

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054929.D
 Acq On : 28 Aug 2023 17:23
 Operator : MD/SY
 Sample : 04173-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:00:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

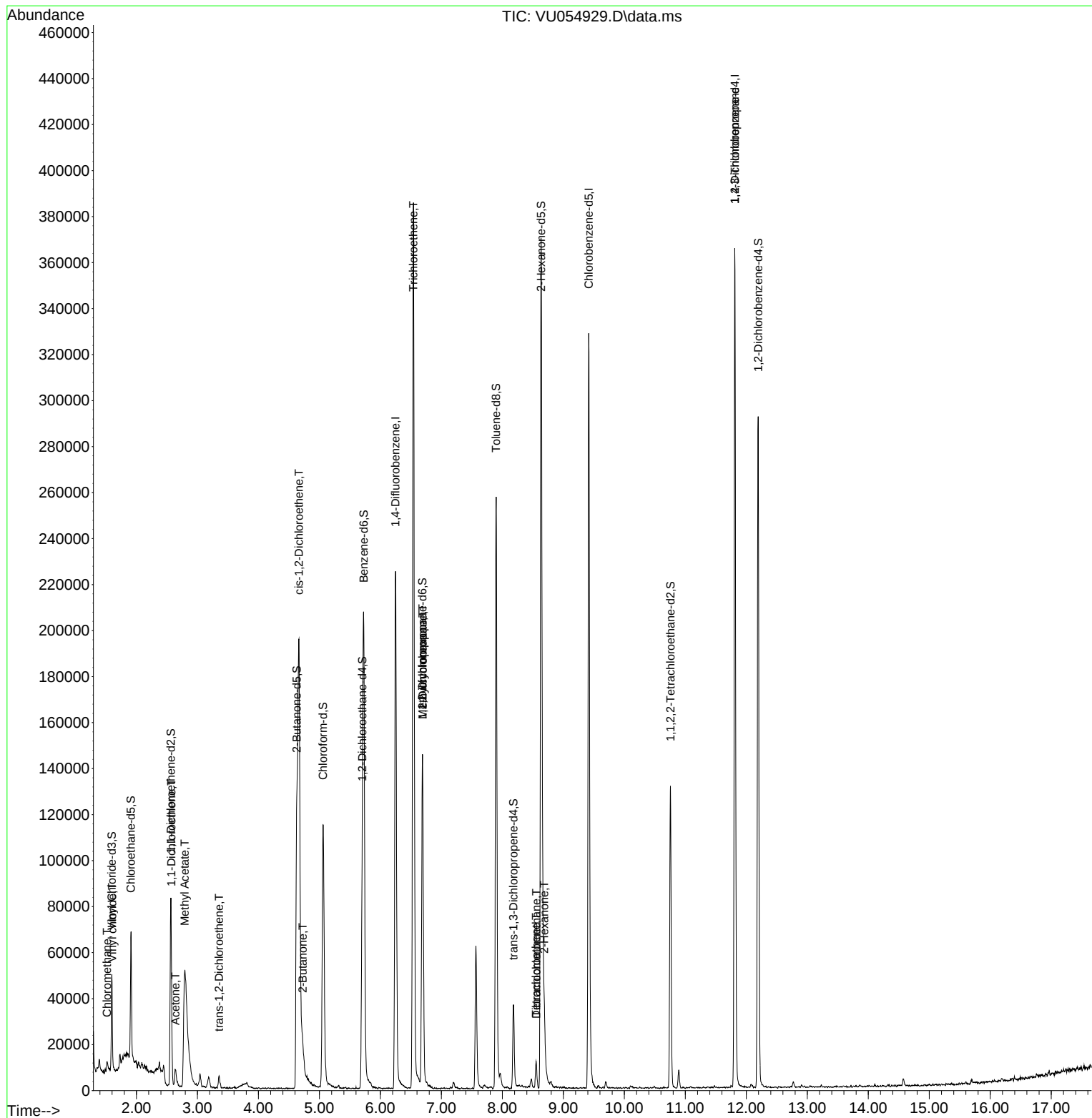
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178247	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27252	4.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.908	69	36011	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.563	65	15137	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.628	46	181339	59.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.420%
24) Chloroform-d	5.059	84	105887	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.702	65	60104	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.727	84	190066	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.689	67	67705	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.898	98	173542	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.181	79	21249	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.634	63	123915	57.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.760%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	62714	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	70830	4.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3457	0.300	ug/L	99
5) Vinyl chloride	1.602	62	1817	0.152	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	1677	0.208	ug/L #	1
13) Acetone	2.637	43	11418	6.956	ug/L	97
15) Methyl Acetate	2.792	43	31629	9.413	ug/L #	51
18) trans-1,2-Dichloroethene	3.354	96	1561	0.177	ug/L	91
21) 2-Butanone	4.724	43	27868	11.080	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	82426	7.860	ug/L	98
34) Trichloroethene	6.541	95	130162	11.385	ug/L	97
35) Methylcyclohexane	6.692	83	14570	0.861	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	7483	0.651	ug/L #	90
47) Tetrachloroethene	8.554	164	2537	0.309	ug/L	82
48) 2-Hexanone	8.685	43	16952	3.570	ug/L #	95
49) Dibromochloromethane	8.557	129	2571	0.286	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	12742	1.858	ug/L #	64

