

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054931.D
 Acq On : 28 Aug 2023 18:13
 Operator : MD/SY
 Sample : 04173-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:00:50 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	188635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25642	4.307	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	34592	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.563	65	14826	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.628	46	176373	54.881	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.062	84	99340	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.701	65	55891	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.724	84	183085	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	66749	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.898	98	167222	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.180	79	19647	4.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.634	63	116659	52.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59396	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	70731	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4346	0.356	ug/L	98
5) Vinyl chloride	1.599	62	32483	2.566	ug/L	95
8) Chloroethane	1.927	64	1586	0.190	ug/L #	65
12) 1,1-Dichloroethene	2.576	96	4157	0.488	ug/L #	1
13) Acetone	2.634	43	11787	6.785	ug/L	93
15) Methyl Acetate	2.804	43	31990	8.996	ug/L #	51
18) trans-1,2-Dichloroethene	3.351	96	7499	0.806	ug/L	96
19) 1,1-Dichloroethane	3.866	63	4056	0.208	ug/L	94
21) 2-Butanone	4.721	43	27086	10.176	ug/L	81
22) cis-1,2-Dichloroethene	4.663	96	536622	48.356	ug/L	94
34) Trichloroethene	6.541	95	276920	23.521	ug/L	97
35) Methylcyclohexane	6.689	83	14873	0.854	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7984	0.674	ug/L #	90
47) Tetrachloroethene	8.553	164	1228	0.145	ug/L	85
48) 2-Hexanone	8.685	43	18364	3.756	ug/L #	83
49) Dibromochloromethane	8.557	129	1144	0.124	ug/L #	6
51) Chlorobenzene	9.447	112	6144	0.200	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	12962	1.877	ug/L #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
Data File : VU054931.D
Acq On : 28 Aug 2023 18:13
Operator : MD/SY
Sample : 04173-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 05:00:50 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

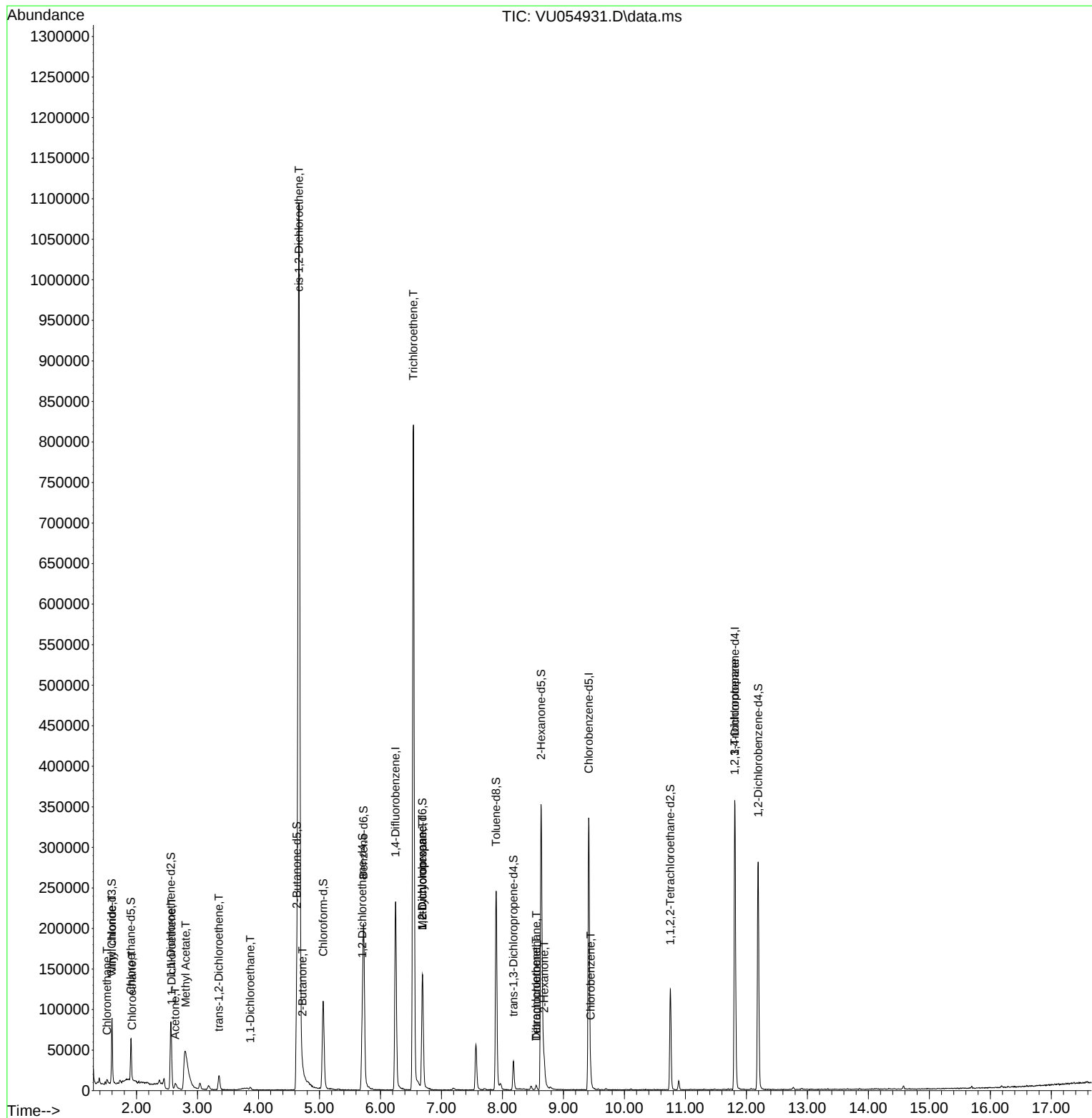
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

