

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054942.D
 Acq On : 28 Aug 2023 22:44
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:03:55 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	193790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27915	4.564	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.911	69	37583	4.756	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.563	65	17478	5.056	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.200%	
20) 2-Butanone-d5	4.637	46	213982	64.812	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.620%	
24) Chloroform-d	5.062	84	116627	5.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.701	65	63869	5.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	5.724	84	206353	4.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.689	67	73399	4.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.894	98	196183	4.786	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.180	79	24764	4.998	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.000%	
46) 2-Hexanone-d5	8.634	63	151001	64.213	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	128.420%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70290	5.445	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	82032	4.865	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	57130	4.758	ug/L	99
3) Chloromethane	1.518	50	59598	4.757	ug/L	99
5) Vinyl chloride	1.602	62	63387	4.874	ug/L	96
6) Bromomethane	1.856	94	24119	2.972	ug/L	100
8) Chloroethane	1.930	64	43095	5.038	ug/L	97
9) Trichlorofluoromethane	2.136	101	94750	5.119	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50315	5.004	ug/L	94
12) 1,1-Dichloroethene	2.576	96	46543	5.319	ug/L	88
13) Acetone	2.650	43	89834	50.338	ug/L	93
14) Carbon disulfide	2.788	76	116729	4.817	ug/L	98
15) Methyl Acetate	2.959	43	21838	5.978	ug/L	92
16) Methylene chloride	3.042	84	60596	4.508	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	137804	5.411	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	47085	4.924	ug/L	95
19) 1,1-Dichloroethane	3.865	63	99170	4.944	ug/L	96
21) 2-Butanone	4.714	43	156976	57.404	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	59699	5.237	ug/L	97
23) Bromochloromethane	4.972	128	25087	5.085	ug/L	95
25) Chloroform	5.087	83	106756	4.852	ug/L	97

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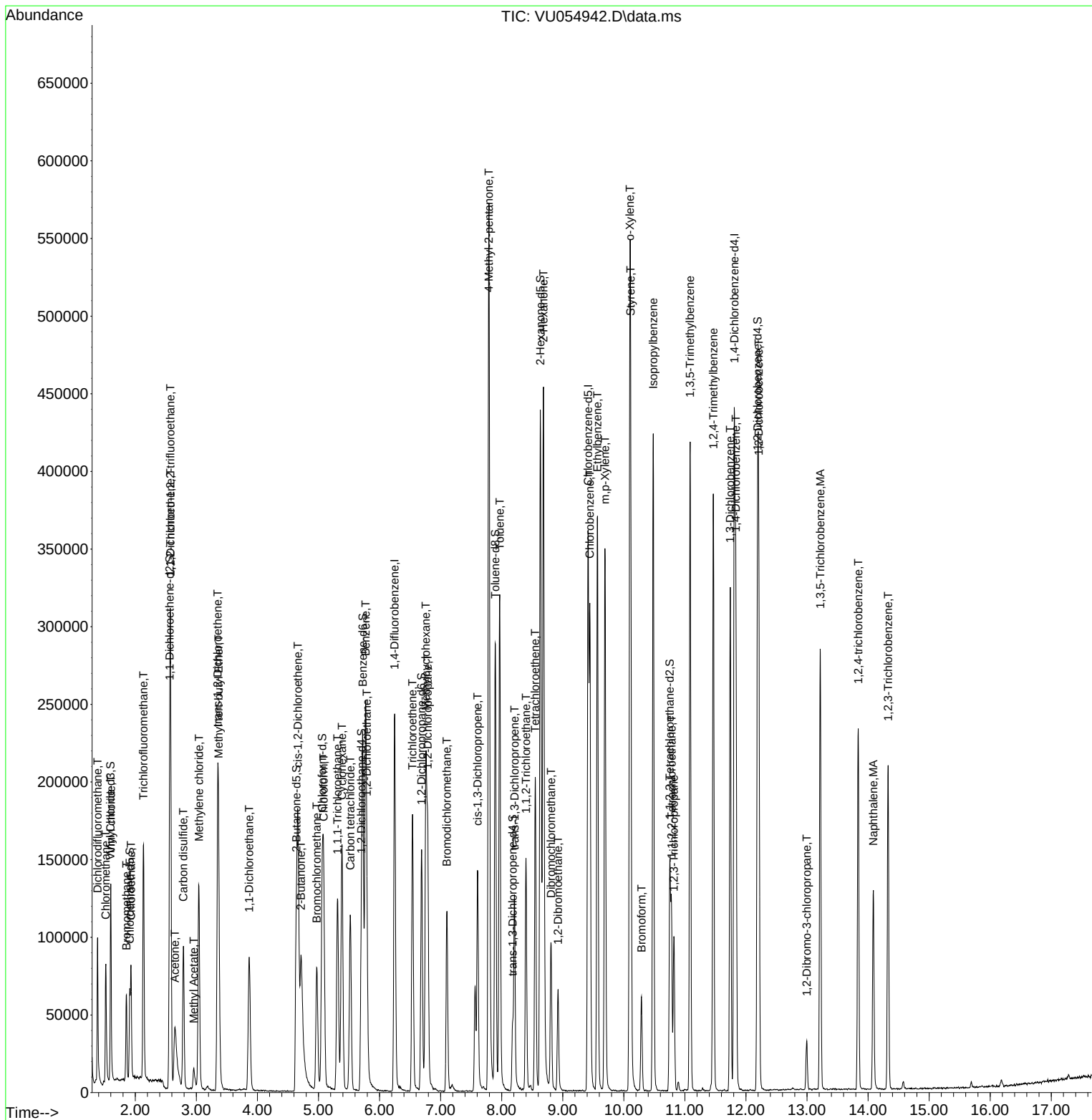
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 ClientSampleId :

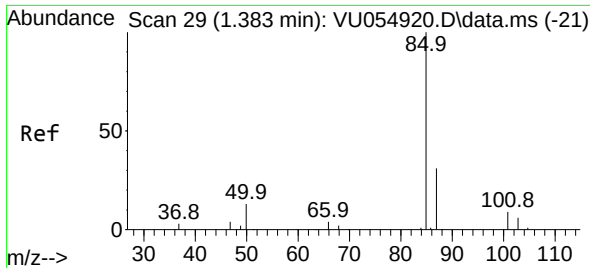
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	69275	5.153	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	89320	4.719	ug/L	100
30) Cyclohexane	5.386	56	78845	4.699	ug/L	98
31) Carbon tetrachloride	5.521	117	76156	4.729	ug/L	99
33) Benzene	5.772	78	217062	4.832	ug/L	100
34) Trichloroethene	6.541	95	60484	4.858	ug/L	96
35) Methylcyclohexane	6.759	83	82896	4.500	ug/L	99
37) 1,2-Dichloropropane	6.788	63	60212	4.808	ug/L	98
38) Bromodichloromethane	7.103	83	73414	4.726	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	85393	4.732	ug/L	100
40) 4-Methyl-2-pentanone	7.791	43	393114	56.307	ug/L	99
42) Toluene	7.968	91	238397	4.783	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	68621	4.604	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	45360	5.367	ug/L	98
47) Tetrachloroethene	8.550	164	40303	4.505	ug/L	98
48) 2-Hexanone	8.685	43	296395	57.325	ug/L	99
49) Dibromochloromethane	8.807	129	48116	4.914	ug/L	90
50) 1,2-Dibromoethane	8.923	107	42433	5.215	ug/L	100
51) Chlorobenzene	9.444	112	154838	4.772	ug/L	98
52) Ethylbenzene	9.569	91	267964	4.766	ug/L	98
53) m,p-Xylene	9.692	106	101471	4.816	ug/L	99
54) o-Xylene	10.100	106	98247	4.864	ug/L	95
55) Styrene	10.113	104	163445	4.909	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	55683	5.326	ug/L	99
59) Bromoform	10.290	173	25538	4.868	ug/L	96
60) Isopropylbenzene	10.483	105	266713	4.705	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	41618	5.293	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	224125	4.606	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	215376	4.771	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	123278	4.673	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	124369	4.713	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	117033	4.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	8651	5.679	ug/L	99
69) 1,3,5-Trichlorobenzene	13.219	180	82973	4.718	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	65110	4.727	ug/L	98
71) Naphthalene	14.087	128	105260	5.080	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	58083	5.090	ug/L	99

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

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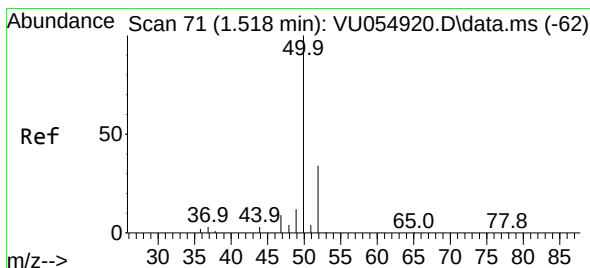
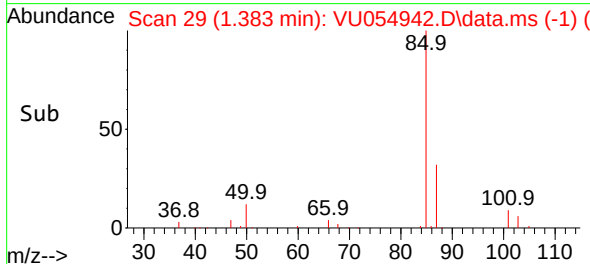
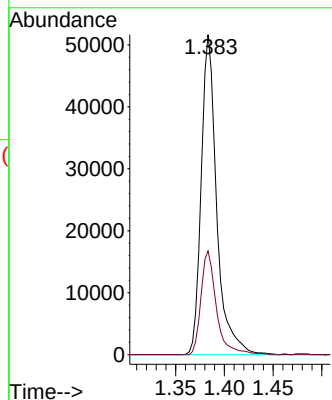
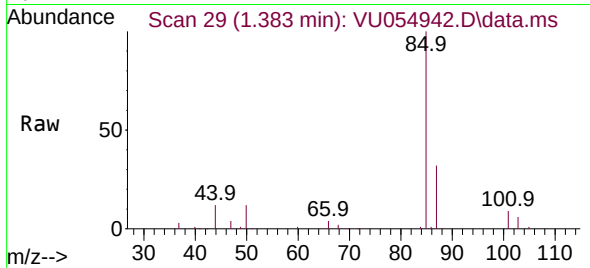




#2
 Dichlorodifluoromethane
 Concen: 4.758 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU054942.D
 Acq: 28 Aug 2023 22:44

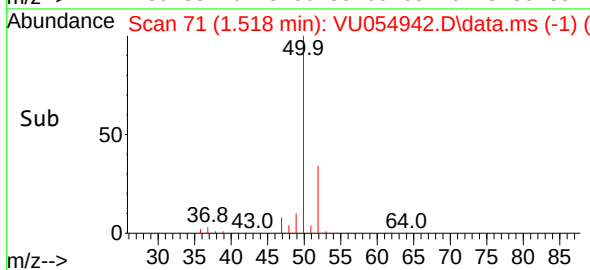
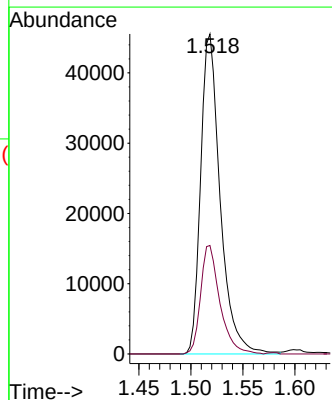
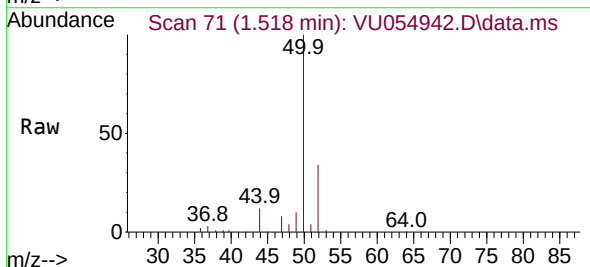
Instrument :
 MSVOA_U
 ClientSampleId :

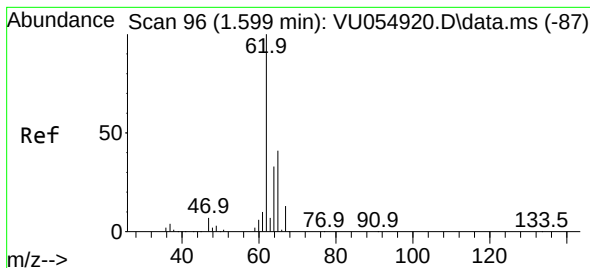
Tgt Ion: 85 Resp: 57130
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 4.757 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU054942.D
 Acq: 28 Aug 2023 22:44

Tgt Ion: 50 Resp: 59598
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.6





#5

Vinyl chloride

Concen: 4.874 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

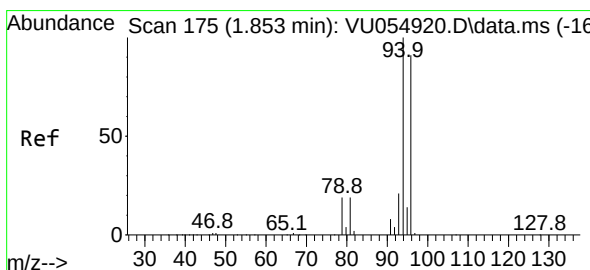
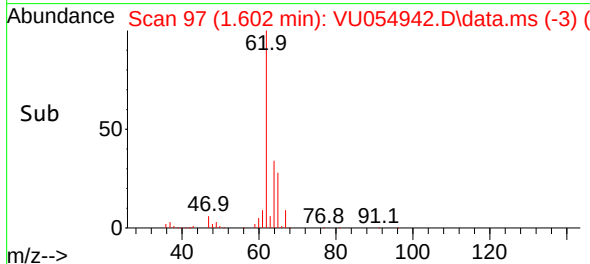
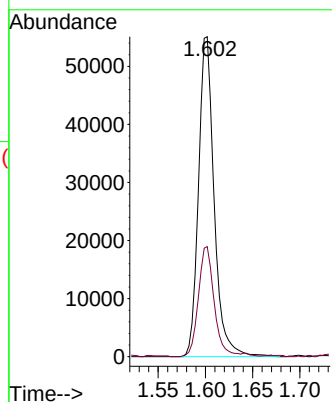
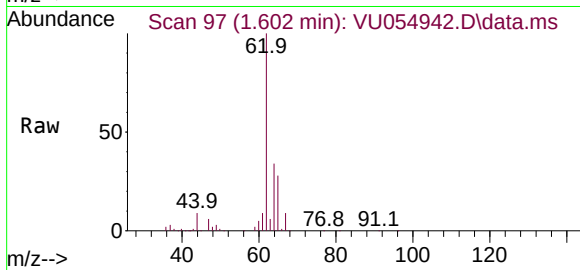
ClientSampleId :

Tgt Ion: 62 Resp: 63387

Ion Ratio Lower Upper

62 100

64 34.4 22.7 42.1



#6

Bromomethane

Concen: 2.972 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU054942.D

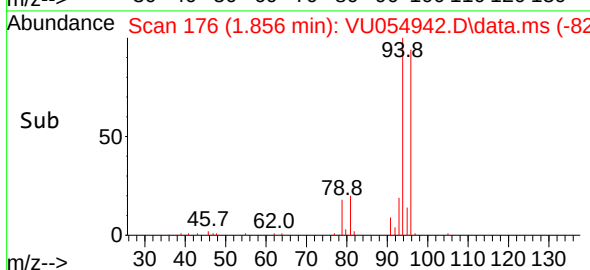
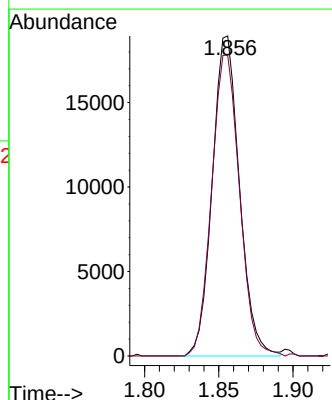
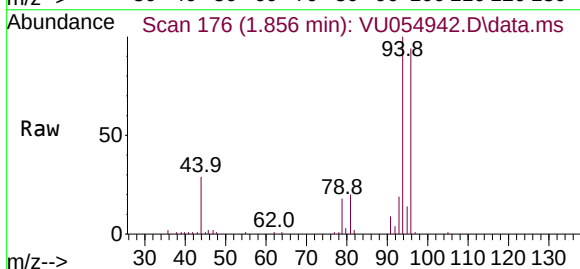
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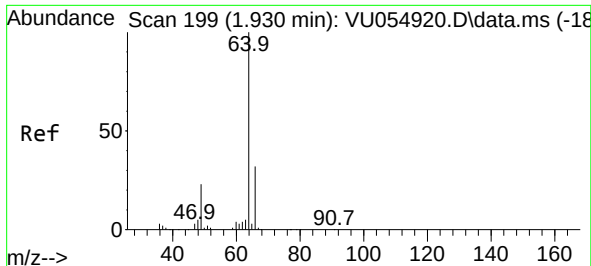
Tgt Ion: 94 Resp: 24119

