

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057829.D
 Acq On : 07 Feb 2024 09:18
 Operator : MD/SY
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 08 01:06:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	264552	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240479	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	10285	5.407	ug/L	0.00
7) Chloroethane-d5	1.911	69	9079	6.152	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	19552	5.025	ug/L	0.00
21) 2-Butanone-d5	4.647	46	7257	7.667	ug/L	0.03
24) Chloroform-d	5.055	84	19107	4.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	11542	4.171	ug/L	0.00
32) Benzene-d6	5.724	84	36242	5.434	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	11348	5.860	ug/L	0.00
41) Toluene-d8	7.894	98	32257	5.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	5256	4.779	ug/L	0.00
47) 2-Hexanone-d5	8.640	63	8024	12.052	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	14349	5.133	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	10806	4.818	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11614	3.965	ug/L	98
3) Chloromethane	1.518	50	11092	5.592	ug/L	100
5) Vinyl chloride	1.605	62	11589	5.461	ug/L	98
6) Bromomethane	1.856	94	7278	5.213	ug/L	97
8) Chloroethane	1.930	64	7468	5.951	ug/L	94
9) Trichlorofluoromethane	2.129	101	15829	3.872	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	9503	4.630	ug/L	98
12) 1,1-Dichloroethene	2.573	96	8817	4.864	ug/L	97
13) Acetone	2.634	43	16936	14.380	ug/L	100
14) Carbon disulfide	2.788	76	26409	4.703	ug/L	96
15) Methyl Acetate	2.952	43	9755	6.424	ug/L	91
16) Methylene chloride	3.042	84	10451	5.069	ug/L	96
17) trans-1,2-Dichloroethene	3.348	96	8709	4.712	ug/L	94
18) Methyl tert-butyl Ether	3.357	73	30859	5.145	ug/L	99
19) 1,1-Dichloroethane	3.859	63	16945	4.867	ug/L	97
20) cis-1,2-Dichloroethene	4.663	96	10357	5.167	ug/L	94
22) 2-Butanone	4.721	43	14877	12.531	ug/L	95
23) Bromochloromethane	4.968	128	4929	4.404	ug/L	85
25) Chloroform	5.081	83	17978	4.399	ug/L	96
27) 1,2-Dichloroethane	5.791	62	14826	4.362	ug/L	99
29) Cyclohexane	5.377	56	15586	6.249	ug/L	99
30) 1,1,1-Trichloroethane	5.312	97	15719	4.318	ug/L	97
31) Carbon tetrachloride	5.521	117	13455	4.193	ug/L	97
33) Benzene	5.769	78	37472	5.316	ug/L	100
34) Trichloroethene	6.541	95	10229	5.029	ug/L	94
35) Methylcyclohexane	6.756	83	16188	5.669	ug/L	99
37) 1,2-Dichloropropane	6.785	63	10482	5.875	ug/L	# 95
38) Bromodichloromethane	7.100	83	12788	4.506	ug/L	93
39) cis-1,3-Dichloropropene	7.605	75	15987	5.230	ug/L	95
40) 4-Methyl-2-pentanone	7.791	43	24001	12.574	ug/L	99
42) Toluene	7.965	91	38778	5.164	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	14464	4.814	ug/L	99

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 ALS Vial : 2 Sample Multiplier: 1

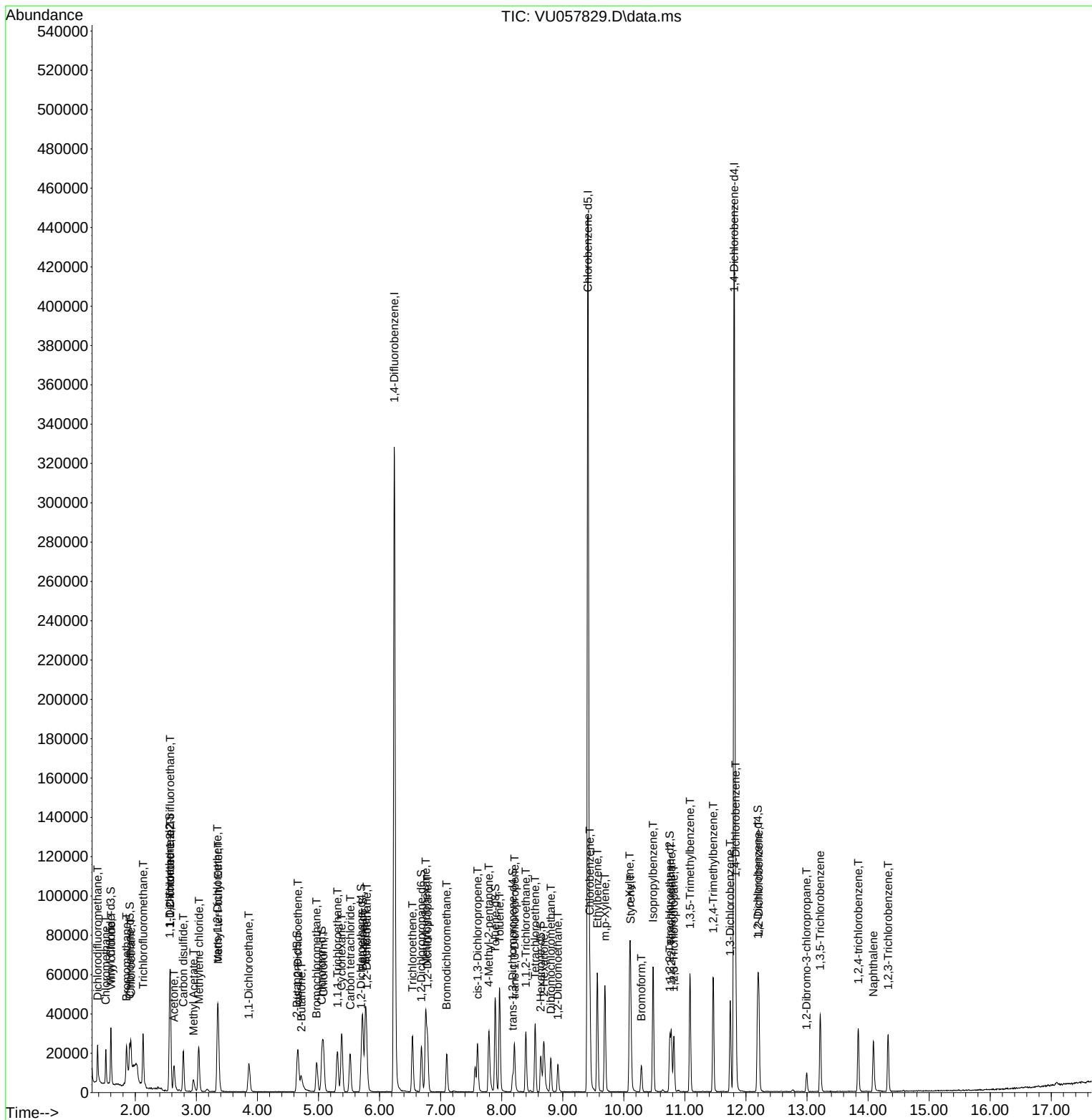
Instrument :
 MSVOA_U
 ClientSampleId :

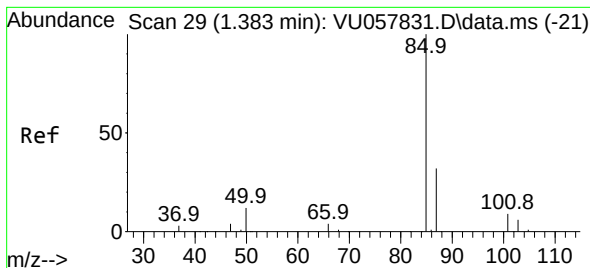
Quant Time: Feb 08 01:06:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	9618	5.104	ug/L	98
46) Tetrachloroethene	8.550	164	7045	4.675	ug/L	95
48) 2-Hexanone	8.692	43	19089	12.171	ug/L	92
49) Dibromochloromethane	8.804	129	9255	4.167	ug/L	92
50) 1,2-Dibromoethane	8.920	107	9926	4.959	ug/L #	98
51) Chlorobenzene	9.444	112	24566	4.907	ug/L	93
52) Ethylbenzene	9.566	91	44128	5.266	ug/L	96
53) m,p-Xylene	9.692	106	15394	4.915	ug/L	97
54) o-Xylene	10.097	106	15185	4.979	ug/L	98
55) Styrene	10.113	104	23599	4.590	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	14340	4.960	ug/L #	97
59) Bromoform	10.286	173	6215	3.873	ug/L #	96
60) 1,2,3-Trichloropropane	10.820	75	12190	5.491	ug/L	98
61) Isopropylbenzene	10.479	105	41077	5.369	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	33050	5.056	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	32928	5.134	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	17866	5.008	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	18858	5.140	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	18436	5.129	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	2863	4.828	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	11590	4.519	ug/L	93
70) 1,2,4-trichlorobenzene	13.839	180	9747	4.886	ug/L	99
71) Naphthalene	14.087	128	24010	5.022	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	9048	4.849	ug/L	97

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

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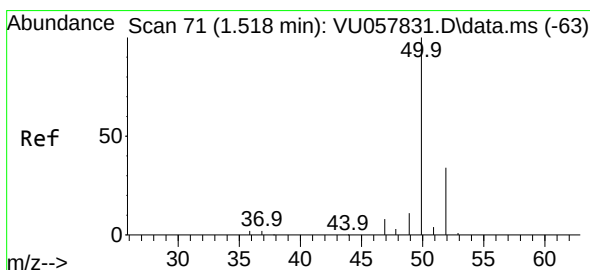
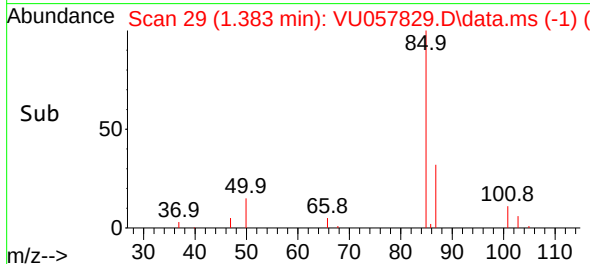
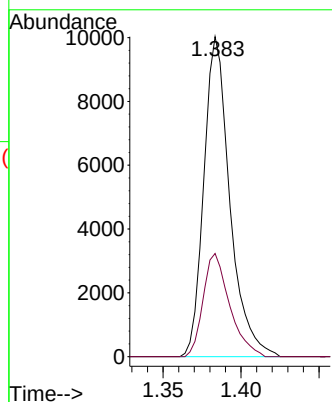
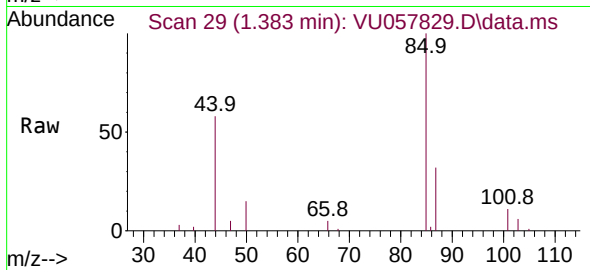




#2
 Dichlorodifluoromethane
 Concen: 3.965 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057829.D
 Acq: 07 Feb 2024 09:18

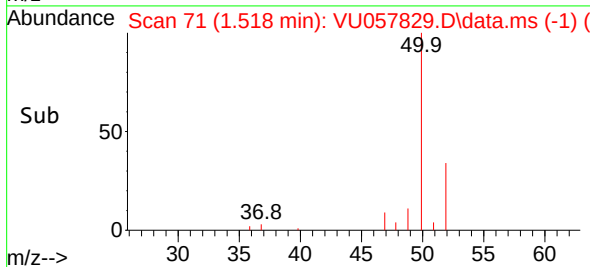
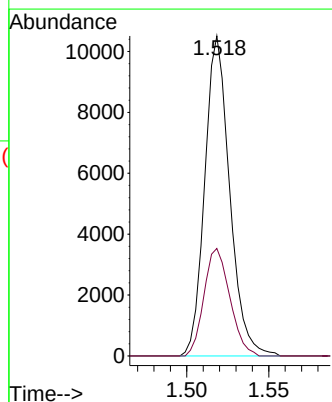
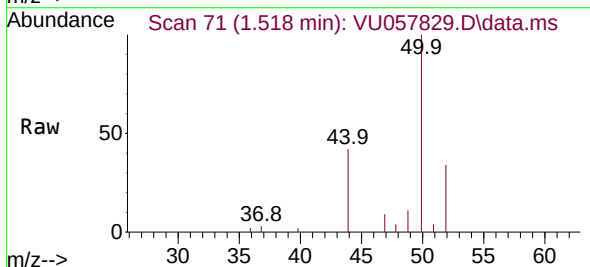
Instrument :
 MSVOA_U
 ClientSampleId :

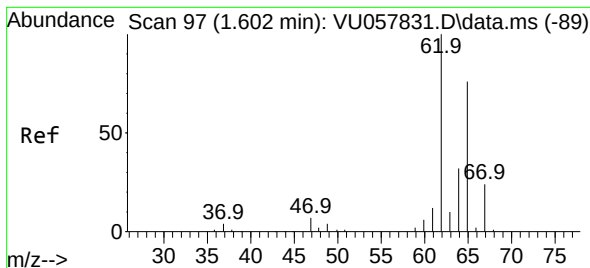
Tgt Ion: 85 Resp: 11614
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.4 38.0



#3
 Chloromethane
 Concen: 5.592 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057829.D
 Acq: 07 Feb 2024 09:18

Tgt Ion: 50 Resp: 11092
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9





#5

Vinyl chloride

Concen: 5.461 ug/L

RT: 1.605 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

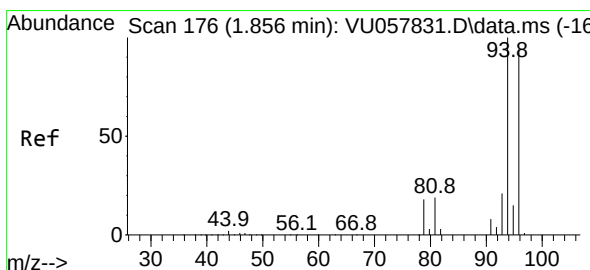
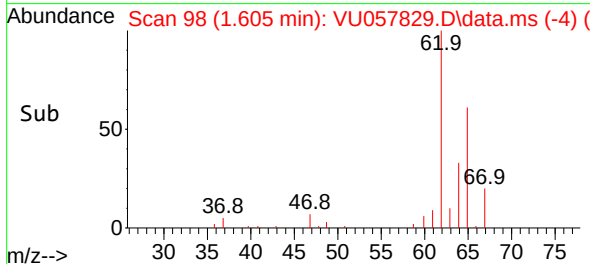
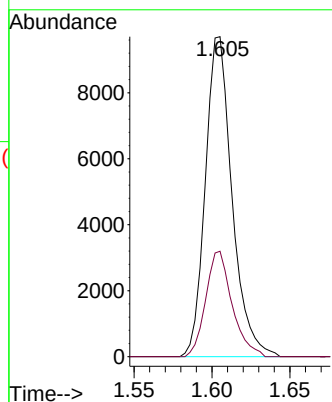
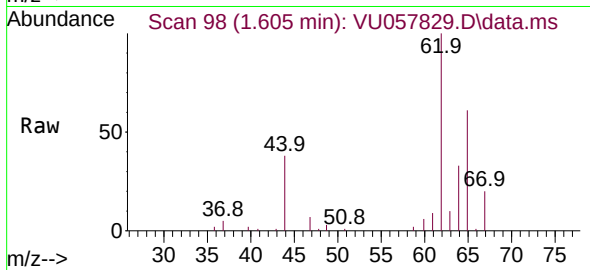
ClientSampleId :

Tgt Ion: 62 Resp: 11589

Ion Ratio Lower Upper

62 100

64 32.9 22.1 41.1



#6

Bromomethane

Concen: 5.213 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU057829.D

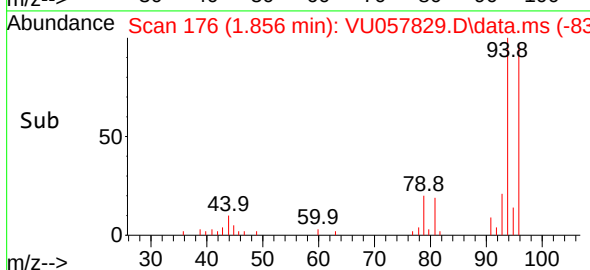
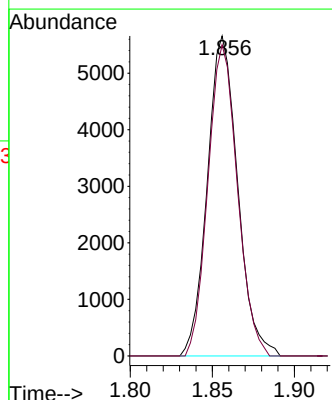
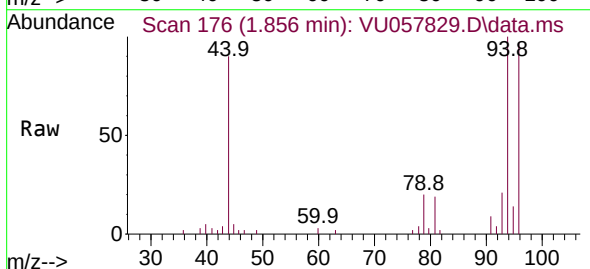
Acq: 07 Feb 2024 09:18