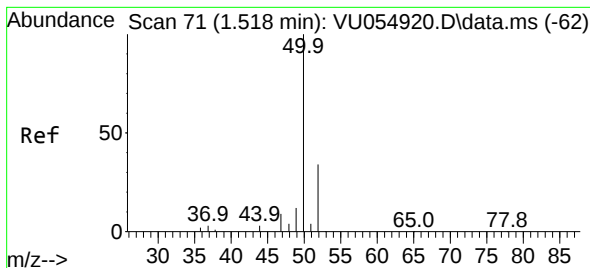
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
Data File : VU054931.D
Acq On : 28 Aug 2023 18:13
Operator : MD/SY
Sample : 04173-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 05:00:50 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





#3

Chloromethane

Concen: 0.356 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU054931.D

Acq: 28 Aug 2023 18:13

Instrument :

MSVOA_U

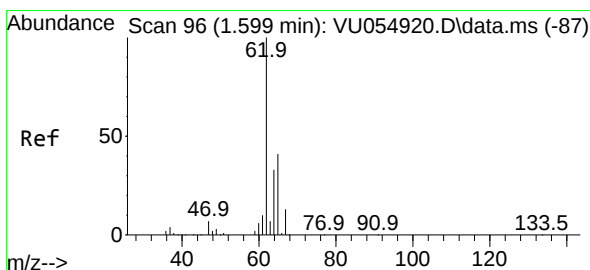
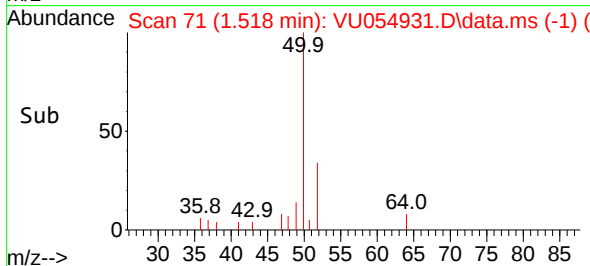
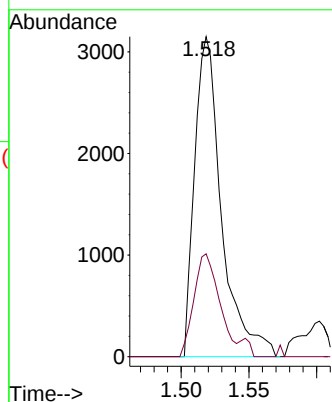
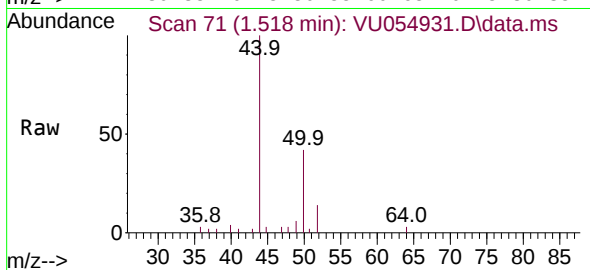
ClientSampleId :

Tgt Ion: 50 Resp: 4346

Ion Ratio Lower Upper

50 100

52 32.1 23.4 43.6



#5

Vinyl chloride

Concen: 2.566 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU054931.D

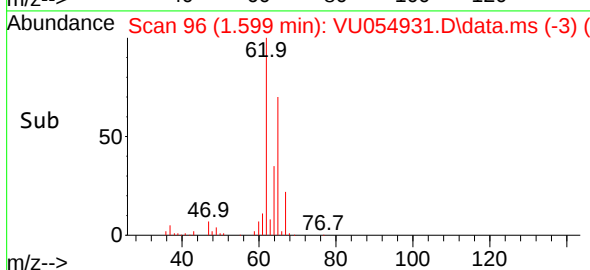
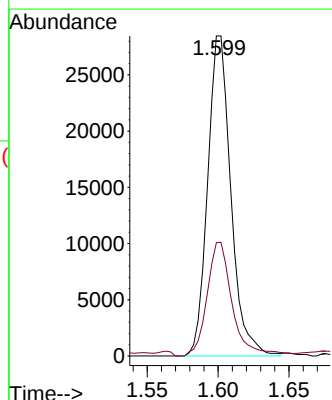
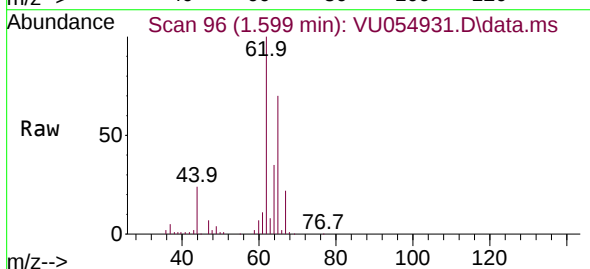
Acq: 28 Aug 2023 18:13