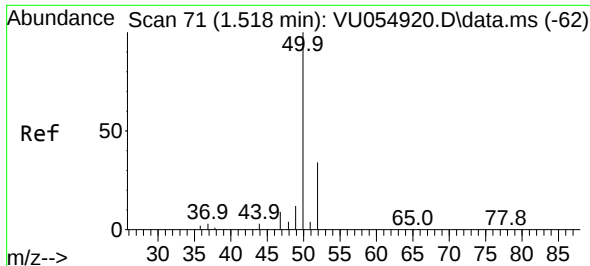
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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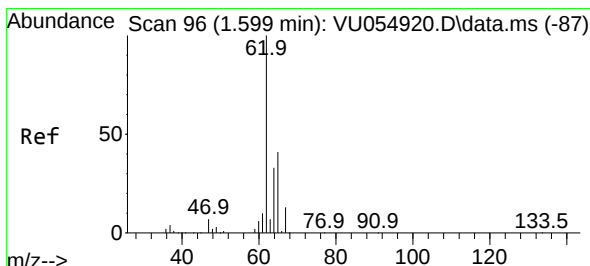
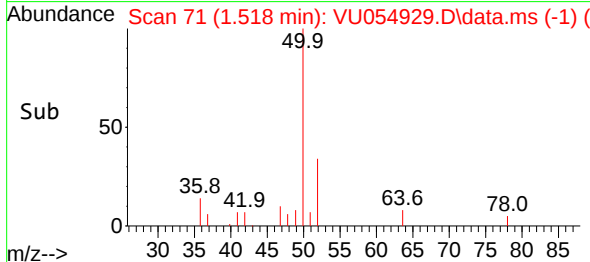
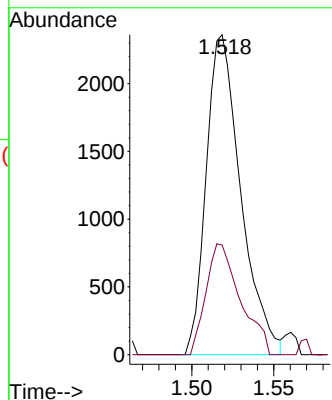
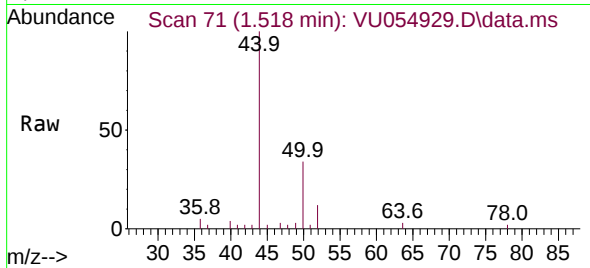




#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

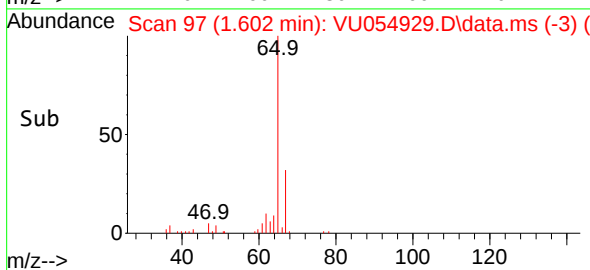
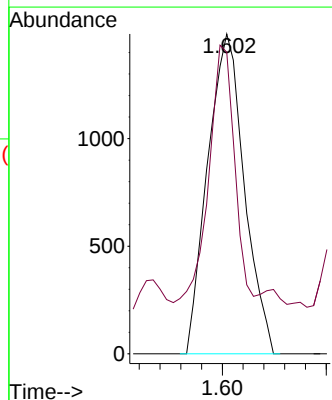
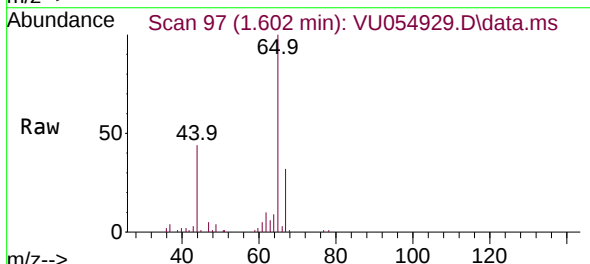
Instrument :
MSVOA_U
ClientSampleId :

