# 401

Delta R.T. 0.000 min

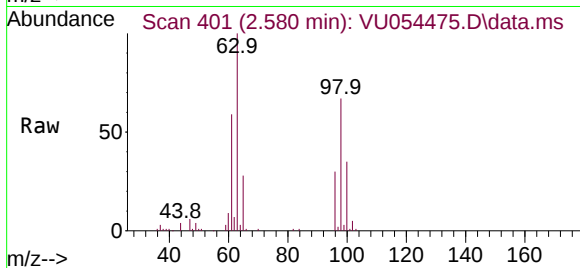
Lab File: VU054475.D

Acq: 09 Jun 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :



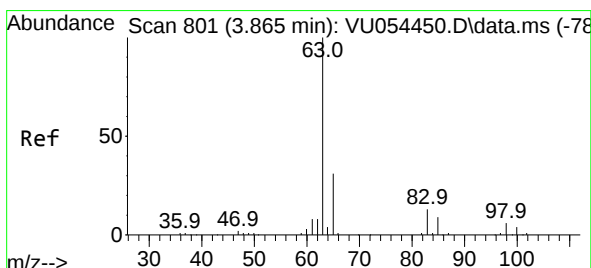
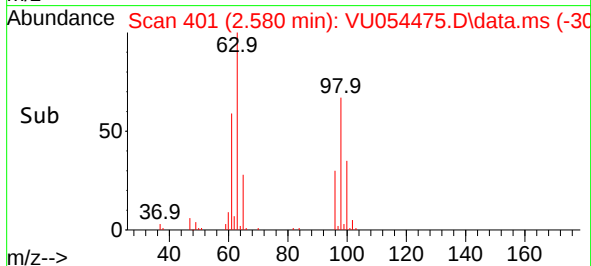
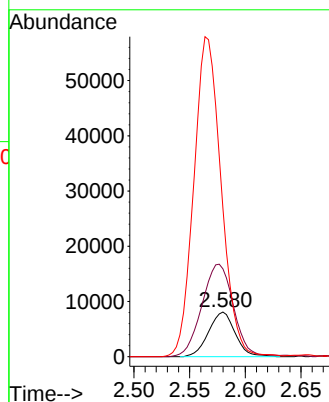
Tgt Ion: 96 Resp: 13429

Ion Ratio Lower Upper

96 100

61 197.0 119.9 222.7

63 332.9 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 1.635 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054475.D

Acq: 09 Jun 2023 20:14

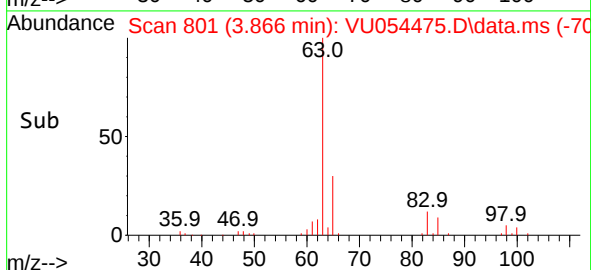
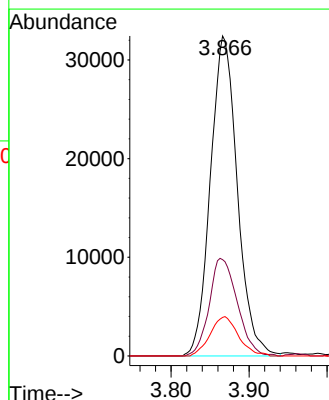
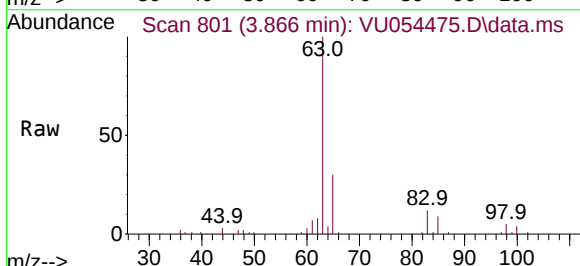
Tgt Ion: 63 Resp: 77782