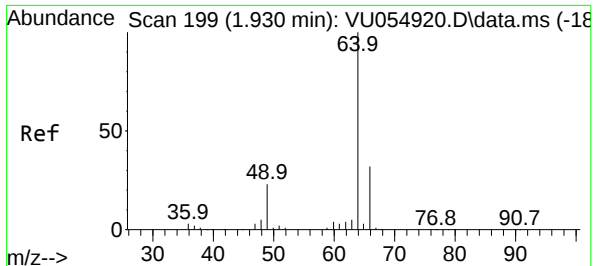
Tgt Ion: 62 Resp: 32483

Ion Ratio Lower Upper

62 100

64 35.4 22.7 42.1

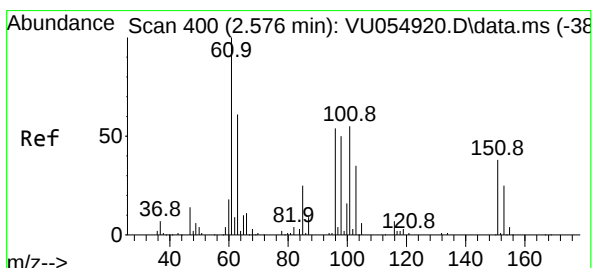
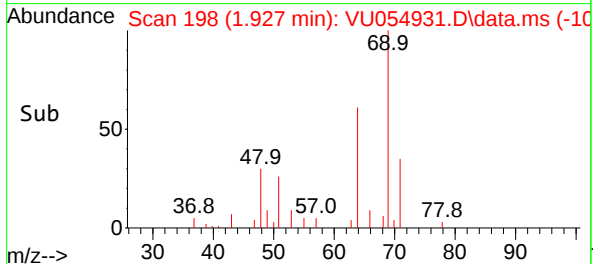
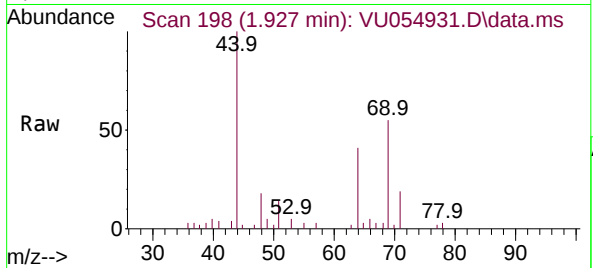




#8
Chloroethane
Concen: 0.190 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

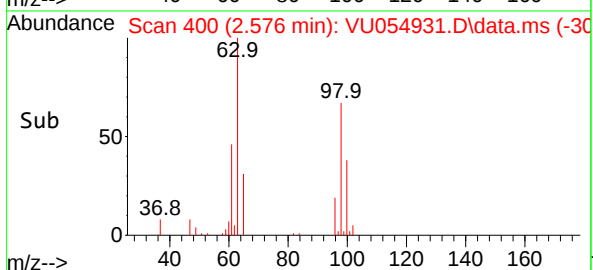
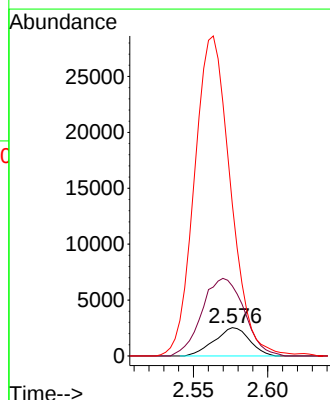
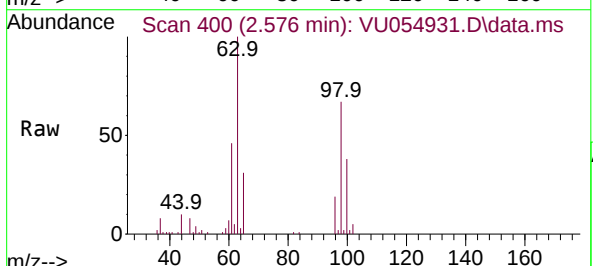
Instrument :
MSVOA_U
ClientSampleId :

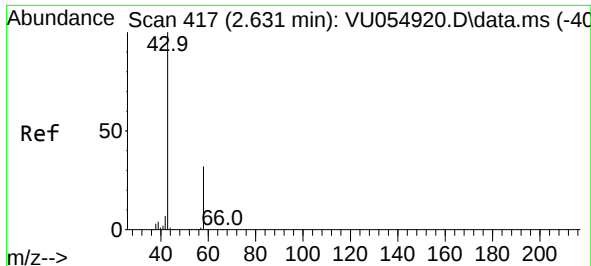
Tgt Ion: 64 Resp: 1586
Ion Ratio Lower Upper
64 100
66 11.3 21.5 39.9#



#12
1,1-Dichloroethene
Concen: 0.488 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

Tgt Ion: 96 Resp: 4157
Ion Ratio Lower Upper
96 100
61 247.4 132.4 245.8#
63 535.8 82.5 153.1#

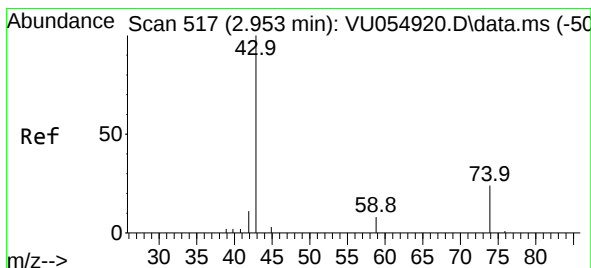
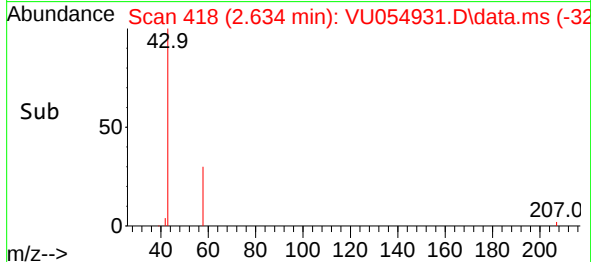
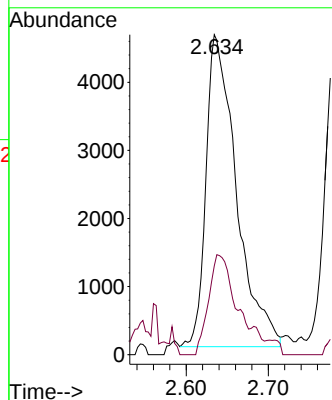
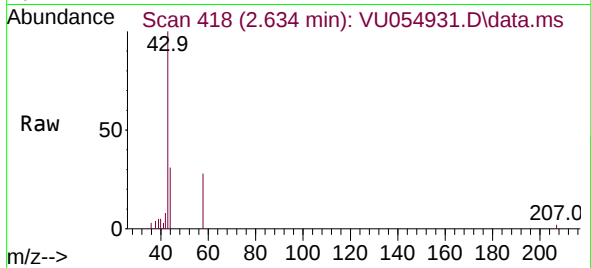