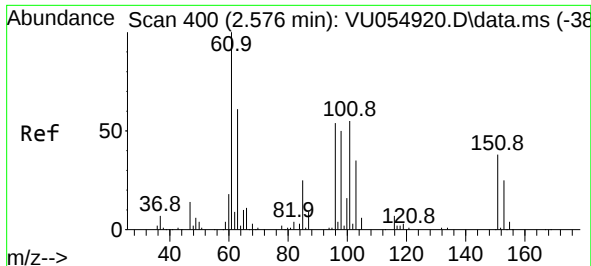
Tgt Ion: 50 Resp: 3457
Ion Ratio Lower Upper
50 100
52 34.3 23.4 43.6



#5
Vinyl chloride
Concen: 0.152 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

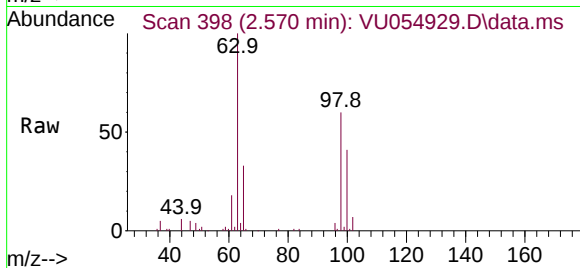
Tgt Ion: 62 Resp: 1817
Ion Ratio Lower Upper
62 100
64 94.3 22.7 42.1#



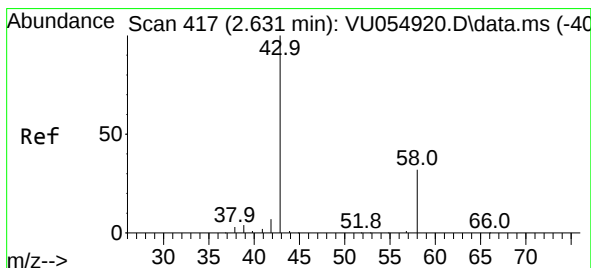
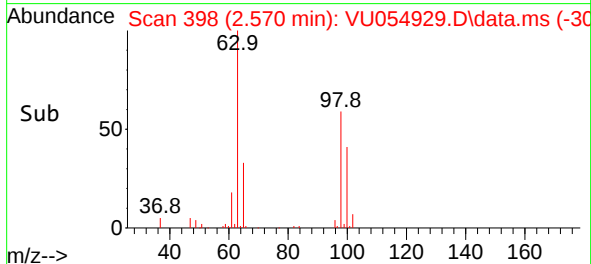
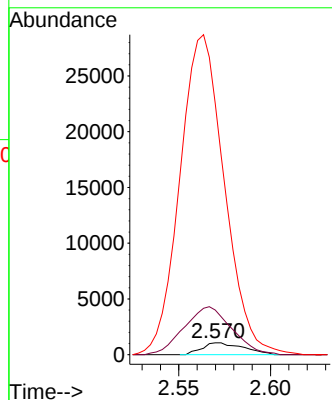


#12
1,1-Dichloroethene
Concen: 0.208 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

Instrument :
MSVOA_U
ClientSampleId :

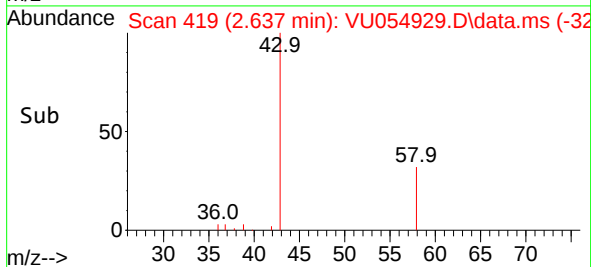
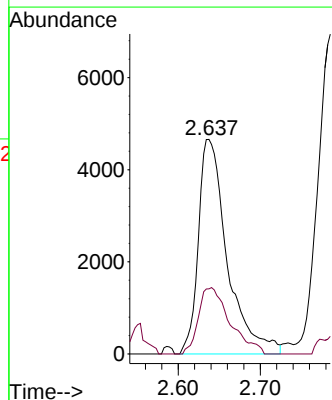
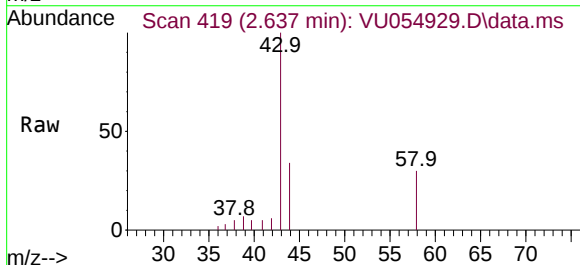


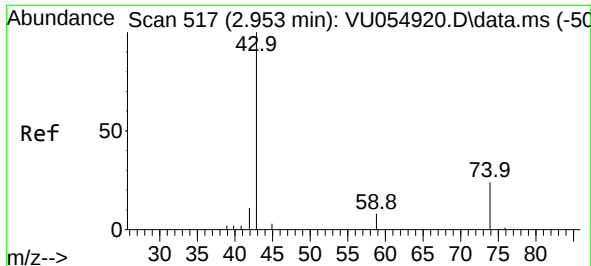
Tgt Ion: 96 Resp: 1677
Ion Ratio Lower Upper
96 100
61 375.9 132.4 245.8#
63 2111.3 82.5 153.1#