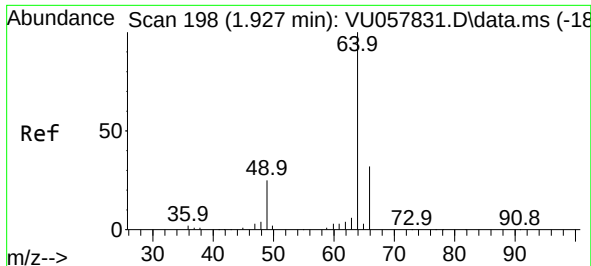
Tgt Ion: 94 Resp: 7278

Ion Ratio Lower Upper

94 100

96 97.3 66.0 122.6





#8

Chloroethane

Concen: 5.951 ug/L

RT: 1.930 min Scan# 19

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

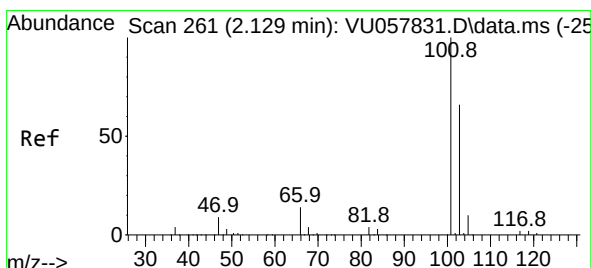
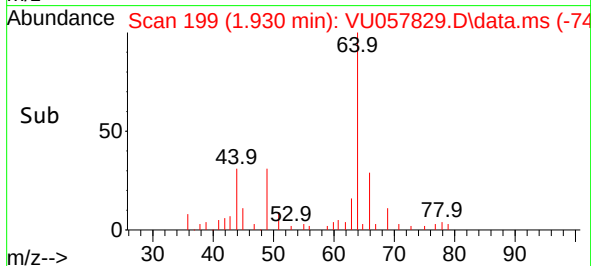
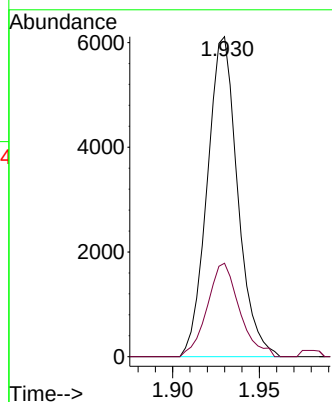
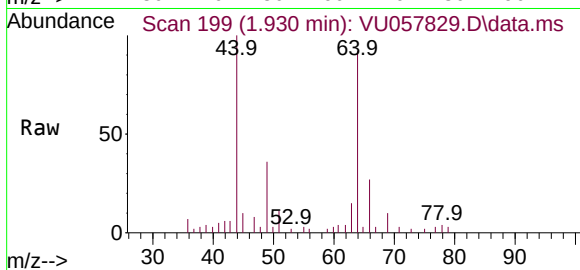
ClientSampleId :

Tgt Ion: 64 Resp: 7468

Ion Ratio Lower Upper

64 100

66 28.3 22.1 41.1



#9

Trichlorofluoromethane

Concen: 3.872 ug/L

RT: 2.129 min Scan# 261

Delta R.T. -0.000 min

Lab File: VU057829.D

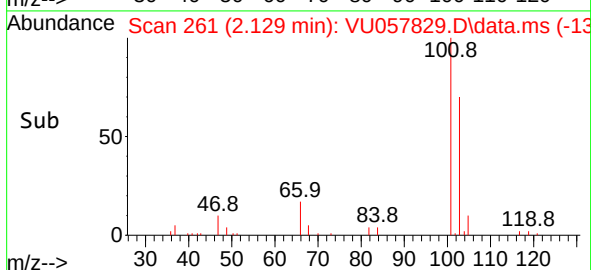
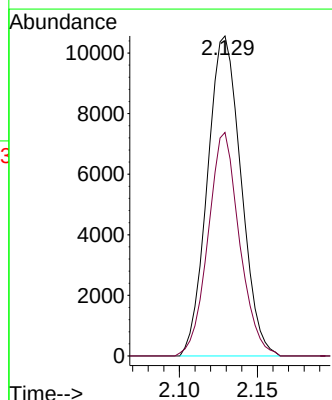
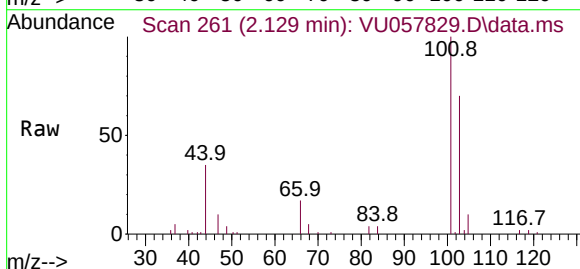
Acq: 07 Feb 2024 09:18

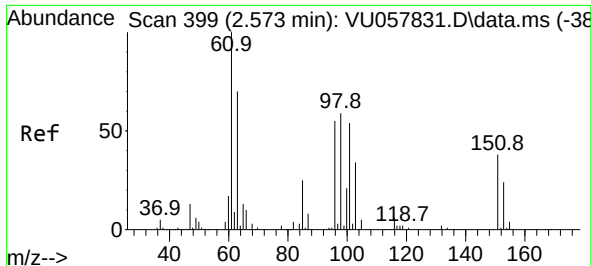
Tgt Ion:101 Resp: 15829

Ion Ratio Lower Upper

101 100

103 65.3 52.4 78.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.630 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU057829.D

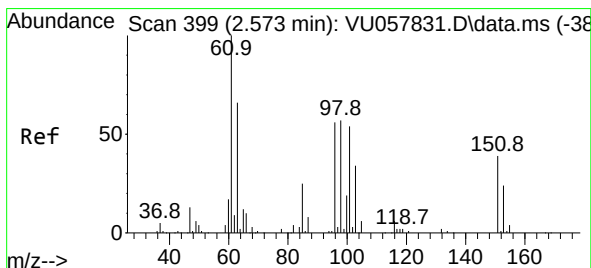
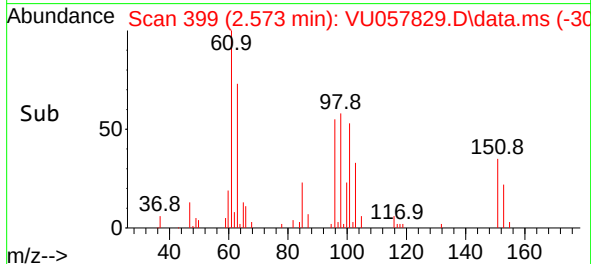
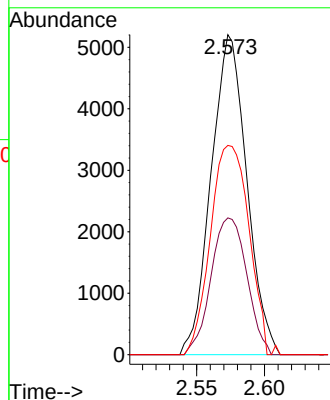
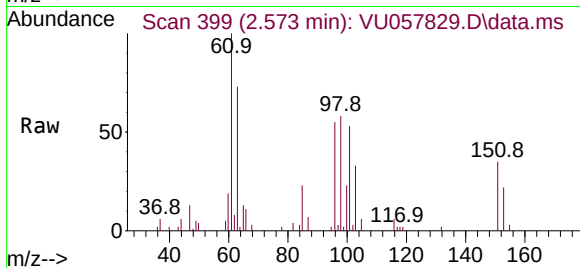
Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	9503
Ion	Ratio	Lower	Upper
101	100		
85	43.1	36.1	54.1
151	70.7	55.8	83.6



#12

1,1-Dichloroethene

Concen: 4.864 ug/L

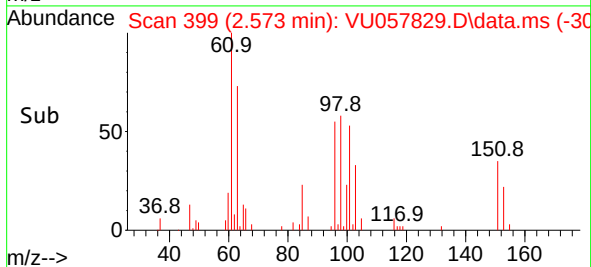
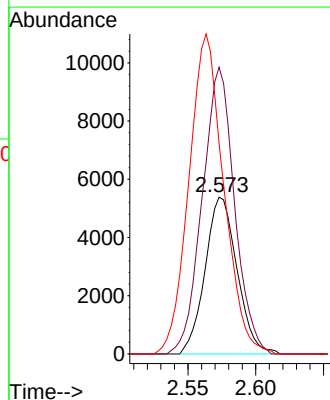
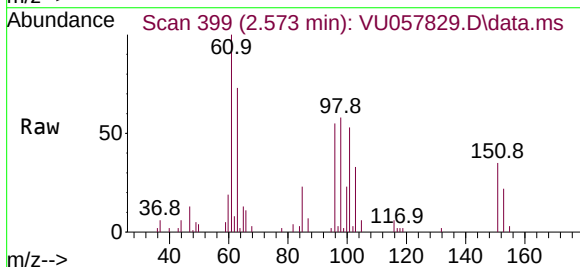
RT: 2.573 min Scan# 399

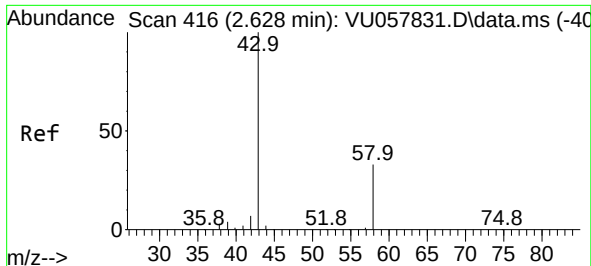
Delta R.T. -0.000 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Tgt Ion:	96	Resp:	8817
Ion	Ratio	Lower	Upper
96	100		
61	182.8	126.3	234.6
63	134.3	89.7	166.7





#13

Acetone

Concen: 14.380 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

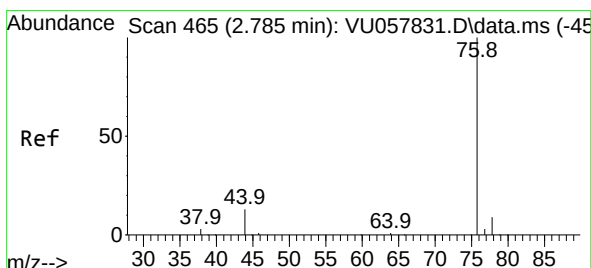
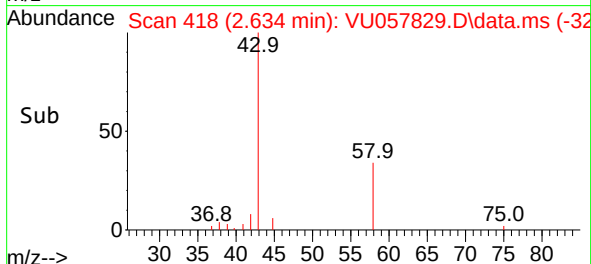
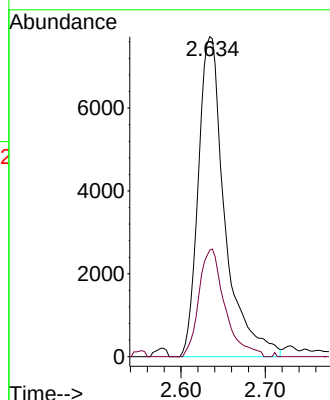
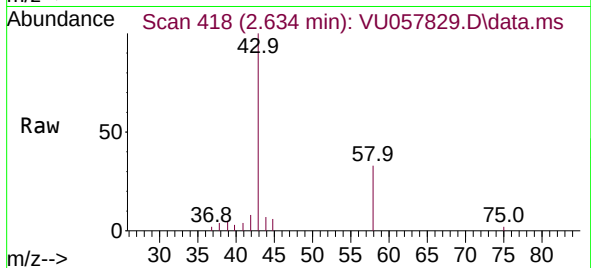
ClientSampleId :

Tgt Ion: 43 Resp: 16936

Ion Ratio Lower Upper

43 100

58 32.8 0.0 65.8



#14

Carbon disulfide

Concen: 4.703 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU057829.D

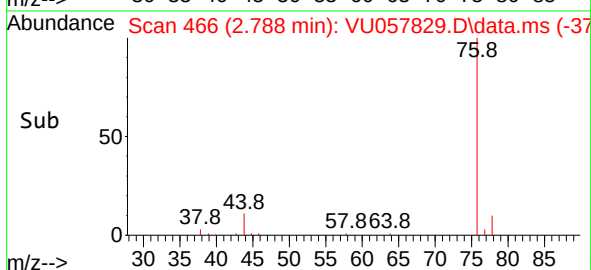
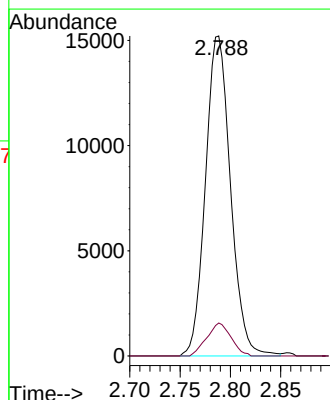
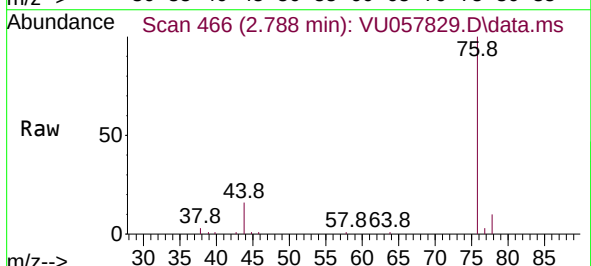
Acq: 07 Feb 2024 09:18

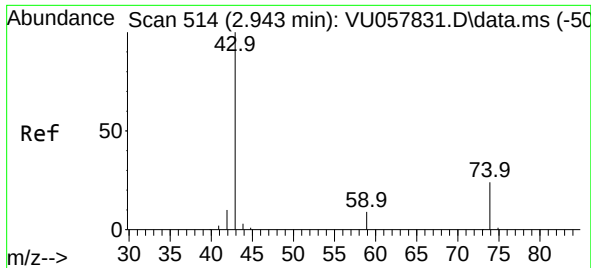
Tgt Ion: 76 Resp: 26409

Ion Ratio Lower Upper

76 100

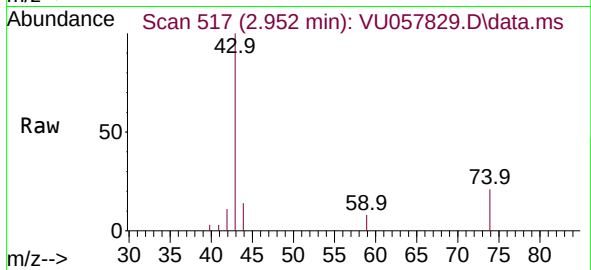
78 10.3 7.2 10.8



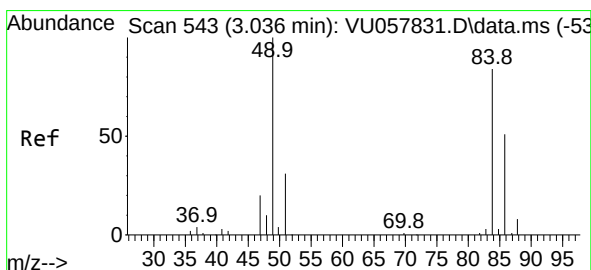
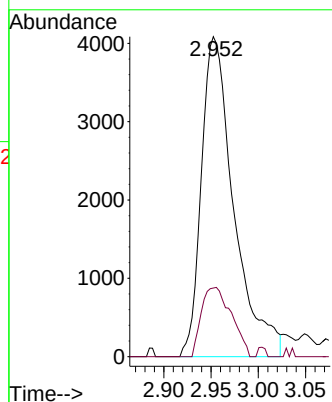
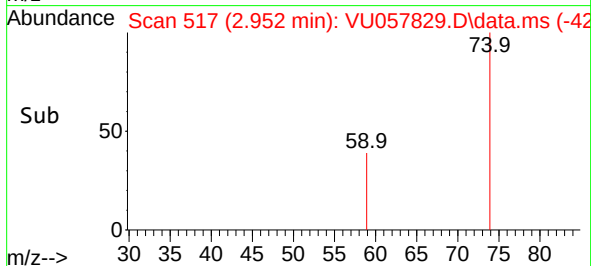