#13
Acetone
Concen: 6.785 ug/L
RT: 2.634 min Scan# 417
Delta R.T. 0.003 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

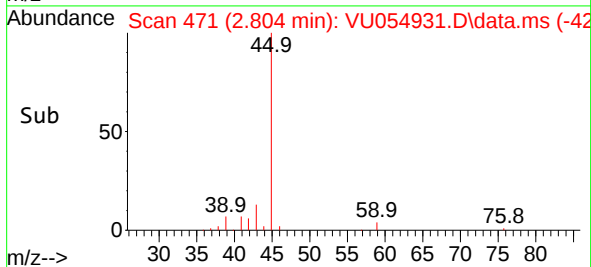
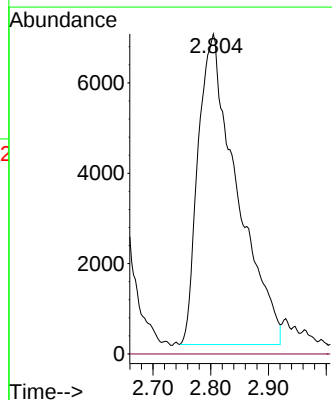
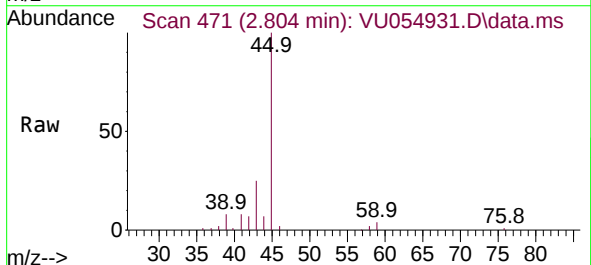
Instrument :
MSVOA_U
ClientSampleId :

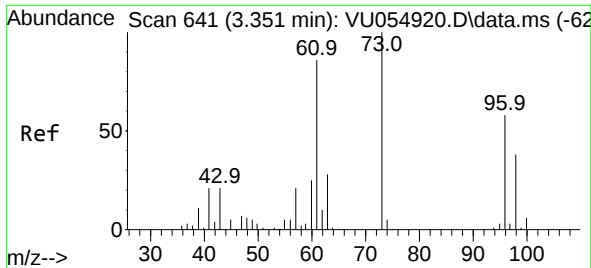
Tgt Ion: 43 Resp: 11787
Ion Ratio Lower Upper
43 100
58 28.4 0.0 64.4



#15
Methyl Acetate
Concen: 8.996 ug/L
RT: 2.804 min Scan# 471
Delta R.T. -0.148 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

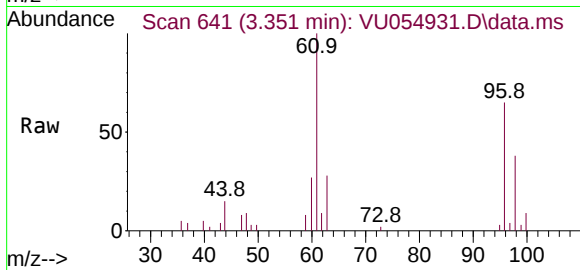
Tgt Ion: 43 Resp: 31990
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#





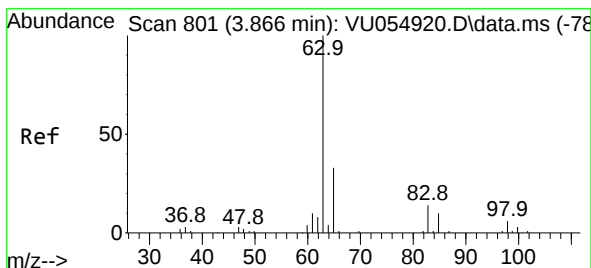
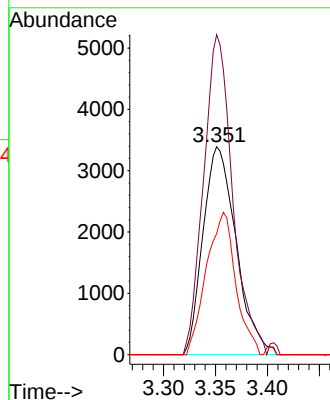
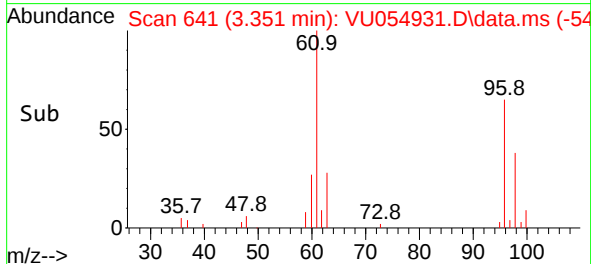
#18
trans-1,2-Dichloroethene
Concen: 0.806 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

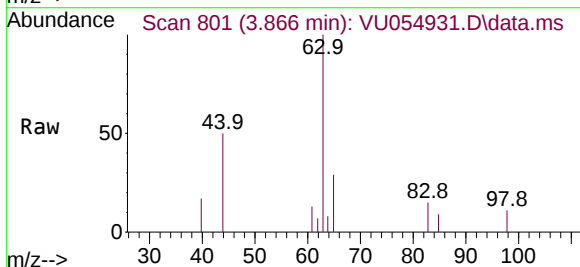


Tgt Ion: 96 Resp: 7499

Ion	Ratio	Lower	Upper
96	100		
61	153.8	108.8	202.0
98	58.2	45.8	85.2

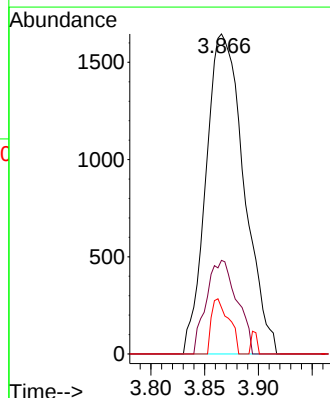
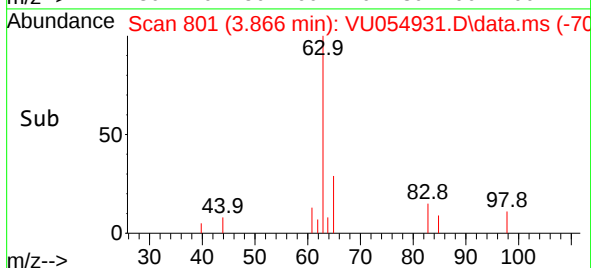