Ion Ratio Lower Upper

94 100

96 94.0 65.5 121.7

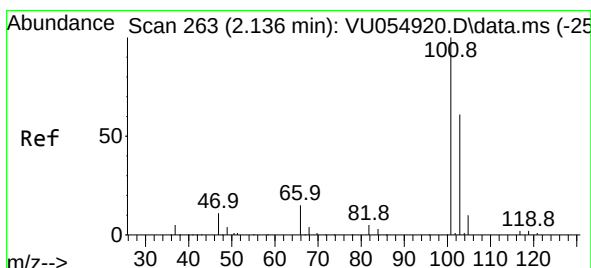
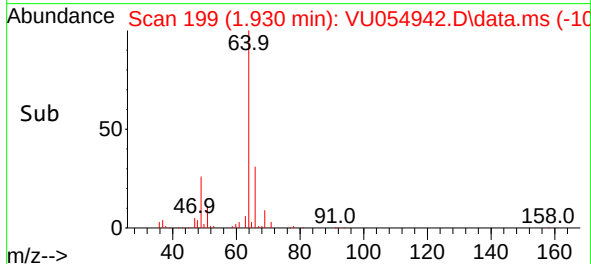
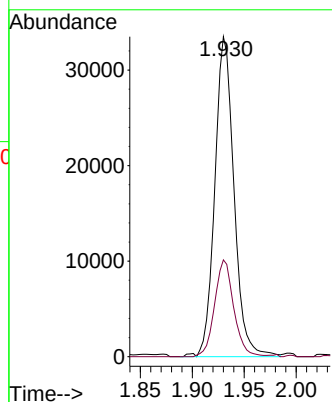
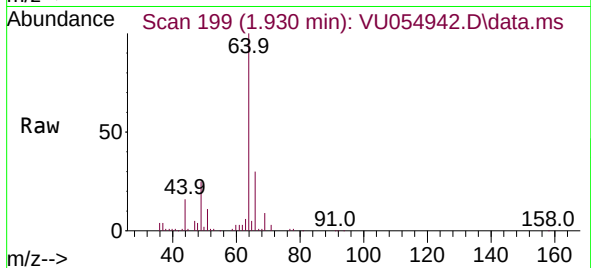




#8
Chloroethane
Concen: 5.038 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

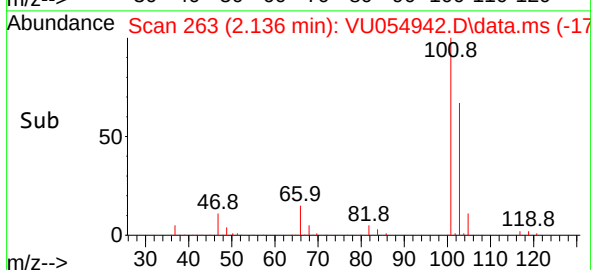
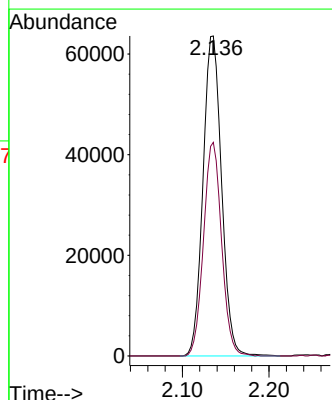
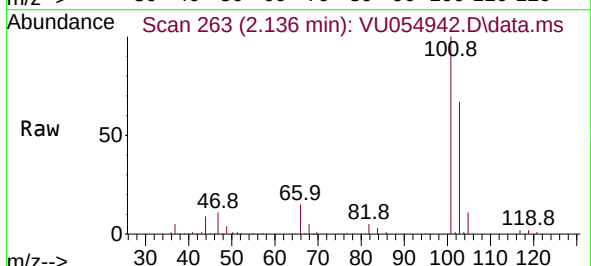
Instrument :
MSVOA_U
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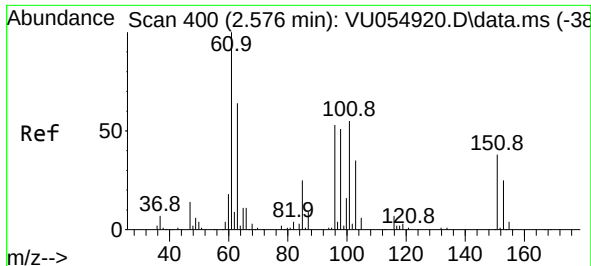
Tgt Ion: 64 Resp: 43095
Ion Ratio Lower Upper
64 100
66 28.9 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.119 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion:101 Resp: 94750
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4

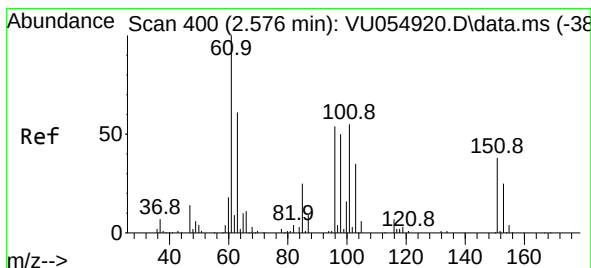
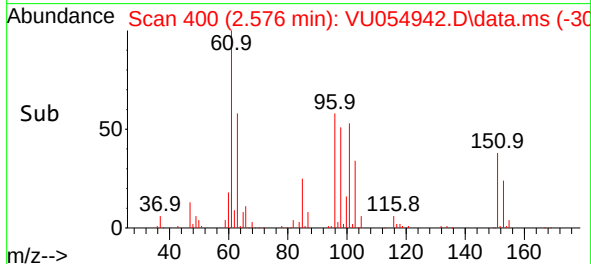
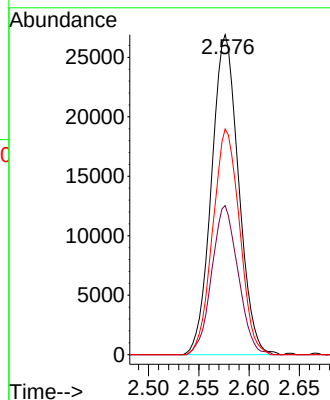
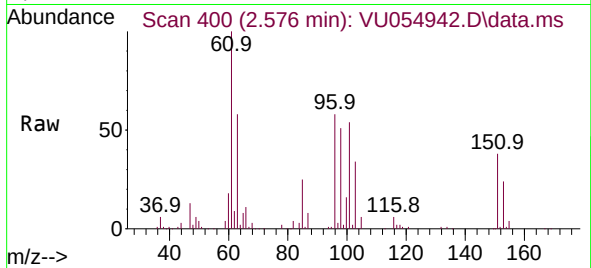




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.004 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU054942.D
 Acq: 28 Aug 2023 22:44

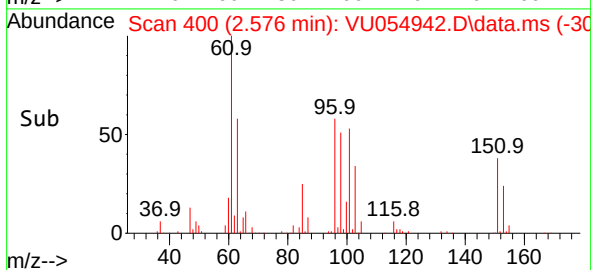
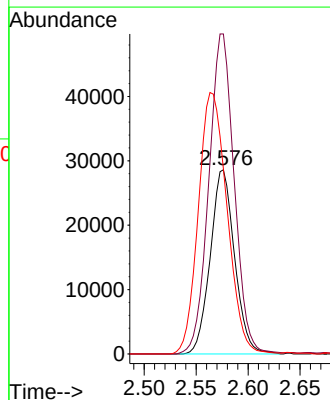
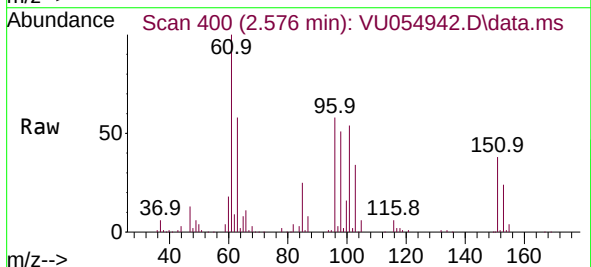
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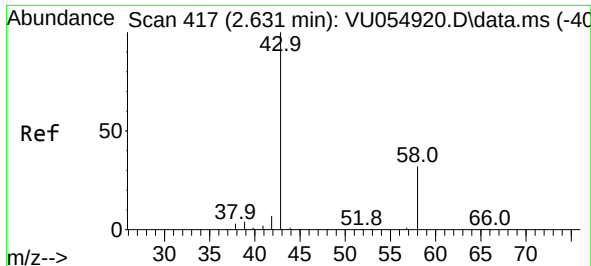
Tgt Ion:101 Resp: 50315
 Ion Ratio Lower Upper
 101 100
 85 45.5 38.3 57.5
 151 70.0 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 5.319 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU054942.D
 Acq: 28 Aug 2023 22:44

Tgt Ion: 96 Resp: 46543
 Ion Ratio Lower Upper
 96 100
 61 173.8 132.4 245.8
 63 100.6 82.5 153.1





#13

Acetone

Concen: 50.338 ug/L

RT: 2.650 min Scan# 417

Delta R.T. 0.019 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

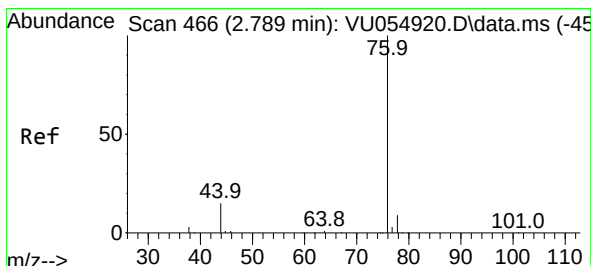
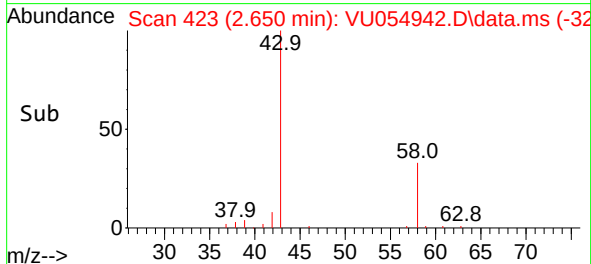
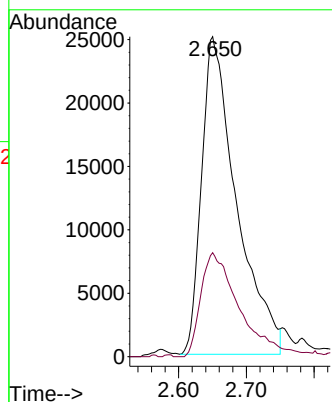
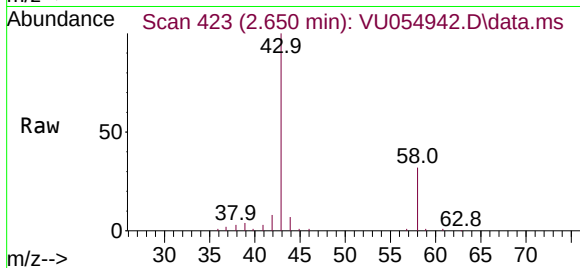
ClientSampleId :

Tgt Ion: 43 Resp: 89834

Ion Ratio Lower Upper

43 100

58 36.3 0.0 64.4



#14

Carbon disulfide

Concen: 4.817 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054942.D

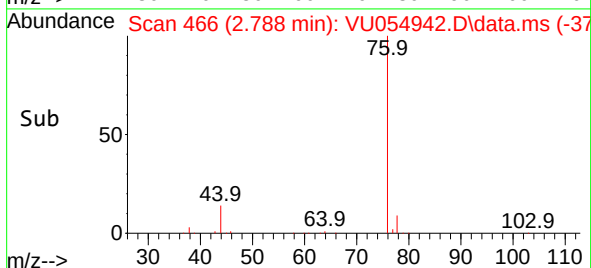
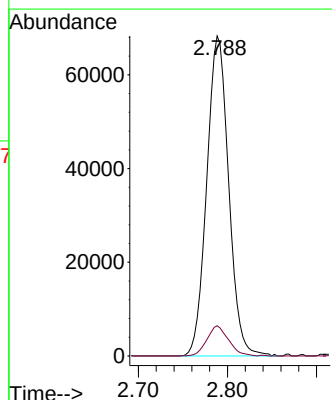
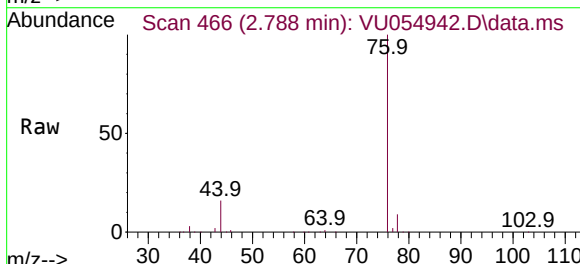
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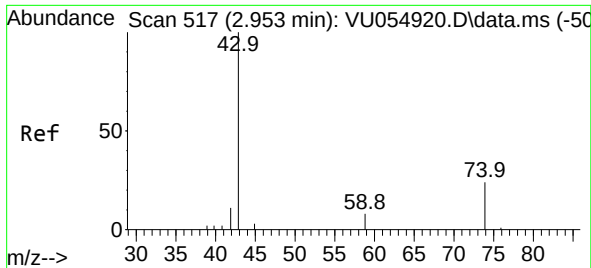
Tgt Ion: 76 Resp: 116729

Ion Ratio Lower Upper

76 100

78 9.5 8.2 12.2

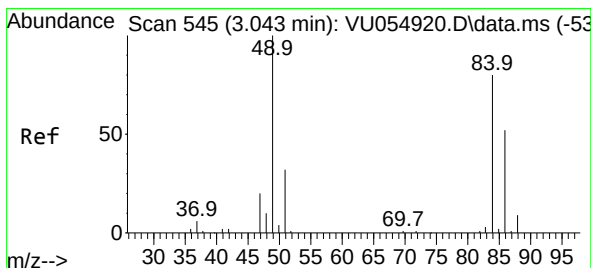
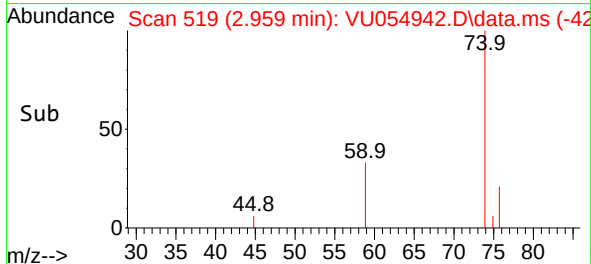
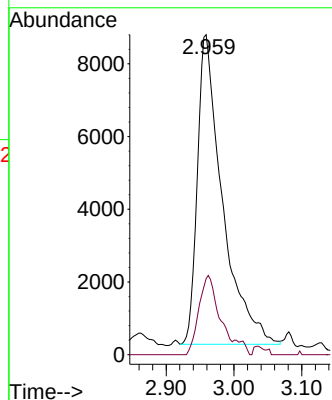
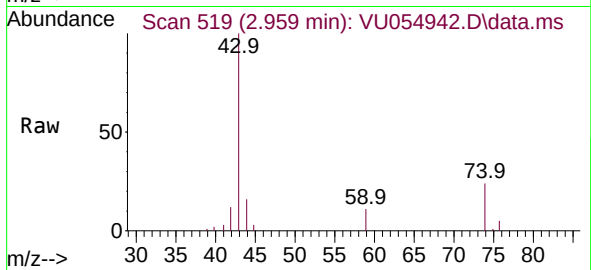




#15
Methyl Acetate
Concen: 5.978 ug/L
RT: 2.959 min Scan# 517
Delta R.T. 0.006 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