#15
Methyl Acetate
Concen: 6.424 ug/L
RT: 2.952 min Scan# 514
Delta R.T. 0.010 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Instrument :
MSVOA_U
ClientSampleId :

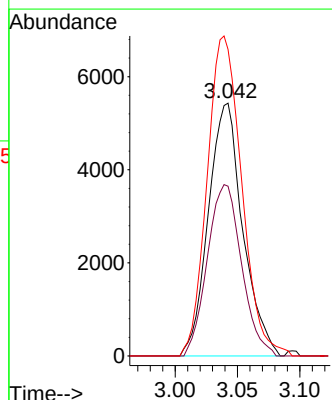
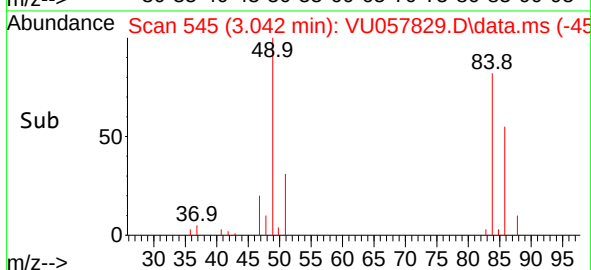
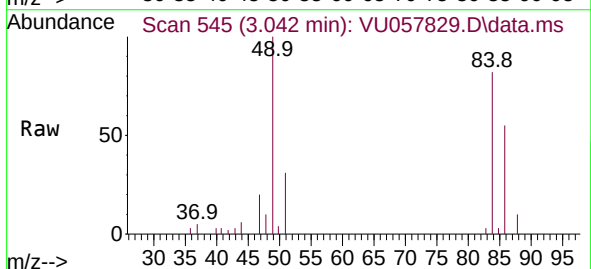


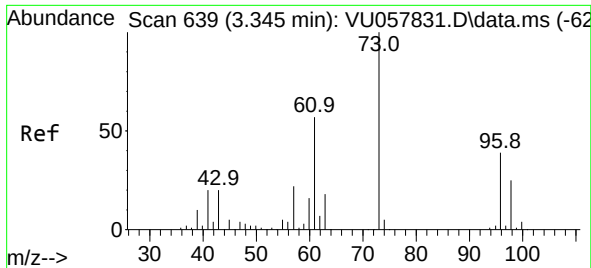
Tgt Ion: 43 Resp: 9755
Ion Ratio Lower Upper
43 100
74 20.0 19.7 29.5



#16
Methylene chloride
Concen: 5.069 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.006 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion: 84 Resp: 10451
Ion Ratio Lower Upper
84 100
86 67.2 43.0 80.0
49 121.2 83.7 155.4

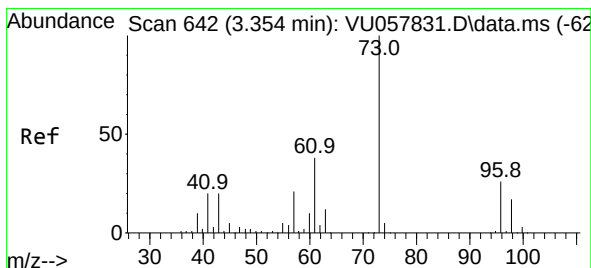
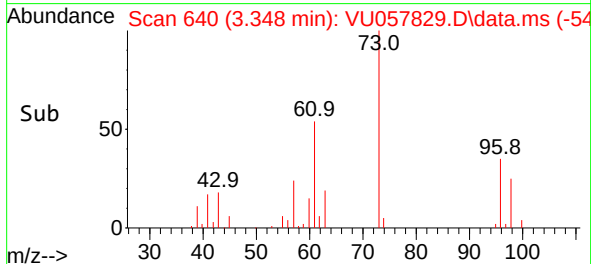
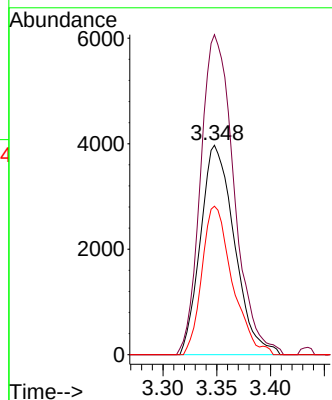
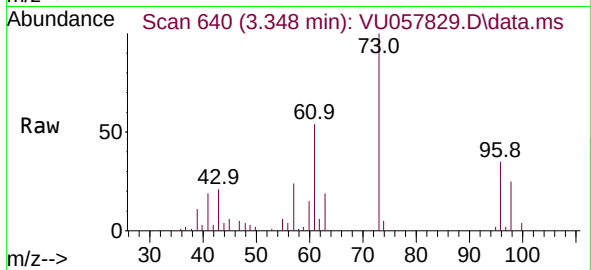




#17
 trans-1,2-Dichloroethene
 Concen: 4.712 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.003 min
 Lab File: VU057829.D
 Acq: 07 Feb 2024 09:18

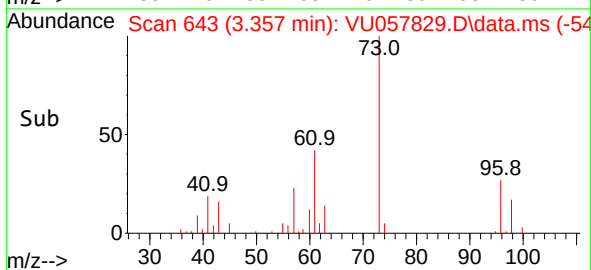
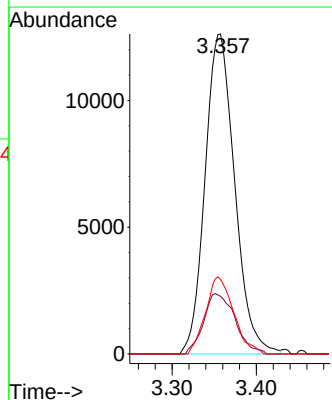
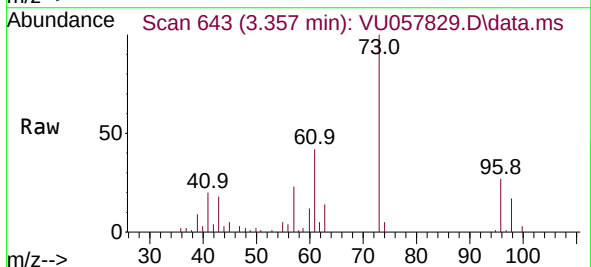
Instrument :
 MSVOA_U
 ClientSampleId :

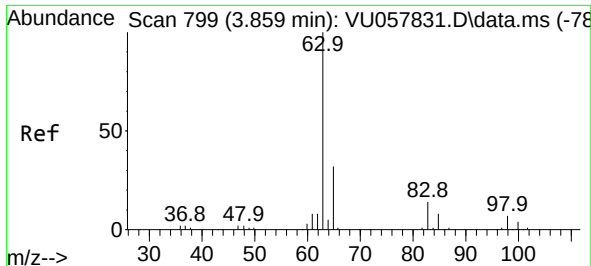
Tgt Ion: 96 Resp: 8709
 Ion Ratio Lower Upper
 96 100
 61 152.8 102.8 190.8
 98 70.9 44.2 82.2



#18
 Methyl tert-butyl Ether
 Concen: 5.145 ug/L
 RT: 3.357 min Scan# 643
 Delta R.T. 0.003 min
 Lab File: VU057829.D
 Acq: 07 Feb 2024 09:18

Tgt Ion: 73 Resp: 30859
 Ion Ratio Lower Upper
 73 100
 43 20.0 16.2 24.2
 57 22.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 4.867 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057829.D

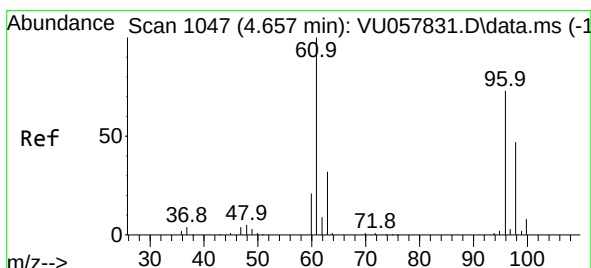
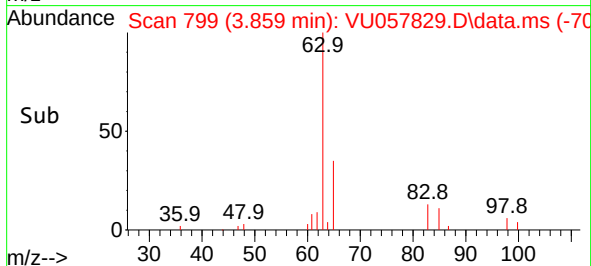
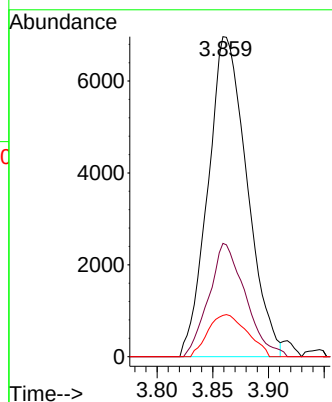
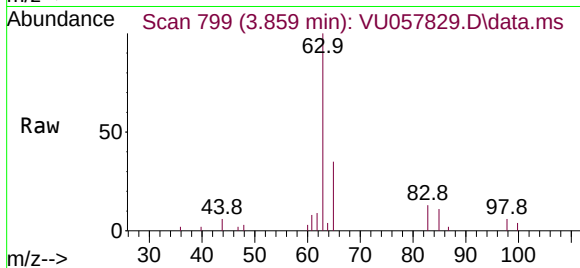
Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	16945
Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.7	42.3
83	12.3	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 5.167 ug/L

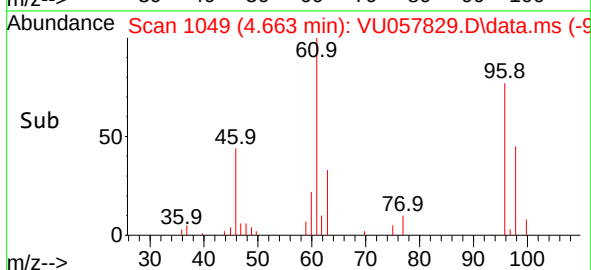
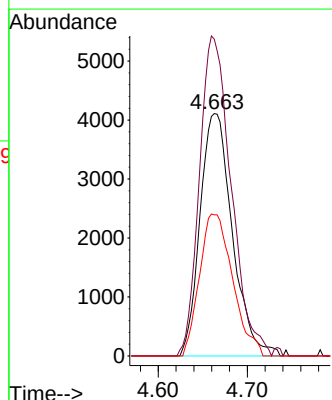
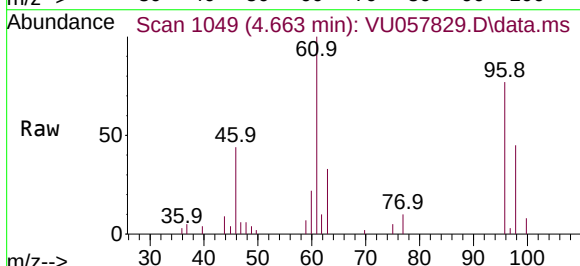
RT: 4.663 min Scan# 1049

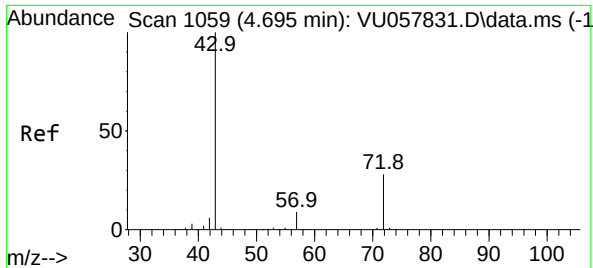
Delta R.T. 0.006 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Tgt Ion:	96	Resp:	10357
Ion	Ratio	Lower	Upper
96	100		
61	130.7	95.7	177.7
98	58.2	45.2	84.0





#22

2-Butanone

Concen: 12.531 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.026 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

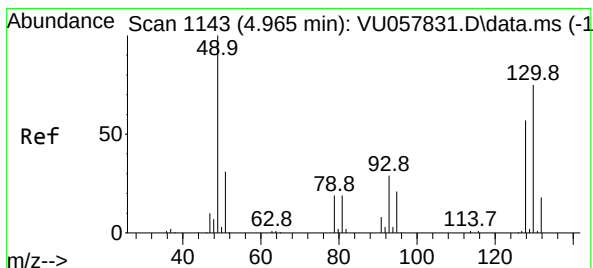
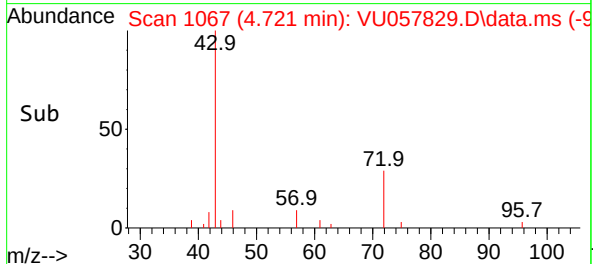
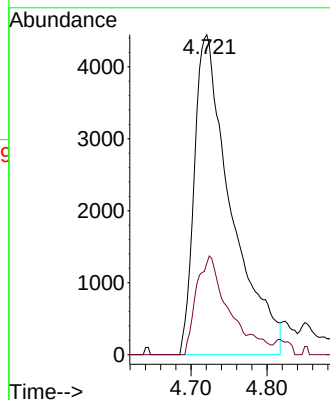
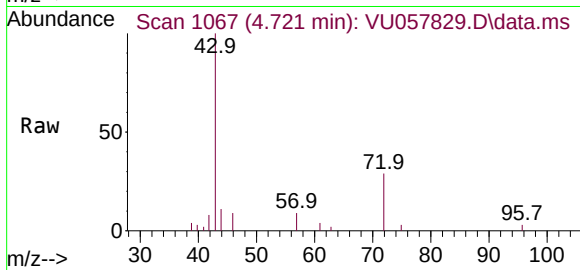
ClientSampleId :

Tgt Ion: 43 Resp: 14877

Ion Ratio Lower Upper

43 100

72 24.8 13.8 41.3



#23

Bromochloromethane

Concen: 4.404 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Tgt Ion: 128 Resp: 4929

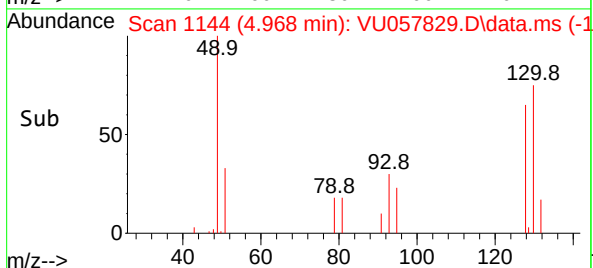
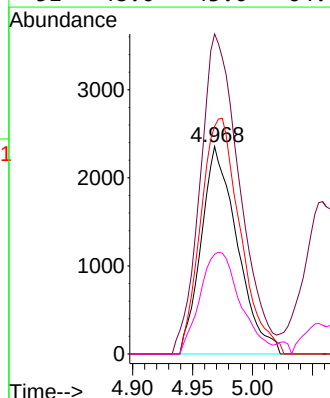
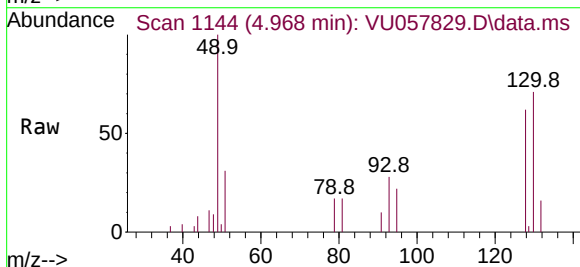
Ion Ratio Lower Upper