#13
Acetone
Concen: 6.956 ug/L
RT: 2.637 min Scan# 419
Delta R.T. 0.006 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

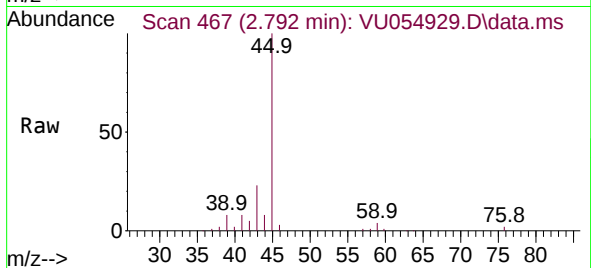
Tgt Ion: 43 Resp: 11418
Ion Ratio Lower Upper
43 100
58 33.7 0.0 64.4



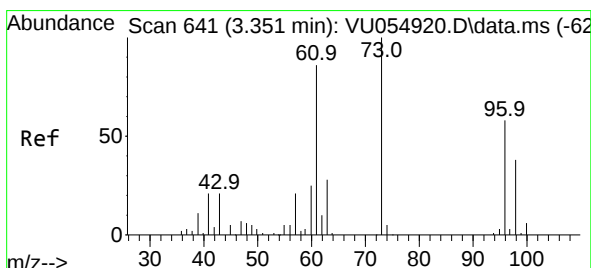
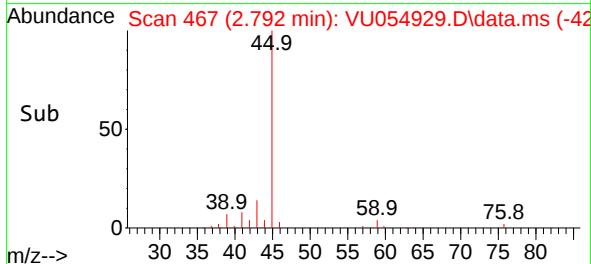
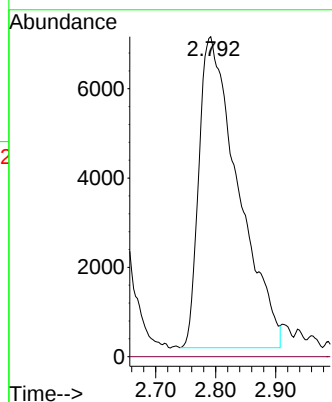


#15
Methyl Acetate
Concen: 9.413 ug/L
RT: 2.792 min Scan# 41
Delta R.T. -0.161 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

Instrument :
MSVOA_U
ClientSampleId :

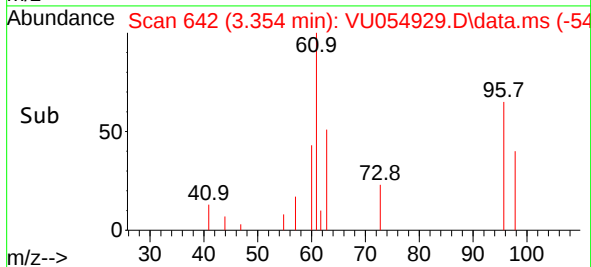
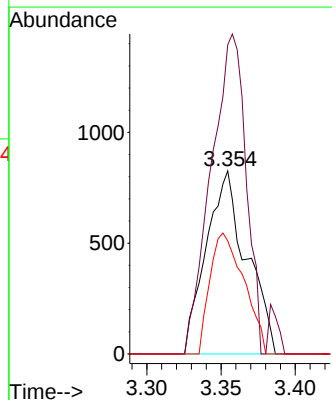
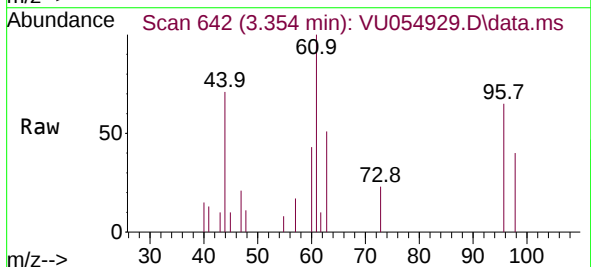


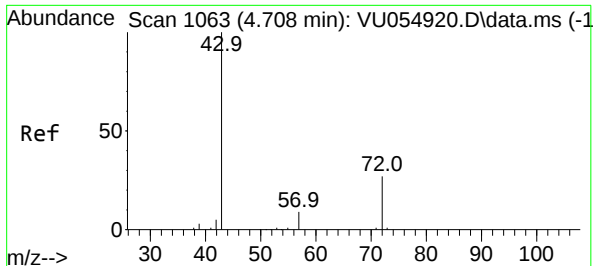
Tgt Ion: 43 Resp: 31629
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#18
trans-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

