

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053490.D
 Acq On : 31 Mar 2023 13:40
 Operator : JC/MD
 Sample : VSTD10014
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 04:39:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	305299	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	290626	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	171473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	234793	85.552	ug/L	0.00
7) Chloroethane-d5	1.906	69	180988	82.224	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	366082	86.626	ug/L	0.00
21) 2-Butanone-d5	4.610	46	221049	201.548	ug/L	0.00
24) Chloroform-d	5.057	84	392519	86.749	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	234331	86.161	ug/L	0.00
32) Benzene-d6	5.722	84	780916	84.374	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	235196	82.485	ug/L	0.00
41) Toluene-d8	7.893	98	788983	86.998	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	126156	82.046	ug/L	0.00
47) 2-Hexanone-d5	8.626	63	171609	193.489	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.748	84	340800	86.033	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	346393	92.481	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	244916	100.943	ug/L	99
3) Chloromethane	1.520	50	197044	89.460	ug/L	98
5) Vinyl chloride	1.604	62	234609	87.661	ug/L	99
6) Bromomethane	1.848	94	170911	91.768	ug/L	98
8) Chloroethane	1.928	64	137209	84.368	ug/L	97
9) Trichlorofluoromethane	2.134	101	363678	88.792	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	208152	98.050	ug/L	99
12) 1,1-Dichloroethene	2.578	96	186282	93.692	ug/L	92
13) Acetone	2.616	43	204661	205.099	ug/L	98
14) Carbon disulfide	2.790	76	507602	87.566	ug/L	98
15) Methyl Acetate	2.941	43	150147	101.213	ug/L	96
16) Methylene chloride	3.041	84	197817	83.220	ug/L	97
17) trans-1,2-Dichloroethene	3.346	96	190027	90.040	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	546227	84.364	ug/L	99
19) 1,1-Dichloroethane	3.864	63	312966	87.193	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	218384	91.651	ug/L	99
22) 2-Butanone	4.690	43	237061	200.370	ug/L	94
23) Bromochloromethane	4.967	128	121108	93.004	ug/L	98
25) Chloroform	5.079	83	355830	88.153	ug/L	99
27) 1,2-Dichloroethane	5.787	62	261466	90.752	ug/L	99
29) Cyclohexane	5.382	56	280752	84.537	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	318812	87.305	ug/L	99
31) Carbon tetrachloride	5.520	117	289875	90.448	ug/L	100
33) Benzene	5.768	78	746792	86.085	ug/L	100
34) Trichloroethene	6.536	95	224438	93.306	ug/L	96
35) Methylcyclohexane	6.758	83	341759	85.828	ug/L	99
37) 1,2-Dichloropropane	6.784	63	187814	85.116	ug/L	100
38) Bromodichloromethane	7.099	83	260335	83.067	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	335412	89.322	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	425554	194.534	ug/L	99
42) Toluene	7.964	91	862620	87.720	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	311418	85.895	ug/L	98

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

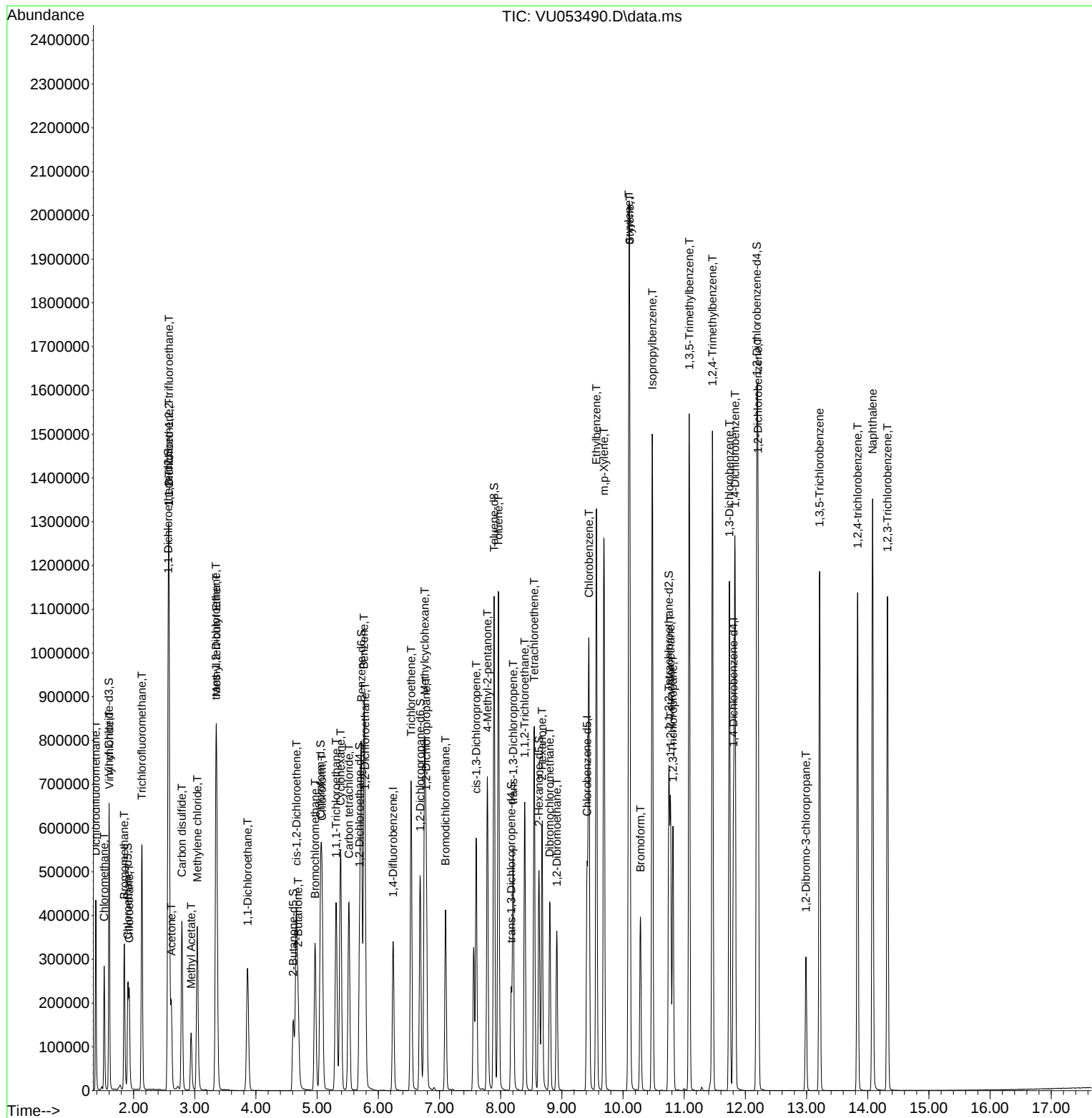
45) 1,1,2-Trichloroethane	8.394	97	212127	92.106	ug/L	99
46) Tetrachloroethene	8.549	164	189299	98.548	ug/L	98
48) 2-Hexanone	8.677	43	353384	203.138	ug/L	99
49) Dibromochloromethane	8.803	129	231811	85.602	ug/L	99
50) 1,2-Dibromoethane	8.918	107	243385	96.598	ug/L	97
51) Chlorobenzene	9.443	112	587071	91.932	ug/L	99
52) Ethylbenzene	9.565	91	958506	88.436	ug/L	99
53) m,p-Xylene	9.690	106	382637	89.610	ug/L	99
54) o-xylene	10.095	106	373414	88.191	ug/L	96
55) Styrene	10.108	104	637827	89.934	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	308443	87.192	ug/L	97
59) Bromoform	10.285	173	183347	84.989	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	242470	87.406	ug/L	99
61) Isopropylbenzene	10.478	105	1005791	87.073	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	855378	84.782	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	849378	86.369	ug/L	99
64) 1,3-Dichlorobenzene	11.738	146	512807	96.499	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	516788	96.616	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	514620	96.101	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	69698	84.576	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	392337	96.260	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	369099	100.575	ug/L	100
71) Naphthalene	14.079	128	1120620	102.077	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	367772	102.008	ug/L	99

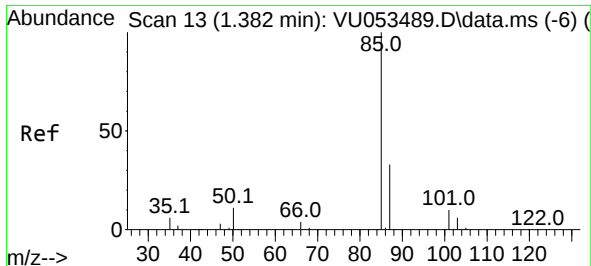
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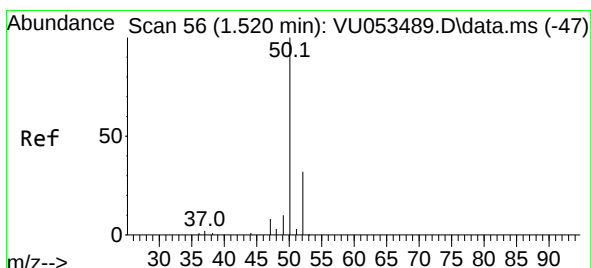
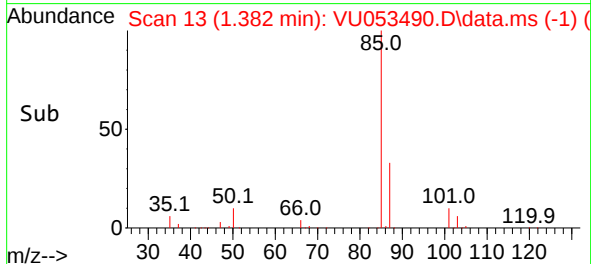
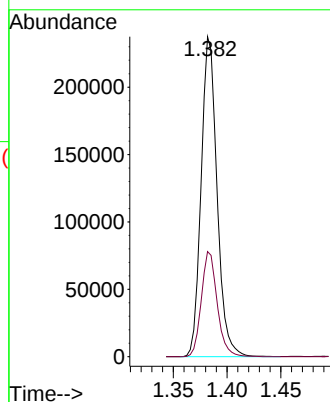
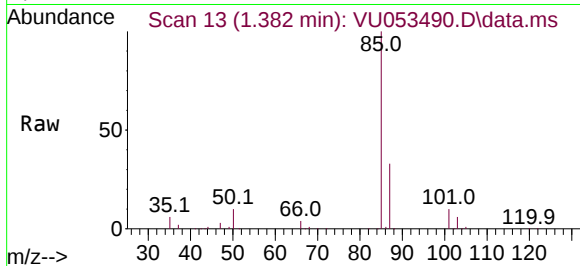




#2
Dichlorodifluoromethane
Concen: 100.943 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

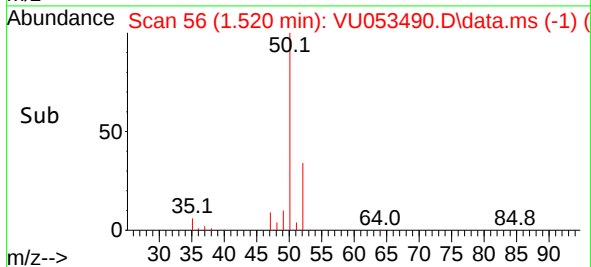
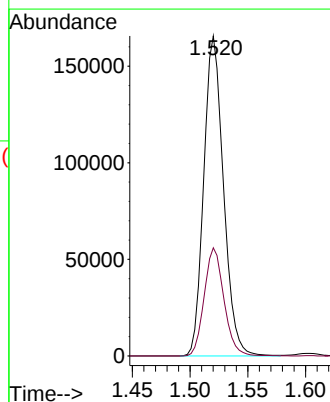
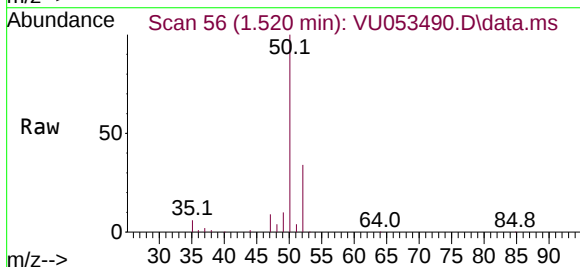
Instrument :
MSVOA_W
ClientSampleId :