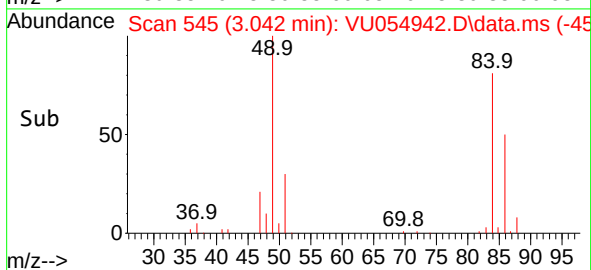
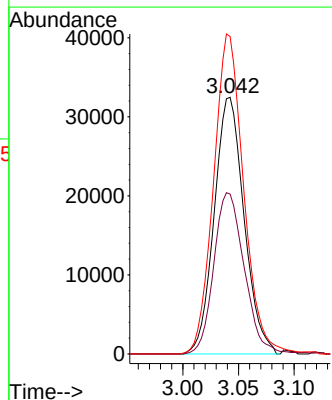
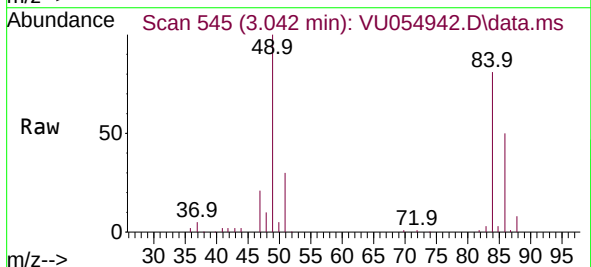
Instrument :
MSVOA_U
ClientSampleId :

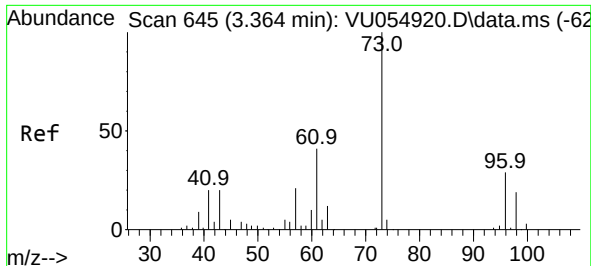
Tgt Ion: 43 Resp: 21838
Ion Ratio Lower Upper
43 100
74 20.6 19.5 29.3



#16
Methylene chloride
Concen: 4.508 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion: 84 Resp: 60596
Ion Ratio Lower Upper
84 100
86 62.3 45.1 83.7
49 123.7 89.5 166.3

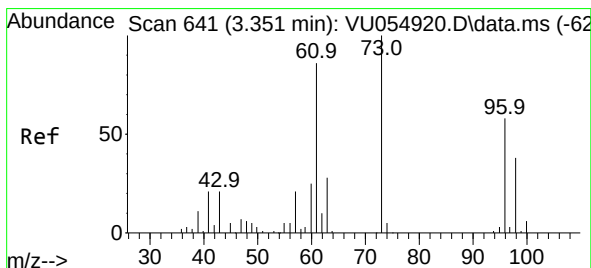
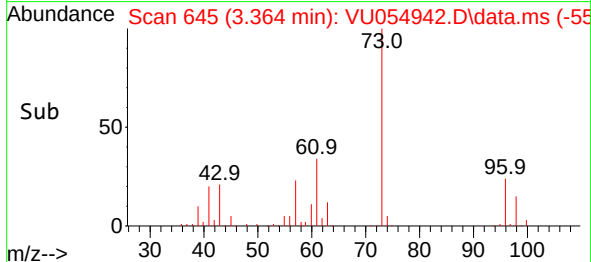
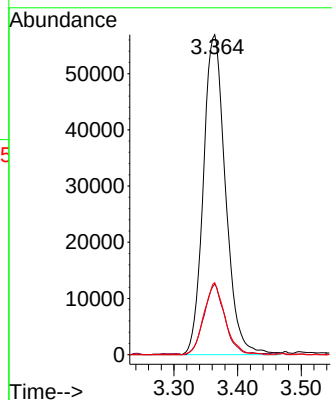
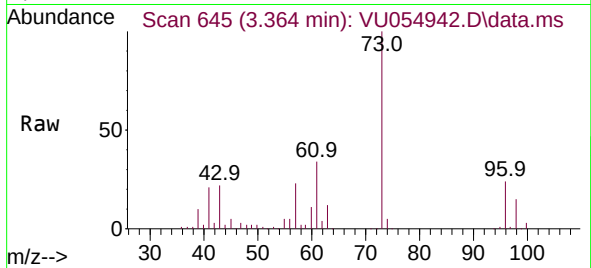




#17
Methyl tert-butyl Ether
Concen: 5.411 ug/L
RT: 3.364 min Scan# 645
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

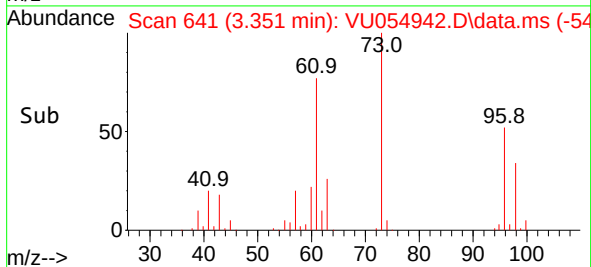
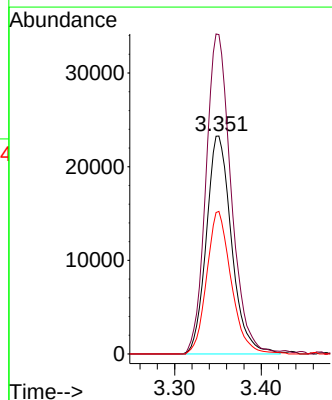
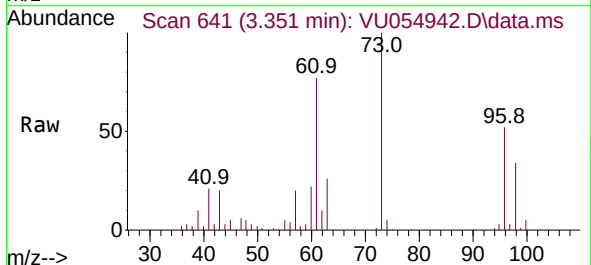
Instrument :
MSVOA_U
ClientSampleId :

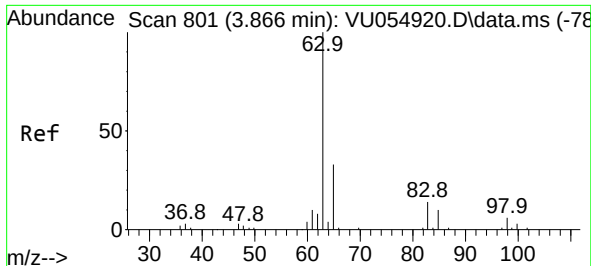
Tgt Ion: 73 Resp: 137804
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2
57 21.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.924 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion: 96 Resp: 47085
Ion Ratio Lower Upper
96 100
61 146.6 108.8 202.0
98 65.4 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.944 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054942.D

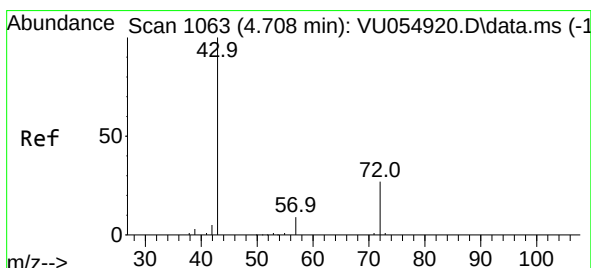
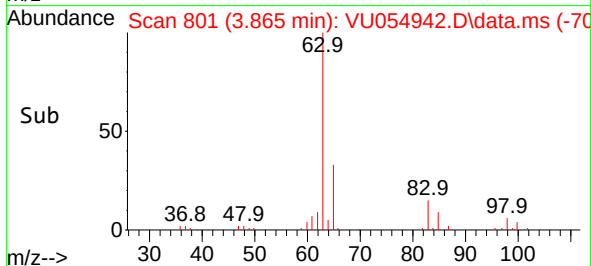
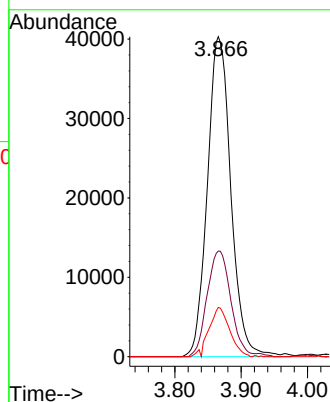
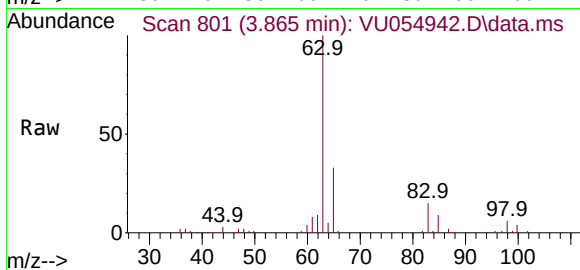
Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	99170
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.7
83	15.4	9.5	17.7



#21

2-Butanone

Concen: 57.404 ug/L

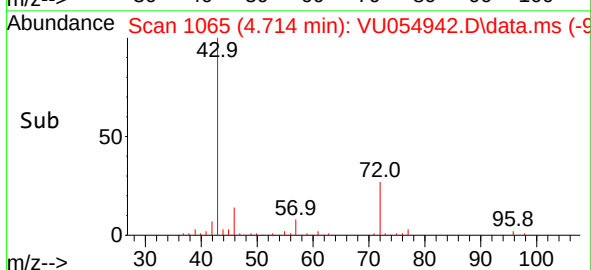
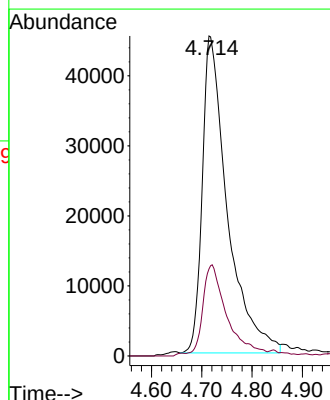
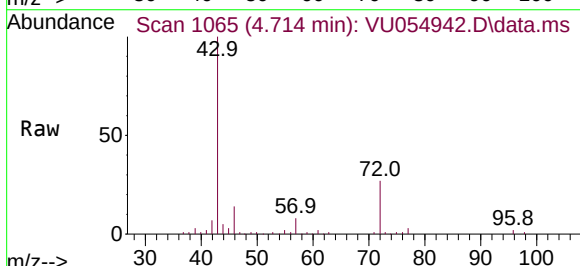
RT: 4.714 min Scan# 1065

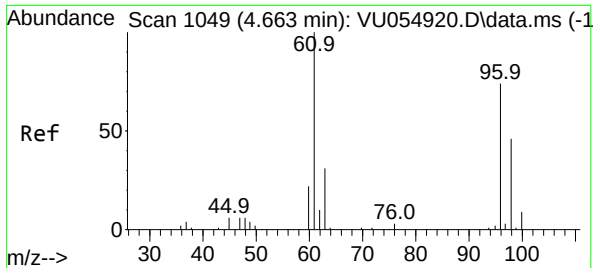
Delta R.T. 0.006 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

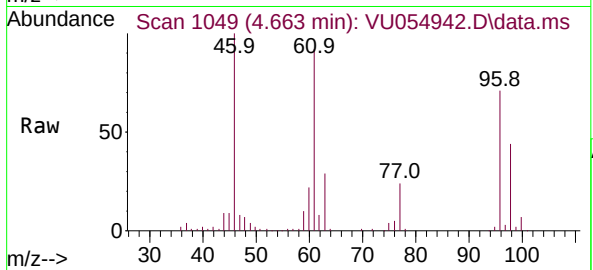
Tgt Ion:	43	Resp:	156976
Ion	Ratio	Lower	Upper
43	100		
72	27.0	14.1	42.3





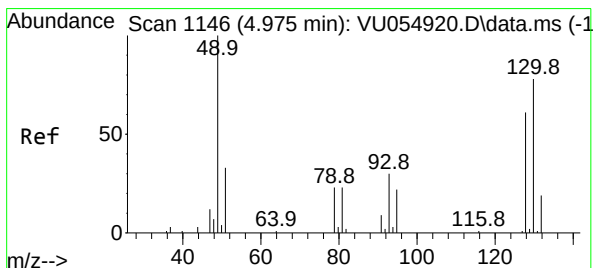
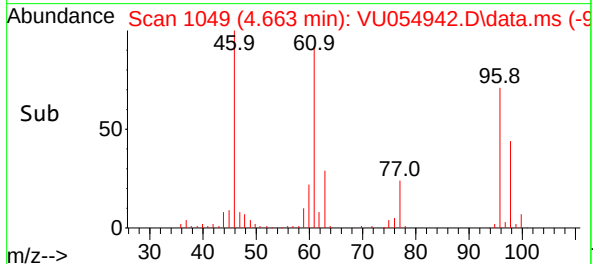
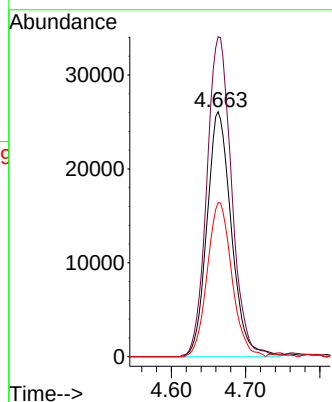
#22
 cis-1,2-Dichloroethene
 Concen: 5.237 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054942.D
 Acq: 28 Aug 2023 22:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 59699

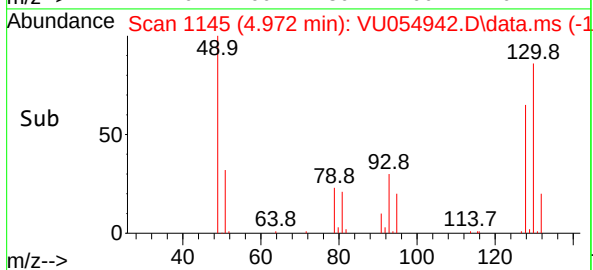
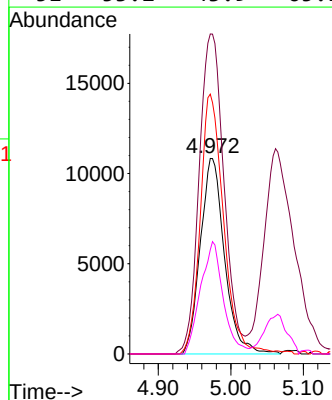
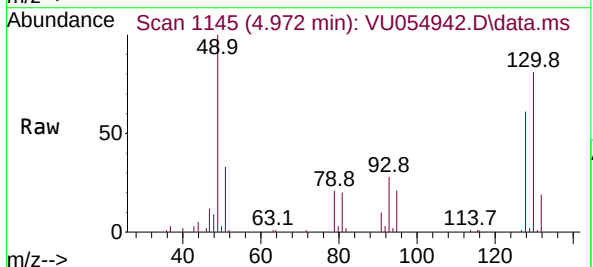
Ion	Ratio	Lower	Upper
96	100		
61	130.6	88.4	164.2
98	62.9	44.0	81.6

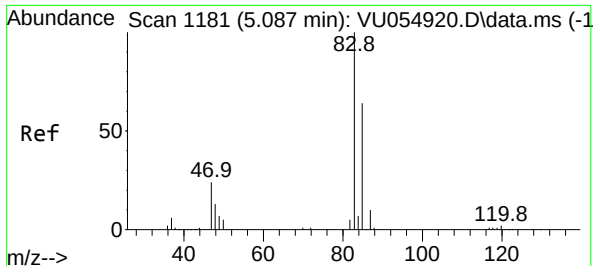


#23
 Bromochloromethane
 Concen: 5.085 ug/L
 RT: 4.972 min Scan# 1145
 Delta R.T. -0.003 min
 Lab File: VU054942.D
 Acq: 28 Aug 2023 22:44

Tgt Ion: 128 Resp: 25087

Ion	Ratio	Lower	Upper
128	100		
49	163.6	113.8	211.3
130	132.9	83.9	155.7
51	53.2	43.9	65.9