Tgt Ion: 96 Resp: 1561
Ion Ratio Lower Upper
96 100
61 168.9 108.8 202.0
98 61.9 45.8 85.2





#21

2-Butanone

Concen: 11.080 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.016 min

Lab File: VU054929.D

Acq: 28 Aug 2023 17:23

Instrument :

MSVOA_U

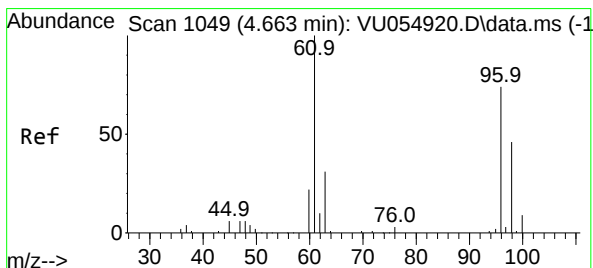
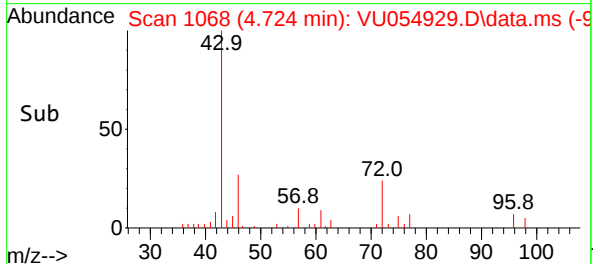
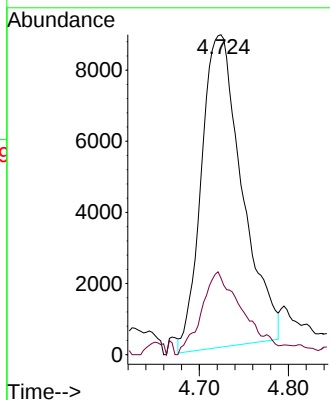
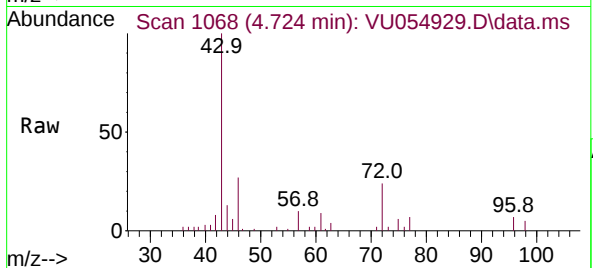
ClientSampleId :

Tgt Ion: 43 Resp: 27868

Ion Ratio Lower Upper

43 100

72 27.2 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 7.860 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054929.D

Acq: 28 Aug 2023 17:23

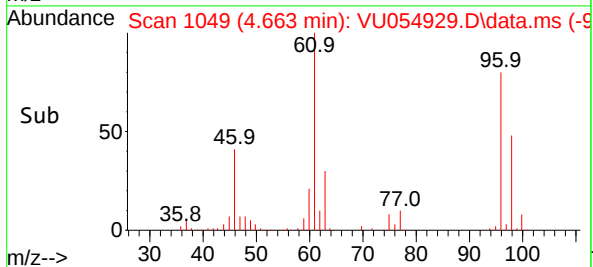
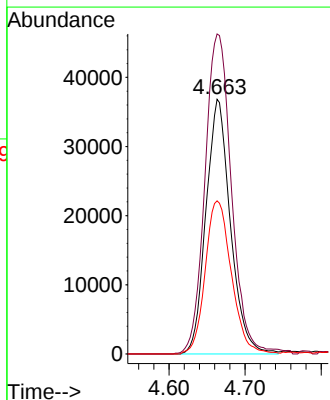
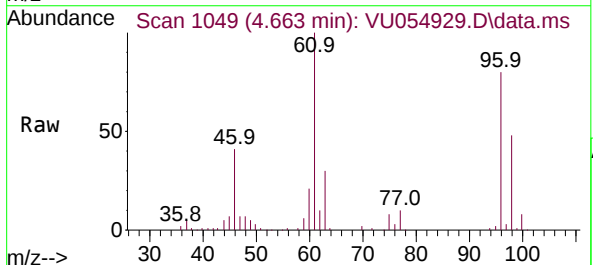
Tgt Ion: 96 Resp: 82426