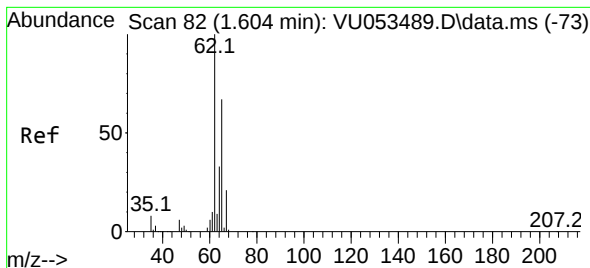
Tgt Ion: 85 Resp: 244916
Ion Ratio Lower Upper
85 100
87 32.7 26.4 39.6



#3
Chloromethane
Concen: 89.460 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion: 50 Resp: 197044
Ion Ratio Lower Upper
50 100
52 33.8 22.7 42.1





#5

Vinyl chloride

Concen: 87.661 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

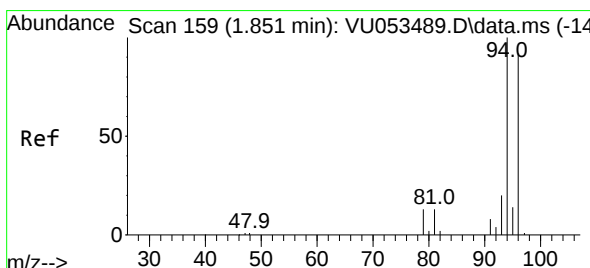
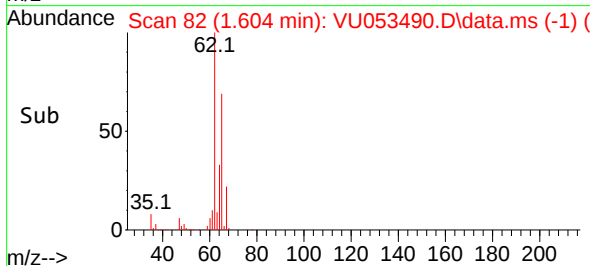
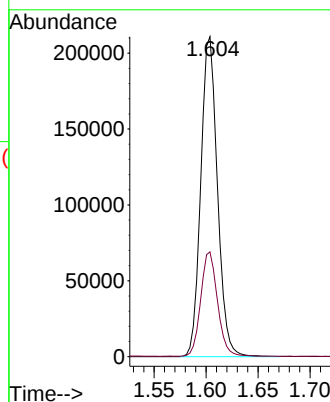
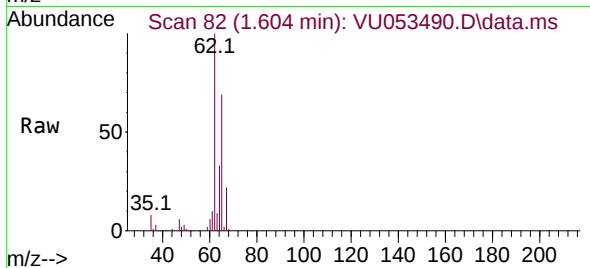
ClientSampleId :

Tgt Ion: 62 Resp: 234609

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#6

Bromomethane

Concen: 91.768 ug/L

RT: 1.848 min Scan# 158

Delta R.T. -0.003 min

Lab File: VU053490.D

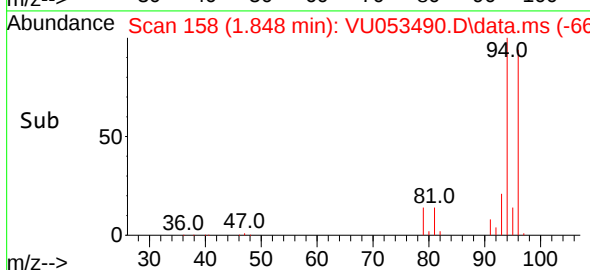
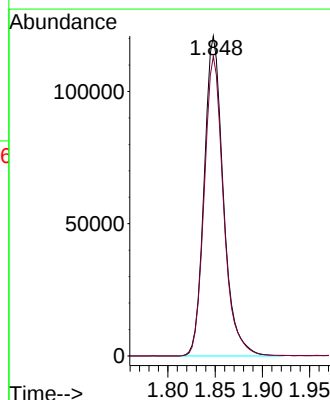
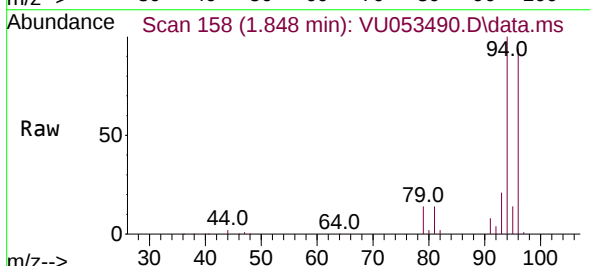
Acq: 31 Mar 2023 13:40

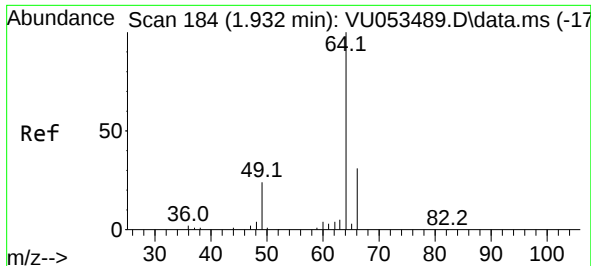
Tgt Ion: 94 Resp: 170911

Ion Ratio Lower Upper

94 100

96 93.6 64.4 119.6





#8

Chloroethane

Concen: 84.368 ug/L

RT: 1.928 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

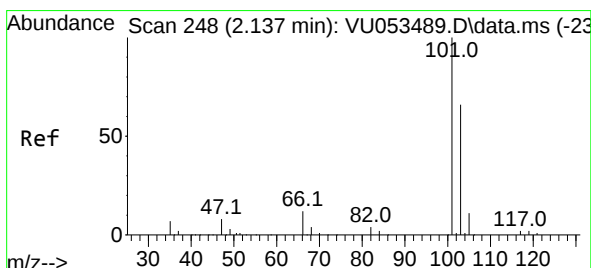
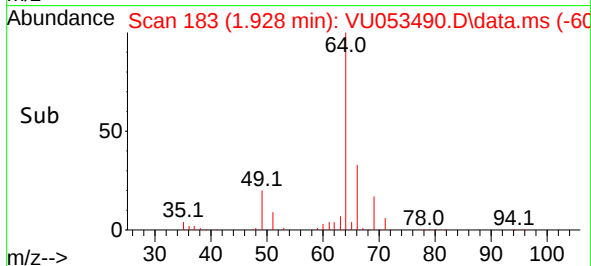
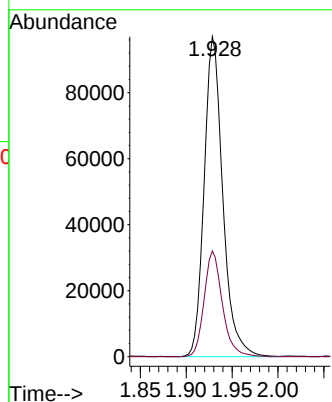
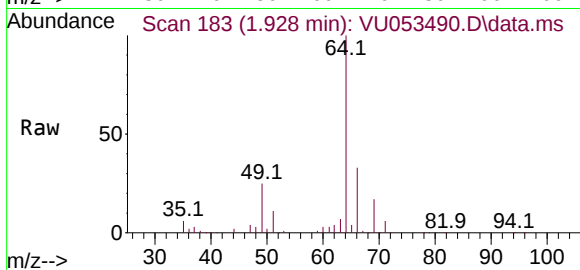
ClientSampleId :

Tgt Ion: 64 Resp: 137209

Ion Ratio Lower Upper

64 100

66 33.1 21.8 40.6



#9

Trichlorofluoromethane

Concen: 88.792 ug/L

RT: 2.134 min Scan# 247

Delta R.T. -0.003 min

Lab File: VU053490.D

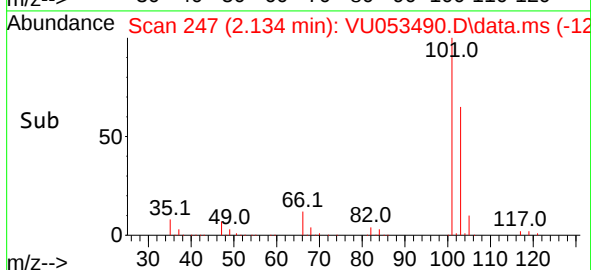
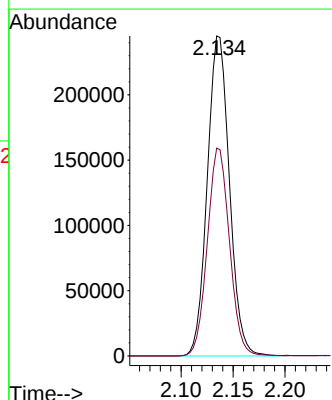
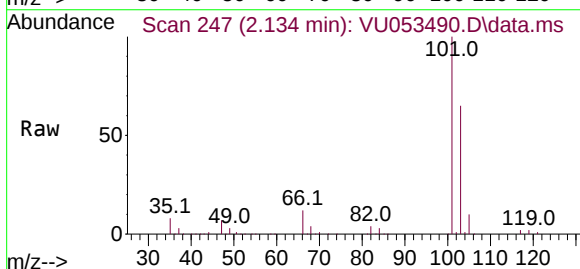
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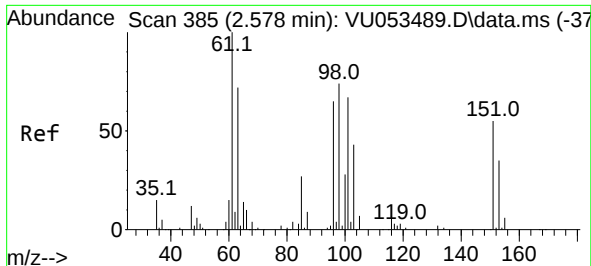
Tgt Ion:101 Resp: 363678