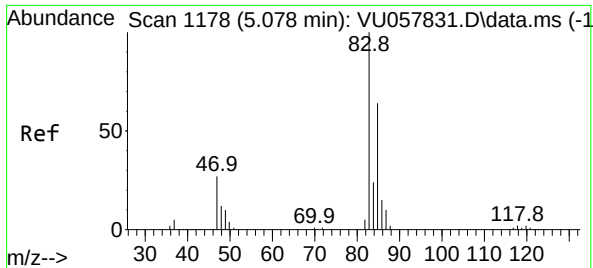
128 100

49 154.2 122.4 227.2

130 109.6 91.8 170.4

51 48.0 43.0 64.6

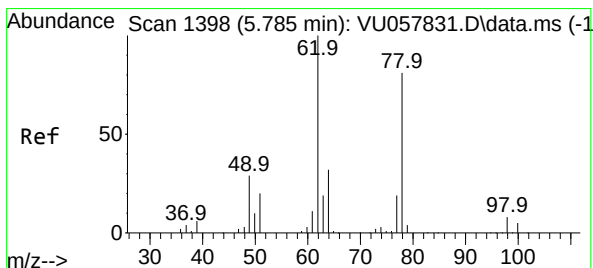
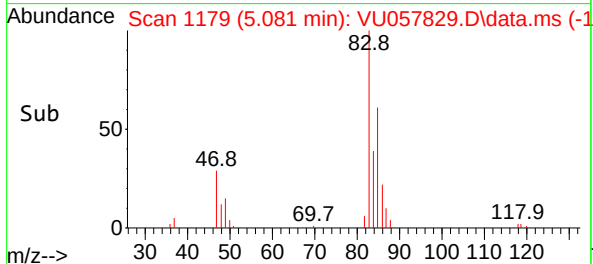
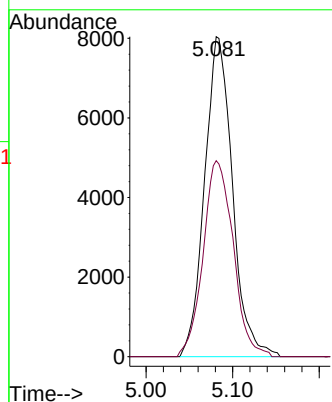
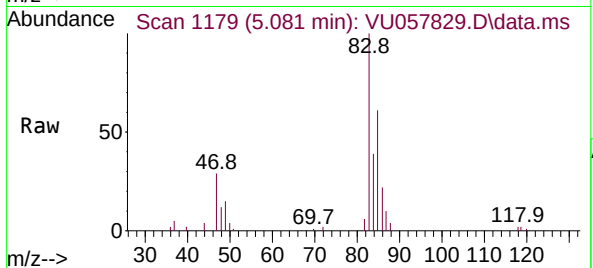




#25
Chloroform
Concen: 4.399 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

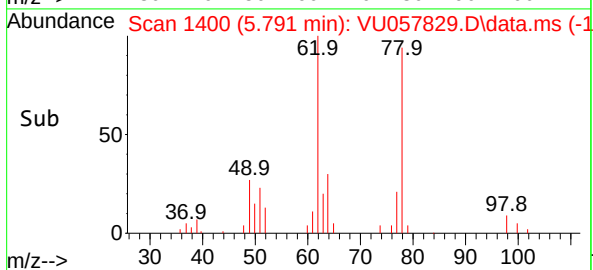
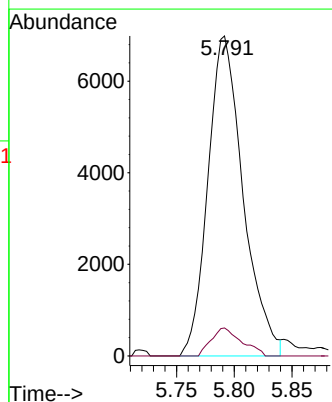
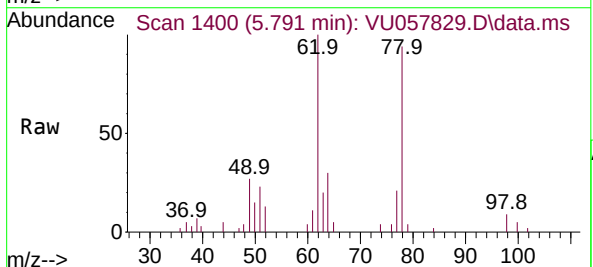
Instrument :
MSVOA_U
ClientSampleId :

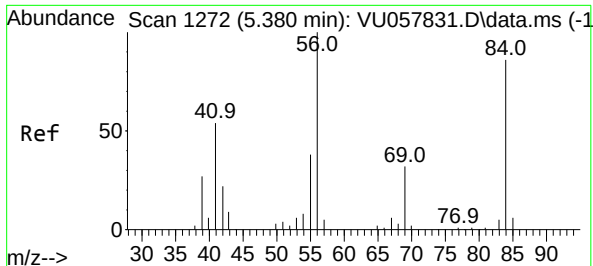
Tgt Ion: 83 Resp: 17978
Ion Ratio Lower Upper
83 100
85 61.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 4.362 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion: 62 Resp: 14826
Ion Ratio Lower Upper
62 100
98 8.8 6.7 10.1





#29

Cyclohexane

Concen: 6.249 ug/L

RT: 5.377 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

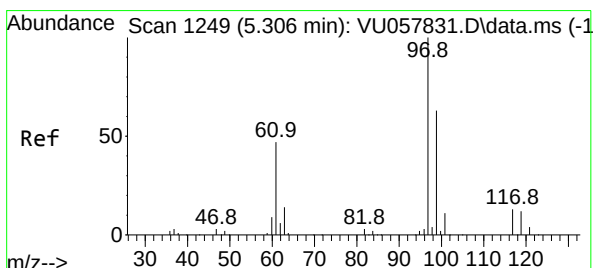
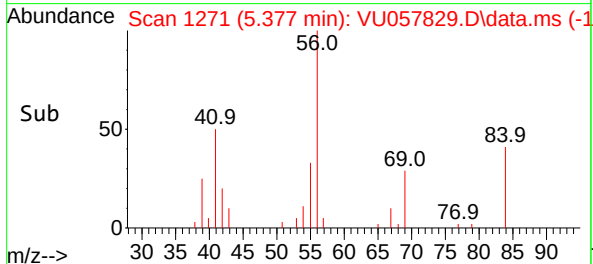
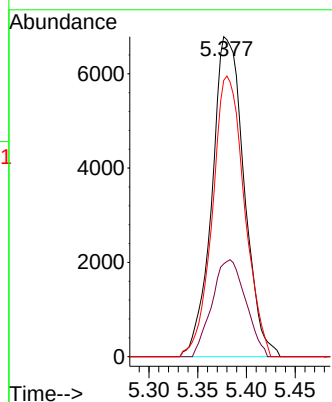
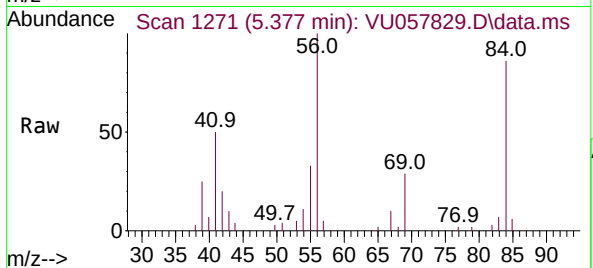
Tgt Ion: 56 Resp: 15586

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 87.1 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 4.318 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

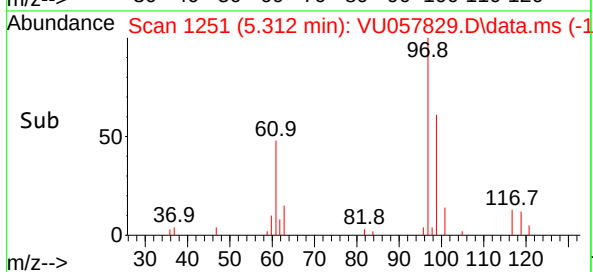
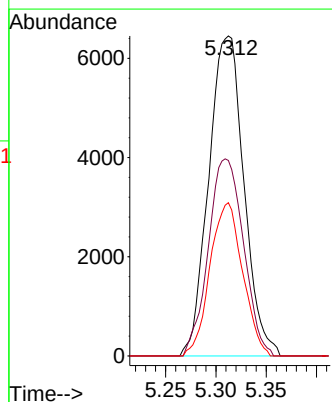
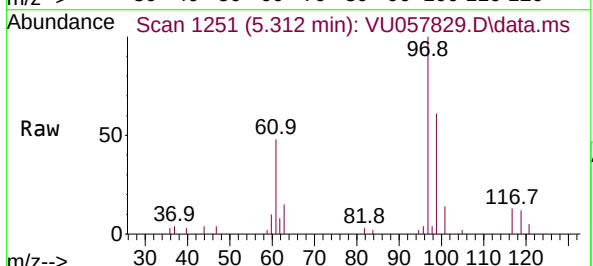
Tgt Ion: 97 Resp: 15719

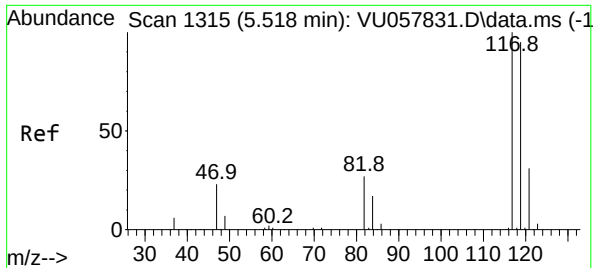
Ion Ratio Lower Upper

97 100

99 61.5 51.5 77.3

61 44.4 36.7 55.1

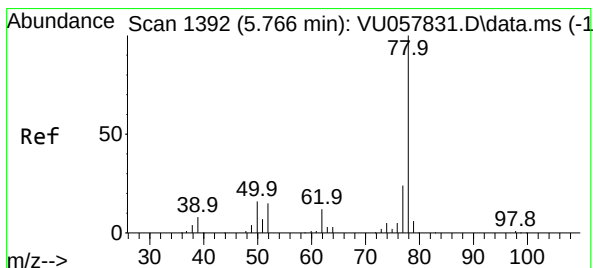
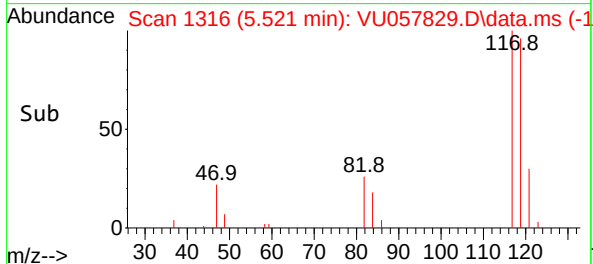
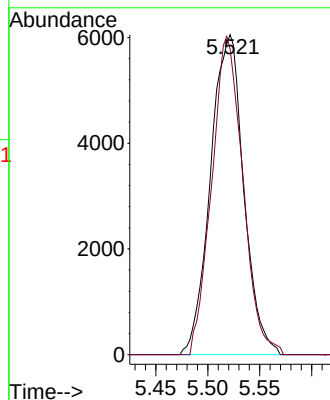
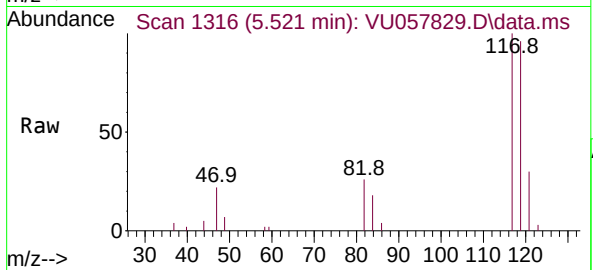




#31
Carbon tetrachloride
Concen: 4.193 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

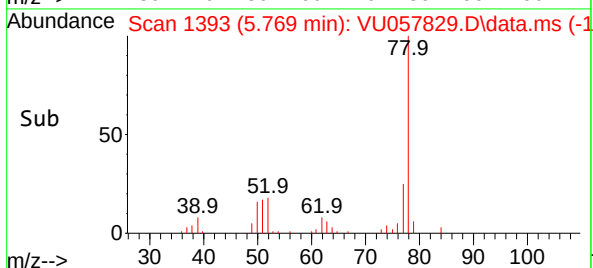
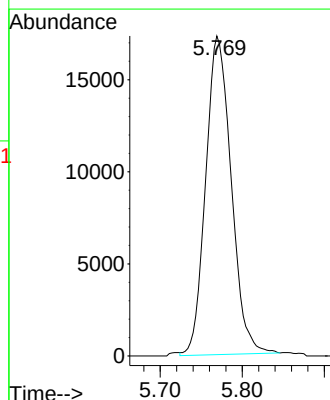
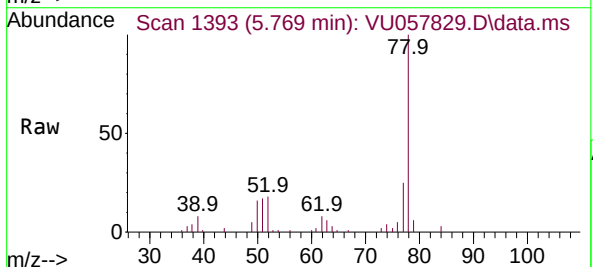
Instrument :
MSVOA_U
ClientSampleId :

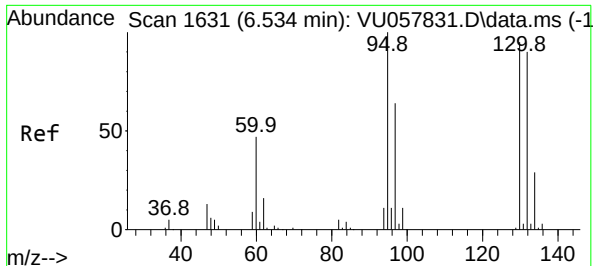
Tgt Ion:117 Resp: 13455
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1



#33
Benzene
Concen: 5.316 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion: 78 Resp: 37472





#34

Trichloroethene

Concen: 5.029 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 10229

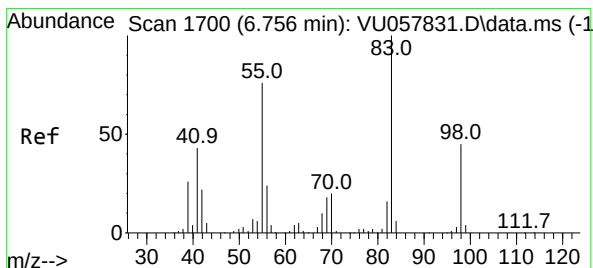
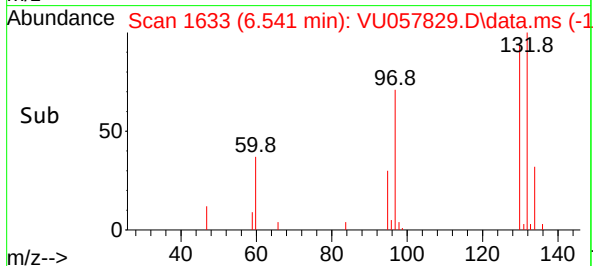
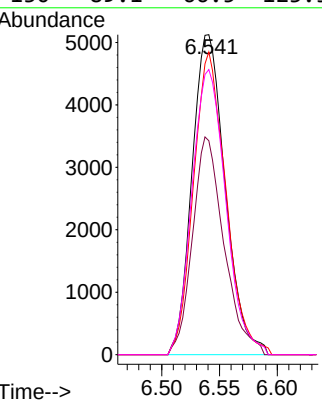
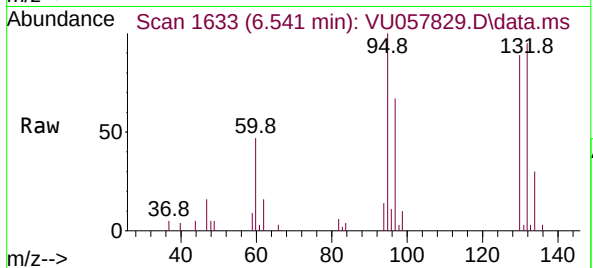
Ion Ratio Lower Upper

95 100

97 66.8 44.9 83.5

132 97.7 63.1 117.1

130 89.1 66.5 123.5



#35

Methylcyclohexane

Concen: 5.669 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

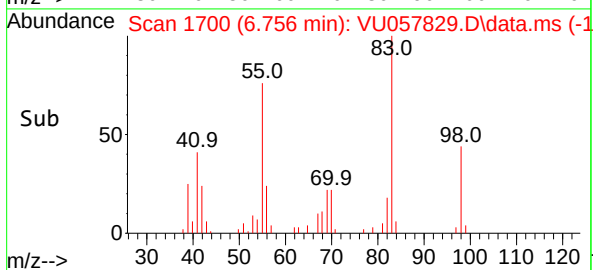
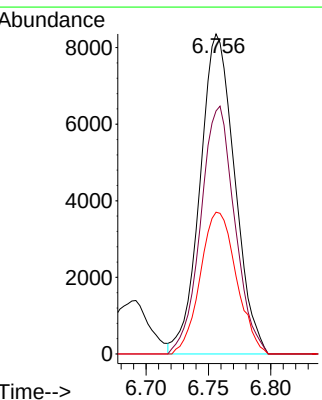
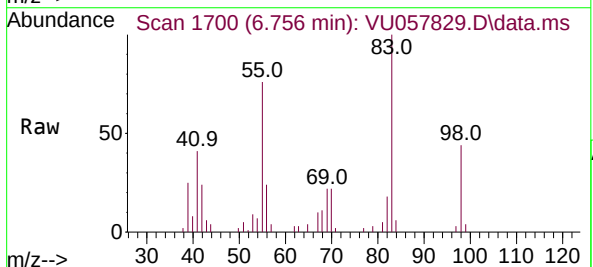
Tgt Ion: 83 Resp: 16188