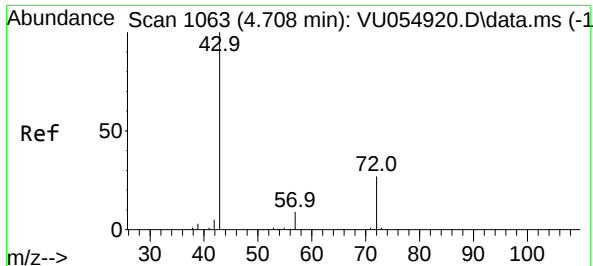
#19
1,1-Dichloroethane
Concen: 0.208 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13



Tgt Ion: 63 Resp: 4056

Ion	Ratio	Lower	Upper
63	100		
65	27.1	22.5	41.7
83	13.4	9.5	17.7





#21

2-Butanone

Concen: 10.176 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VU054931.D

Acq: 28 Aug 2023 18:13

Instrument :

MSVOA_U

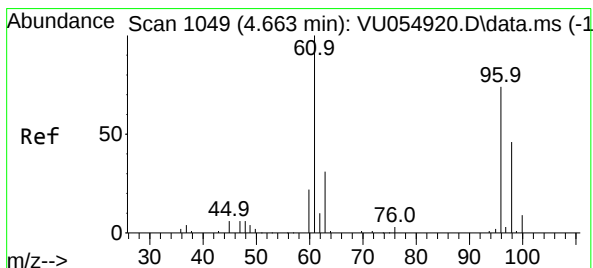
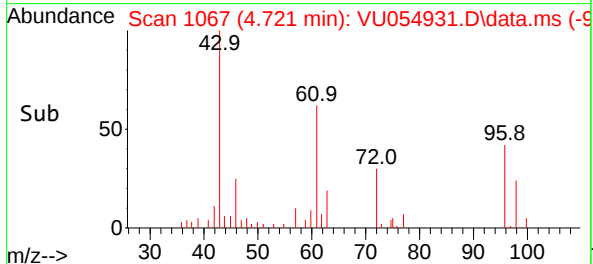
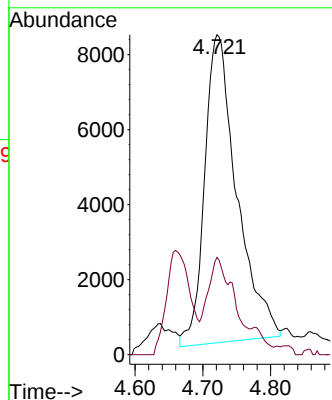
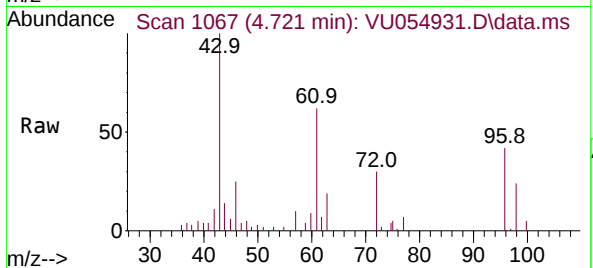
ClientSampleId :

Tgt Ion: 43 Resp: 27086

Ion Ratio Lower Upper

43 100

72 18.0 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 48.356 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU054931.D

Acq: 28 Aug 2023 18:13

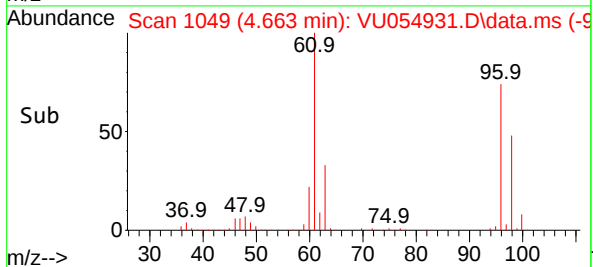
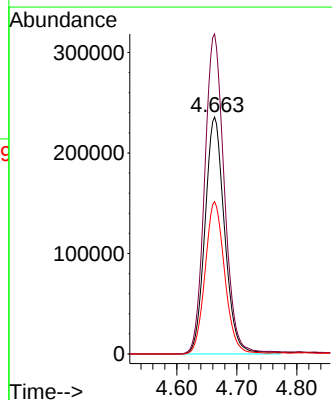
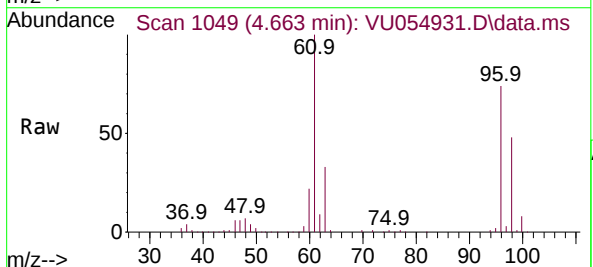
Tgt Ion: 96 Resp: 536622