Ion Ratio Lower Upper

101 100

103 64.9 52.5 78.7

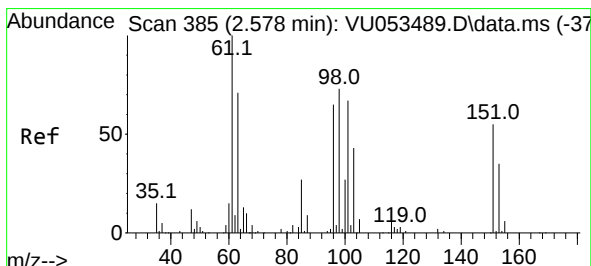
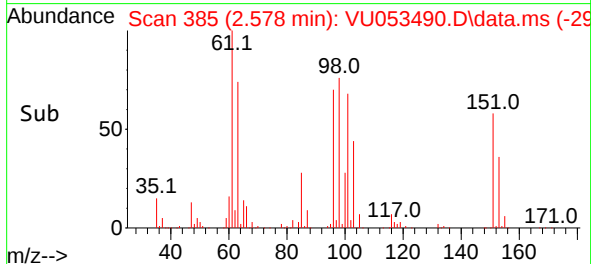
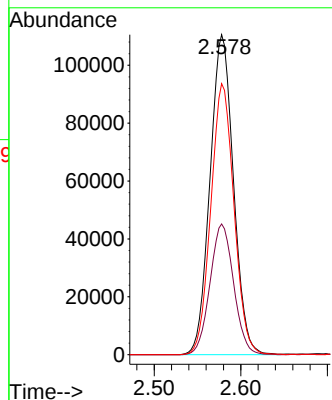
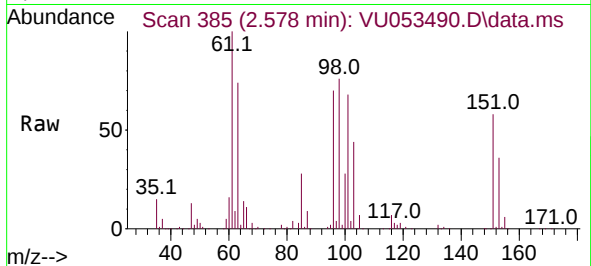




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 98.050 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053490.D
 Acq: 31 Mar 2023 13:40

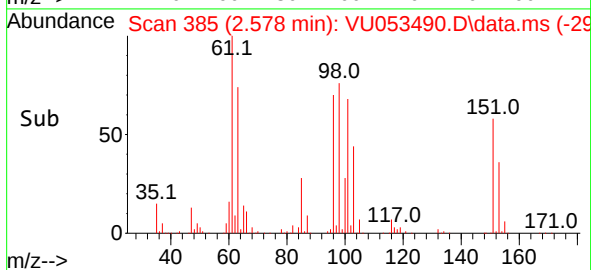
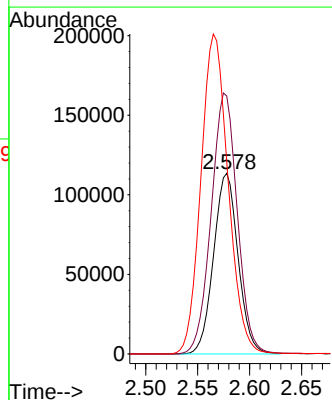
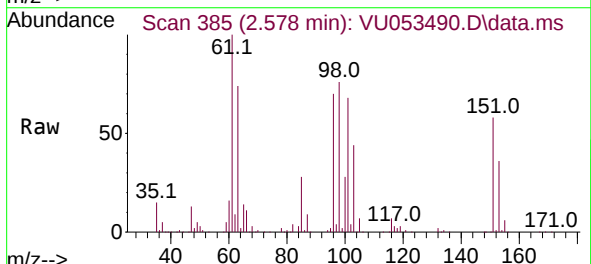
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 MSVOA_W
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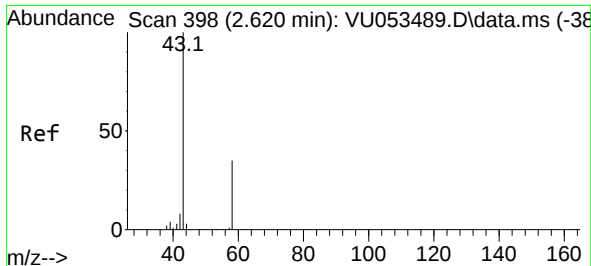
Tgt Ion:101 Resp: 208152
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.6 48.8
 151 83.7 65.8 98.6



#12
 1,1-Dichloroethene
 Concen: 93.692 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053490.D
 Acq: 31 Mar 2023 13:40

Tgt Ion: 96 Resp: 186282
 Ion Ratio Lower Upper
 96 100
 61 142.8 107.9 200.5
 63 106.2 79.1 146.9





#13

Acetone

Concen: 205.099 ug/L

RT: 2.616 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

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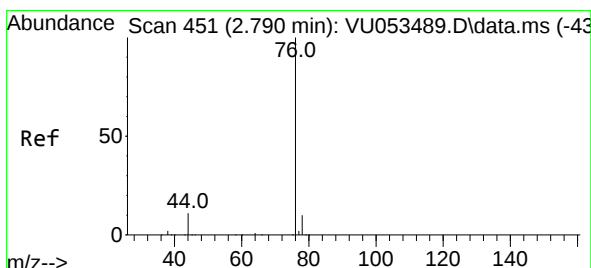
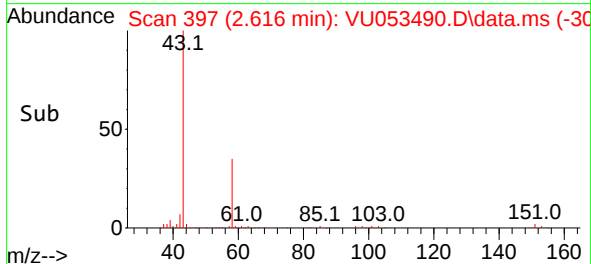
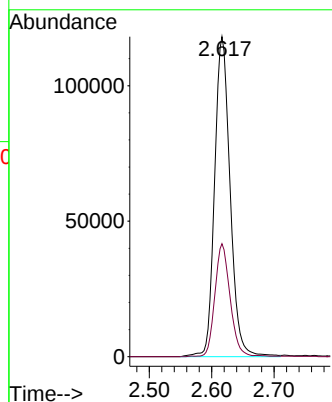
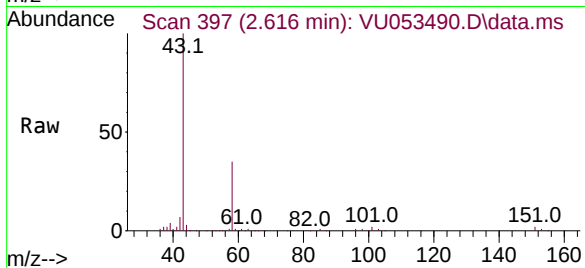
ClientSampleId :

Tgt Ion: 43 Resp: 204661

Ion Ratio Lower Upper

43 100

58 33.9 0.0 70.2



#14

Carbon disulfide

Concen: 87.566 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU053490.D

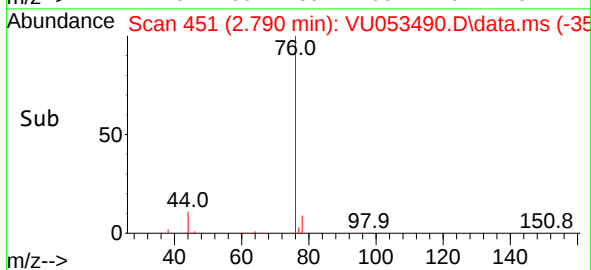
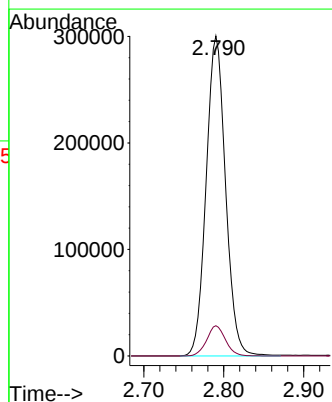
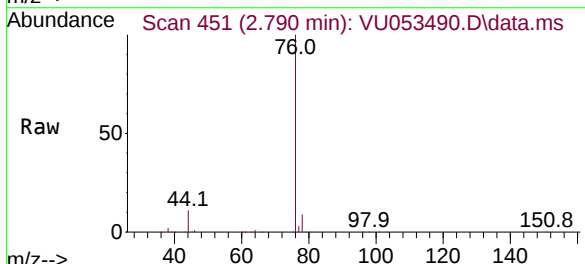
Acq: 31 Mar 2023 13:40

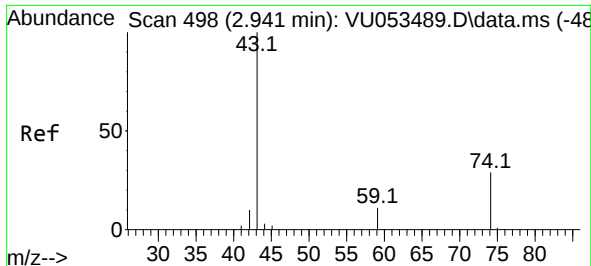
Tgt Ion: 76 Resp: 507602

Ion Ratio Lower Upper

76 100

78 9.4 8.2 12.2

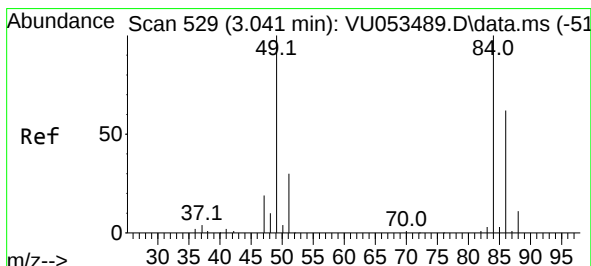
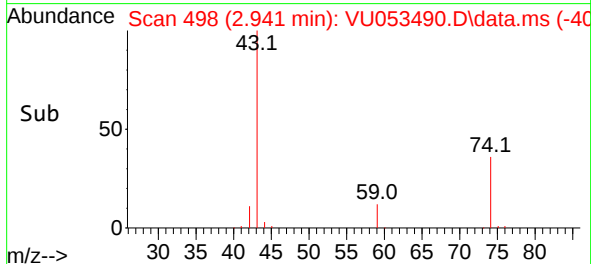
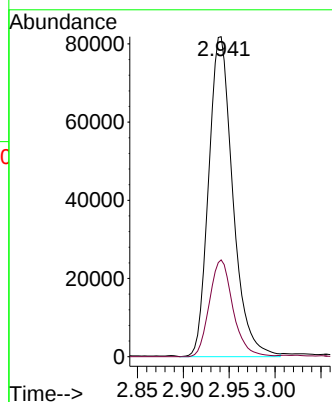
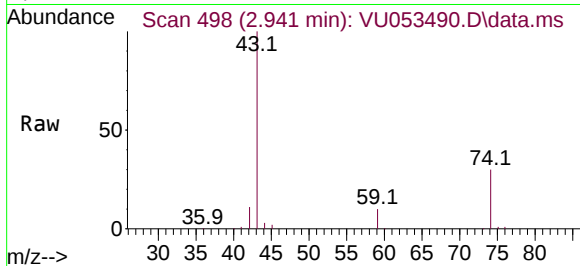




#15
Methyl Acetate
Concen: 101.213 ug/L
RT: 2.941 min Scan# 498
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

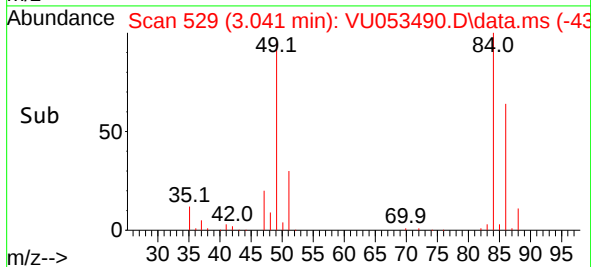
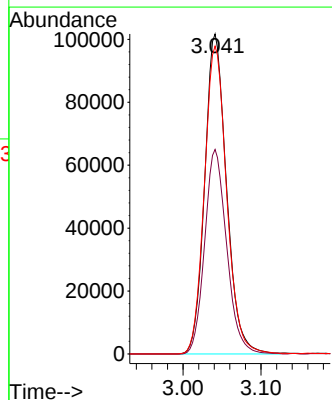
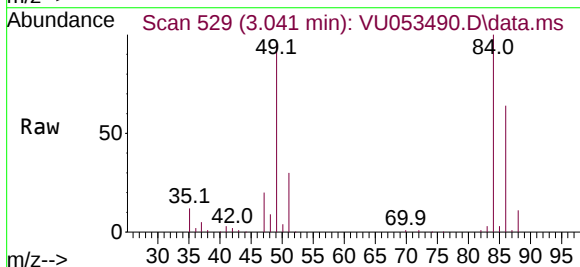
Instrument :
MSVOA_W
ClientSampleId :