#25

Chloroform

Concen: 4.852 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

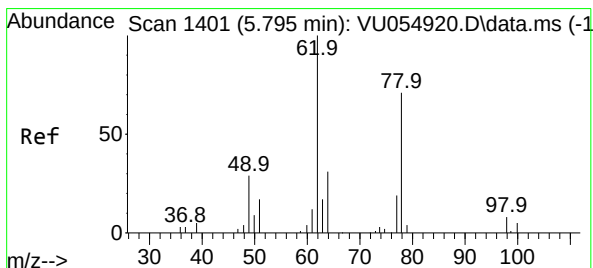
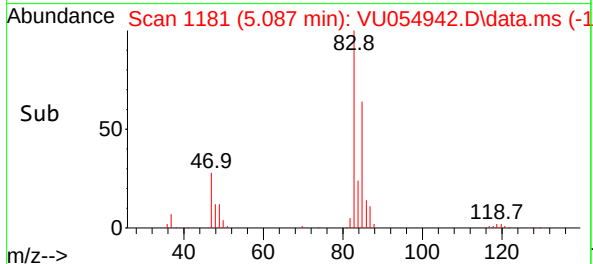
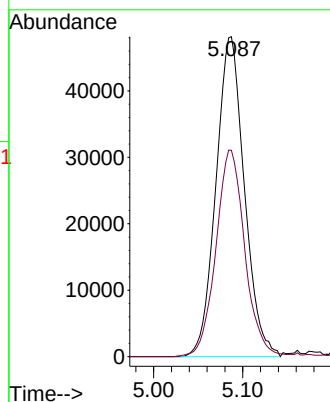
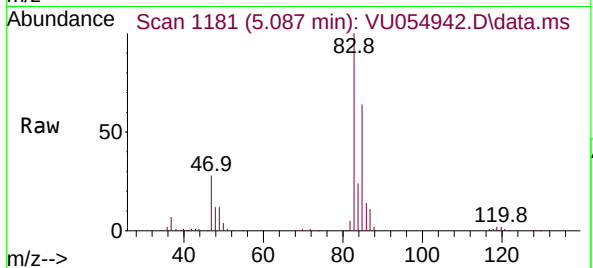
ClientSampleId :

Tgt Ion: 83 Resp: 106756

Ion Ratio Lower Upper

83 100

85 64.5 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.153 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. -0.003 min

Lab File: VU054942.D

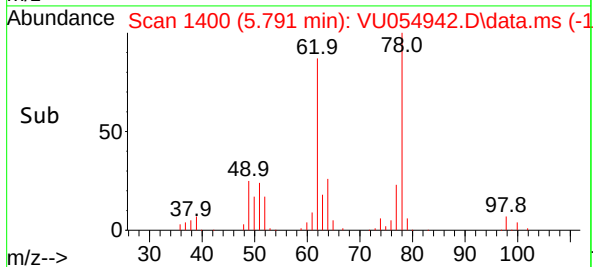
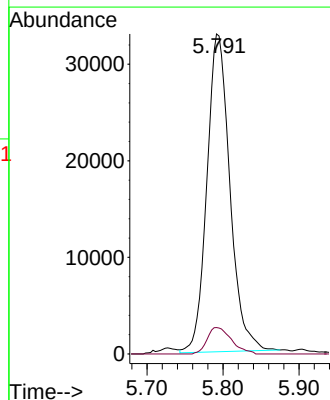
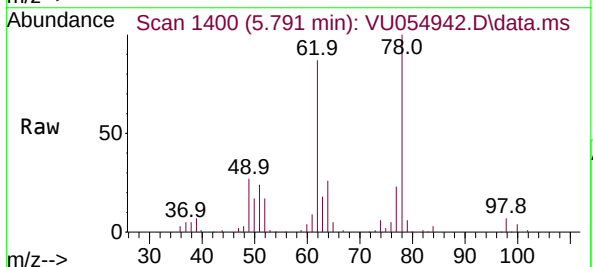
Acq: 28 Aug 2023 22:44

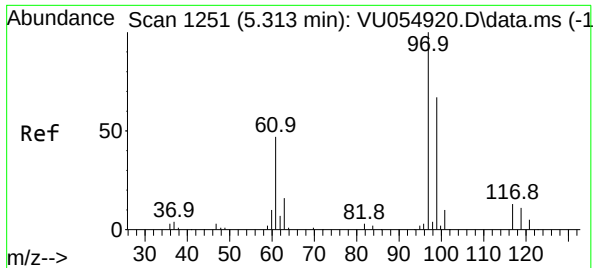
Tgt Ion: 62 Resp: 69275

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6

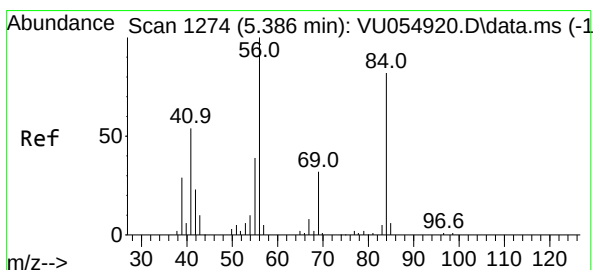
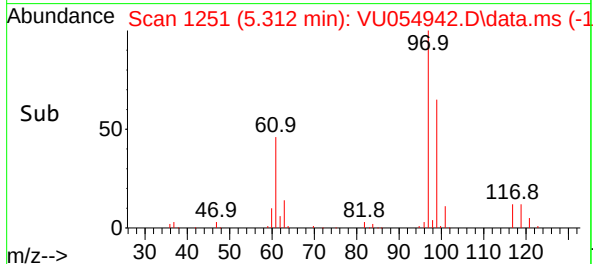
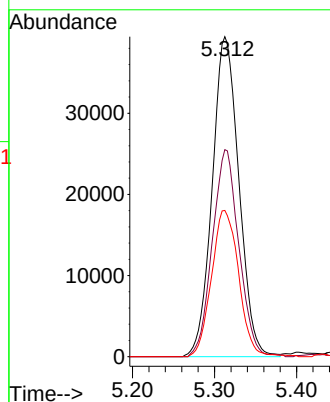
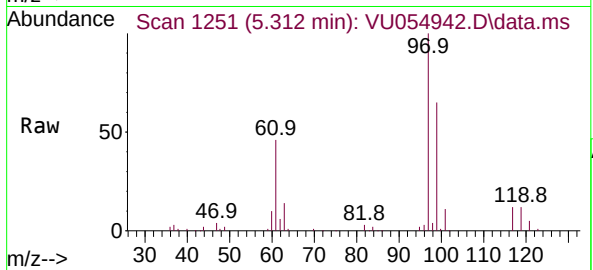




#29
1,1,1-Trichloroethane
Concen: 4.719 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

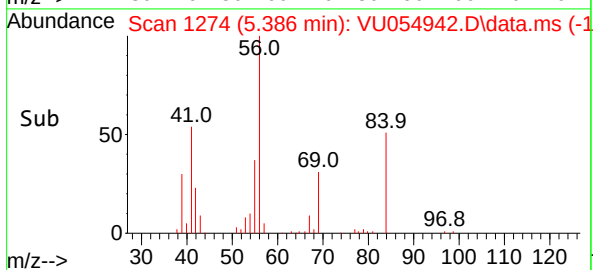
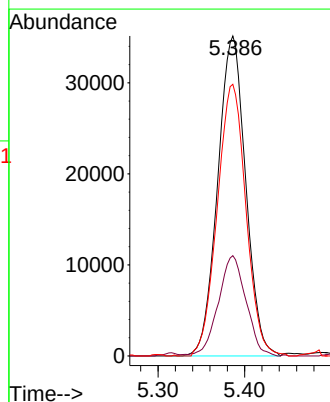
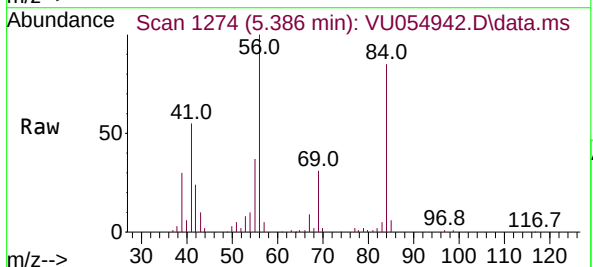
Instrument :
MSVOA_U
ClientSampleId :

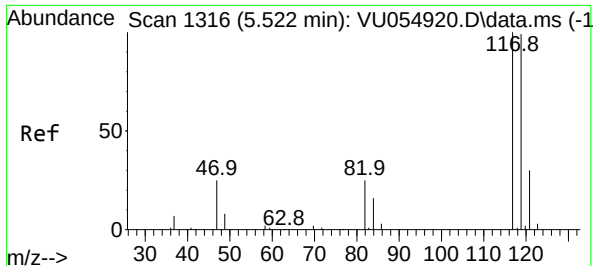
Tgt Ion: 97 Resp: 89320
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 46.7 37.2 55.8



#30
Cyclohexane
Concen: 4.699 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion: 56 Resp: 78845
Ion Ratio Lower Upper
56 100
69 31.0 24.5 36.7
84 86.9 71.3 106.9

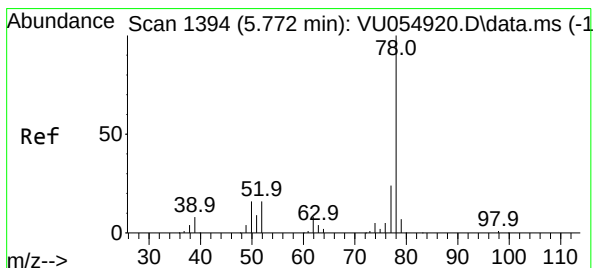
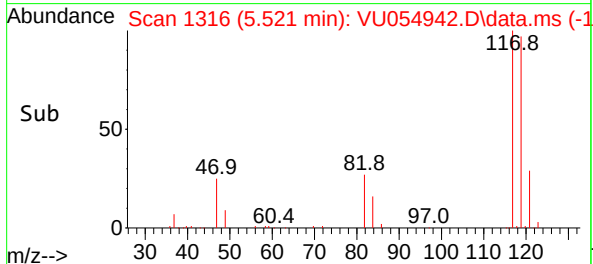
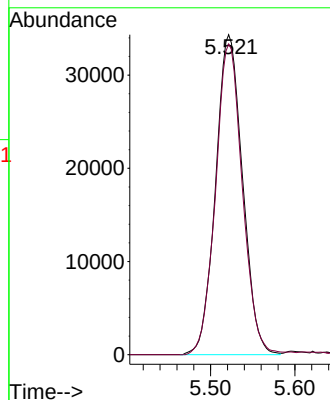
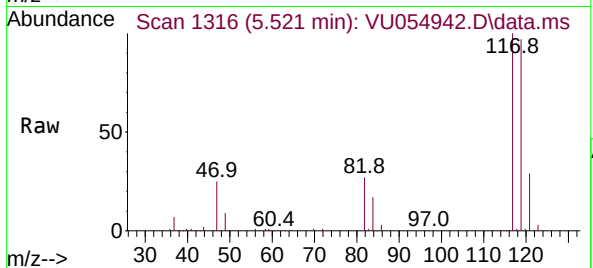




#31
Carbon tetrachloride
Concen: 4.729 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

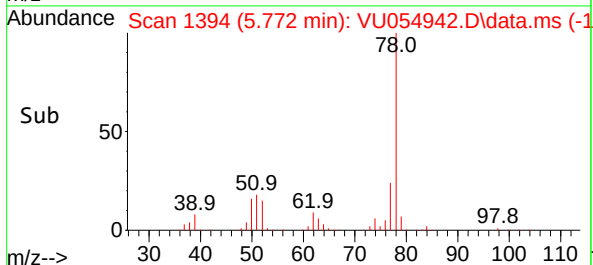
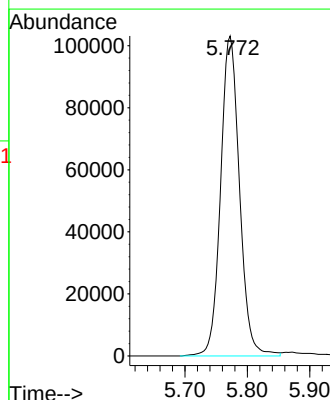
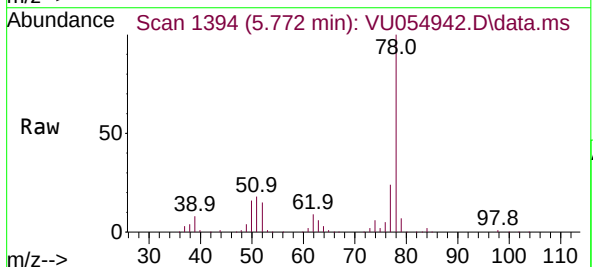
Instrument :
MSVOA_U
ClientSampleId :

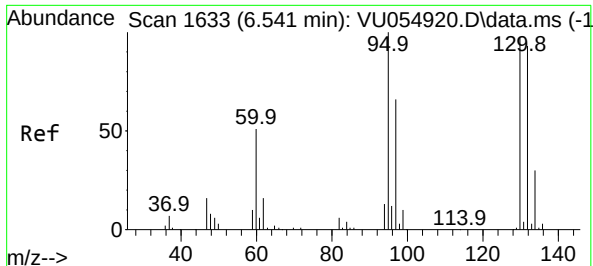
Tgt Ion:117 Resp: 76156
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0



#33
Benzene
Concen: 4.832 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

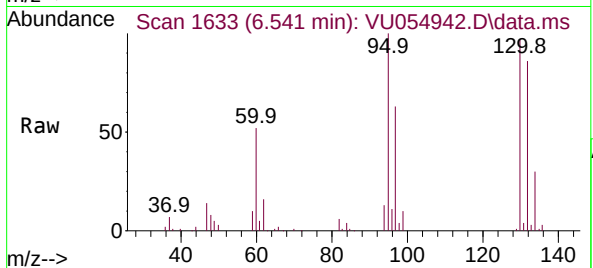
Tgt Ion: 78 Resp: 217062





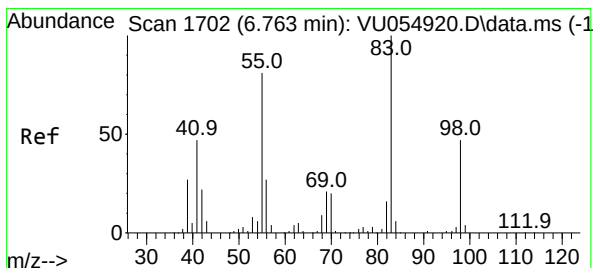
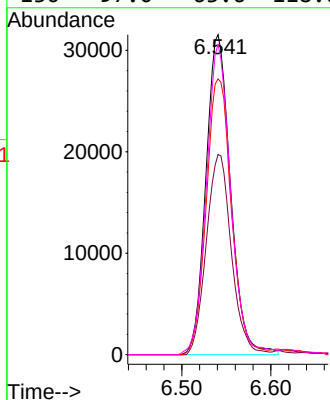
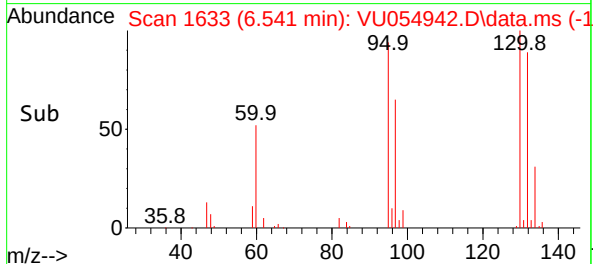
#34
Trichloroethene
Concen: 4.858 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Instrument :
MSVOA_U
ClientSampleId :

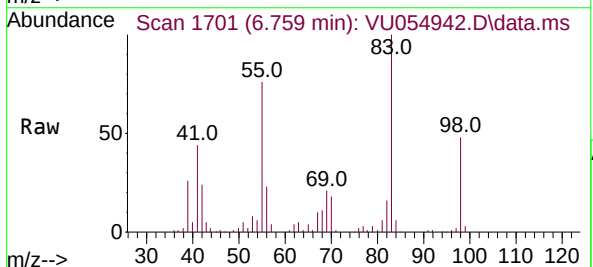


Tgt Ion: 95 Resp: 60484

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.1	81.9
132	86.2	63.6	118.2
130	97.0	63.6	118.0

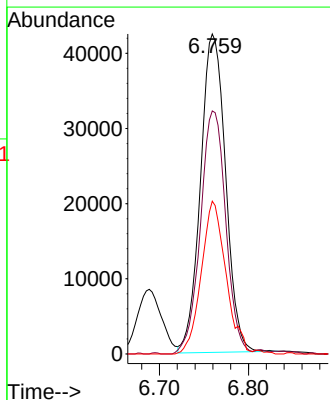
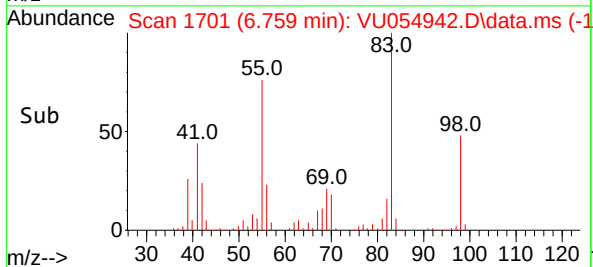


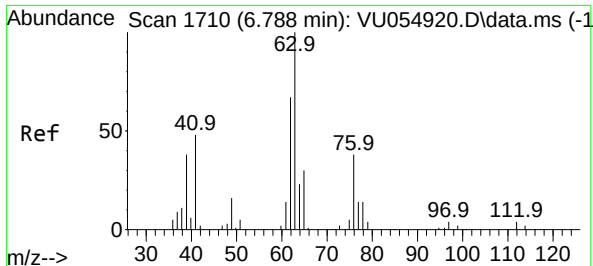
#35
Methylcyclohexane
Concen: 4.500 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44