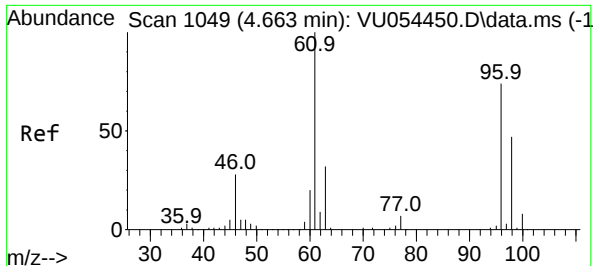
Ion Ratio Lower Upper

63 100

65 30.1 22.2 41.2

83 12.1 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 0.802 ug/L

RT: 4.667 min Scan# 1050

Delta R.T. 0.004 min

Lab File: VU054475.D

Acq: 09 Jun 2023 20:14

Instrument :

MSVOA_U

ClientSampleId :

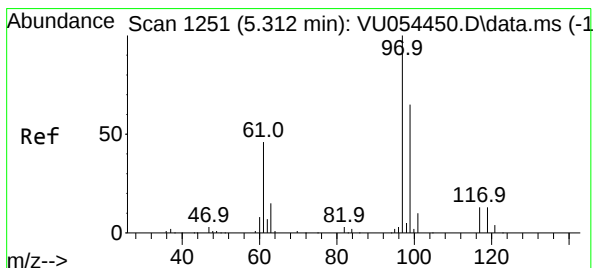
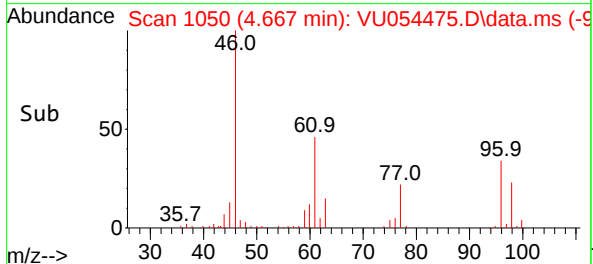
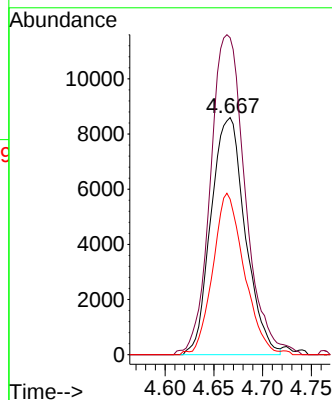
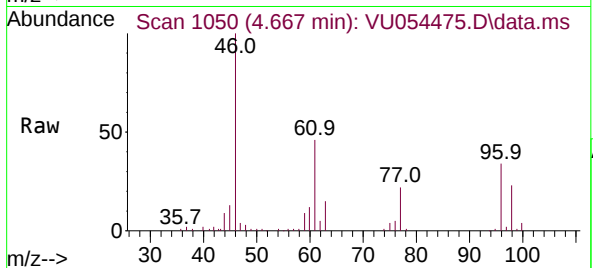
Tgt Ion: 96 Resp: 20991