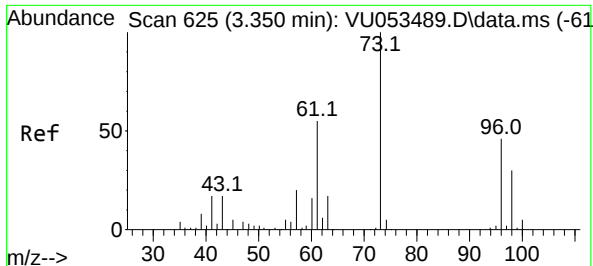
Tgt Ion: 43 Resp: 150147
Ion Ratio Lower Upper
43 100
74 29.4 22.0 33.0



#16
Methylene chloride
Concen: 83.220 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion: 84 Resp: 197817
Ion Ratio Lower Upper
84 100
86 63.9 43.5 80.9
49 96.2 69.7 129.5





#17

trans-1,2-Dichloroethene

Concen: 90.040 ug/L

RT: 3.346 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

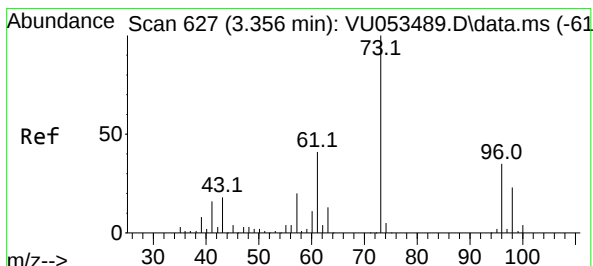
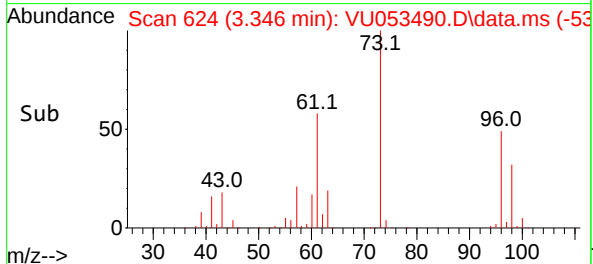
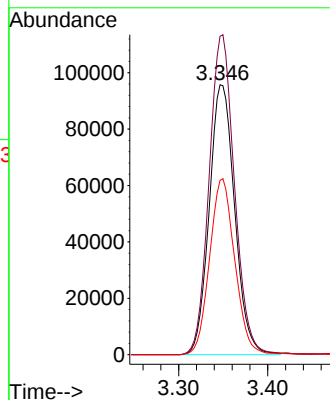
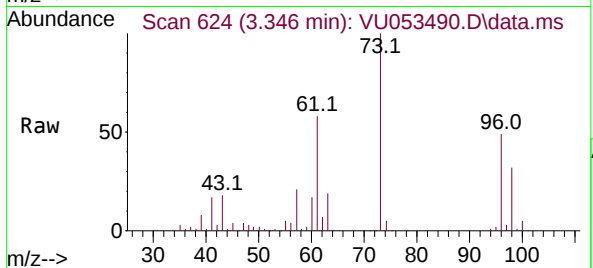
Tgt Ion: 96 Resp: 190027

Ion Ratio Lower Upper

96 100

61 118.0 84.4 156.8

98 64.5 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 84.364 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

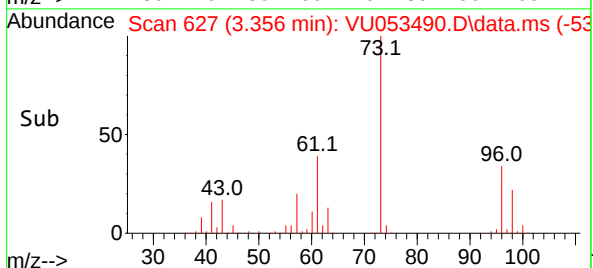
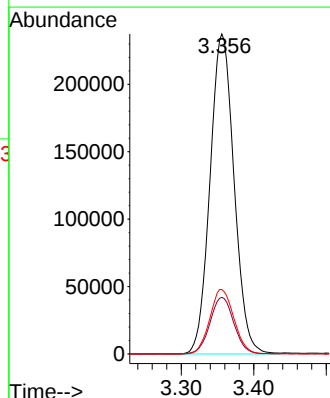
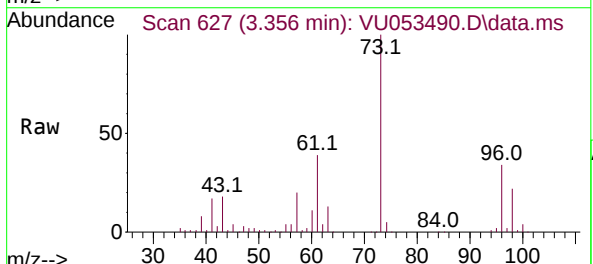
Tgt Ion: 73 Resp: 546227

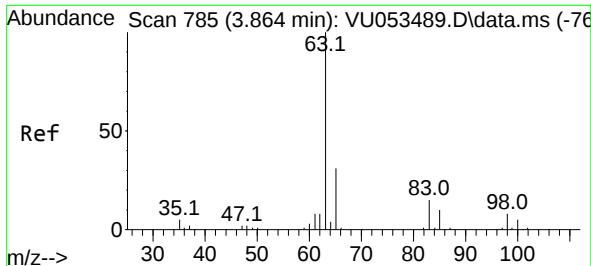
Ion Ratio Lower Upper

73 100

43 17.6 13.8 20.8

57 20.3 15.9 23.9





#19

1,1-Dichloroethane

Concen: 87.193 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

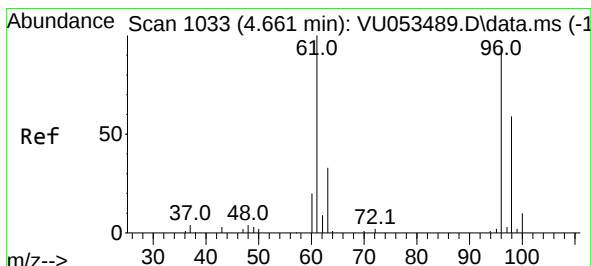
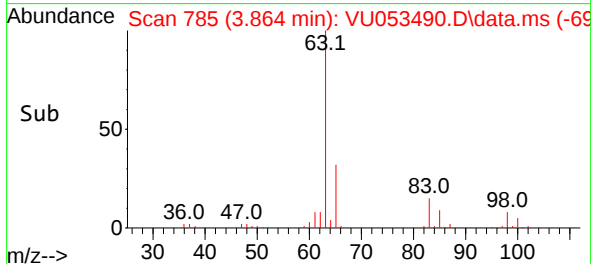
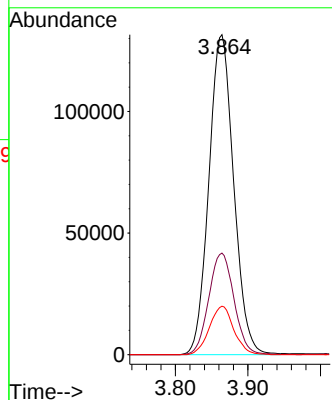
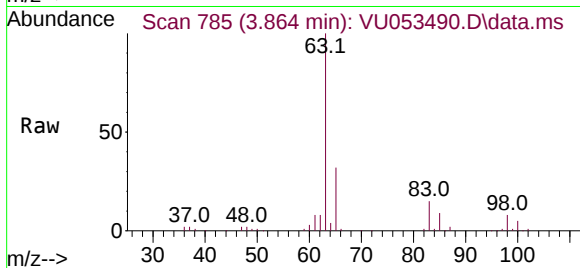
Tgt Ion: 63 Resp: 312966

Ion Ratio Lower Upper

63 100

65 31.7 22.0 41.0

83 15.2 10.8 20.0



#20

cis-1,2-Dichloroethene

Concen: 91.651 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

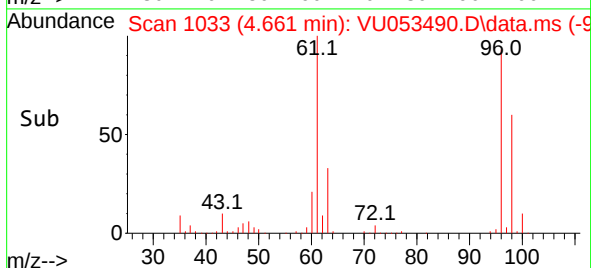
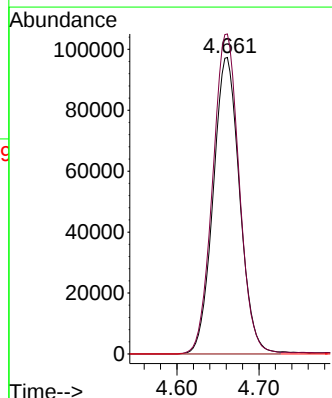
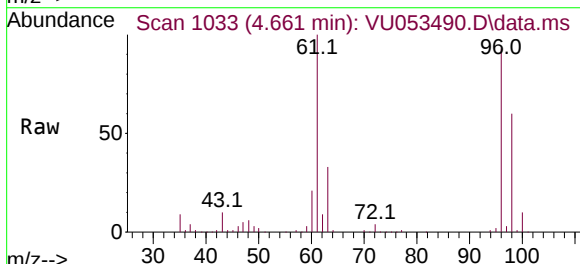
Tgt Ion: 96 Resp: 218384

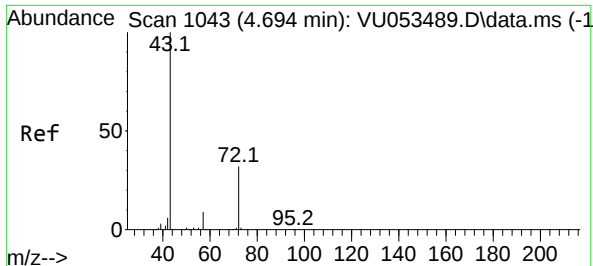
Ion Ratio Lower Upper

96 100

61 107.9 74.7 138.7

68 0.0 0.0 0.0

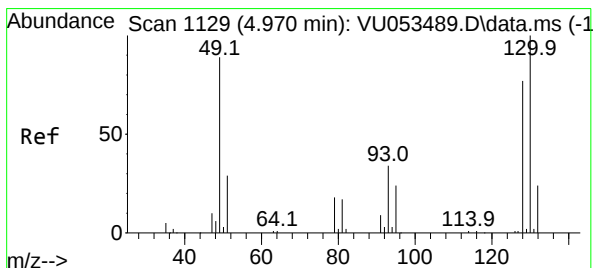
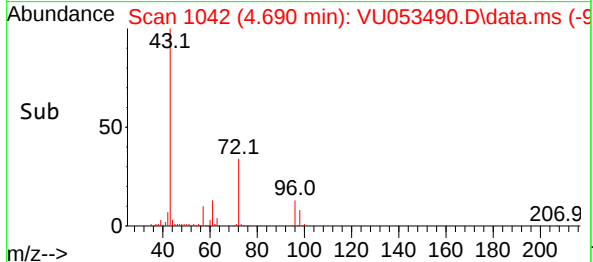
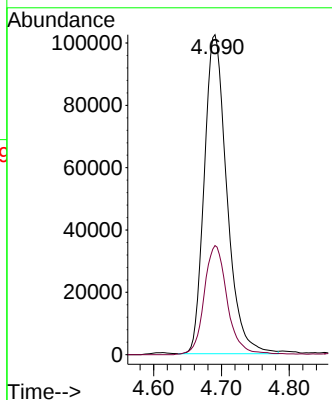
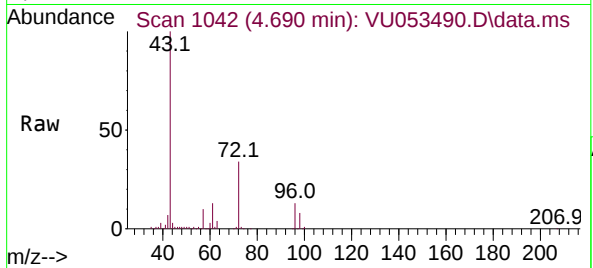