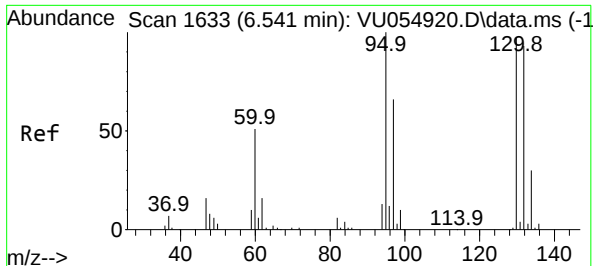
Ion Ratio Lower Upper

96 100

61 135.0 88.4 164.2

98 64.3 44.0 81.6

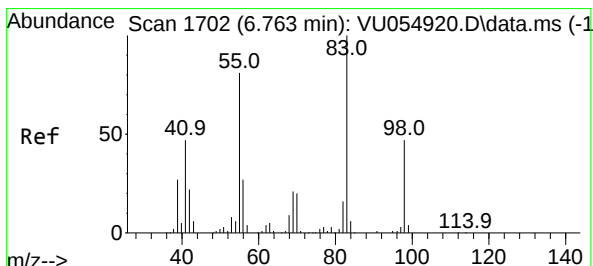
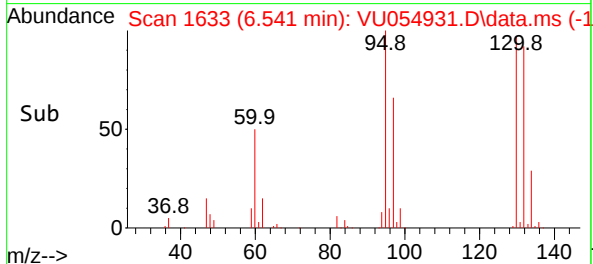
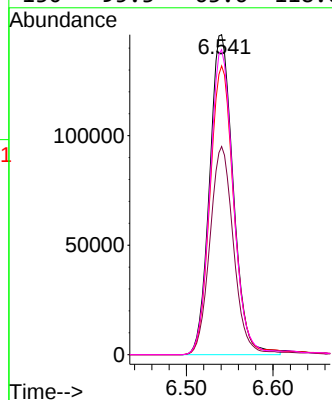
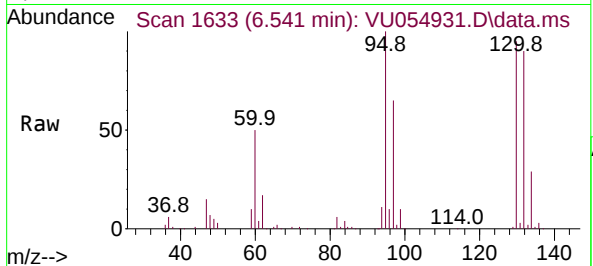




#34
Trichloroethene
Concen: 23.521 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

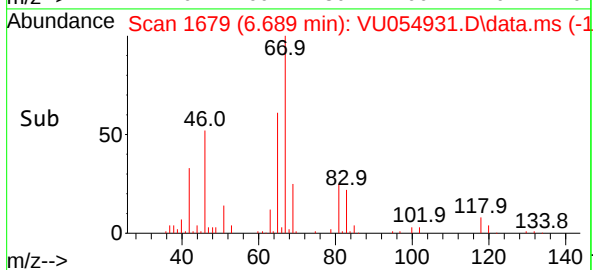
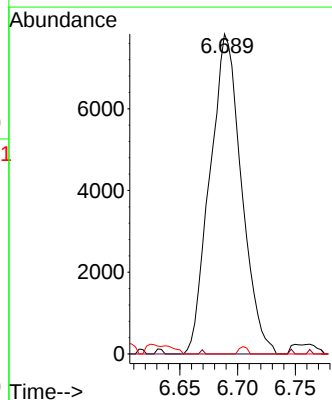
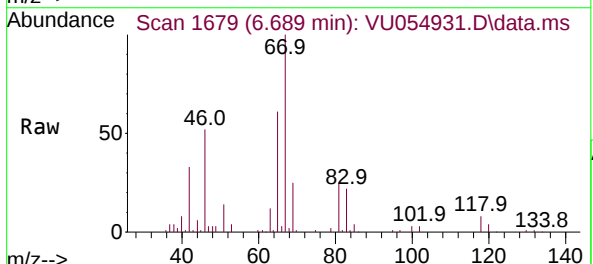
Instrument :
MSVOA_U
ClientSampleId :

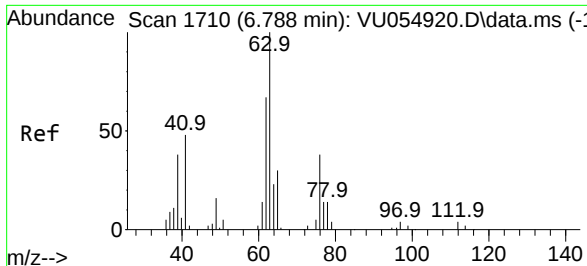
Tgt Ion: 95 Resp: 276920
Ion Ratio Lower Upper
95 100
97 65.0 44.1 81.9
132 90.2 63.6 118.2
130 95.3 63.6 118.0



#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

Tgt Ion: 83 Resp: 14873
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: 0.674 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054931.D

Acq: 28 Aug 2023 18:13

Instrument :