Tgt Ion: 83 Resp: 82896

Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.1	93.1
98	47.0	37.8	56.6

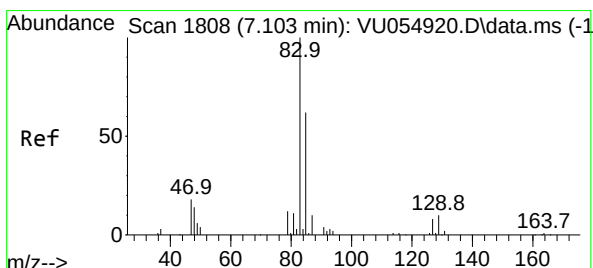
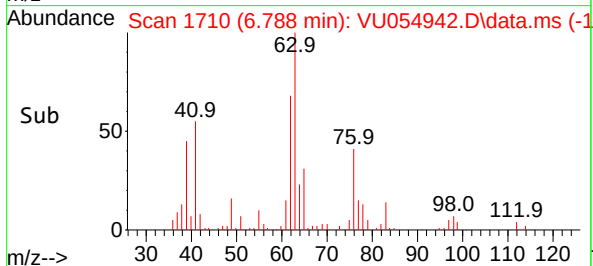
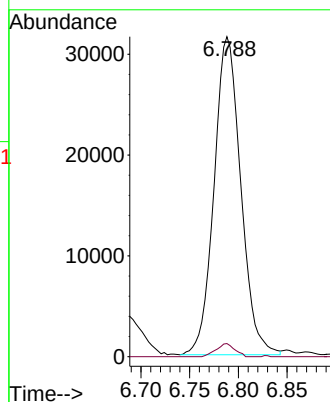
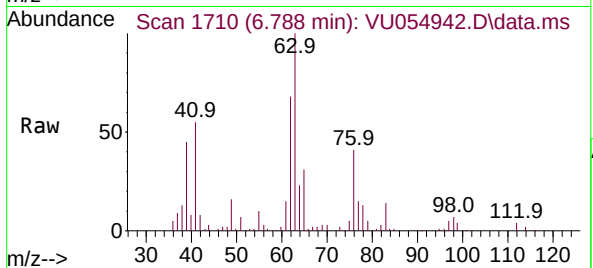




#37
1,2-Dichloropropane
Concen: 4.808 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

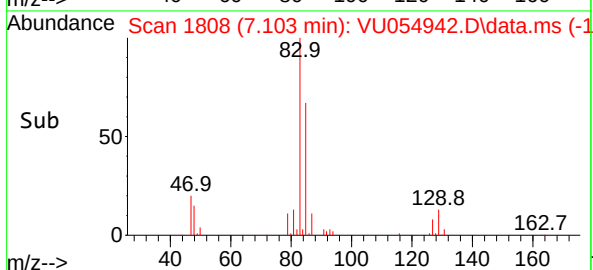
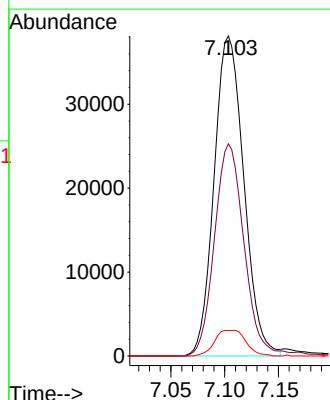
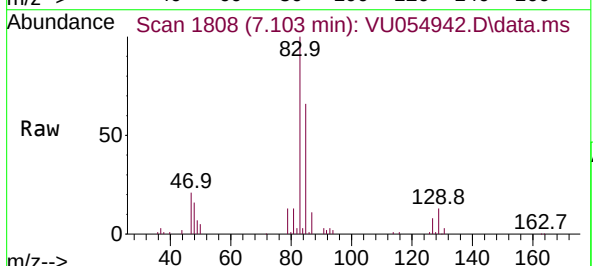
Instrument :
MSVOA_U
ClientSampleId :

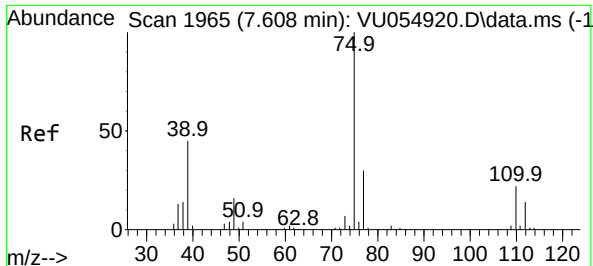
Tgt Ion: 63 Resp: 60212
Ion Ratio Lower Upper
63 100
112 2.9 2.7 4.1



#38
Bromodichloromethane
Concen: 4.726 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion: 83 Resp: 73414
Ion Ratio Lower Upper
83 100
85 66.3 45.1 83.7
127 8.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.732 ug/L

RT: 7.605 min Scan# 1965

Delta R.T. -0.003 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

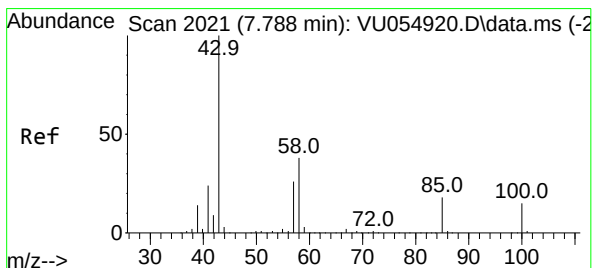
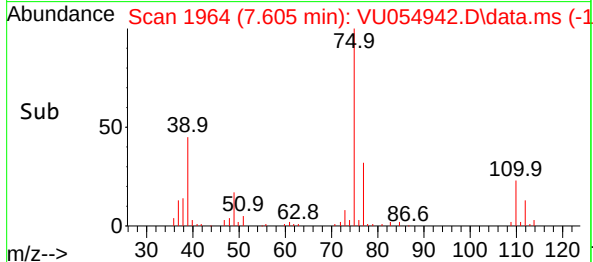
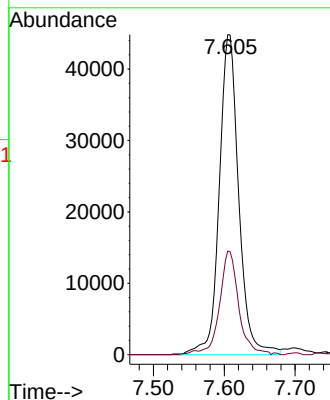
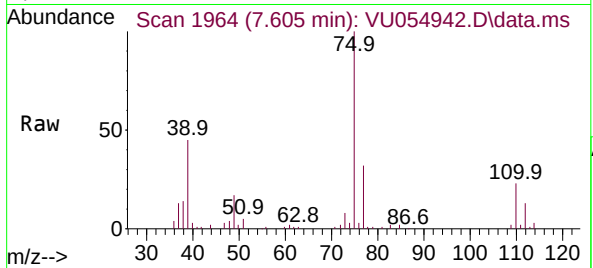
ClientSampleId :

Tgt Ion: 75 Resp: 85393

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 56.307 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.003 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

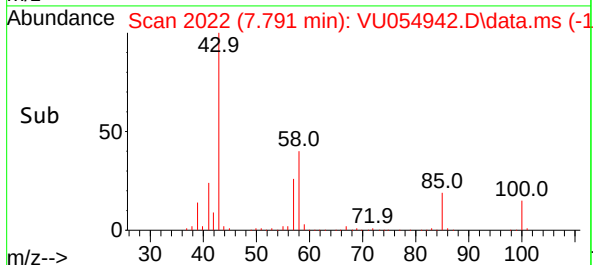
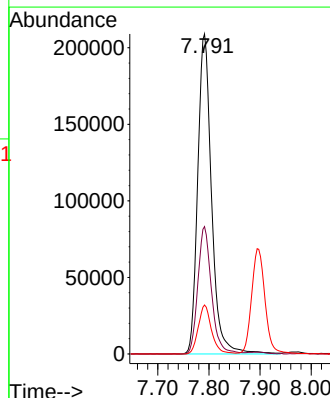
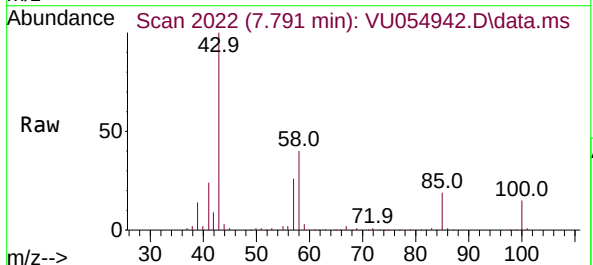
Tgt Ion: 43 Resp: 393114

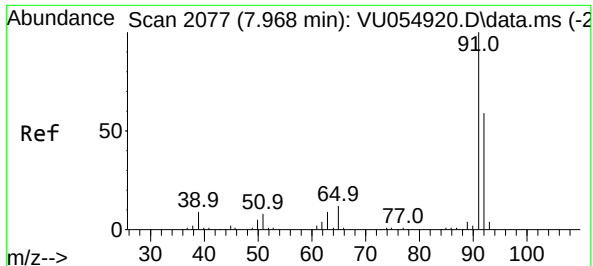
Ion Ratio Lower Upper

43 100

58 39.2 32.1 48.1

100 14.6 11.8 17.6





#42

Toluene

Concen: 4.783 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

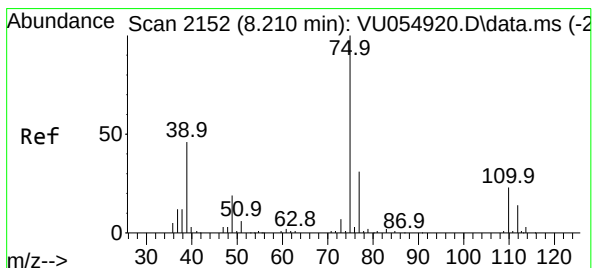
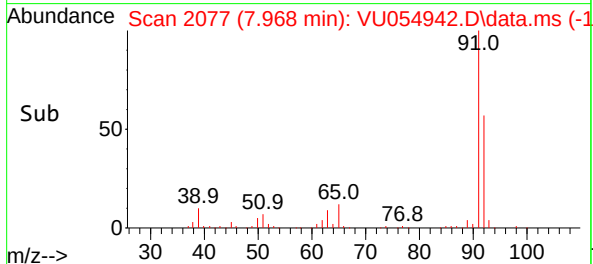
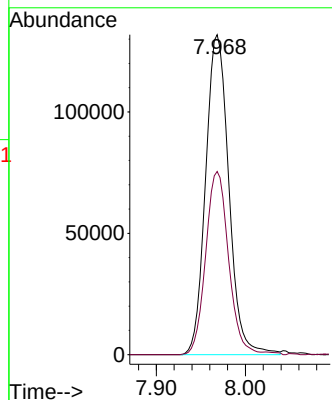
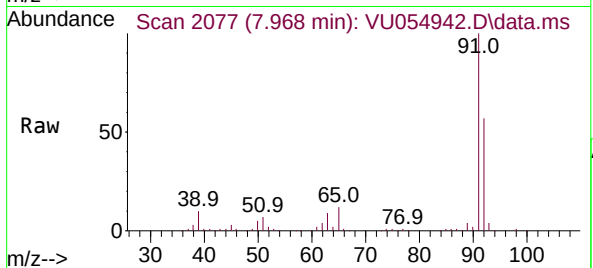
ClientSampleId :

Tgt Ion: 91 Resp: 238397

Ion Ratio Lower Upper

91 100

92 57.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.604 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. -0.000 min

Lab File: VU054942.D

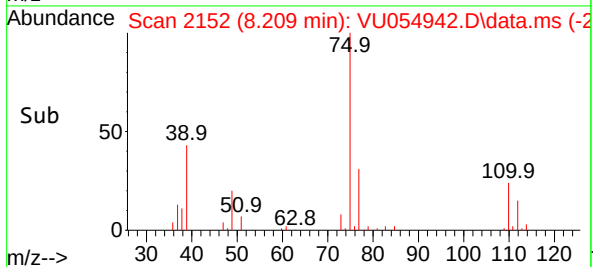
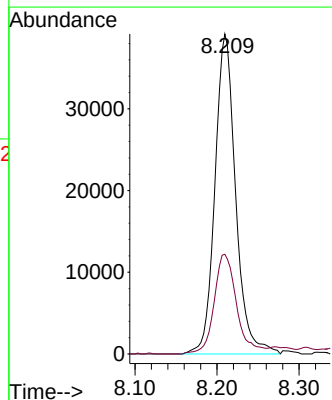
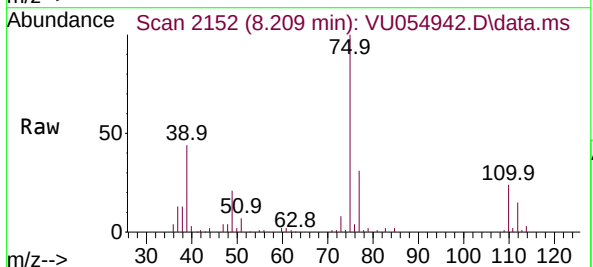
Acq: 28 Aug 2023 22:44

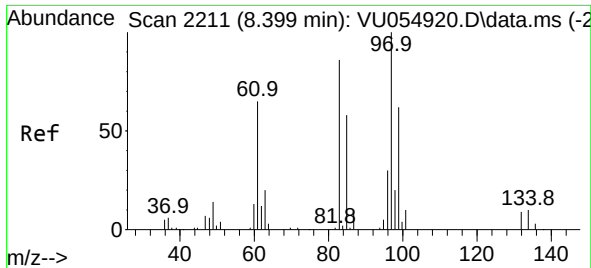
Tgt Ion: 75 Resp: 68621

Ion Ratio Lower Upper

75 100

77 31.1 21.3 39.5

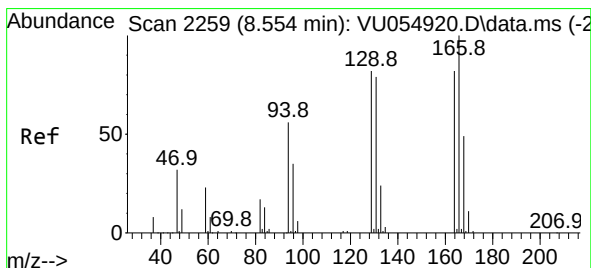
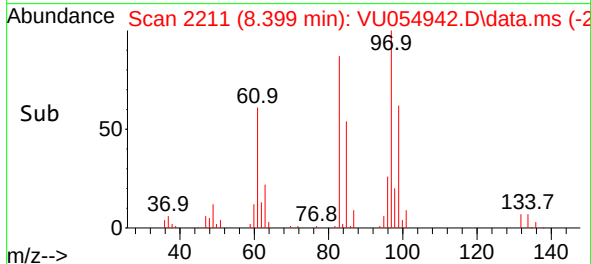
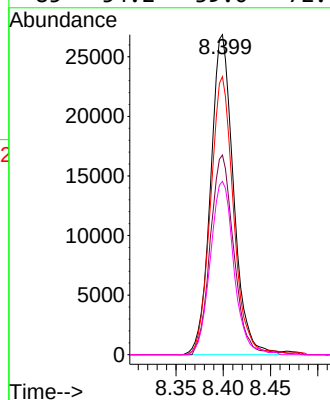
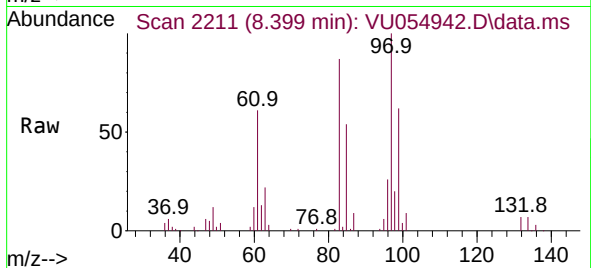




#45
1,1,2-Trichloroethane
Concen: 5.367 ug/L
RT: 8.399 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