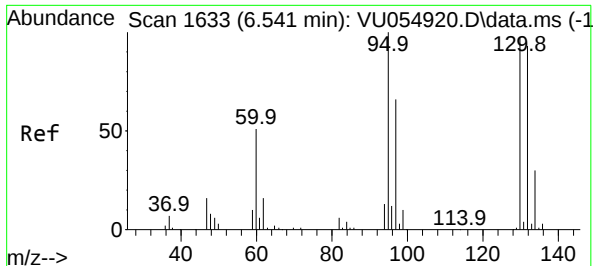
Ion Ratio Lower Upper

96 100

61 125.7 88.4 164.2

98 60.1 44.0 81.6





#34

Trichloroethene

Concen: 11.385 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054929.D

Acq: 28 Aug 2023 17:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 130162

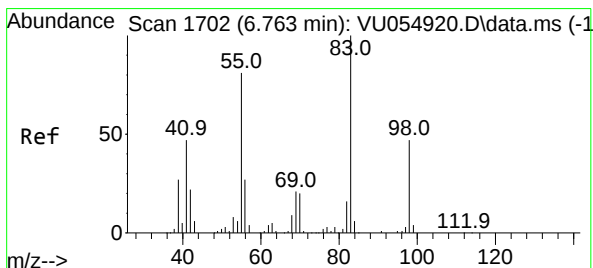
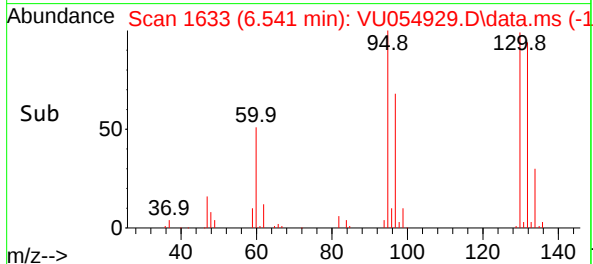
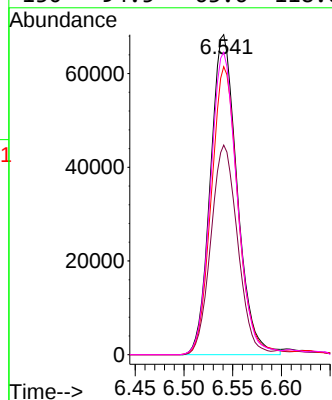
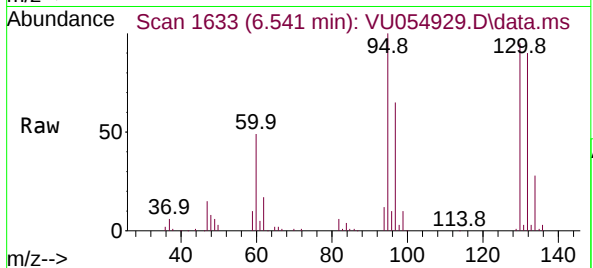
Ion Ratio Lower Upper

95 100

97 65.5 44.1 81.9

132 90.0 63.6 118.2

130 94.5 63.6 118.0



#35

Methylcyclohexane

Concen: 0.861 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.071 min

Lab File: VU054929.D

Acq: 28 Aug 2023 17:23

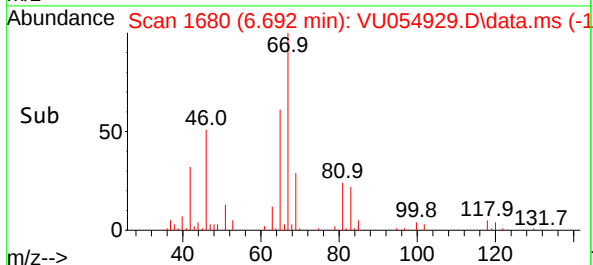
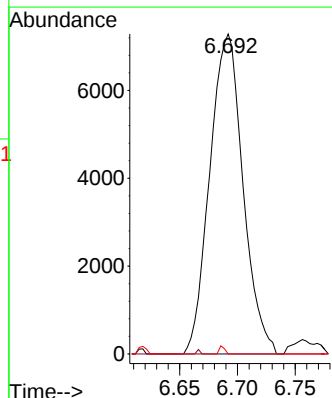
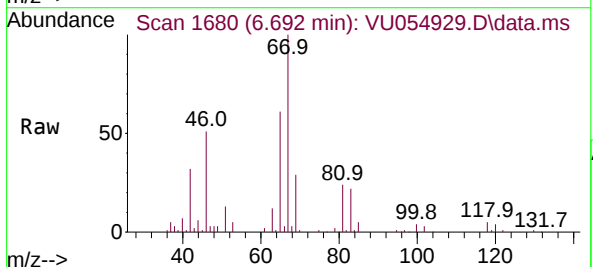
Tgt Ion: 83 Resp: 14570

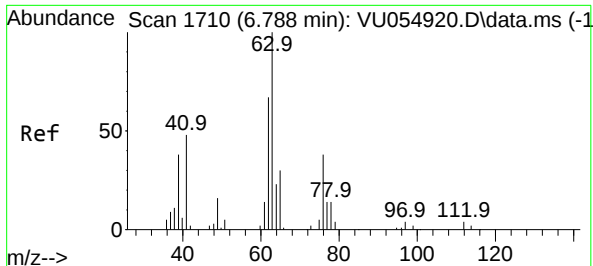
Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.651 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU054929.D

Acq: 28 Aug 2023 17:23

Instrument :