MSVOA_U

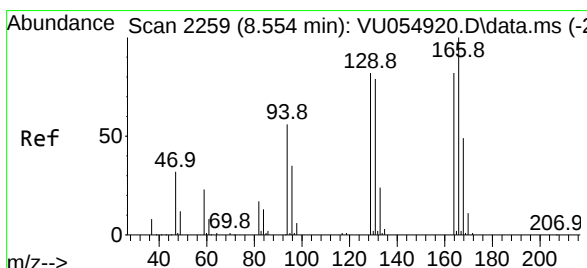
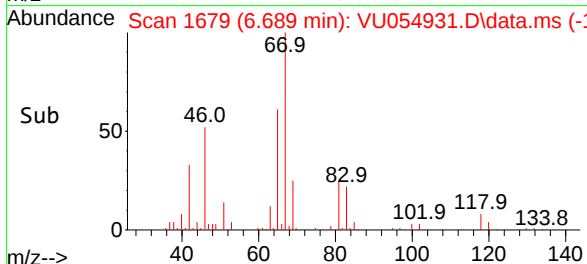
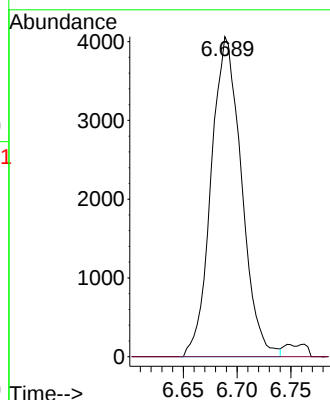
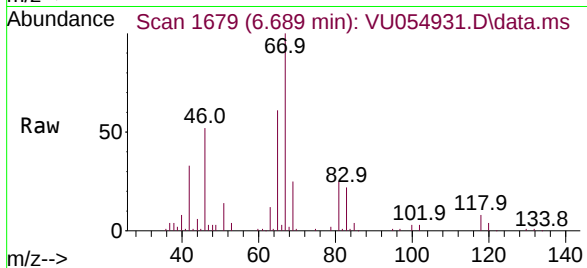
ClientSampleId :

Tgt Ion: 63 Resp: 7984

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 0.145 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU054931.D

Acq: 28 Aug 2023 18:13

Tgt Ion: 164 Resp: 1228

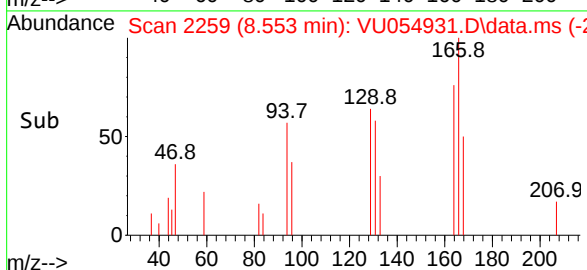
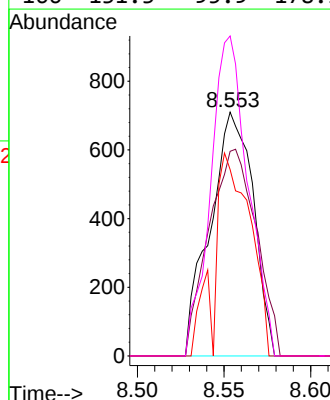
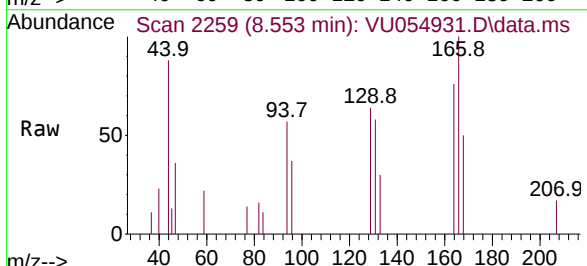
Ion Ratio Lower Upper

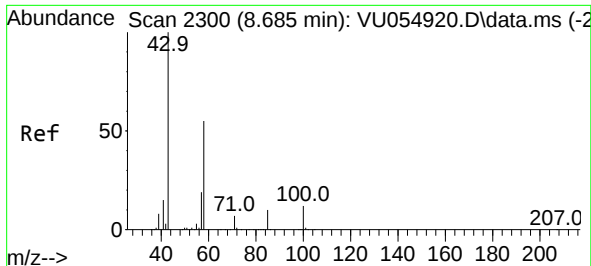
164 100

129 83.9 72.8 135.2

131 76.5 70.7 131.3

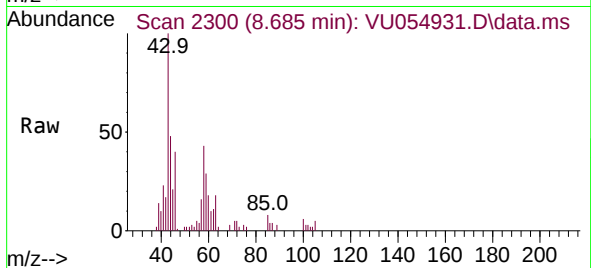
166 131.3 95.9 178.1



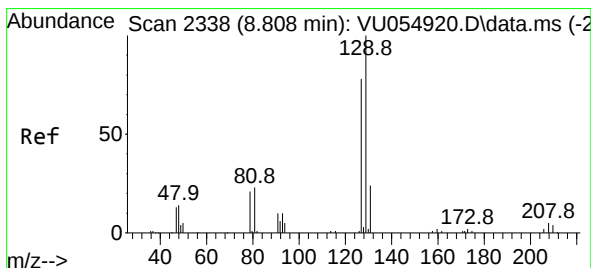
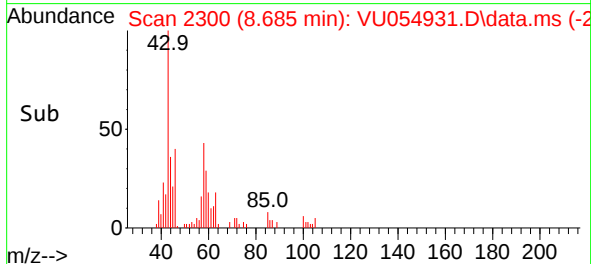
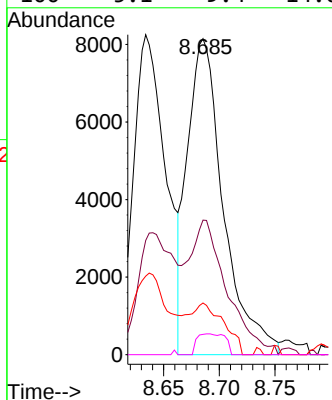