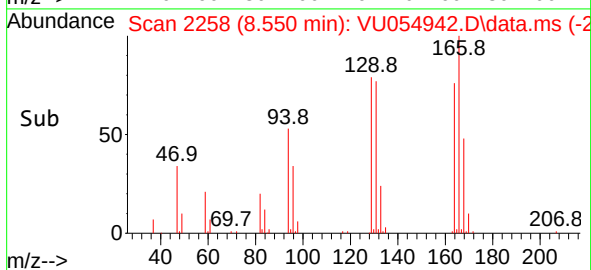
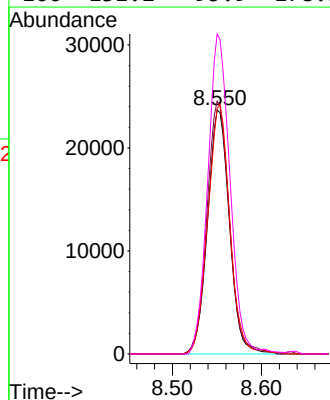
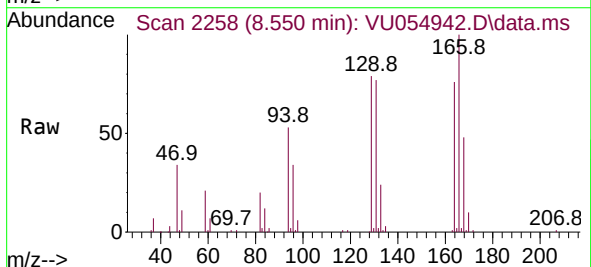
Instrument :
MSVOA_U
ClientSampleId :

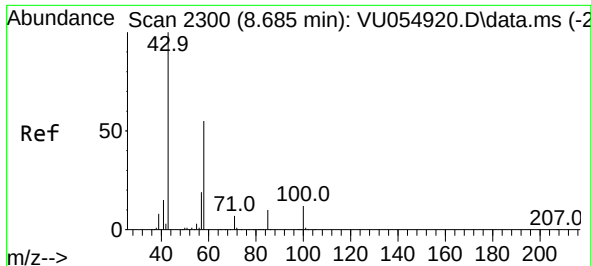
Tgt Ion:	97	Resp:	45360
Ion	Ratio	Lower	Upper
97	100		
99	62.4	41.5	77.1
83	86.9	59.8	111.1
85	54.2	39.0	72.4



#47
Tetrachloroethene
Concen: 4.505 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

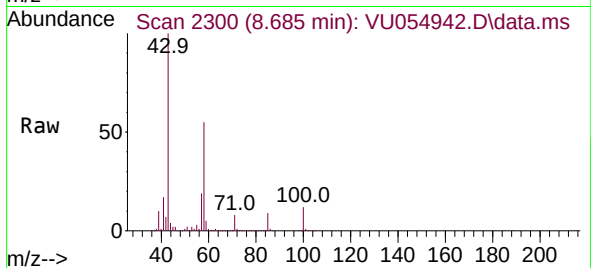
Tgt Ion:	164	Resp:	40303
Ion	Ratio	Lower	Upper
164	100		
129	103.7	72.8	135.2
131	100.6	70.7	131.3
166	131.2	95.9	178.1



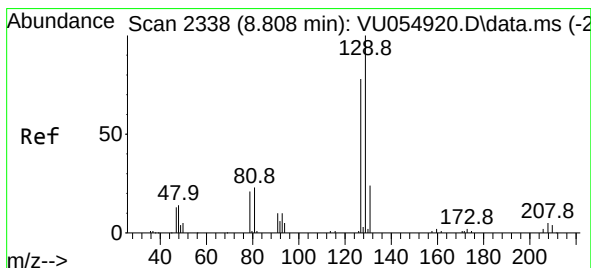
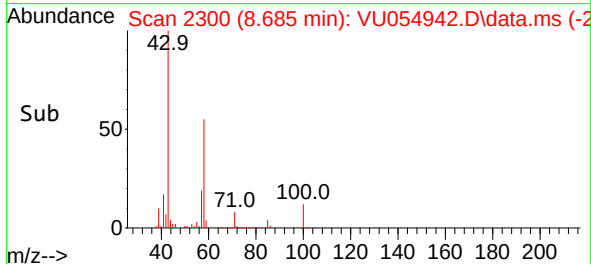
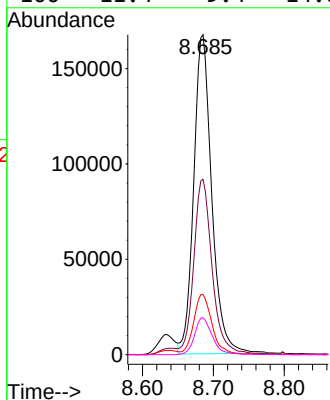


#48
2-Hexanone
Concen: 57.325 ug/L
RT: 8.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Instrument :
MSVOA_U
ClientSampleId :

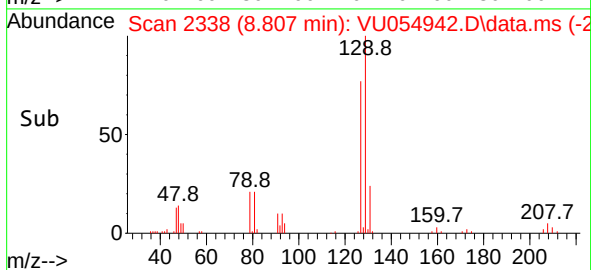
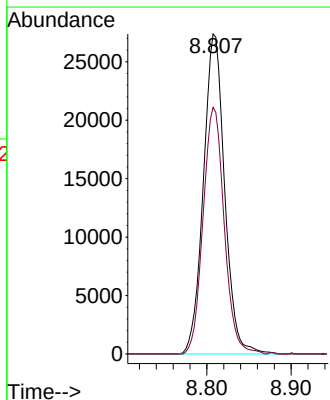
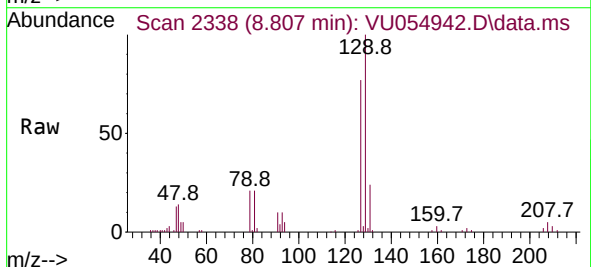


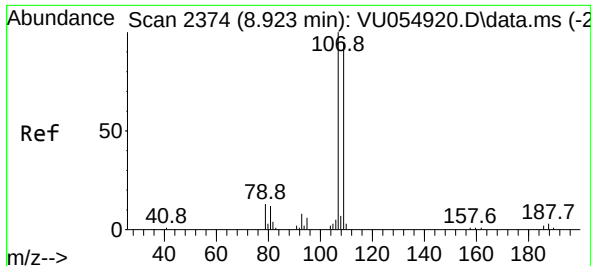
Tgt Ion: 43 Resp: 296395
Ion Ratio Lower Upper
43 100
58 54.9 44.0 66.0
57 18.7 15.9 23.9
100 11.4 9.4 14.0



#49
Dibromochloromethane
Concen: 4.914 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion: 129 Resp: 48116
Ion Ratio Lower Upper
129 100
127 77.1 60.5 112.5





#50

1,2-Dibromoethane

Concen: 5.215 ug/L

RT: 8.923 min Scan# 21

Delta R.T. -0.000 min

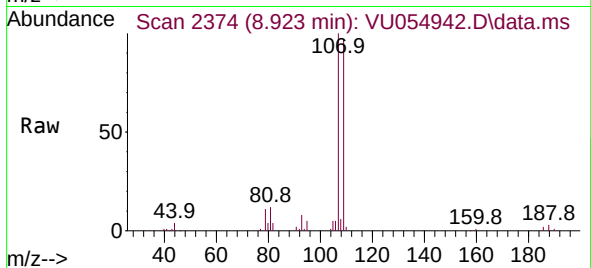
Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

ClientSampleId :



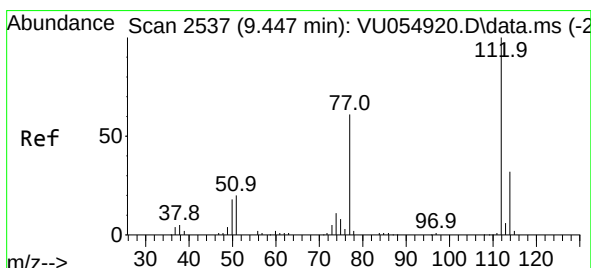
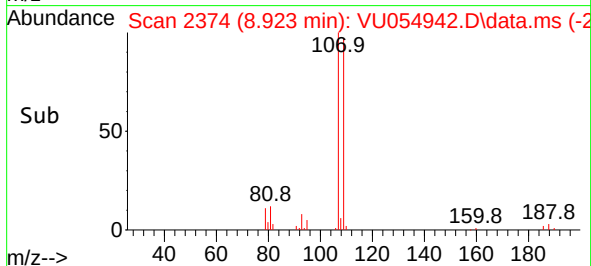
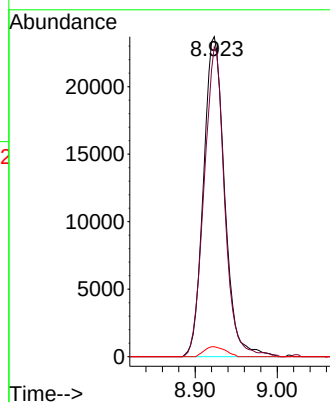
Tgt Ion:107 Resp: 42433

Ion Ratio Lower Upper

107 100

109 96.8 67.8 125.8

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 4.772 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.003 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

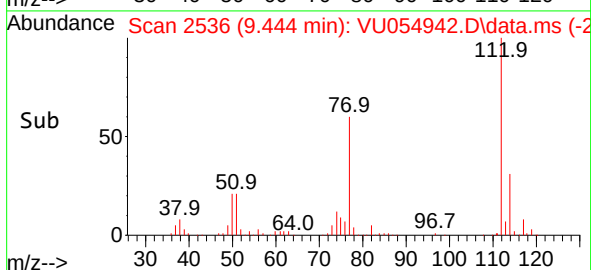
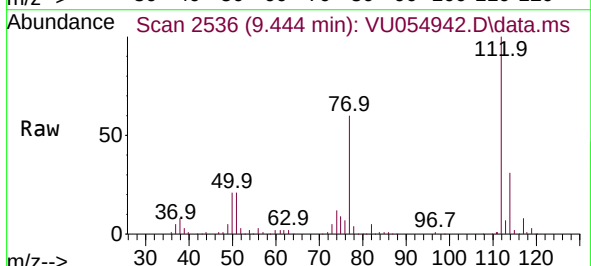
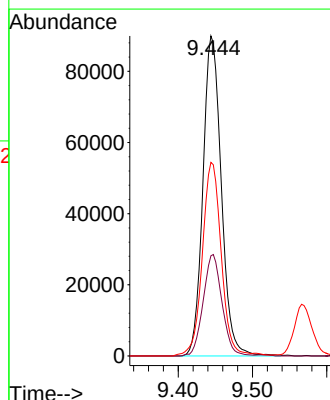
Tgt Ion:112 Resp: 154838

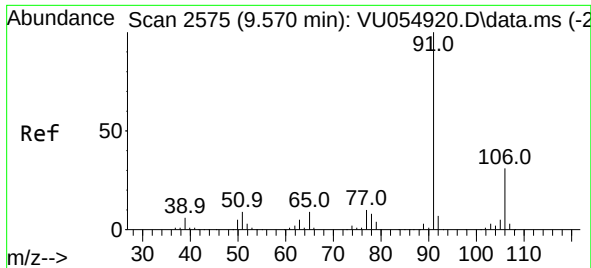
Ion Ratio Lower Upper

112 100

114 31.3 23.4 43.4

77 60.5 49.3 73.9

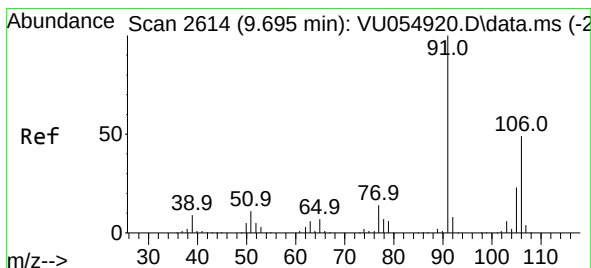
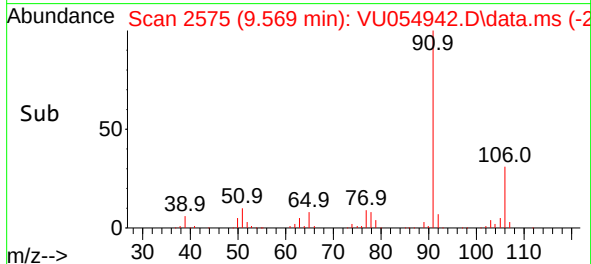
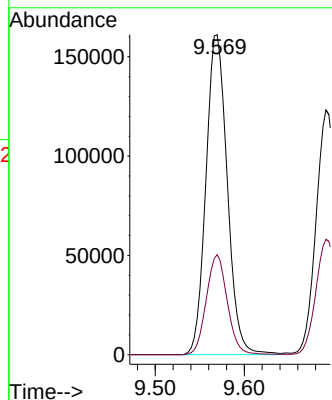
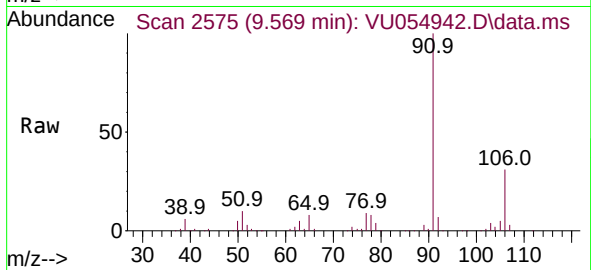




#52
Ethylbenzene
Concen: 4.766 ug/L
RT: 9.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

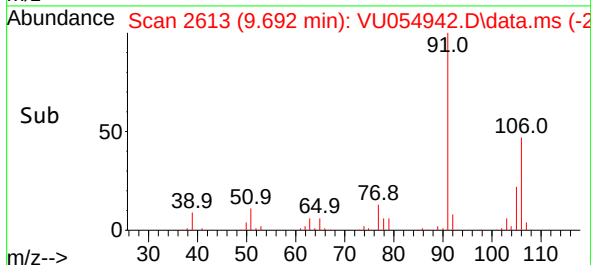
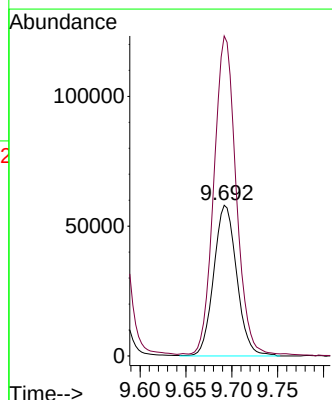
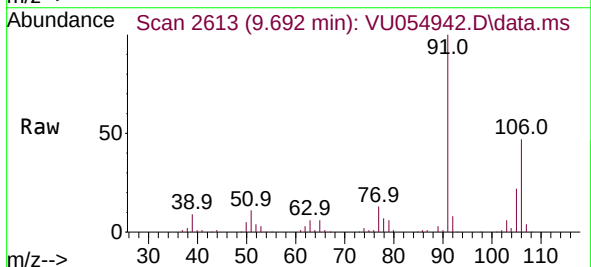
Instrument :
MSVOA_U
ClientSampleId :

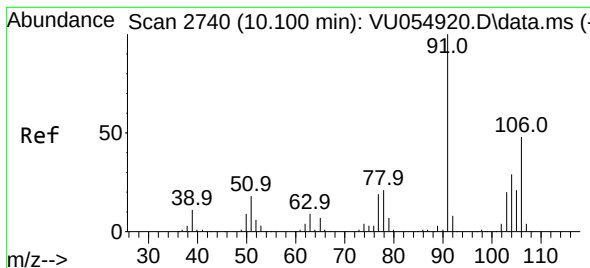
Tgt Ion: 91 Resp: 267964
Ion Ratio Lower Upper
91 100
106 31.2 21.2 39.4



#53
m,p-Xylene
Concen: 4.816 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.003 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion:106 Resp: 101471
Ion Ratio Lower Upper
106 100
91 212.3 147.7 274.3