Ion Ratio Lower Upper

96 100

61 133.7 96.5 179.1

98 65.6 44.9 83.3



#29

1,1,1-Trichloroethane

Concen: 85.552 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054475.D

Acq: 09 Jun 2023 20:14

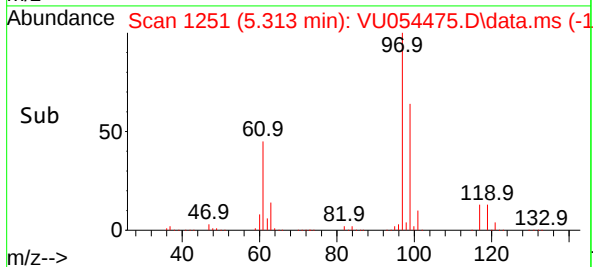
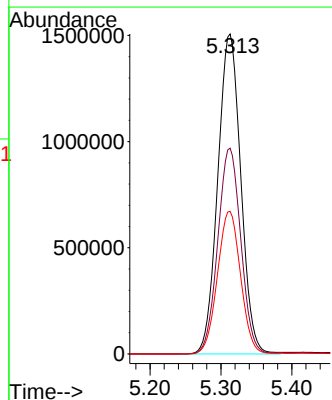
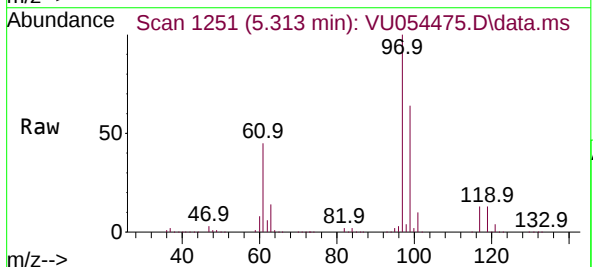
Tgt Ion: 97 Resp: 3399216

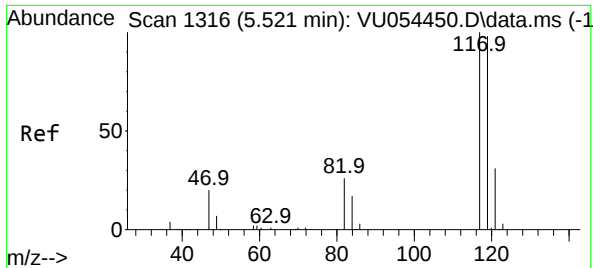
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 44.8 36.1 54.1

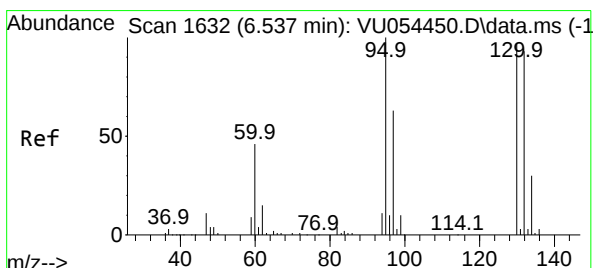
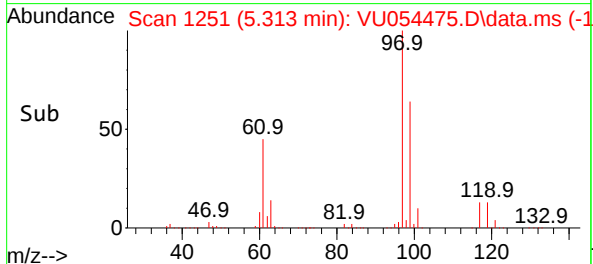
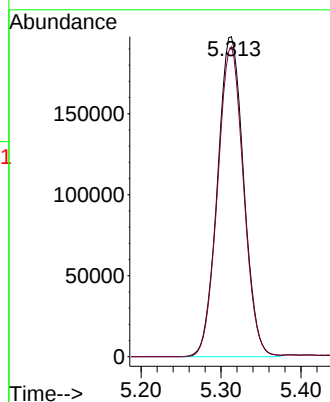
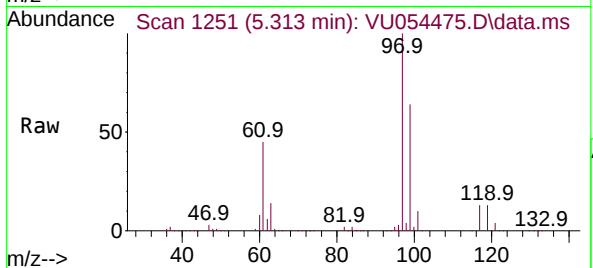




#31
Carbon tetrachloride
Concen: 13.130 ug/L
RT: 5.313 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