#22
2-Butanone
Concen: 200.370 ug/L
RT: 4.690 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

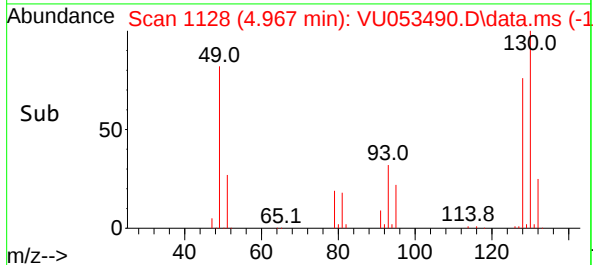
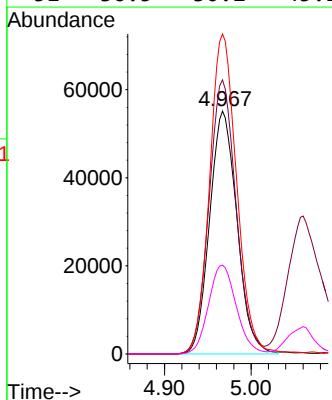
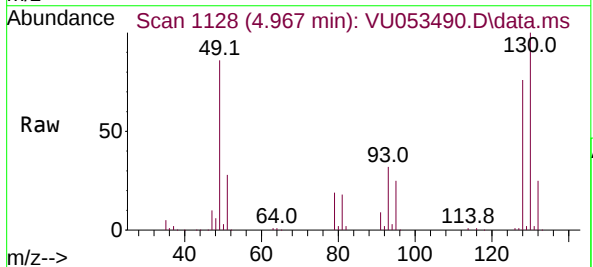
Instrument :
MSVOA_W
ClientSampleId :

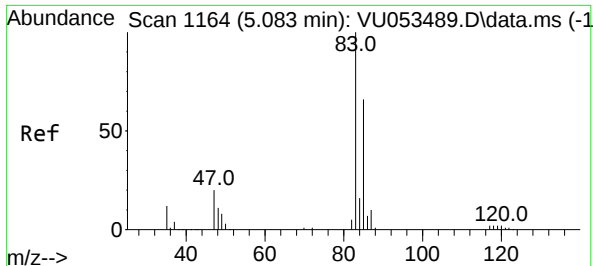
Tgt Ion: 43 Resp: 237061
Ion Ratio Lower Upper
43 100
72 35.0 15.8 47.3



#23
Bromochloromethane
Concen: 93.004 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion:128 Resp: 121108
Ion Ratio Lower Upper
128 100
49 112.8 81.5 151.3
130 131.7 91.8 170.4
51 36.5 30.2 45.2





#25

Chloroform

Concen: 88.153 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

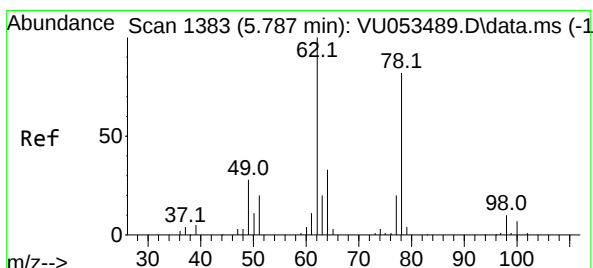
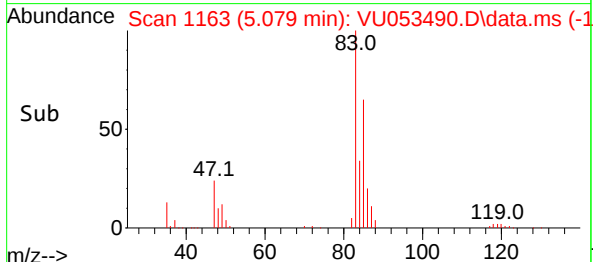
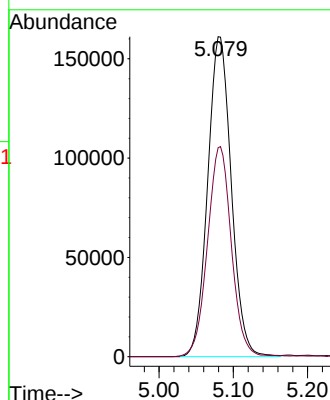
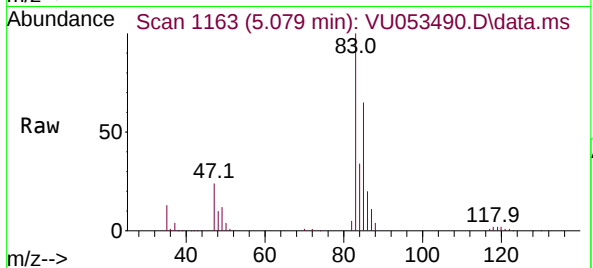
ClientSampleId :

Tgt Ion: 83 Resp: 355830

Ion Ratio Lower Upper

83 100

85 65.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 90.752 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VU053490.D

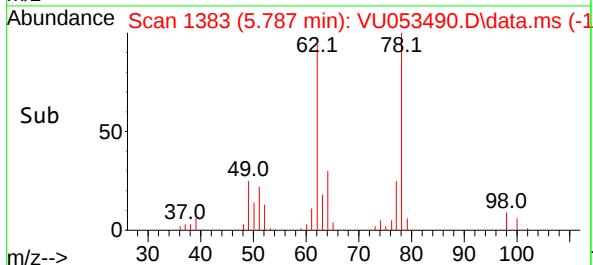
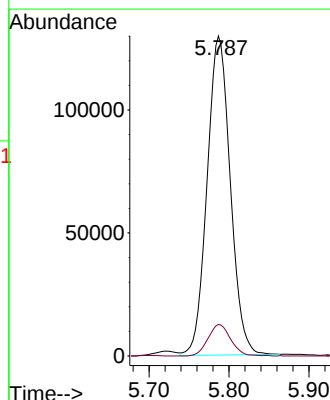
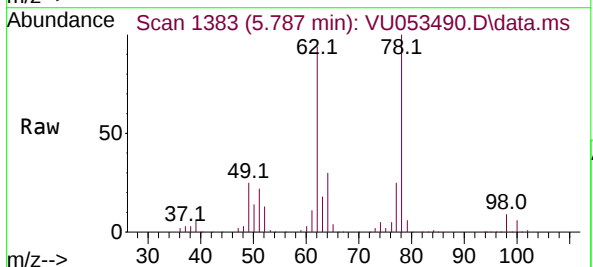
Acq: 31 Mar 2023 13:40

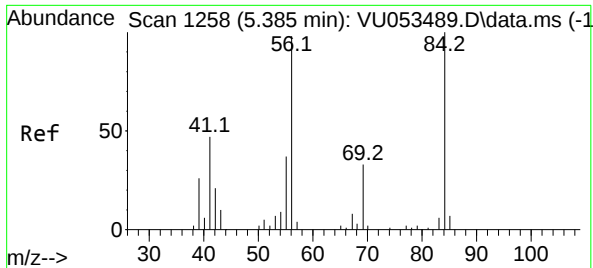
Tgt Ion: 62 Resp: 261466

Ion Ratio Lower Upper

62 100

98 9.8 8.3 12.5





#29

Cyclohexane

Concen: 84.537 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

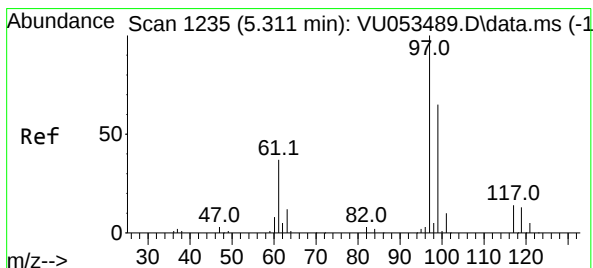
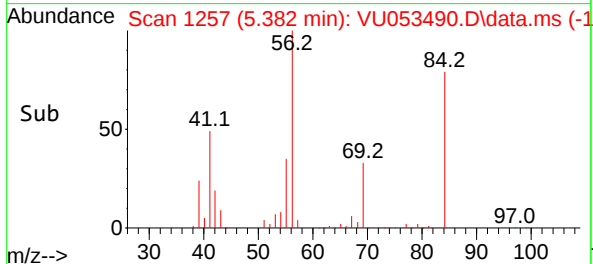
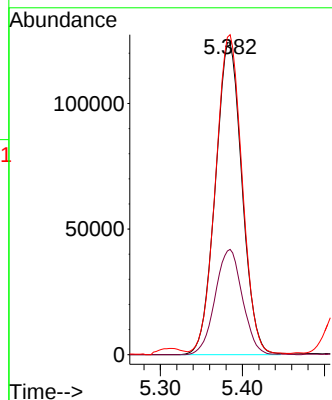
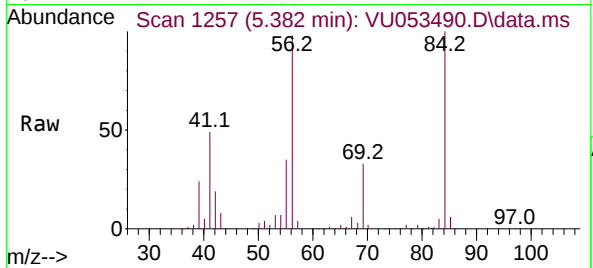
Tgt Ion: 56 Resp: 280752

Ion Ratio Lower Upper

56 100

69 34.4 27.3 40.9

84 101.8 81.3 121.9



#30

1,1,1-Trichloroethane

Concen: 87.305 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

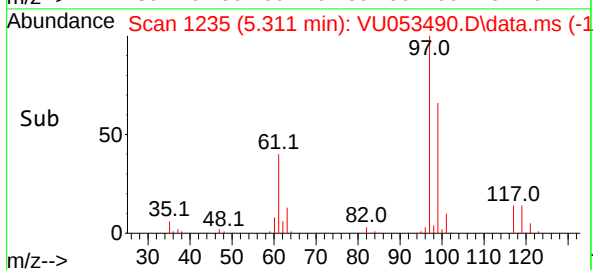
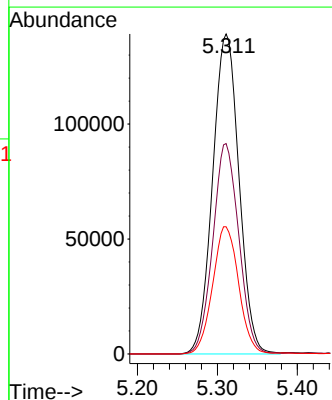
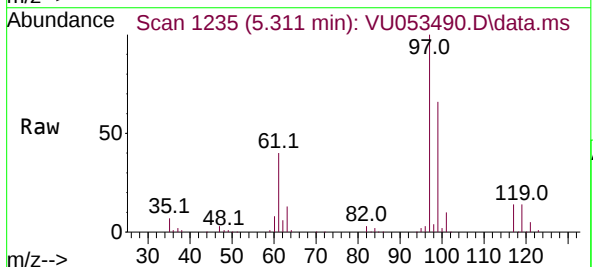
Tgt Ion: 97 Resp: 318812