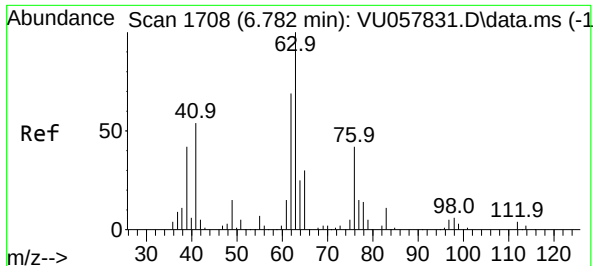
Ion Ratio Lower Upper

83 100

55 76.0 59.9 89.9

98 46.1 36.8 55.2





#37

1,2-Dichloropropane

Concen: 5.875 ug/L

RT: 6.785 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

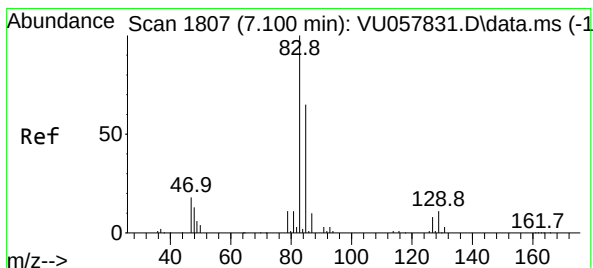
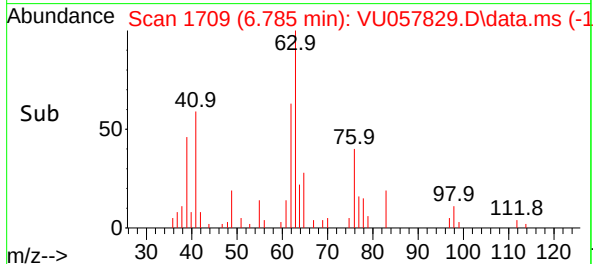
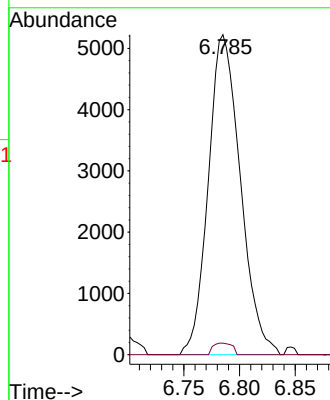
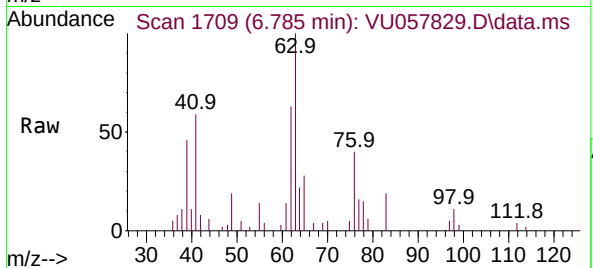
ClientSampleId :

Tgt Ion: 63 Resp: 10482

Ion Ratio Lower Upper

63 100

112 2.1 3.0 4.6#



#38

Bromodichloromethane

Concen: 4.506 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

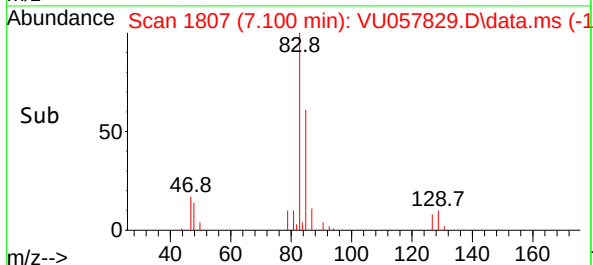
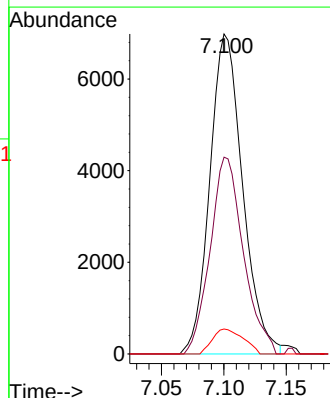
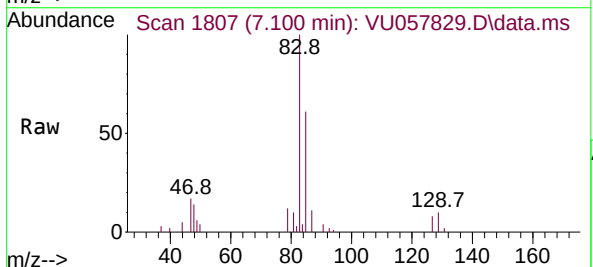
Tgt Ion: 83 Resp: 12788

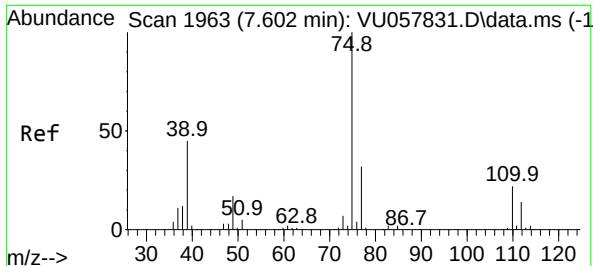
Ion Ratio Lower Upper

83 100

85 59.4 45.6 84.6

127 7.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.230 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

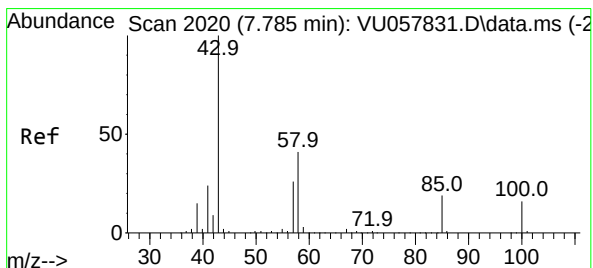
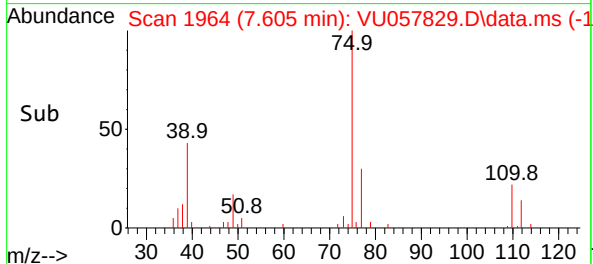
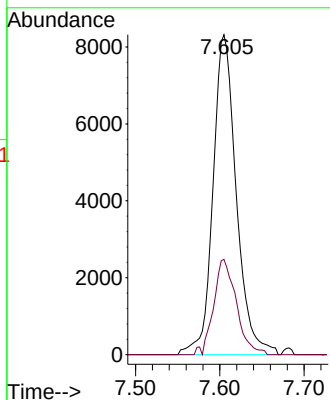
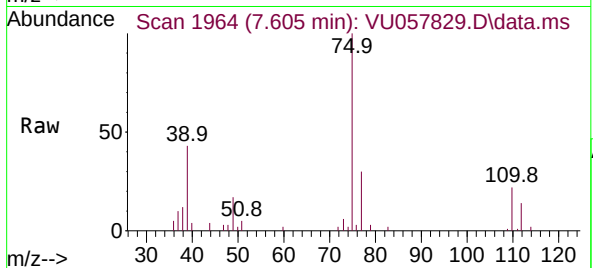
ClientSampleId :

Tgt Ion: 75 Resp: 15987

Ion Ratio Lower Upper

75 100

77 28.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 12.574 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.006 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

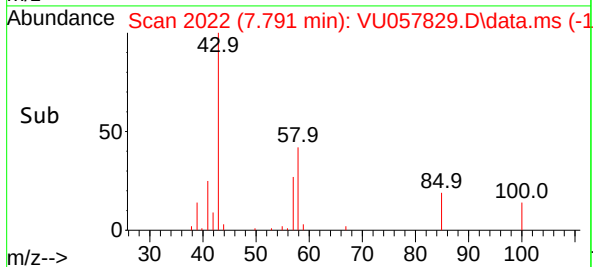
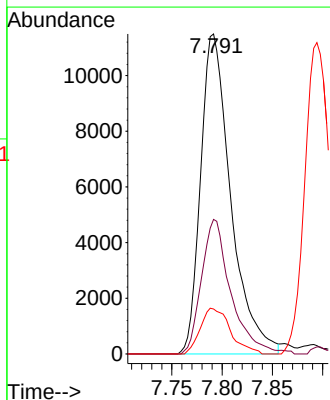
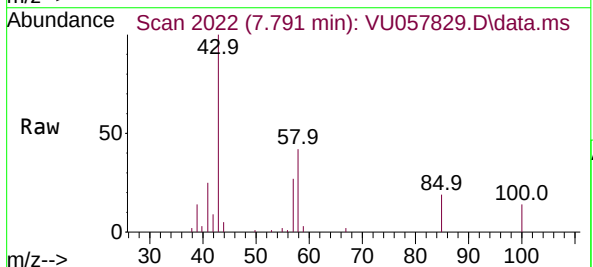
Tgt Ion: 43 Resp: 24001

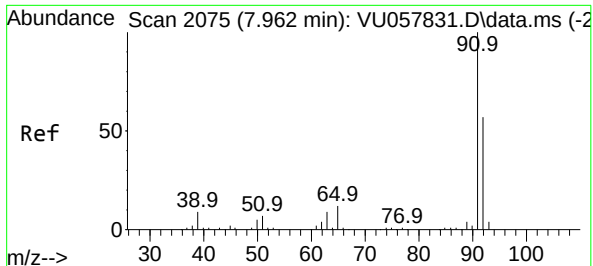
Ion Ratio Lower Upper

43 100

58 40.5 32.5 48.7

100 14.2 12.2 18.4





#42

Toluene

Concen: 5.164 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

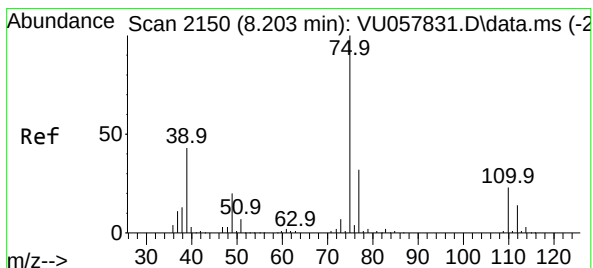
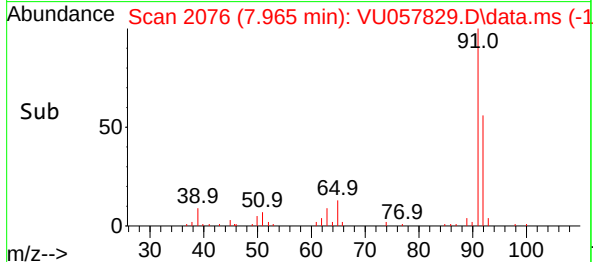
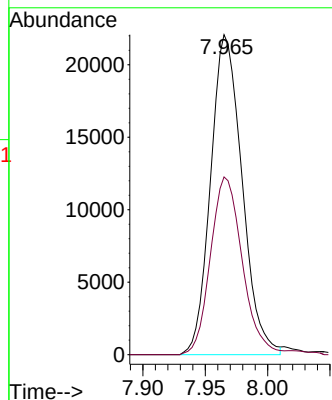
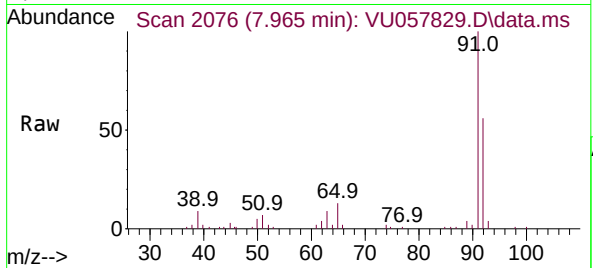
ClientSampleId :

Tgt Ion: 91 Resp: 38778

Ion Ratio Lower Upper

91 100

92 55.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.814 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU057829.D

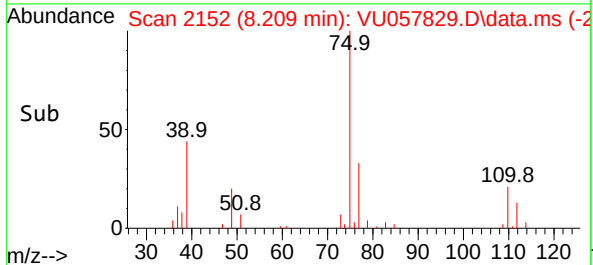
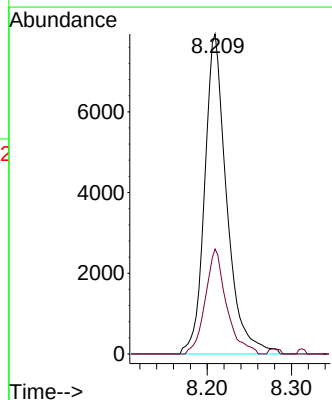
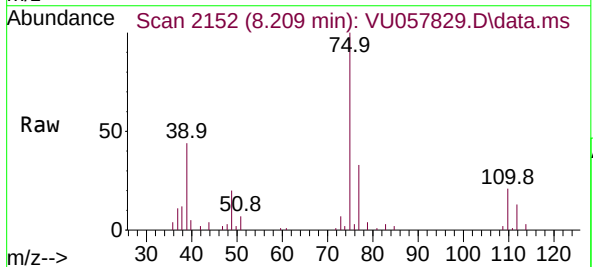
Acq: 07 Feb 2024 09:18

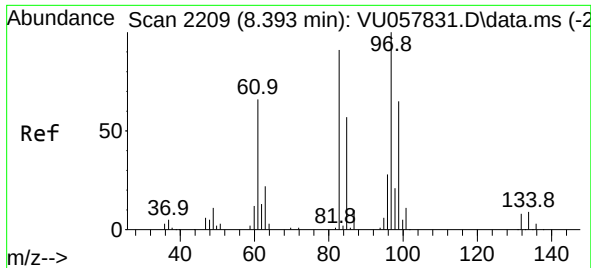
Tgt Ion: 75 Resp: 14464

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6

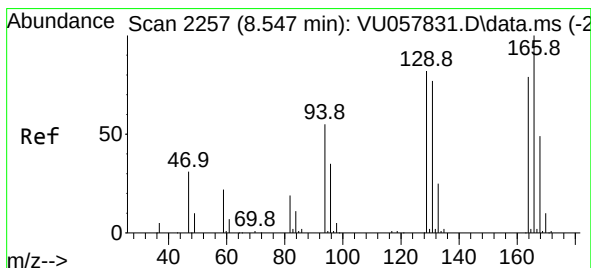
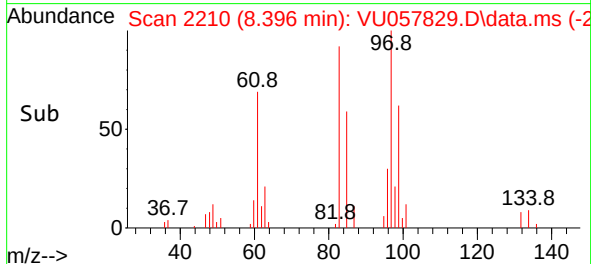
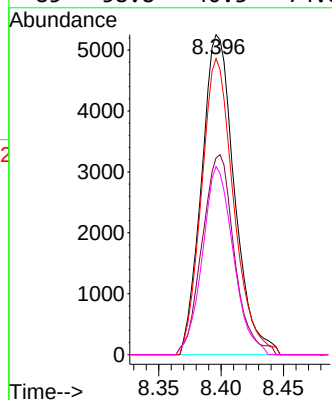
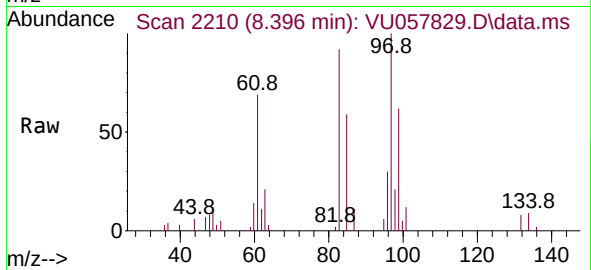