MSVOA_U

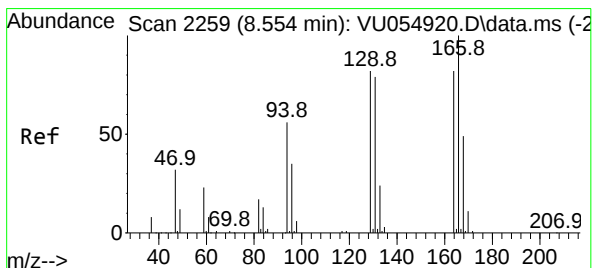
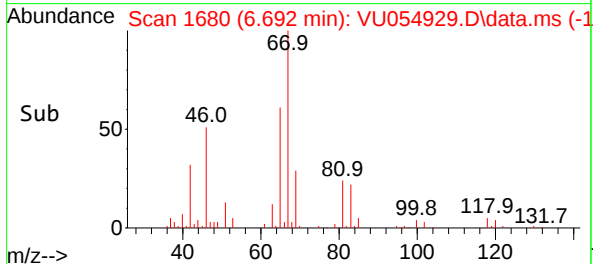
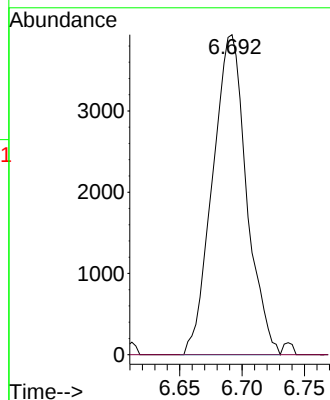
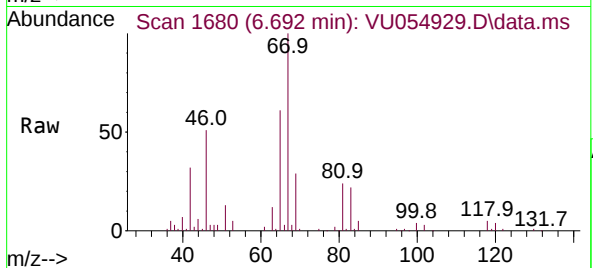
ClientSampleId :

Tgt Ion: 63 Resp: 7483

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 0.309 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. 0.000 min

Lab File: VU054929.D

Acq: 28 Aug 2023 17:23

Tgt Ion: 164 Resp: 2537

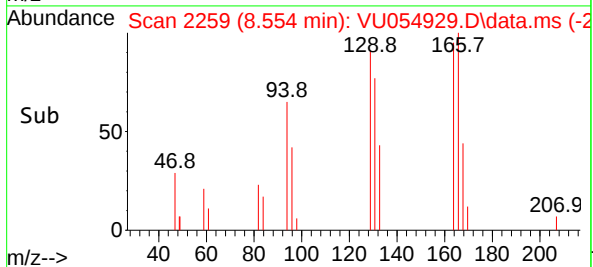
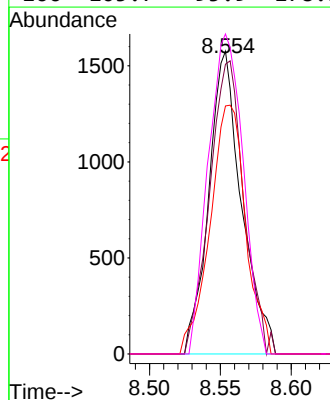
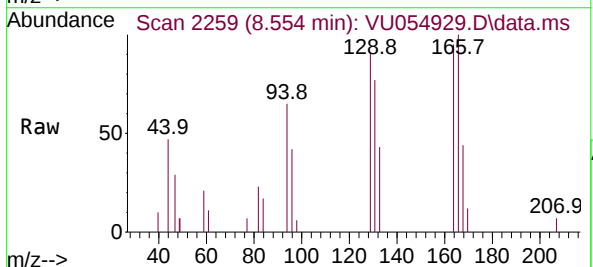
Ion Ratio Lower Upper