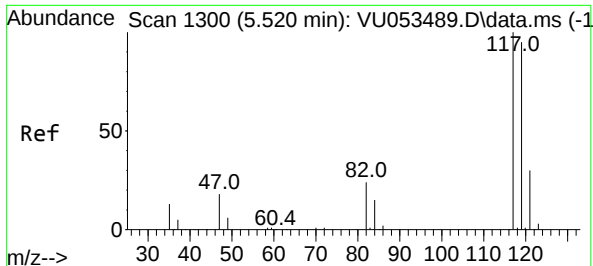
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 39.3 31.0 46.4

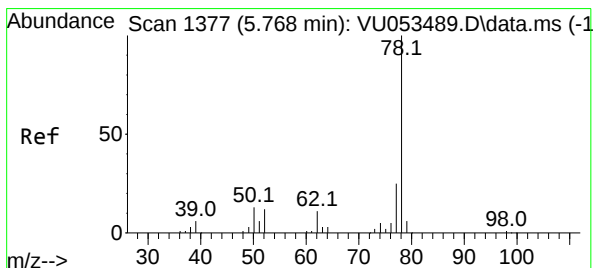
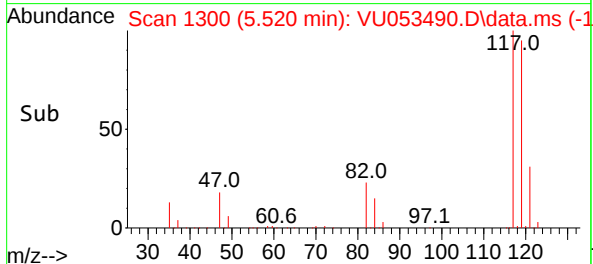
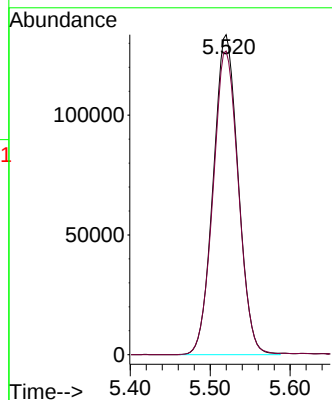
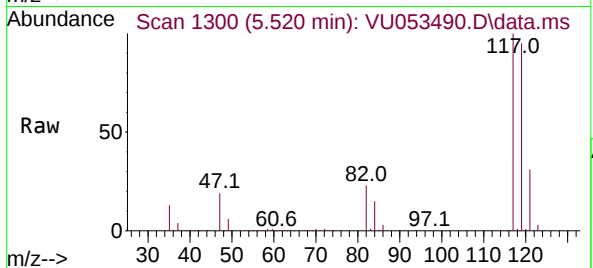




#31
Carbon tetrachloride
Concen: 90.448 ug/L
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

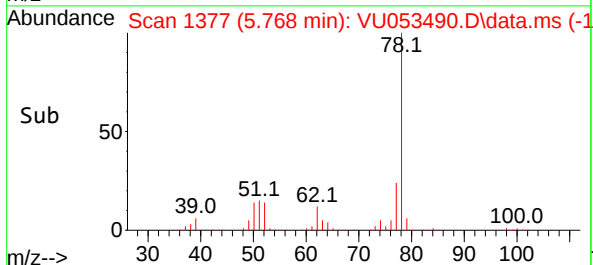
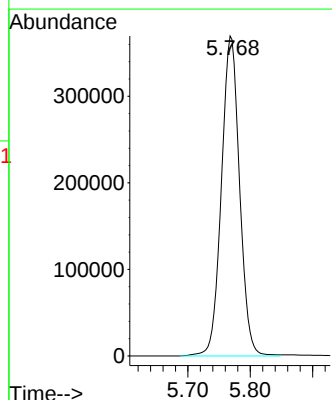
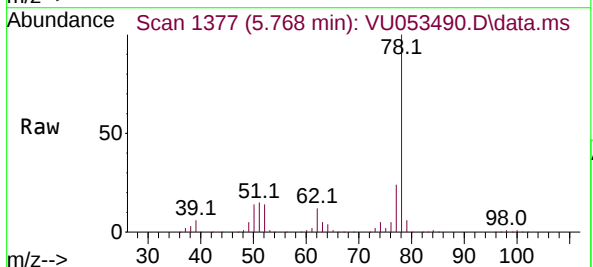
Instrument :
MSVOA_W
ClientSampleId :

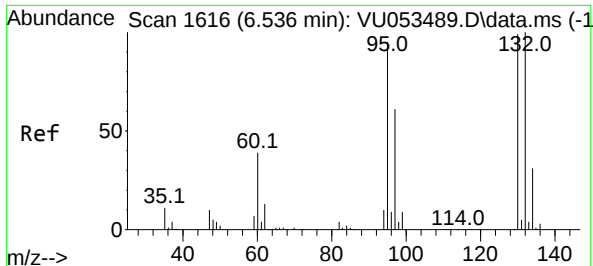
Tgt Ion:117 Resp: 289875
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 86.085 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion: 78 Resp: 746792





#34

Trichloroethene

Concen: 93.306 ug/L

RT: 6.536 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 224438

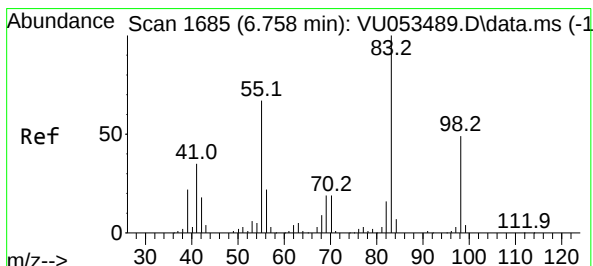
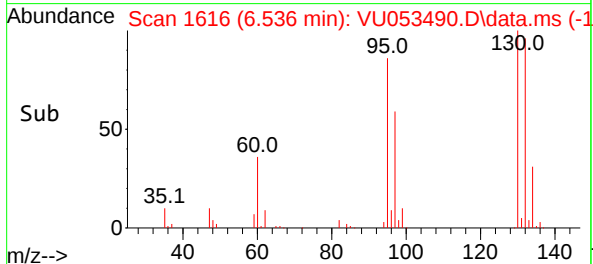
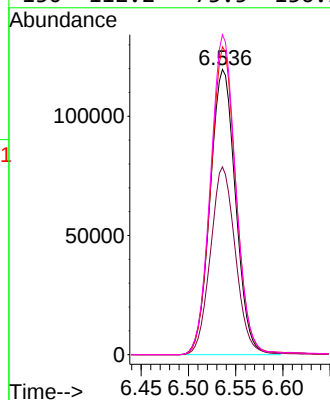
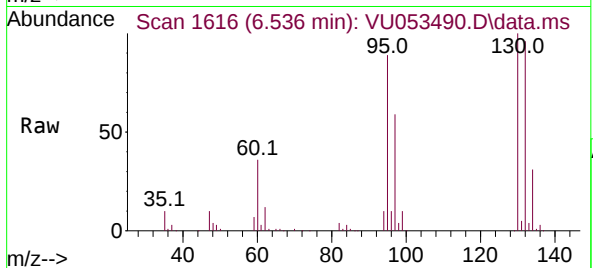
Ion Ratio Lower Upper

95 100

97 65.9 45.1 83.7

132 107.9 74.1 137.5

130 112.2 73.5 136.5



#35

Methylcyclohexane

Concen: 85.828 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

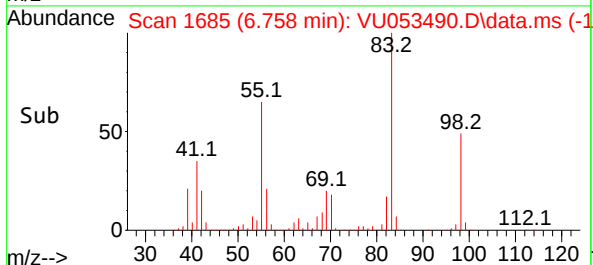
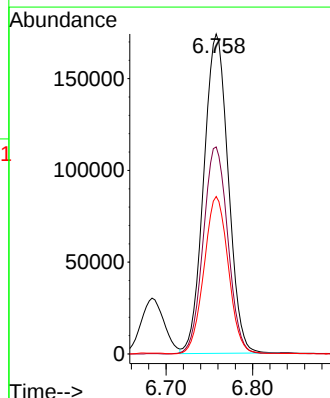
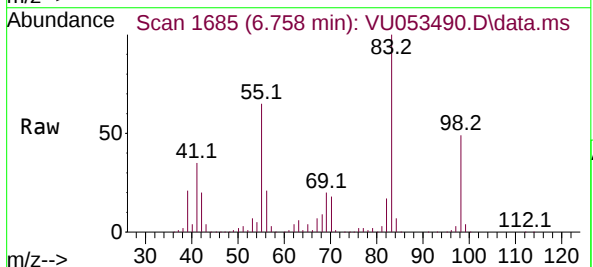
Tgt Ion: 83 Resp: 341759

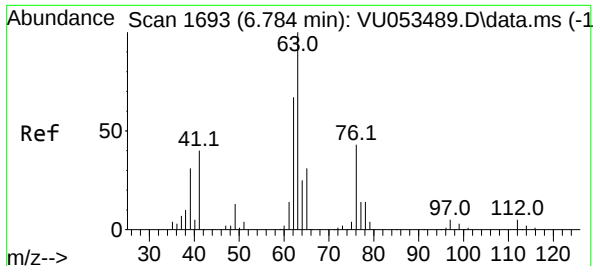
Ion Ratio Lower Upper

83 100

55 65.2 53.0 79.6

98 48.9 39.0 58.6





#37

1,2-Dichloropropane

Concen: 85.116 ug/L

RT: 6.784 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

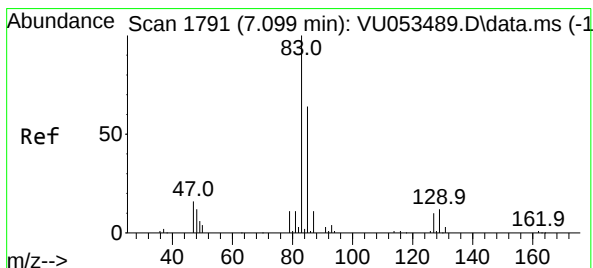
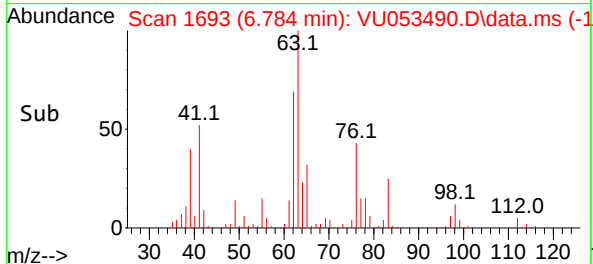
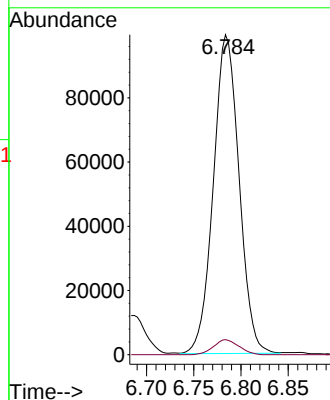
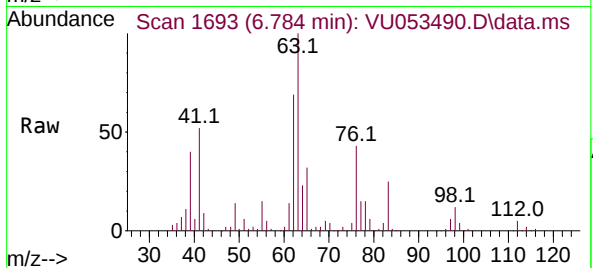
ClientSampleId :