#45
1,1,2-Trichloroethane
Concen: 5.104 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

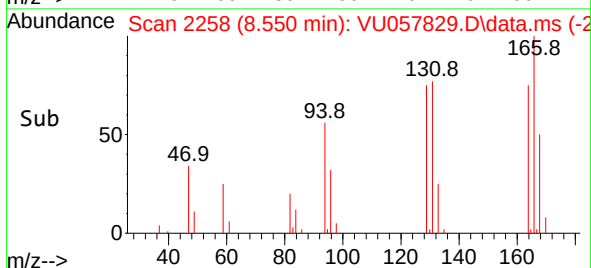
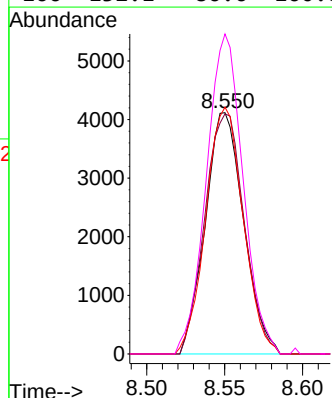
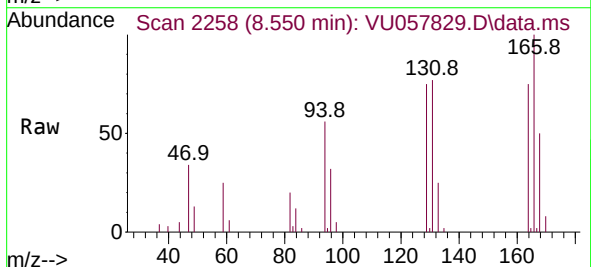
Instrument :
MSVOA_U
ClientSampleId :

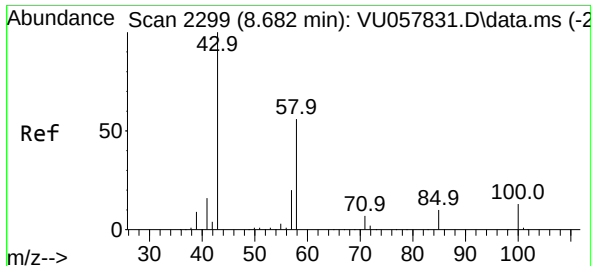
Tgt Ion:	97	Resp:	9618
Ion	Ratio	Lower	Upper
97	100		
99	61.5	45.1	83.9
83	92.5	63.8	118.6
85	58.8	40.3	74.8



#46
Tetrachloroethene
Concen: 4.675 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion:	164	Resp:	7045
Ion	Ratio	Lower	Upper
164	100		
129	97.0	70.8	131.4
131	99.7	66.8	124.0
166	132.1	86.6	160.8

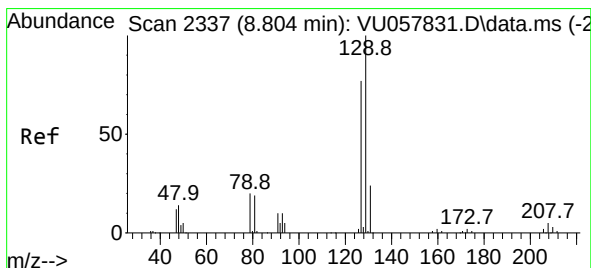
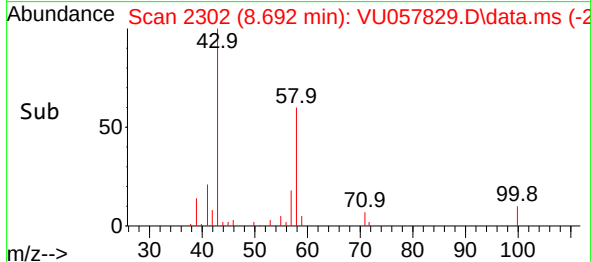
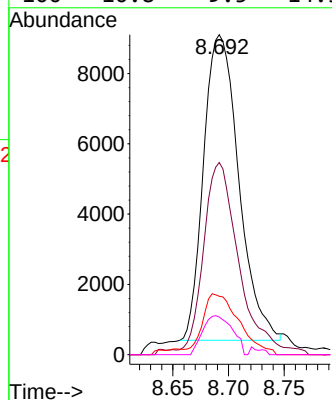
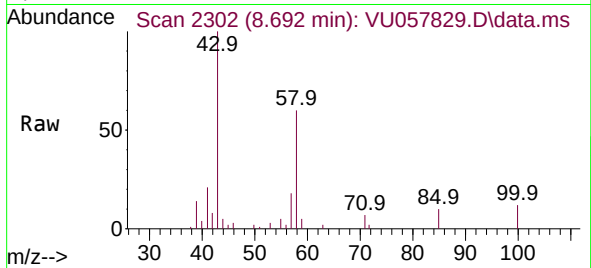




#48
2-Hexanone
Concen: 12.171 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

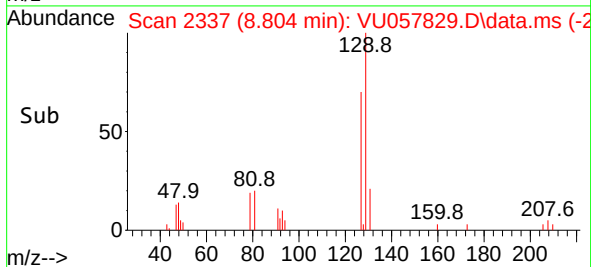
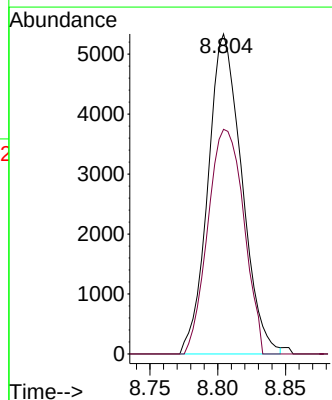
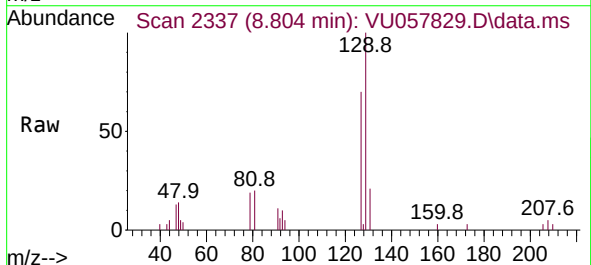
Instrument :
MSVOA_U
ClientSampleId :

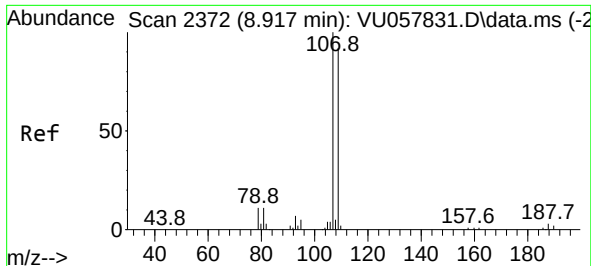
Tgt Ion:	43	Resp:	19089
Ion	Ratio	Lower	Upper
43	100		
58	63.5	44.1	66.1
57	20.7	15.4	23.2
100	10.8	9.5	14.3



#49
Dibromochloromethane
Concen: 4.167 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion:	129	Resp:	9255
Ion	Ratio	Lower	Upper
129	100		
127	70.2	54.1	100.5





#50

1,2-Dibromoethane

Concen: 4.959 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU057829.D

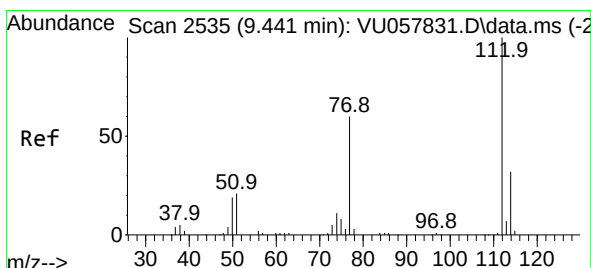
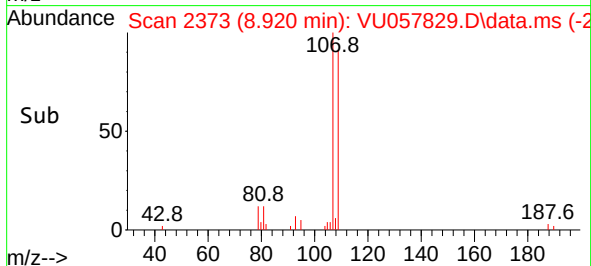
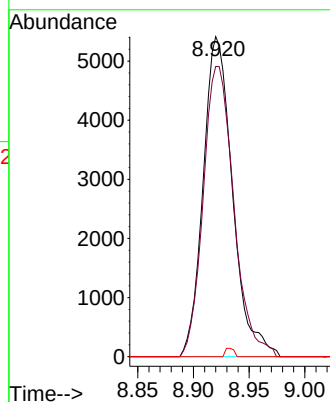
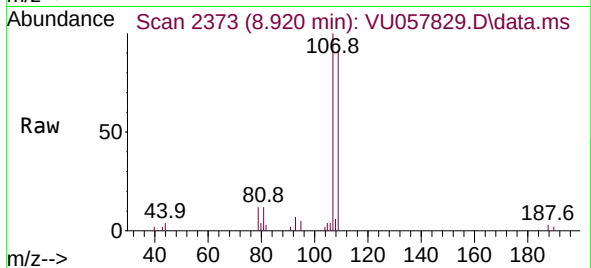
Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	9926
Ion	Ratio	Lower	Upper
107	100		
109	90.7	64.4	119.6
188	0.0	2.6	3.8#



#51

Chlorobenzene

Concen: 4.907 ug/L

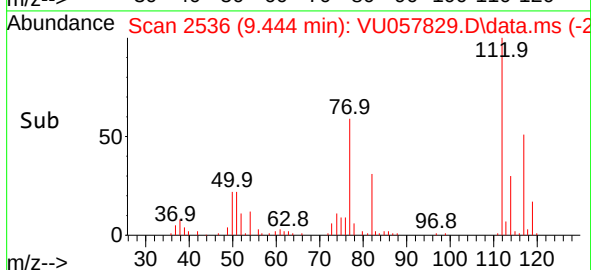
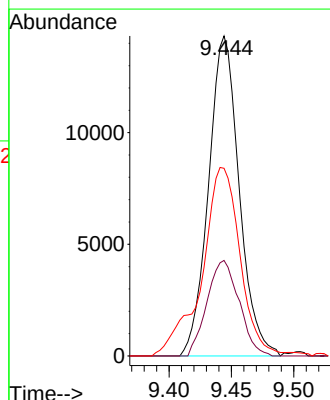
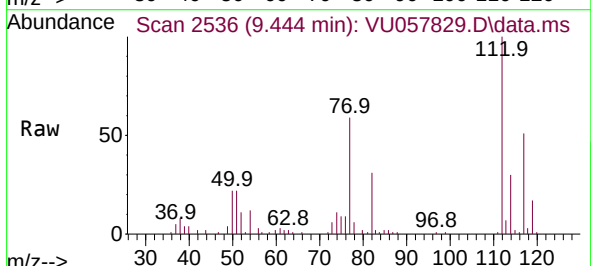
RT: 9.444 min Scan# 2536

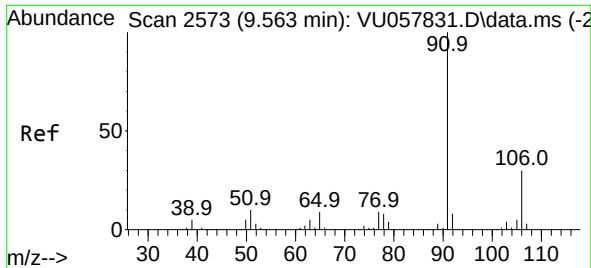
Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Tgt Ion:	112	Resp:	24566
Ion	Ratio	Lower	Upper
112	100		
114	27.9	22.0	41.0
77	54.9	48.2	72.4

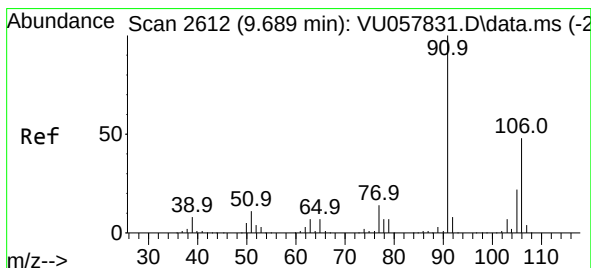
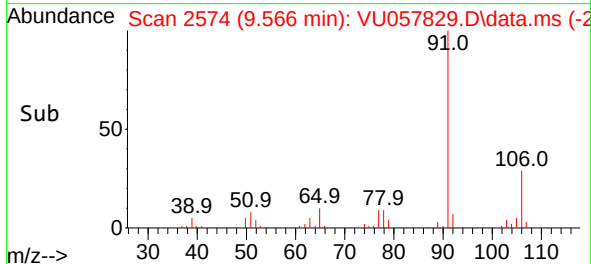
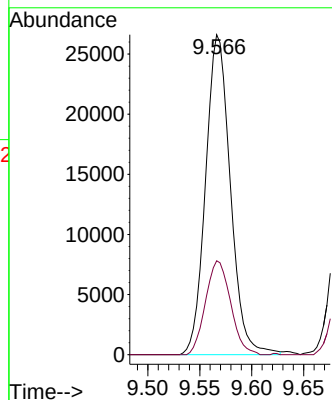
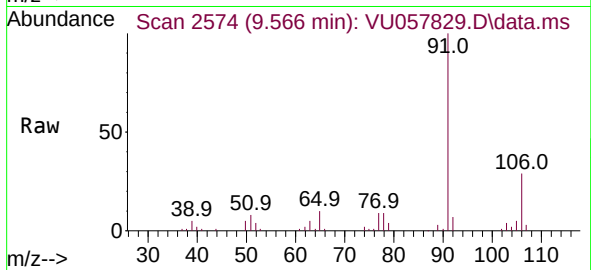




#52
Ethylbenzene
Concen: 5.266 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

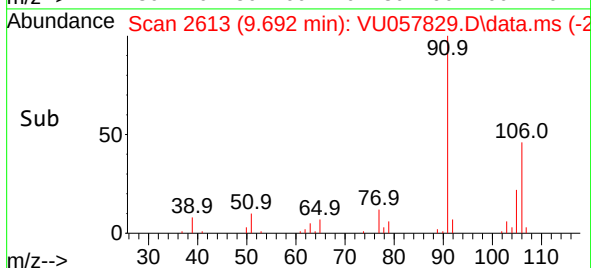
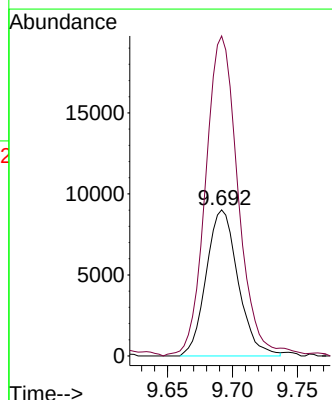
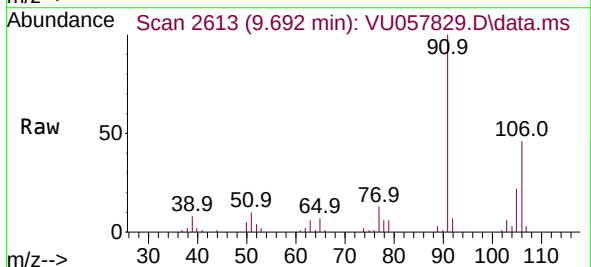
Instrument :
MSVOA_U
ClientSampleId :

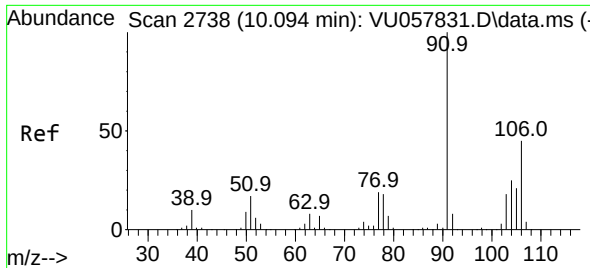
Tgt Ion: 91 Resp: 44128
Ion Ratio Lower Upper
91 100
106 32.0 20.9 38.9



#53
m,p-Xylene
Concen: 4.915 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion:106 Resp: 15394
Ion Ratio Lower Upper
106 100
91 203.5 145.3 269.9