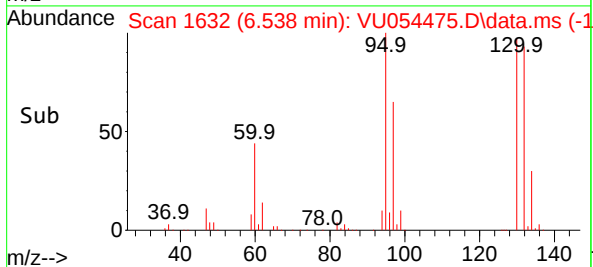
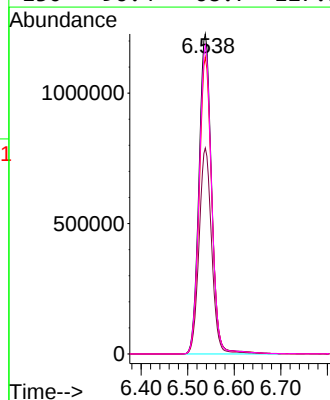
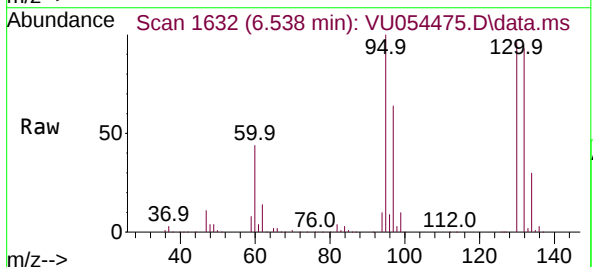
Instrument :
MSVOA_U
ClientSampleId :

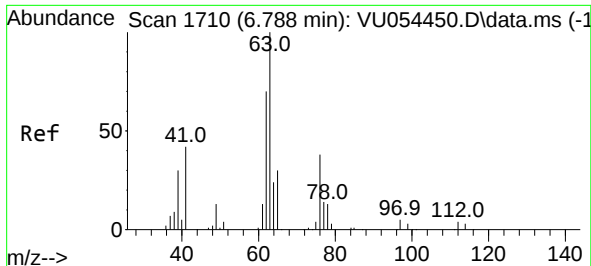
Tgt Ion:117 Resp: 449518
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2



#34
Trichloroethene
Concen: 83.065 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU054475.D
Acq: 09 Jun 2023 20:14

Tgt Ion: 95 Resp: 2313103
Ion Ratio Lower Upper
95 100
97 64.3 46.8 87.0
132 92.8 68.4 127.0
130 96.4 68.7 127.5





#37

1,2-Dichloropropane

Concen: 0.417 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.102 min

Lab File: VU054475.D

Acq: 09 Jun 2023 20:14

Instrument :

MSVOA_U

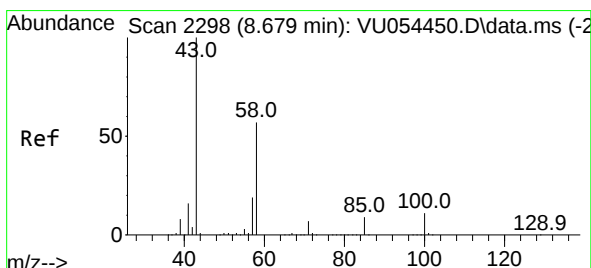
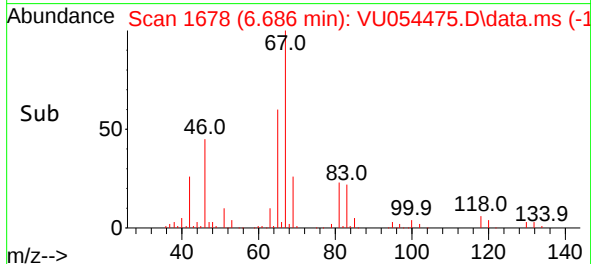
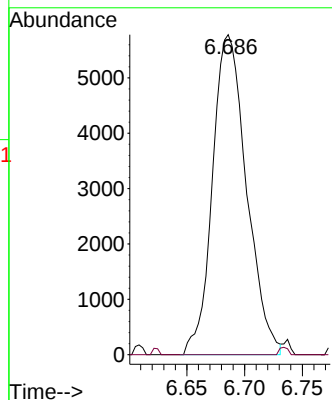
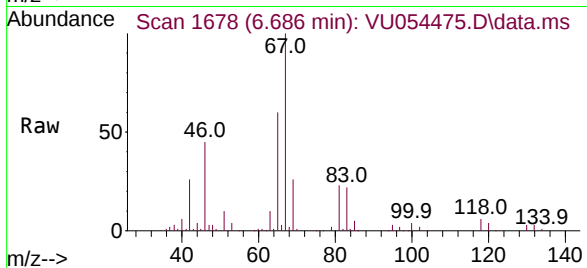
ClientSampleId :