Tgt Ion: 63 Resp: 187814

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 83.067 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

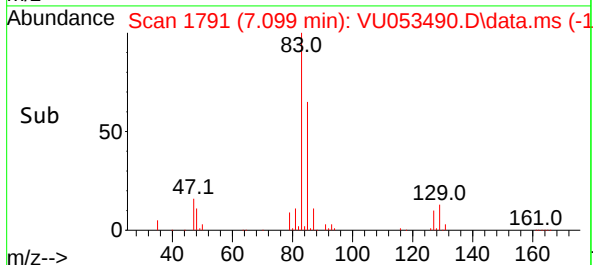
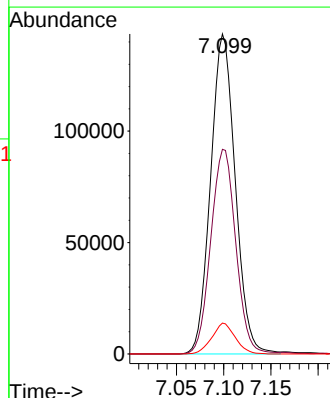
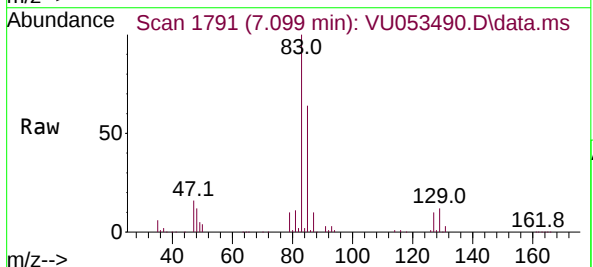
Tgt Ion: 83 Resp: 260335

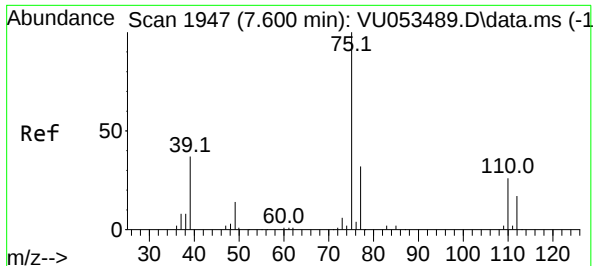
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5

127 9.7 8.0 12.0





#39

cis-1,3-Dichloropropene

Concen: 89.322 ug/L

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

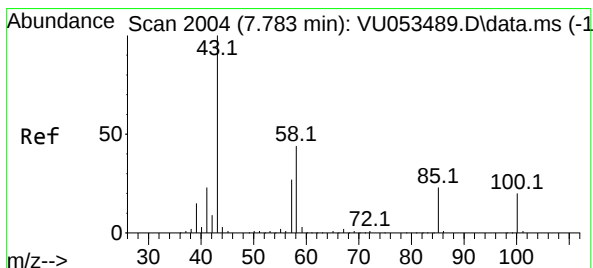
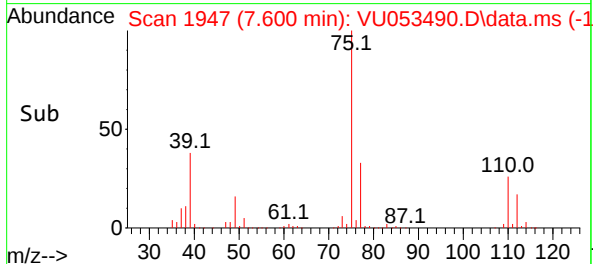
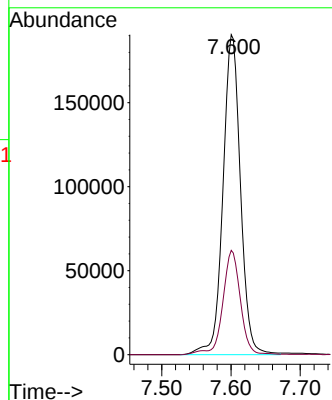
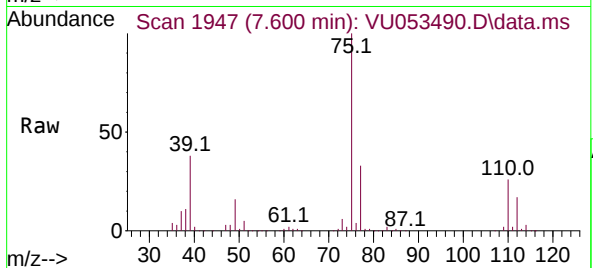
ClientSampleId :

Tgt Ion: 75 Resp: 335412

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 194.534 ug/L

RT: 7.784 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

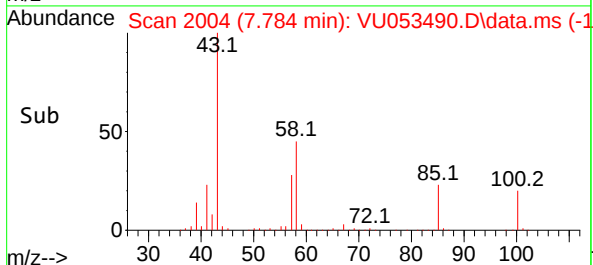
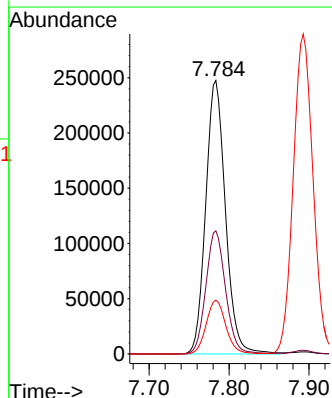
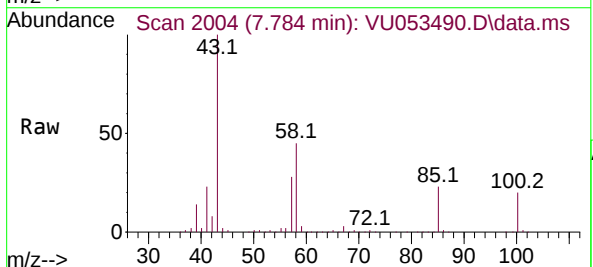
Tgt Ion: 43 Resp: 425554

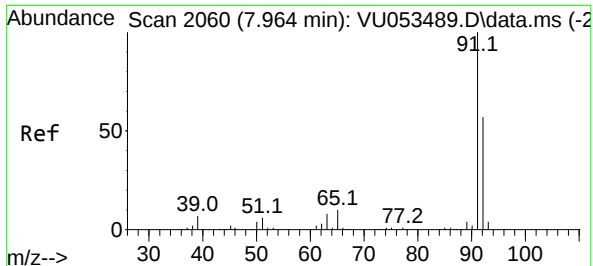
Ion Ratio Lower Upper

43 100

58 45.0 35.5 53.3

100 19.6 15.8 23.8





#42

Toluene

Concen: 87.720 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

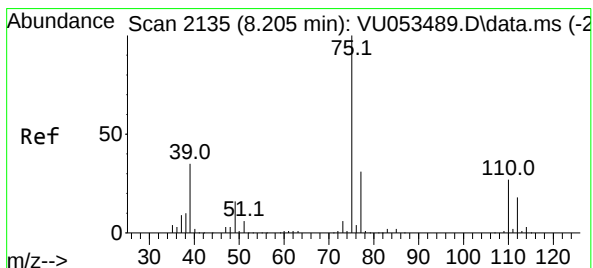
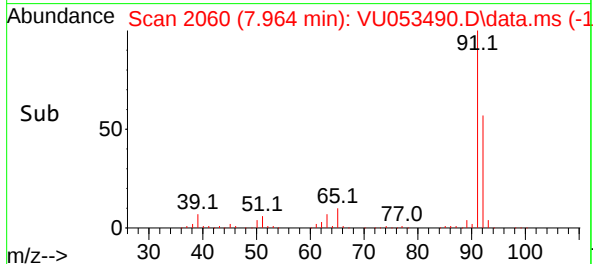
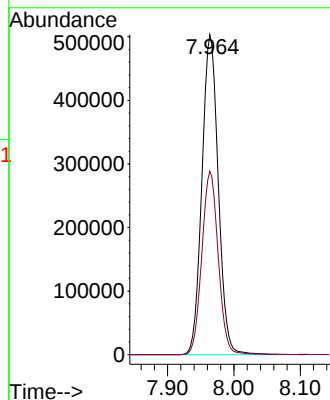
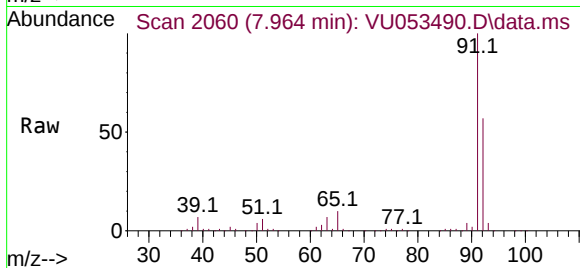
ClientSampleId :

Tgt Ion: 91 Resp: 862620

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 85.895 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU053490.D

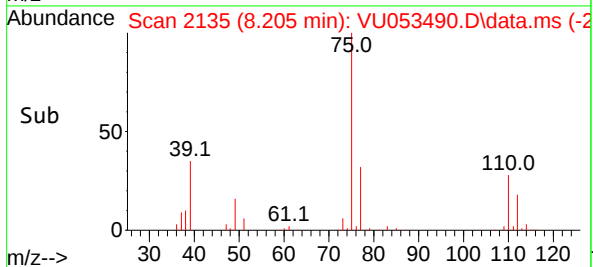
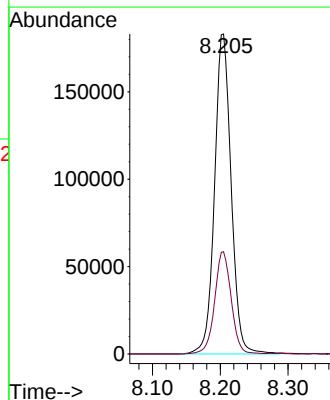
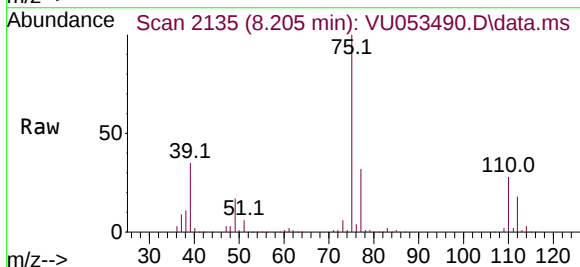
Acq: 31 Mar 2023 13:40