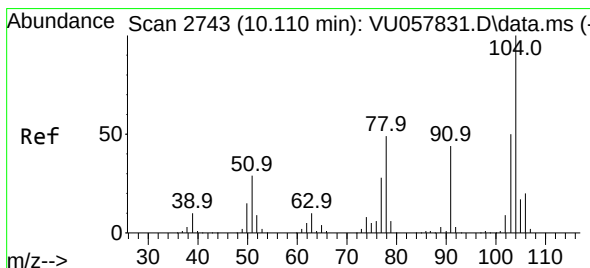
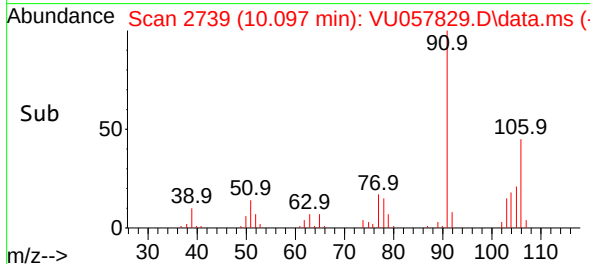
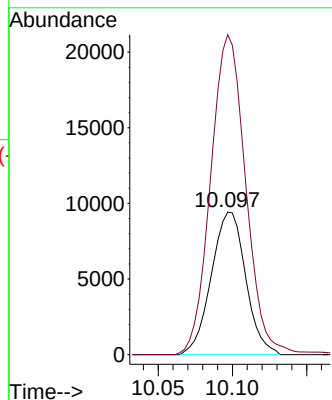
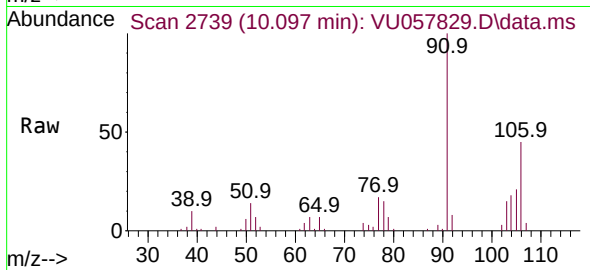




#54
o-Xylene
Concen: 4.979 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

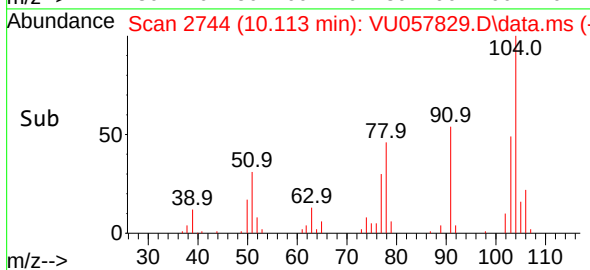
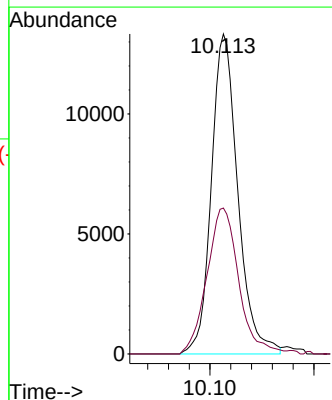
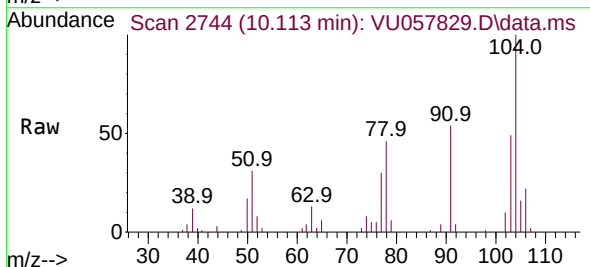
Instrument :
MSVOA_U
ClientSampleId :

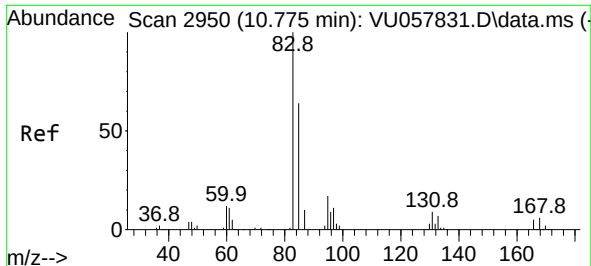
Tgt Ion:106 Resp: 15185
Ion Ratio Lower Upper
106 100
91 224.4 155.3 288.3



#55
Styrene
Concen: 4.590 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion:104 Resp: 23599
Ion Ratio Lower Upper
104 100
78 45.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.960 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

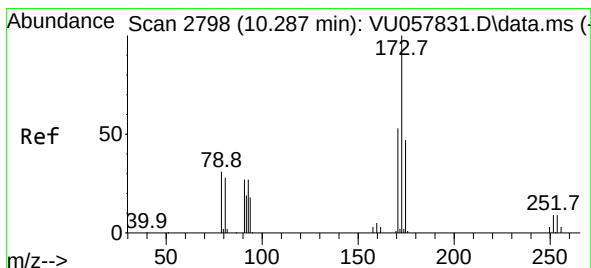
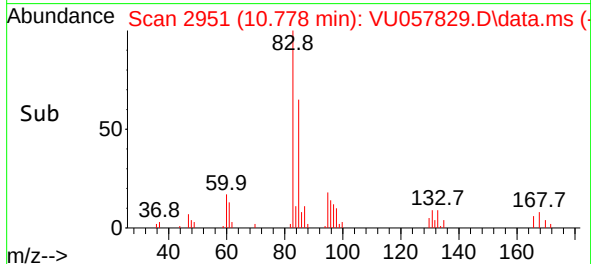
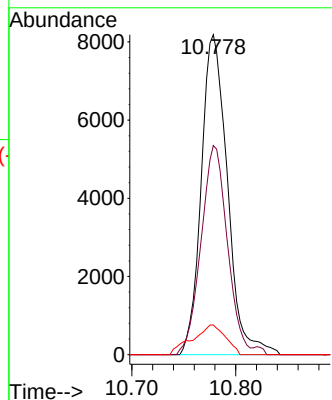
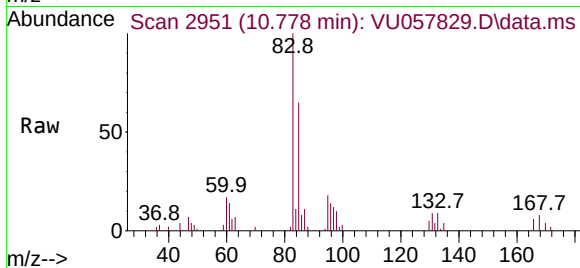
Tgt Ion: 83 Resp: 14340

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7

131 13.6 7.5 11.3#



#59

Bromoform

Concen: 3.873 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

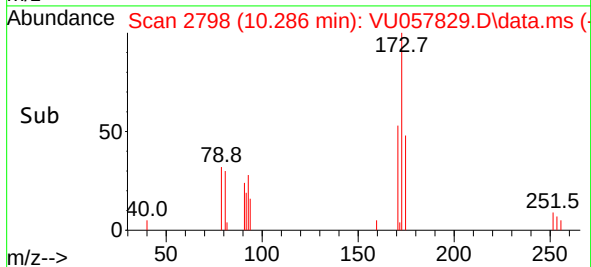
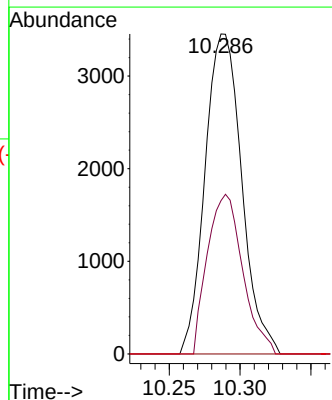
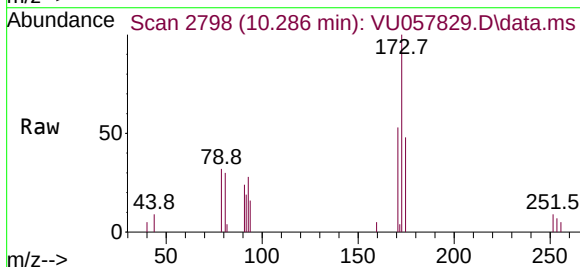
Tgt Ion:173 Resp: 6215

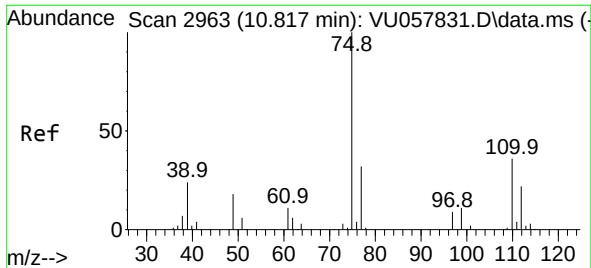
Ion Ratio Lower Upper

173 100

175 48.0 37.7 56.5

254 0.0 6.2 9.2#

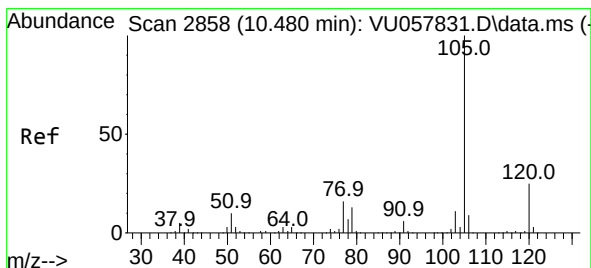
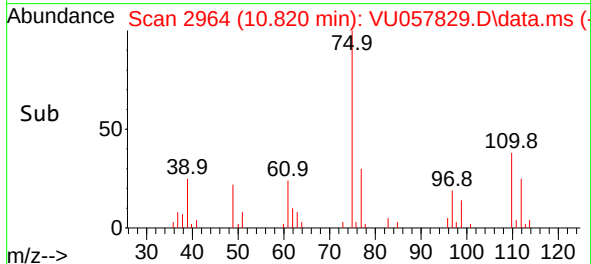
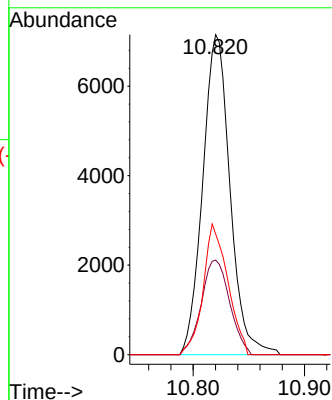
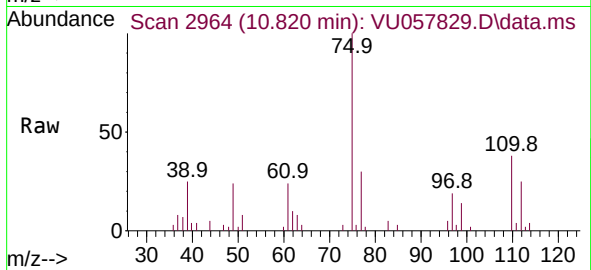




#60
1,2,3-Trichloropropane
Concen: 5.491 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

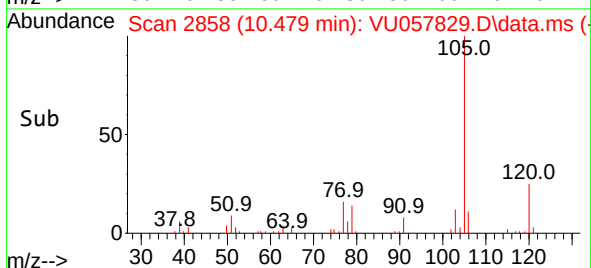
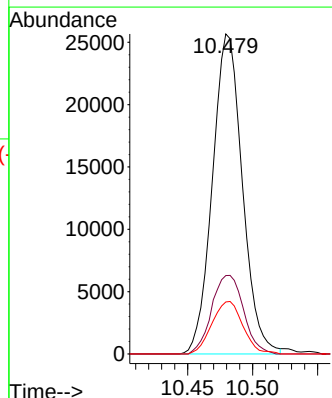
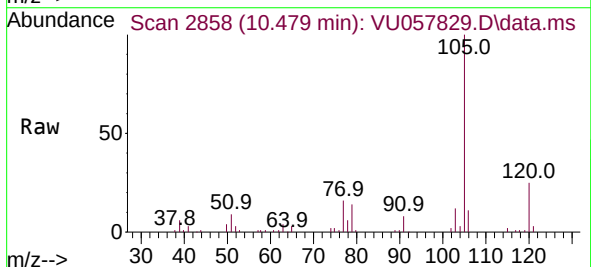
Instrument :
MSVOA_U
ClientSampleId :

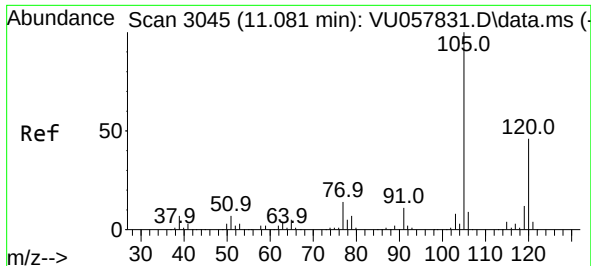
Tgt Ion: 75 Resp: 12190
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
110 36.9 29.1 43.7



#61
Isopropylbenzene
Concen: 5.369 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion: 105 Resp: 41077
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 17.0 13.2 19.8

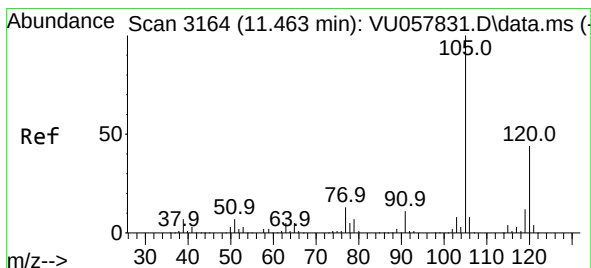
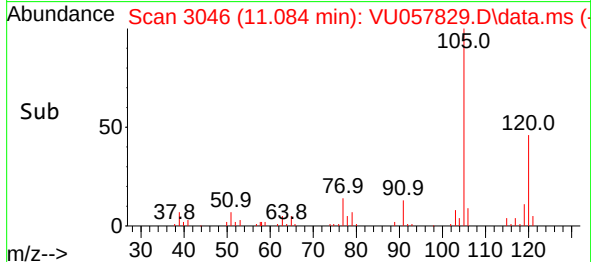
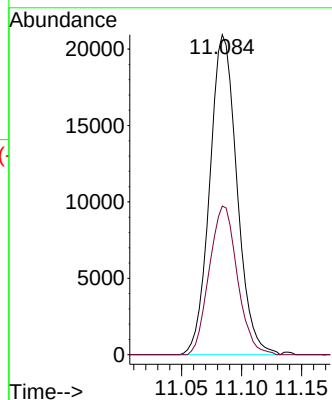
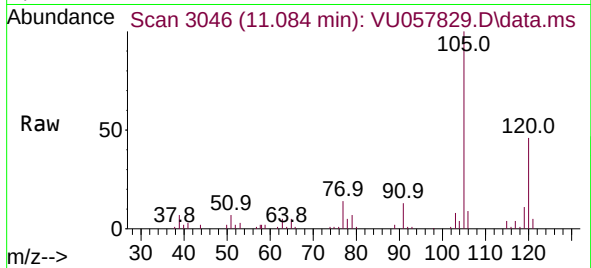




#62
1,3,5-Trimethylbenzene
Concen: 5.056 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

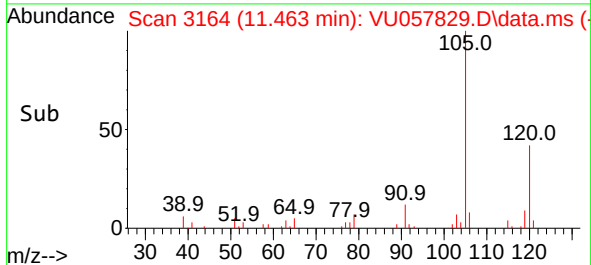
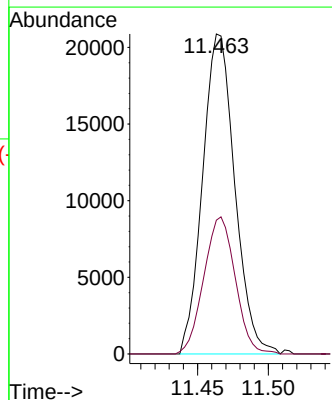
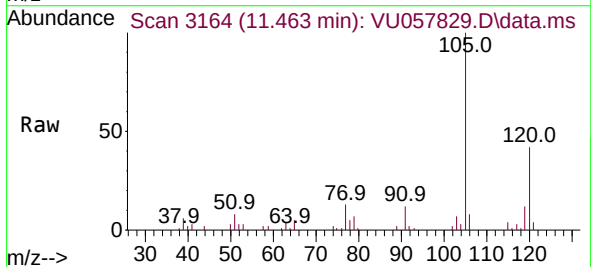
Instrument :
MSVOA_U
ClientSampleId :