#54

o-Xylene

Concen: 4.864 ug/L

RT: 10.100 min Scan# 2740

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

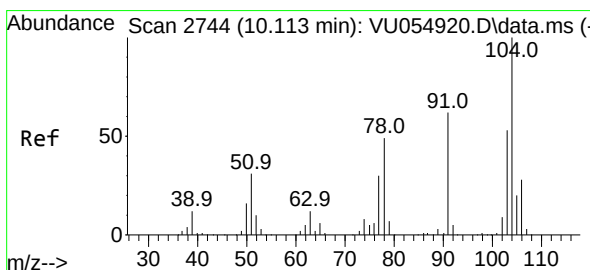
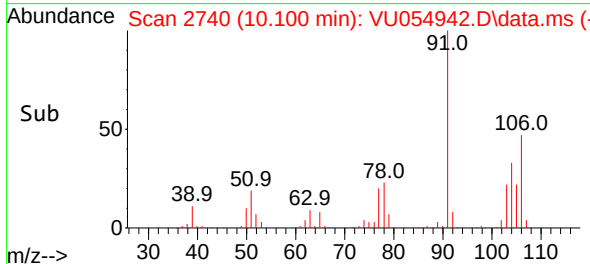
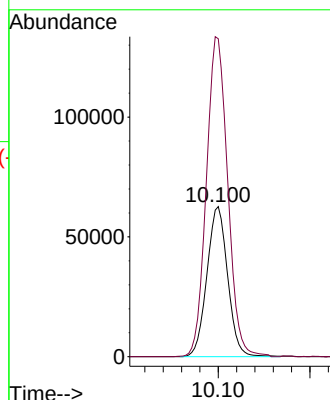
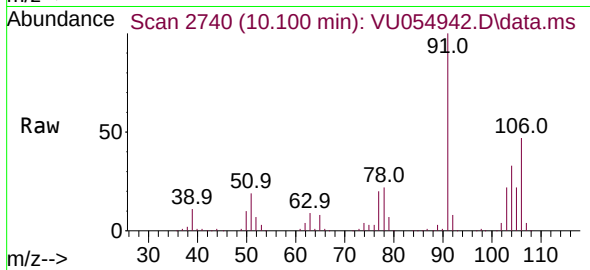
ClientSampleId :

Tgt Ion:106 Resp: 98247

Ion Ratio Lower Upper

106 100

91 211.8 154.2 286.4



#55

Styrene

Concen: 4.909 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU054942.D

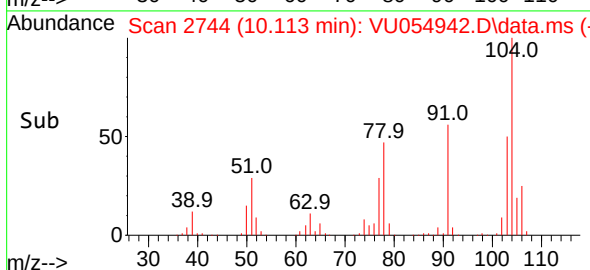
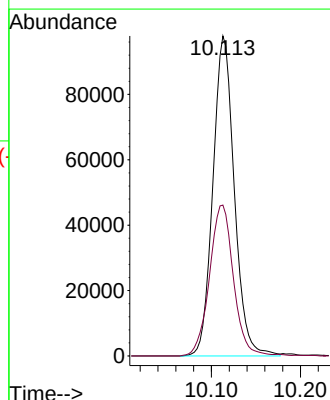
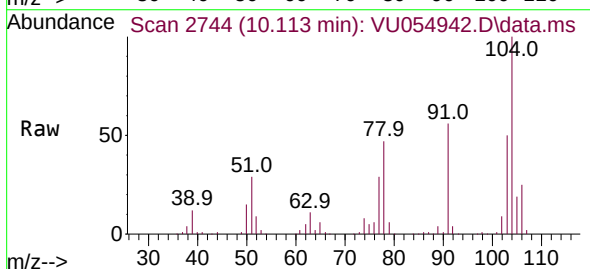
Acq: 28 Aug 2023 22:44

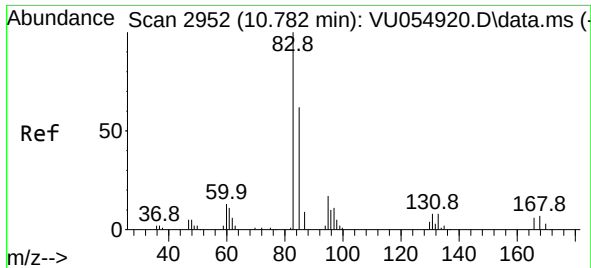
Tgt Ion:104 Resp: 163445

Ion Ratio Lower Upper

104 100

78 47.1 33.7 62.7

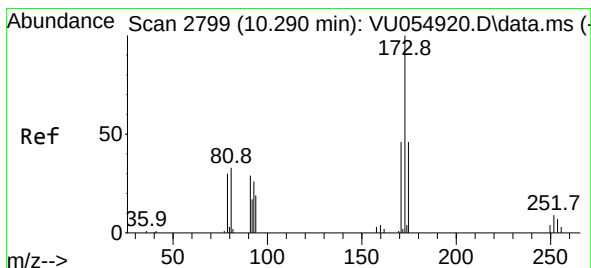
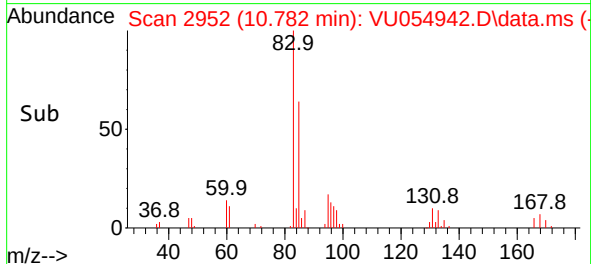
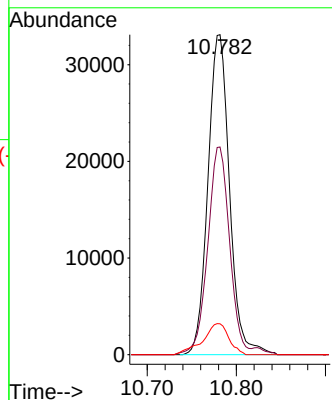
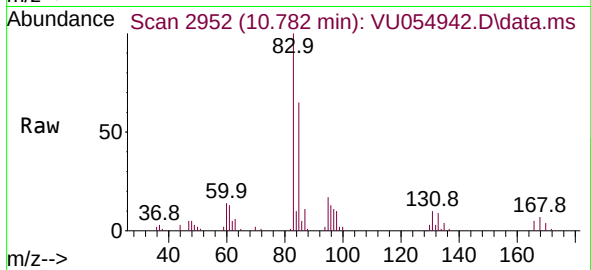




#57
1,1,2,2-Tetrachloroethane
Concen: 5.326 ug/L
RT: 10.782 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

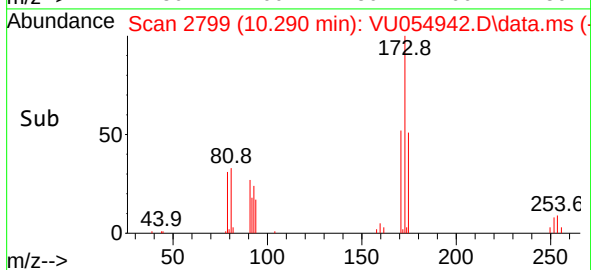
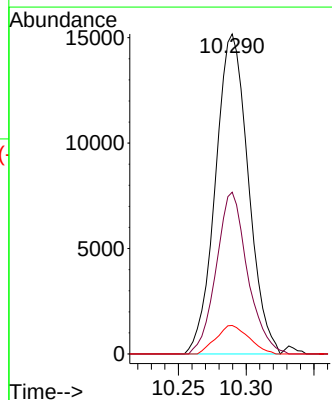
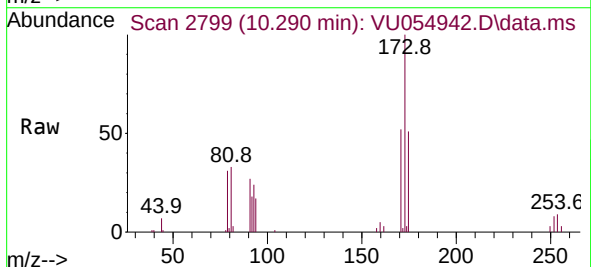
Instrument :
MSVOA_U
ClientSampleId :

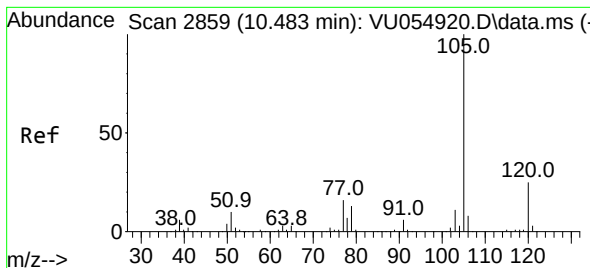
Tgt Ion: 83 Resp: 55683
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.5
131 9.6 7.7 11.5



#59
Bromoform
Concen: 4.868 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion:173 Resp: 25538
Ion Ratio Lower Upper
173 100
175 48.1 40.8 61.2
254 8.9 6.8 10.2





#60

Isopropylbenzene

Concen: 4.705 ug/L

RT: 10.483 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

ClientSampleId :

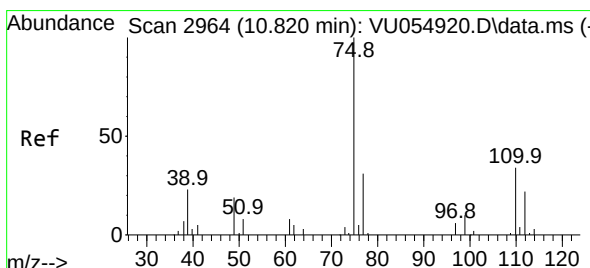
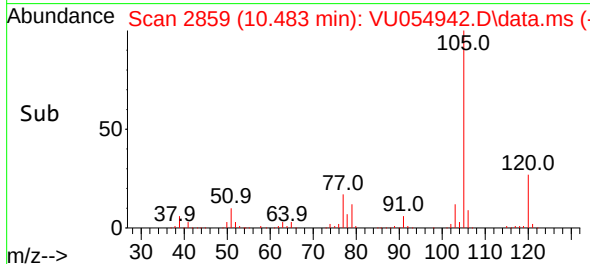
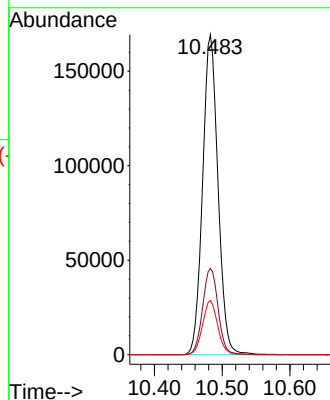
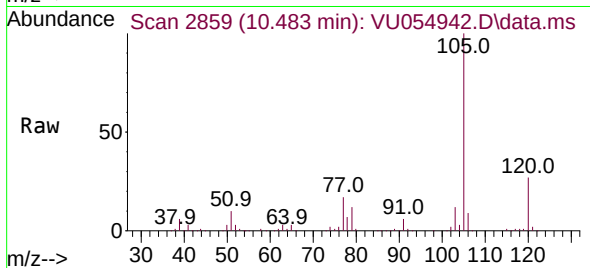
Tgt Ion:105 Resp: 266713

Ion Ratio Lower Upper

105 100

120 27.0 20.8 31.2

77 16.7 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.293 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

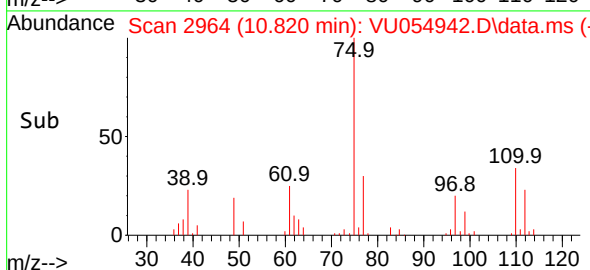
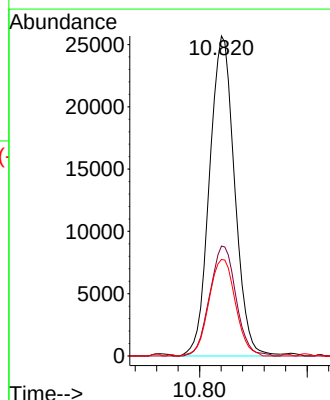
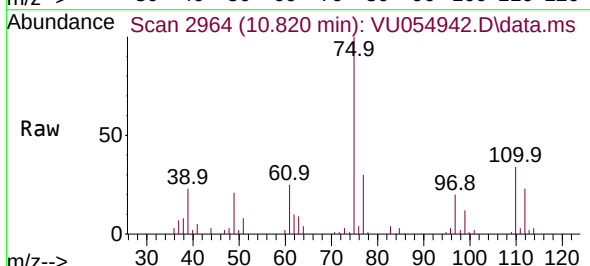
Tgt Ion: 75 Resp: 41618

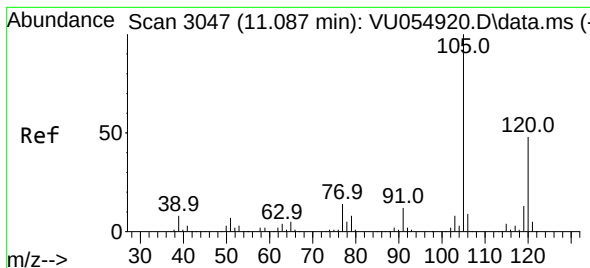
Ion Ratio Lower Upper

75 100

110 35.8 29.0 43.6

77 31.9 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.606 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

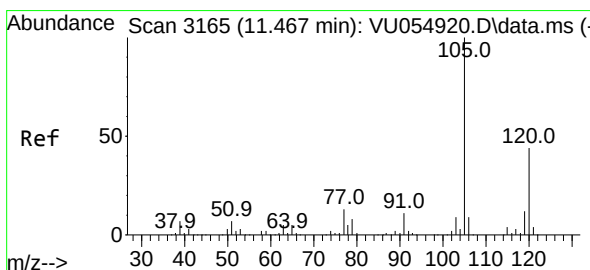
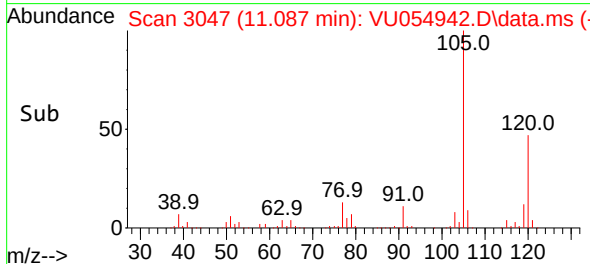
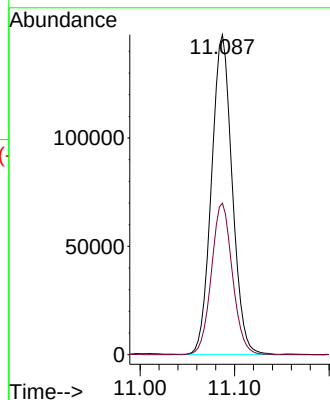
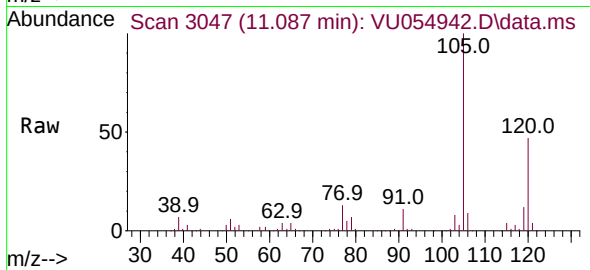
ClientSampleId :

Tgt Ion:105 Resp: 224125

Ion Ratio Lower Upper

105 100

120 48.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 4.771 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VU054942.D

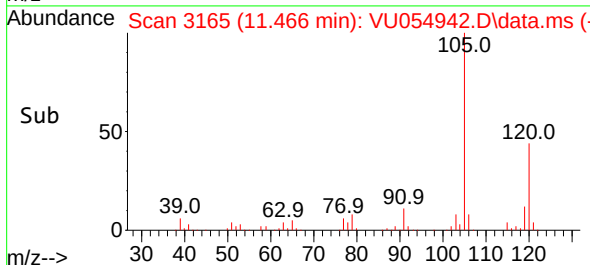
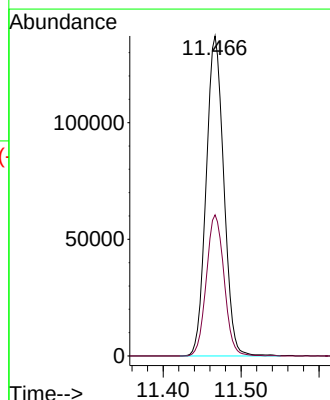
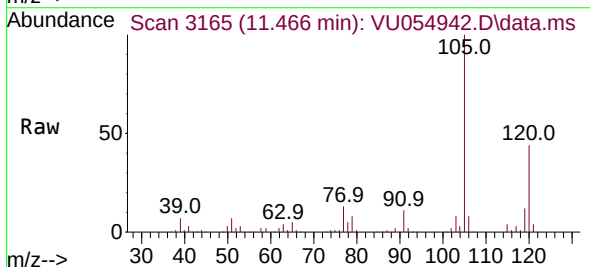
Acq: 28 Aug 2023 22:44