#48
2-Hexanone
Concen: 3.756 ug/L
RT: 8.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

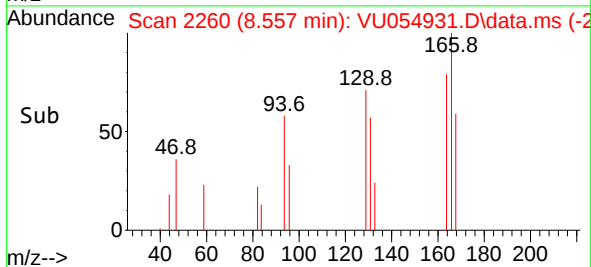
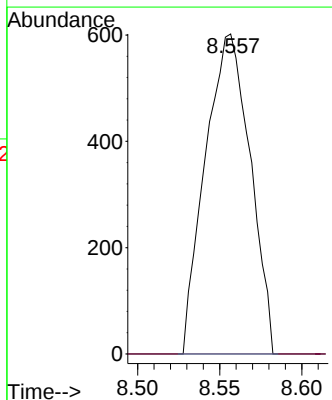
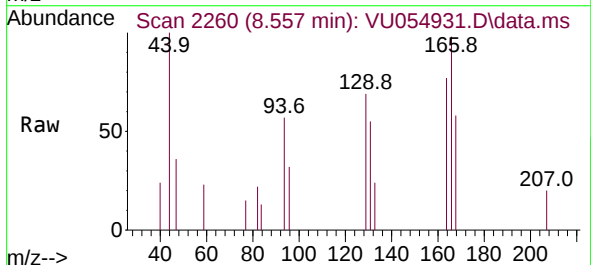


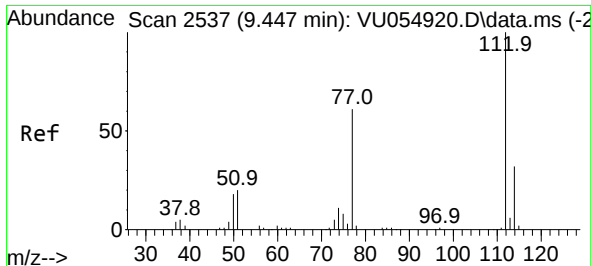
Tgt Ion: 43 Resp: 18364
Ion Ratio Lower Upper
43 100
58 42.1 44.0 66.0#
57 13.8 15.9 23.9#
100 5.1 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.124 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. -0.251 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

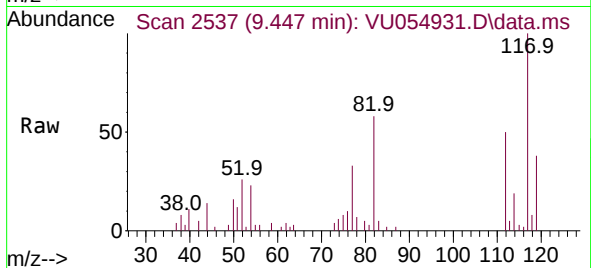
Tgt Ion:129 Resp: 1144
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#



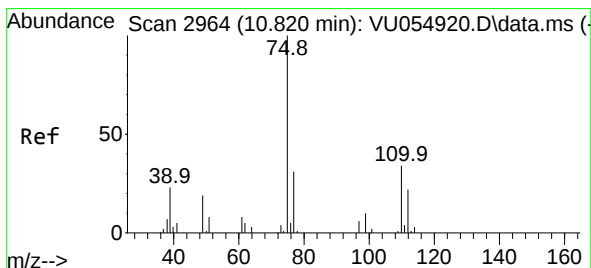
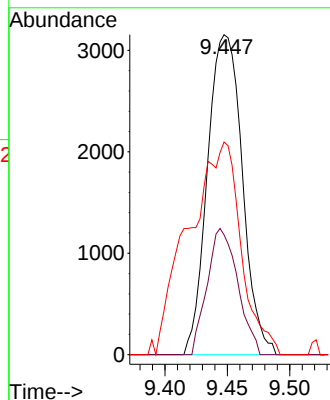
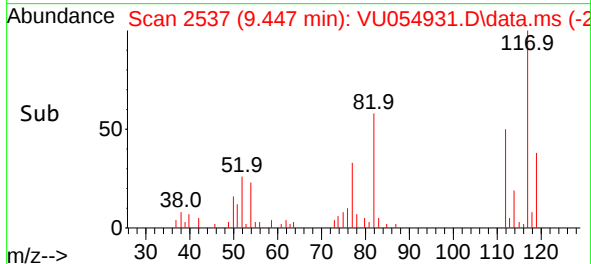


#51
Chlorobenzene
Concen: 0.200 ug/L
RT: 9.447 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13

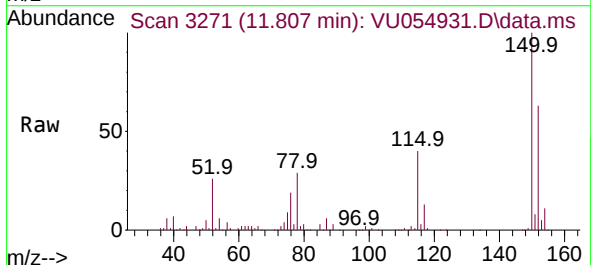
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:112 Resp: 6144
Ion Ratio Lower Upper
112 100
114 34.3 23.4 43.4
77 60.9 49.3 73.9



#61
1,2,3-Trichloropropane
Concen: 1.877 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU054931.D
Acq: 28 Aug 2023 18:13



Tgt Ion: 75 Resp: 12962
Ion Ratio Lower Upper
75 100
110 3.0 29.0 43.6#
77 36.4 26.5 39.7