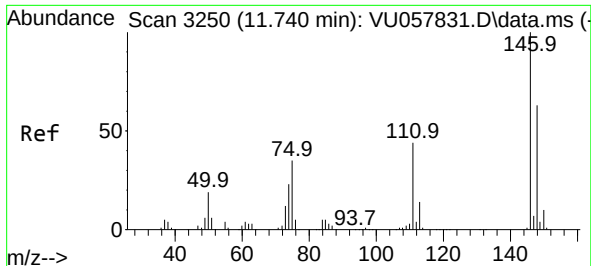
Tgt Ion:105 Resp: 33050
Ion Ratio Lower Upper
105 100
120 47.8 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 5.134 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion:105 Resp: 32928
Ion Ratio Lower Upper
105 100
120 41.9 35.4 53.0

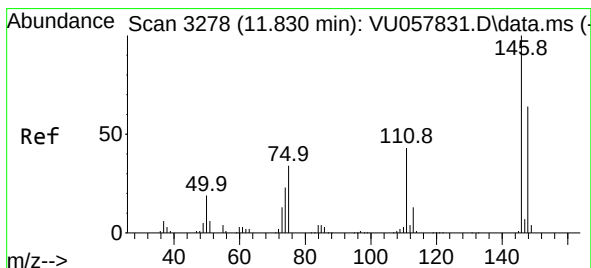
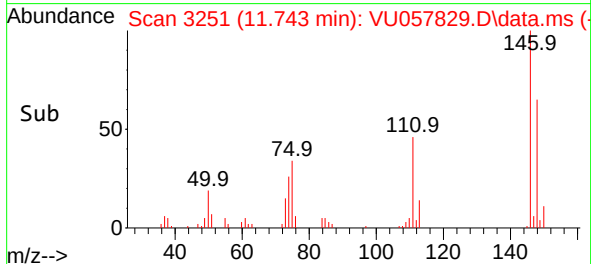
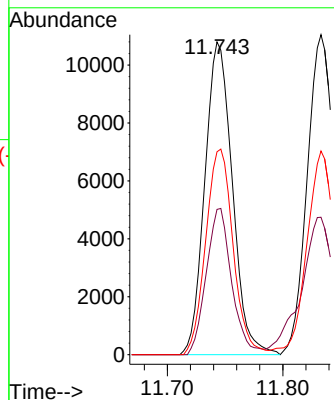
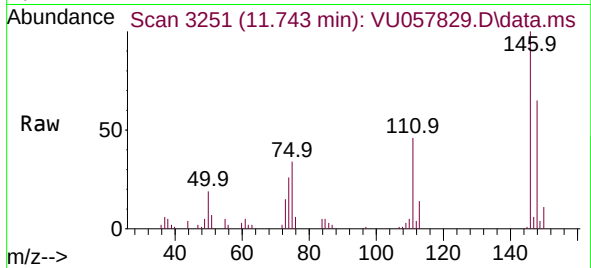




#64
1,3-Dichlorobenzene
Concen: 5.008 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

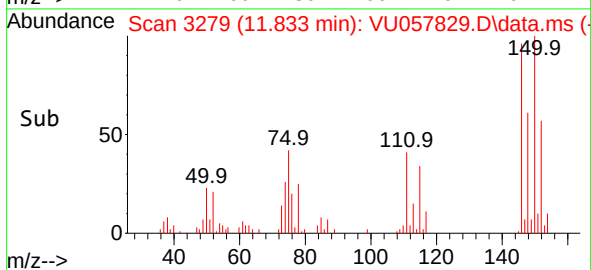
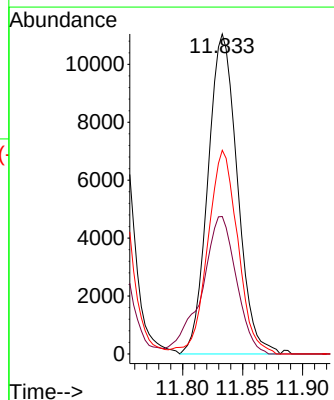
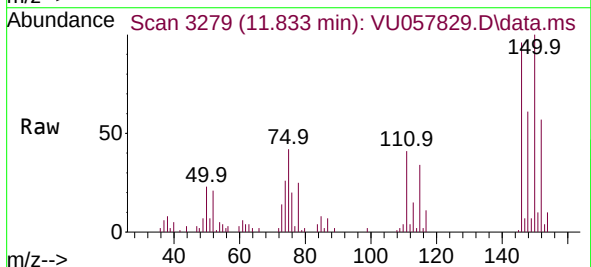
Instrument :
MSVOA_U
ClientSampleId :

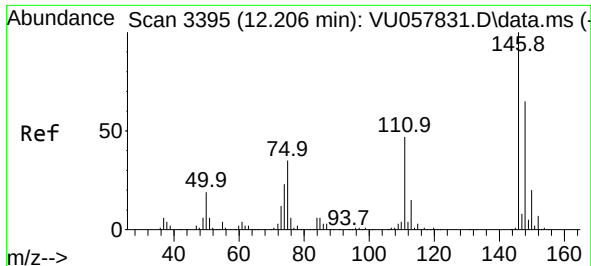
Tgt Ion:146 Resp: 17866
Ion Ratio Lower Upper
146 100
111 46.5 31.1 57.7
148 68.9 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 5.140 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057829.D
Acq: 07 Feb 2024 09:18

Tgt Ion:146 Resp: 18858
Ion Ratio Lower Upper
146 100
111 43.0 30.5 56.7
148 63.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.129 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

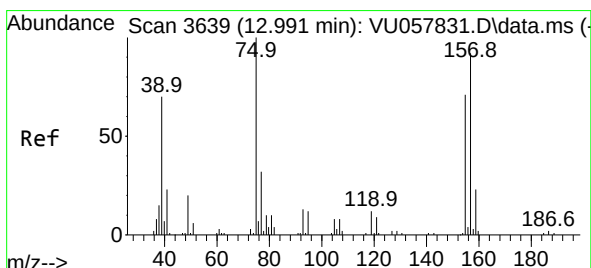
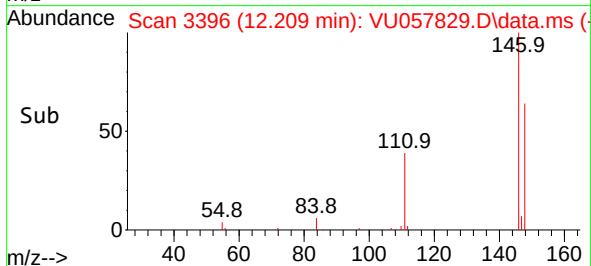
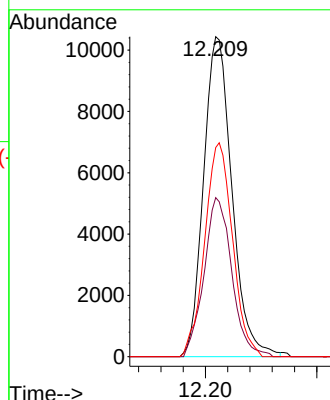
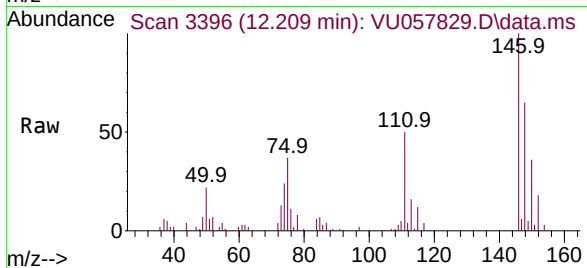
Tgt Ion:146 Resp: 18436

Ion Ratio Lower Upper

146 100

111 50.8 37.8 56.8

148 66.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.828 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

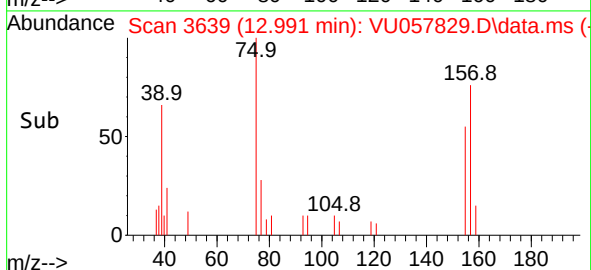
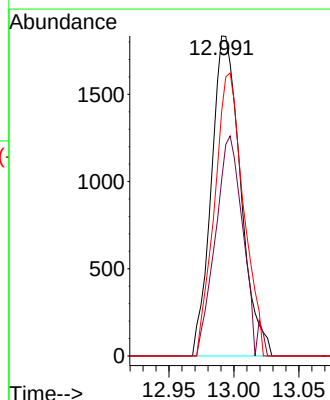
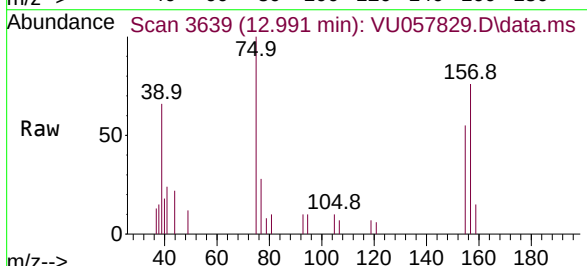
Tgt Ion: 75 Resp: 2863

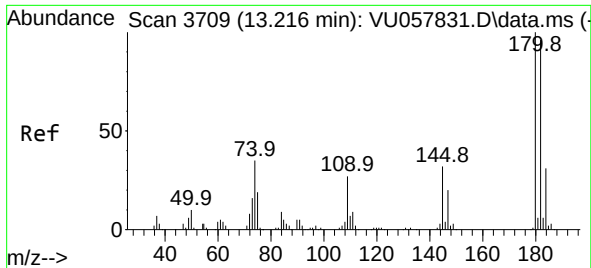
Ion Ratio Lower Upper

75 100

155 55.0 55.9 83.9#

157 76.3 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 4.519 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

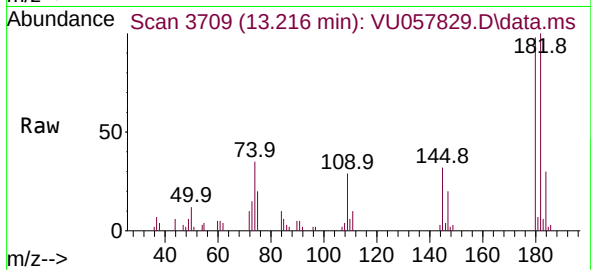
Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 11590

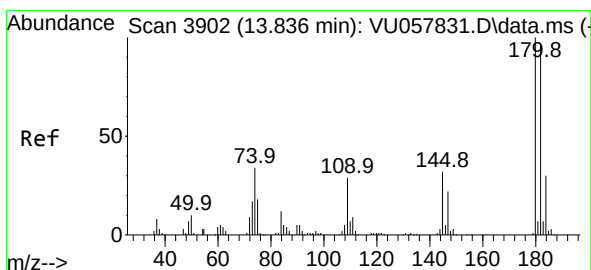
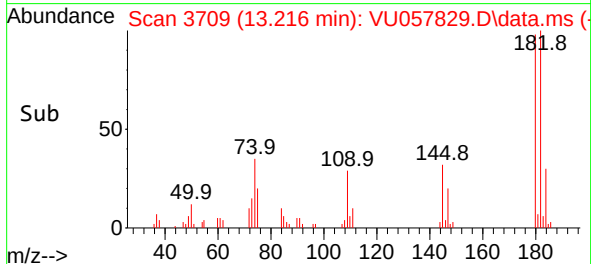
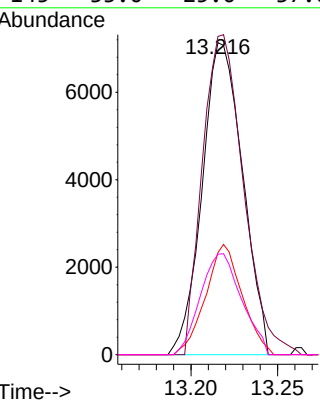
Ion Ratio Lower Upper

180 100

182 103.8 76.0 114.0

184 32.0 24.3 36.5

145 33.0 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 4.886 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

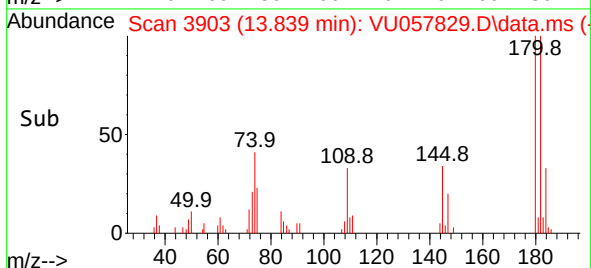
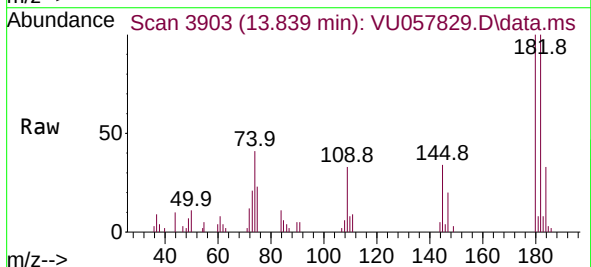
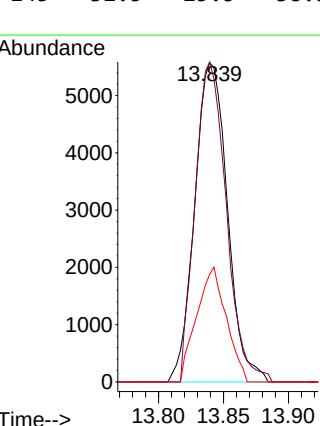
Tgt Ion:180 Resp: 9747

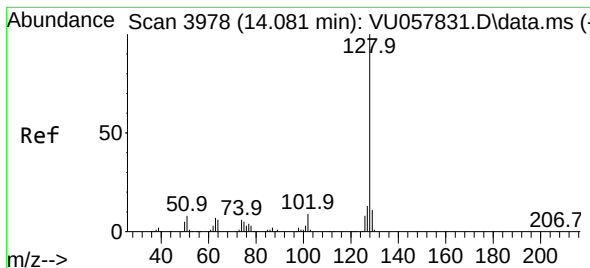
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

145 32.5 25.5 38.3





#71

Naphthalene

Concen: 5.022 ug/L

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU057829.D

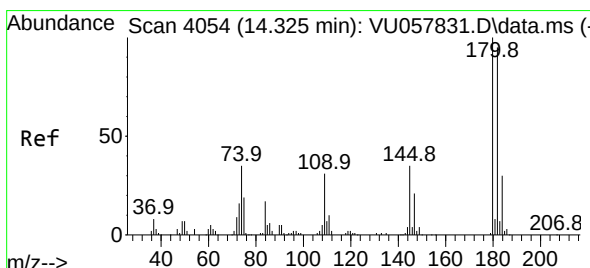
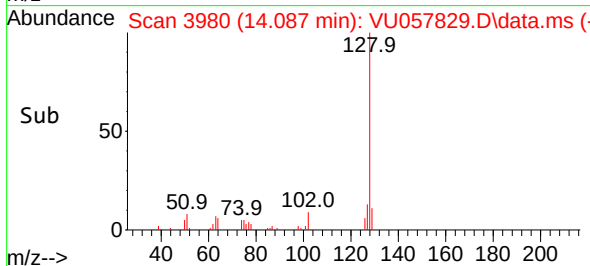
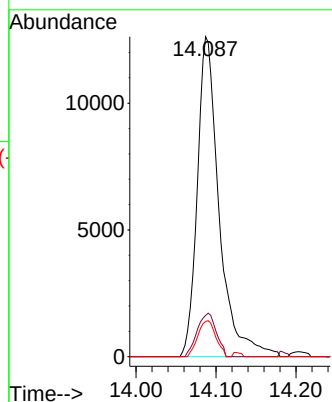
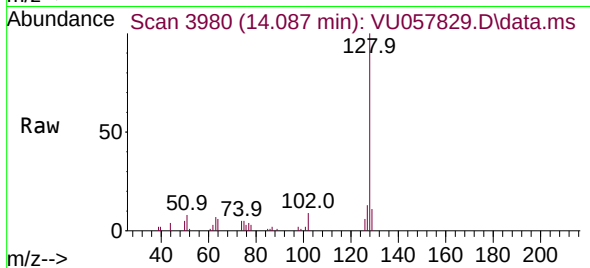
Acq: 07 Feb 2024 09:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	24010
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.2 15.4
129	9.2	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.849 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU057829.D

Acq: 07 Feb 2024 09:18

Tgt Ion:180	Resp:	9048
Ion Ratio	Lower	Upper
180	100	
182	92.5	76.6 114.8
145	35.5	27.7 41.5