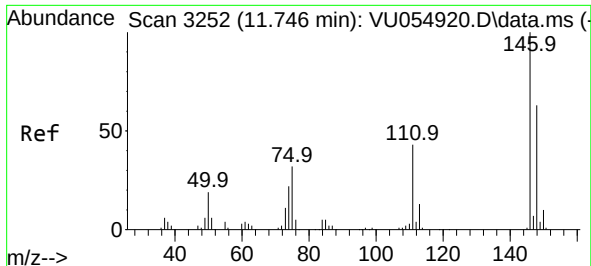
Tgt Ion:105 Resp: 215376

Ion Ratio Lower Upper

105 100

120 44.5 34.3 51.5

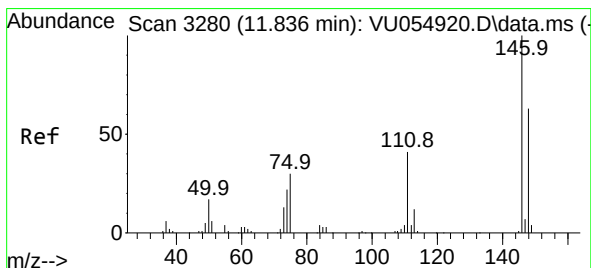
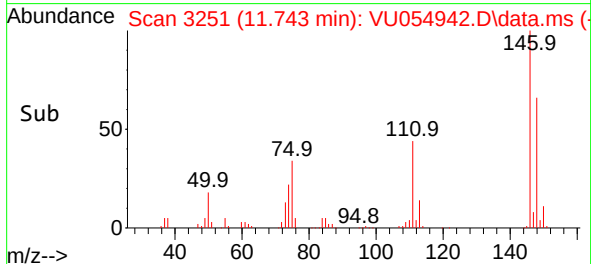
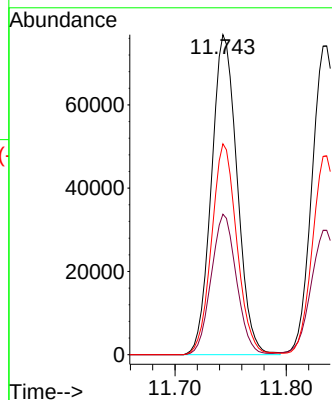
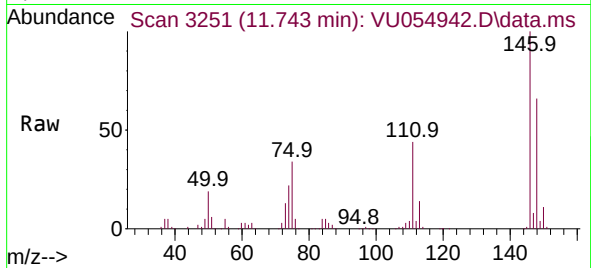




#64
1,3-Dichlorobenzene
Concen: 4.673 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

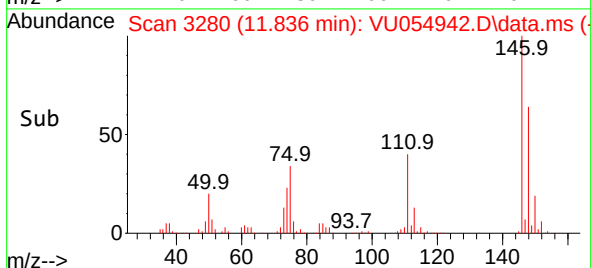
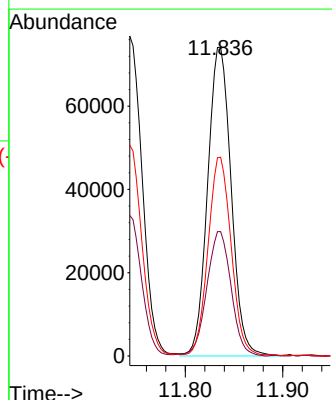
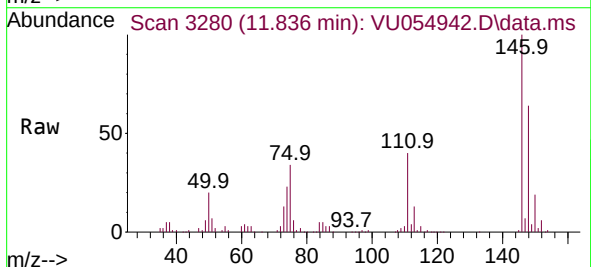
Instrument :
MSVOA_U
ClientSampleId :

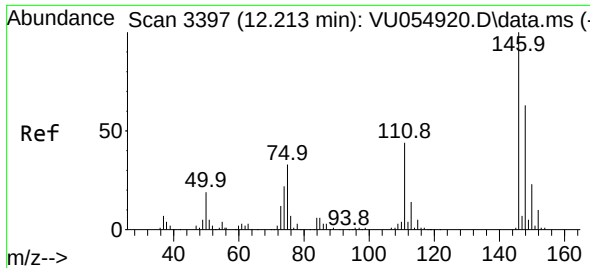
Tgt Ion:146 Resp: 123278
Ion Ratio Lower Upper
146 100
111 43.9 30.4 56.4
148 65.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.713 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VU054942.D
Acq: 28 Aug 2023 22:44

Tgt Ion:146 Resp: 124369
Ion Ratio Lower Upper
146 100
111 40.3 29.9 55.5
148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.868 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

ClientSampleId :

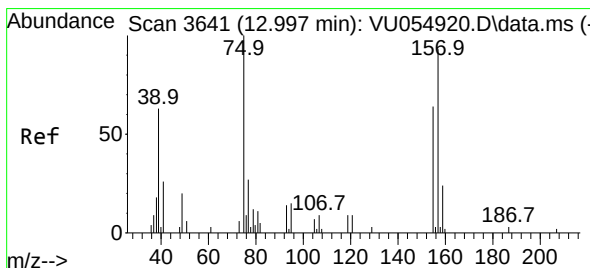
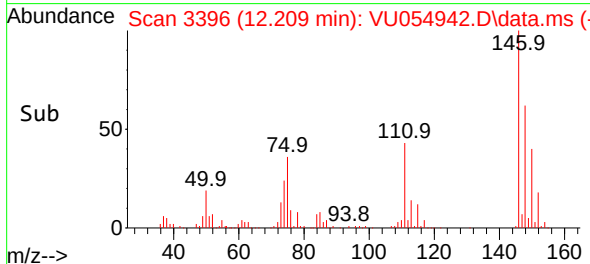
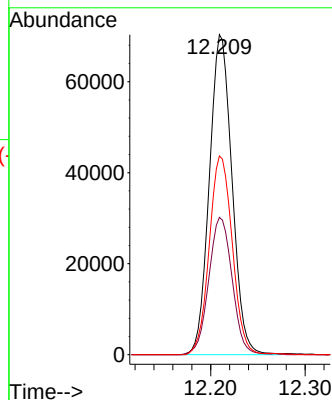
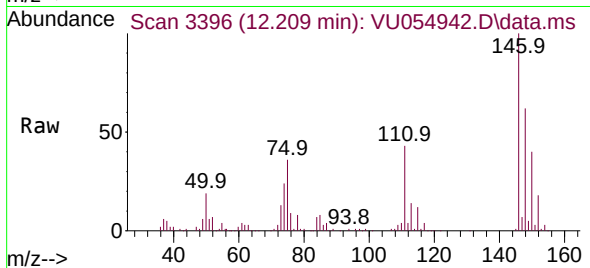
Tgt Ion:146 Resp: 117033

Ion Ratio Lower Upper

146 100

111 42.9 34.9 52.3

148 62.1 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.679 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

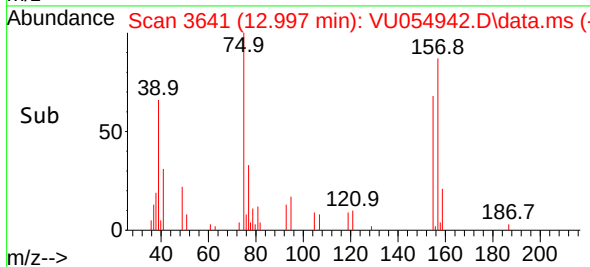
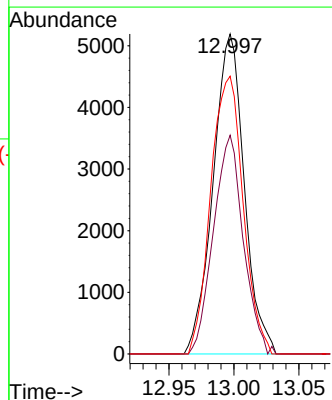
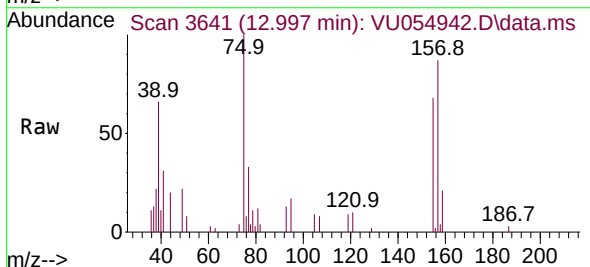
Tgt Ion: 75 Resp: 8651

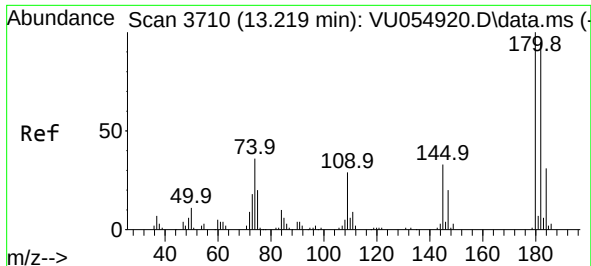
Ion Ratio Lower Upper

75 100

155 68.3 53.3 79.9

157 86.8 69.5 104.3





#69

1,3,5-Trichlorobenzene

Concen: 4.718 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. -0.000 min

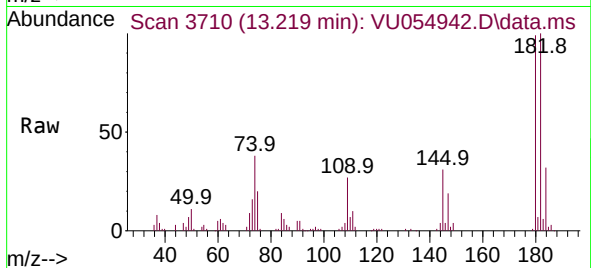
Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 82973

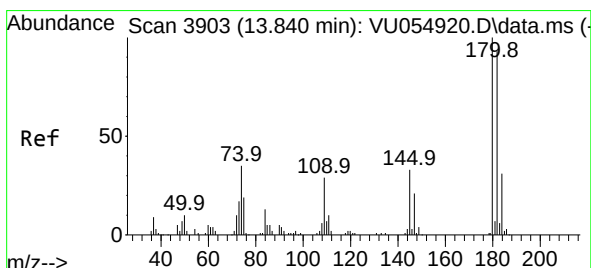
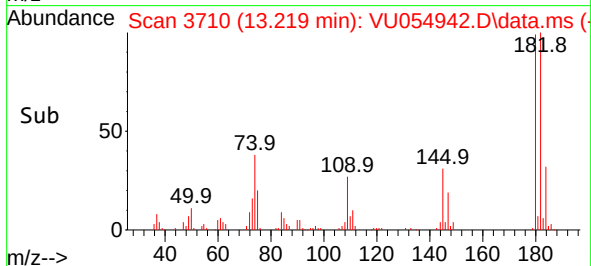
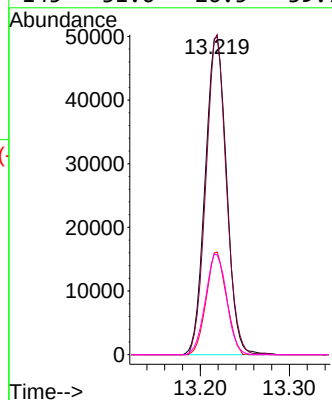
Ion Ratio Lower Upper

180 100

182 96.1 76.6 114.8

184 30.5 23.6 35.4

145 31.6 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 4.727 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

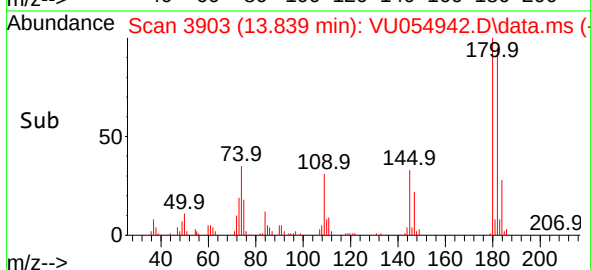
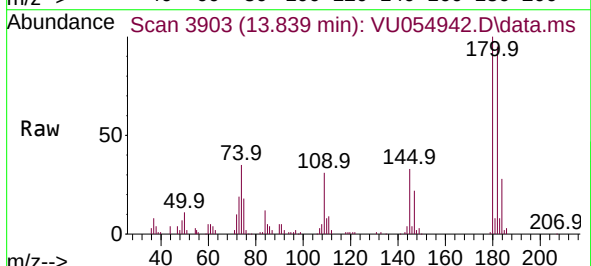
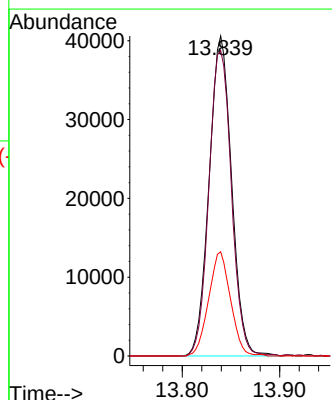
Tgt Ion:180 Resp: 65110

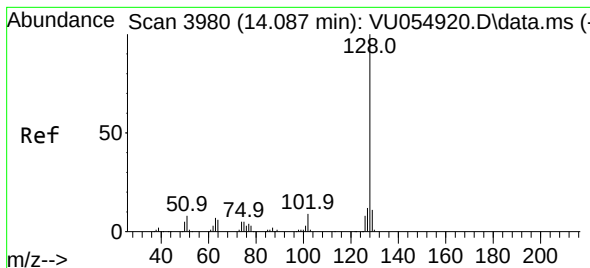
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

145 31.7 25.8 38.8





#71

Naphthalene

Concen: 5.080 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Instrument :

MSVOA_U

ClientSampleId :

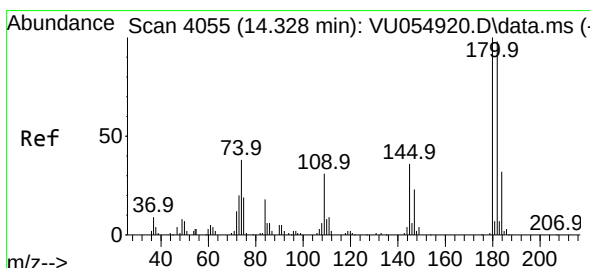
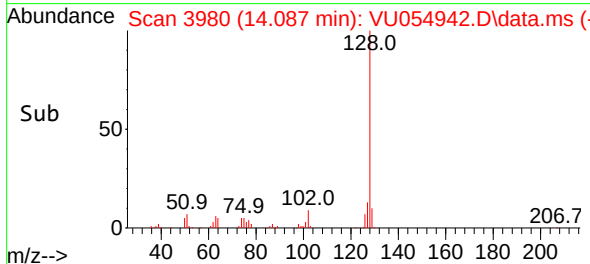
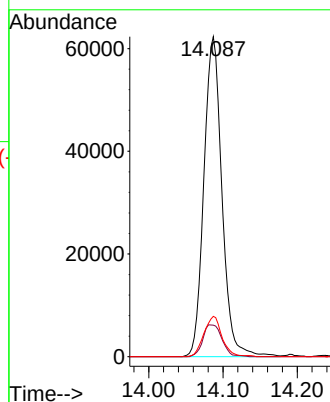
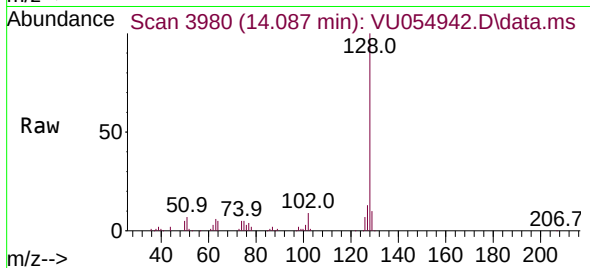
Tgt Ion:128 Resp: 105260

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 12.6 9.3 13.9



#72

1,2,3-Trichlorobenzene

Concen: 5.090 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. -0.000 min

Lab File: VU054942.D

Acq: 28 Aug 2023 22:44

Tgt Ion:180 Resp: 58083

Ion Ratio Lower Upper

180 100

182 95.6 77.7 116.5

145 35.9 28.1 42.1