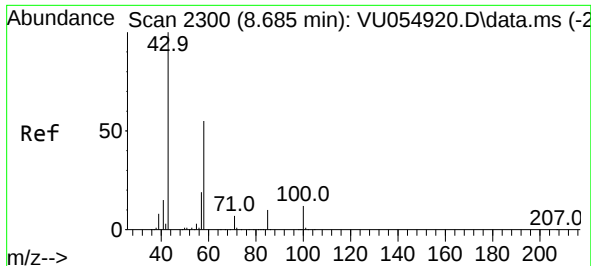
164 100

129 95.7 72.8 135.2

131 81.9 70.7 131.3

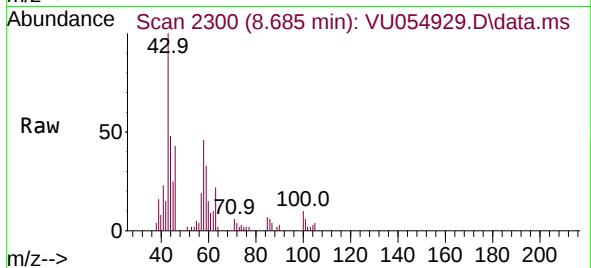
166 105.7 95.9 178.1



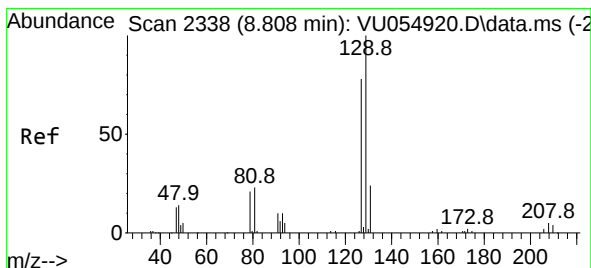
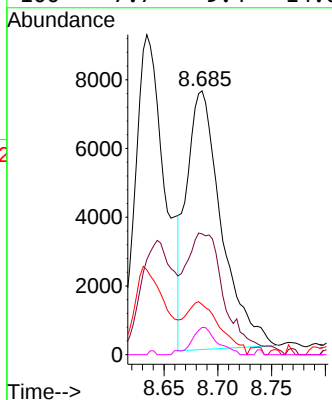
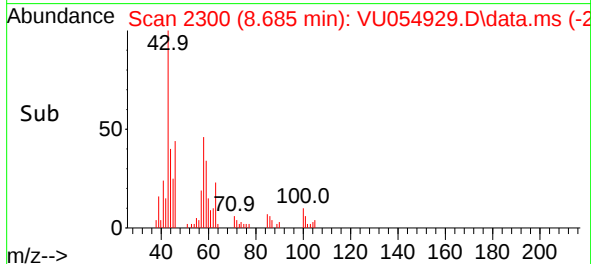


#48
2-Hexanone
Concen: 3.570 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

Instrument :
MSVOA_U
ClientSampleId :

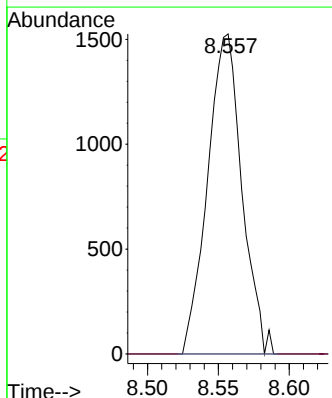
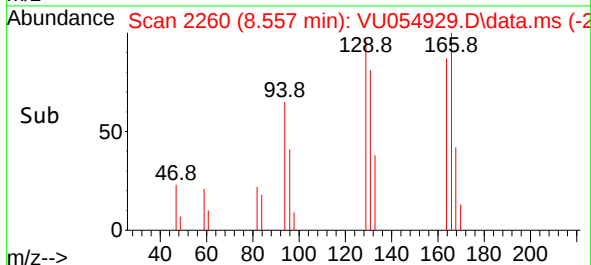
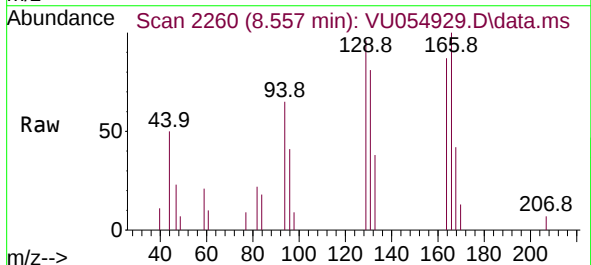


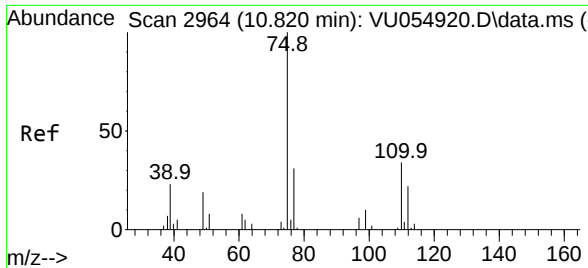
Tgt Ion: 43 Resp: 16952
Ion Ratio Lower Upper
43 100
58 50.8 44.0 66.0
57 20.5 15.9 23.9
100 7.7 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.286 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. -0.251 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

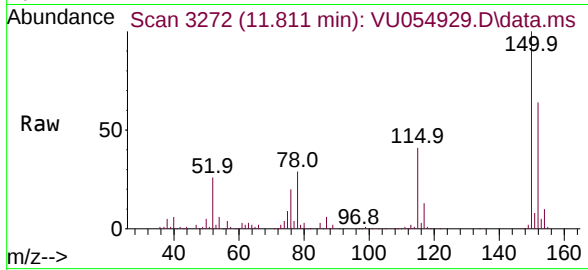
Tgt Ion: 129 Resp: 2571
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#





#61
1,2,3-Trichloropropane
Concen: 1.858 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054929.D
Acq: 28 Aug 2023 17:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	29.0	43.6#
77	39.1	26.5	39.7