Tgt Ion: 63 Resp: 11875

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#



#48

2-Hexanone

Concen: 1.442 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU054475.D

Acq: 09 Jun 2023 20:14

Tgt Ion: 43 Resp: 16324

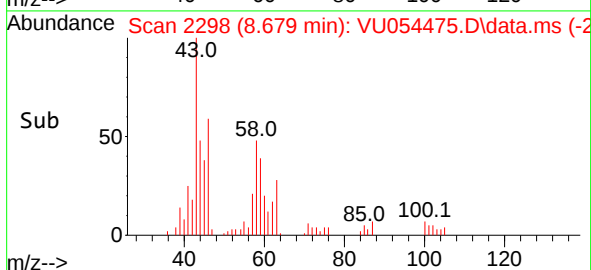
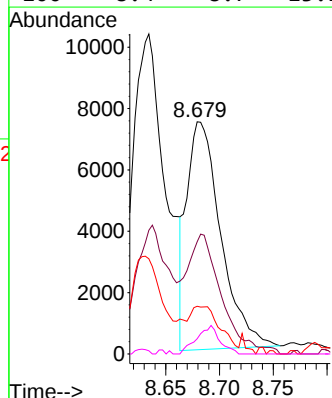
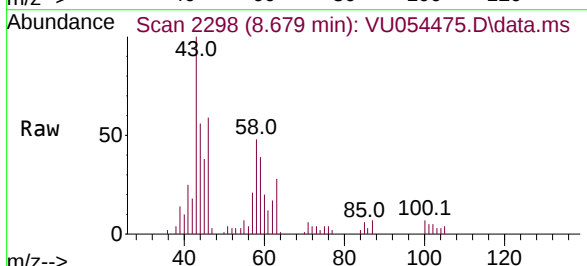
Ion Ratio Lower Upper

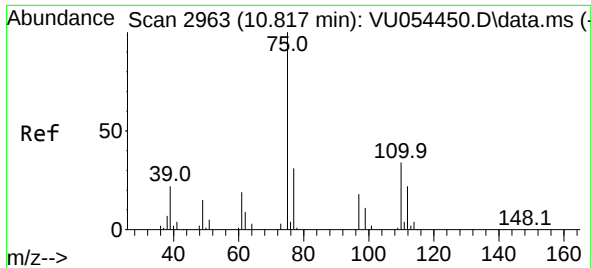
43 100

58 53.0 45.2 67.8

57 18.2 15.8 23.6

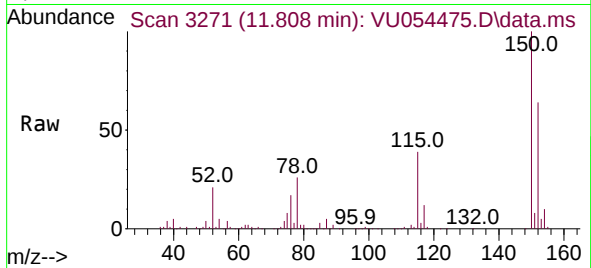
100 8.4 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.293 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU054475.D
 Acq: 09 Jun 2023 20:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17609
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.0 42.0#
 77 30.0 25.4 38.2