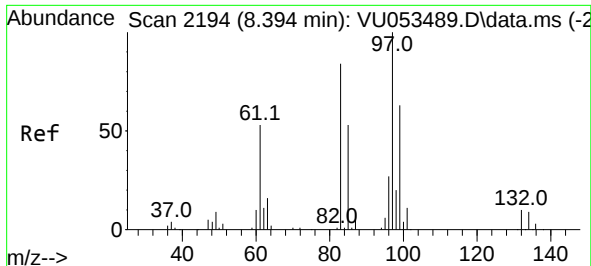
Tgt Ion: 75 Resp: 311418

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4



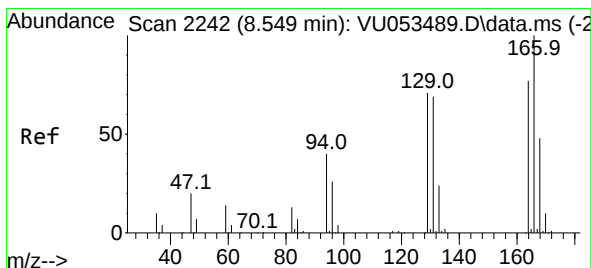
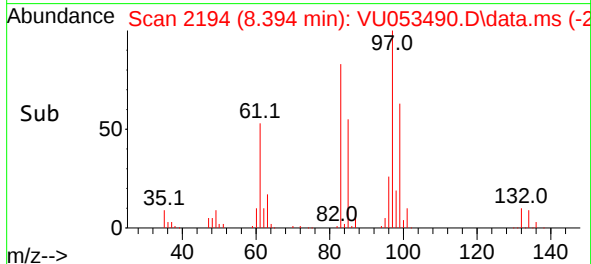
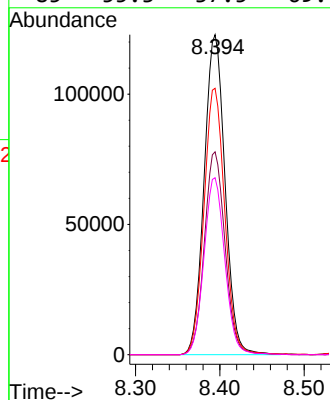
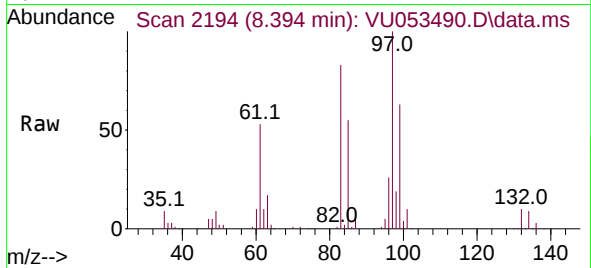


#45
1,1,2-Trichloroethane
Concen: 92.106 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 212127

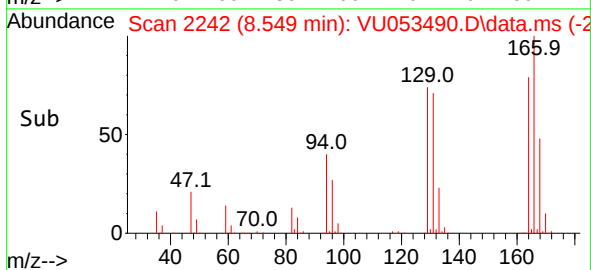
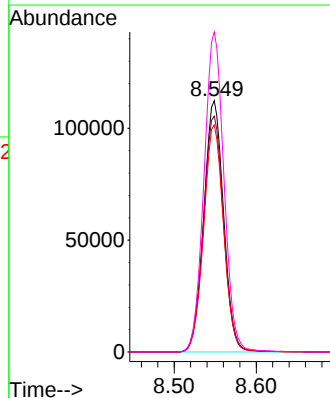
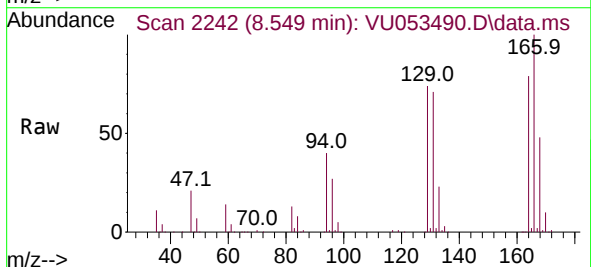
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.8	81.3
83	83.2	59.0	109.6
85	55.3	37.5	69.7

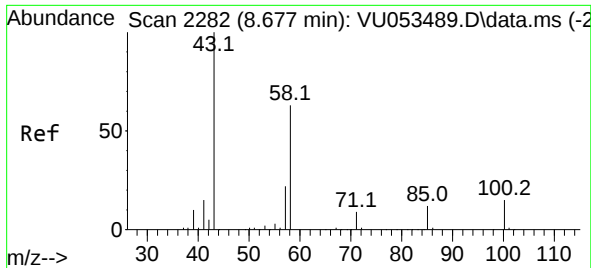


#46
Tetrachloroethene
Concen: 98.548 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion: 164 Resp: 189299

Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.0	119.0
131	90.3	61.9	115.1
166	127.3	90.6	168.2

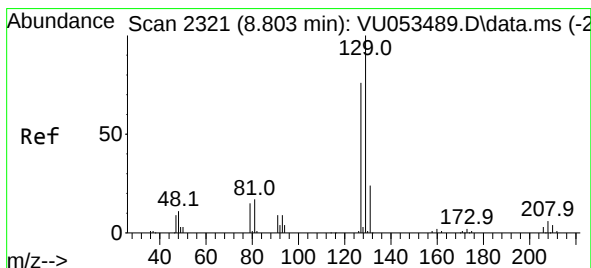
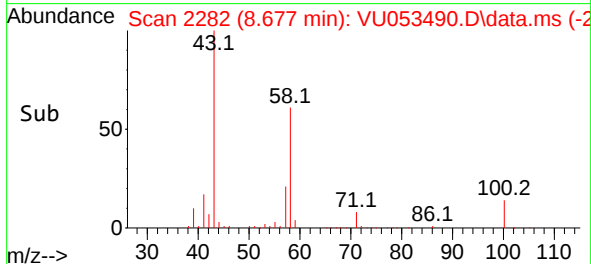
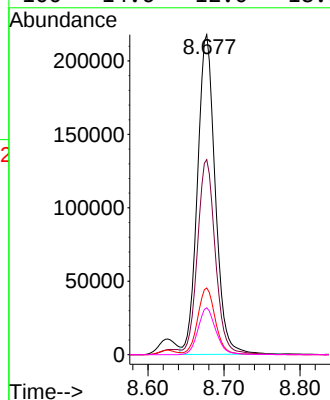
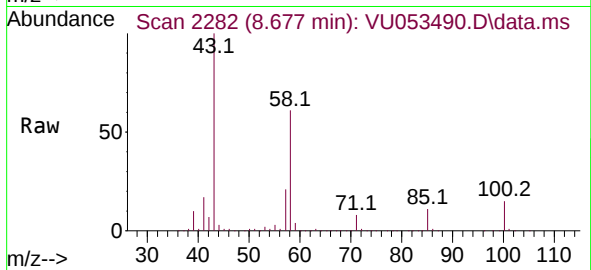




#48
2-Hexanone
Concen: 203.138 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

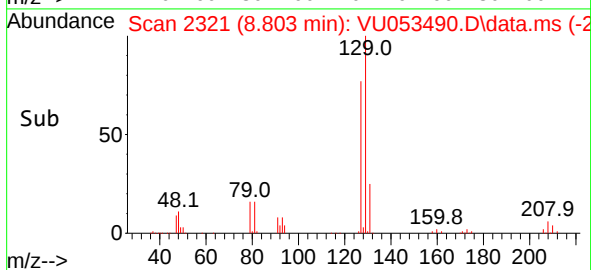
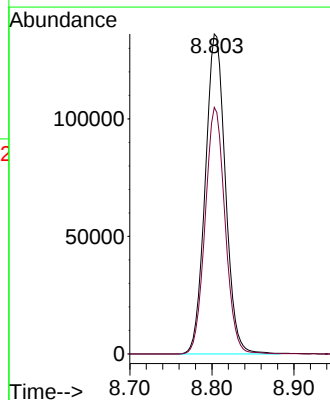
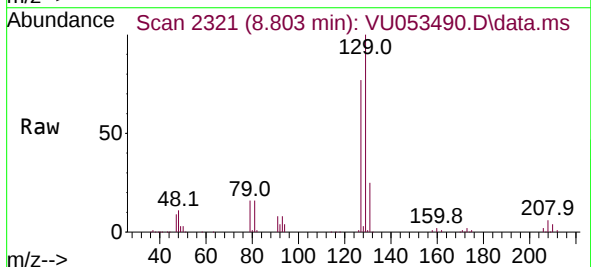
Instrument :
MSVOA_W
ClientSampleId :

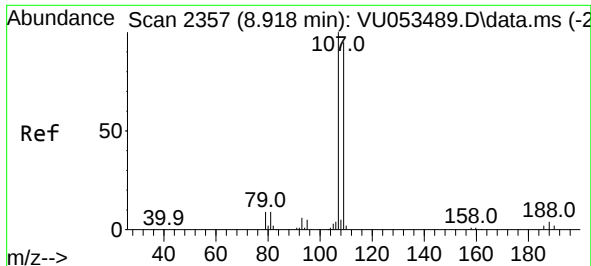
Tgt Ion:	43	Resp:	353384
Ion	Ratio	Lower	Upper
43	100		
58	61.7	49.8	74.6
57	21.0	17.8	26.6
100	14.6	12.0	18.0



#49
Dibromochloromethane
Concen: 85.602 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion:	129	Resp:	231811
Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.5	99.3

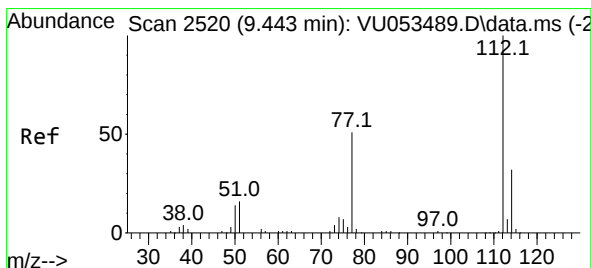
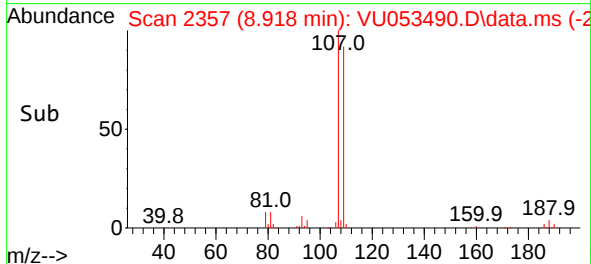
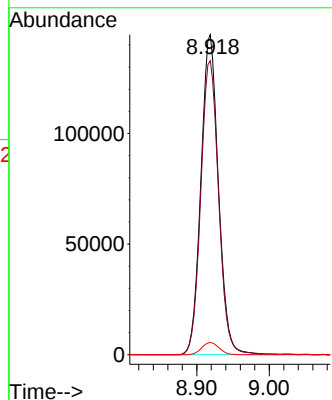
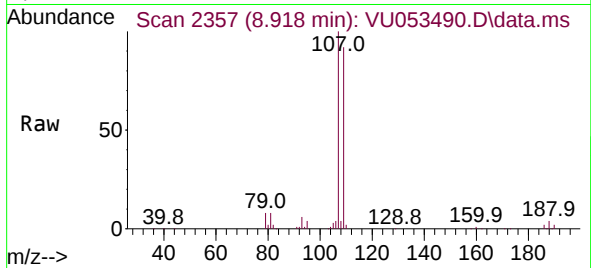




#50
1,2-Dibromoethane
Concen: 96.598 ug/L
RT: 8.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

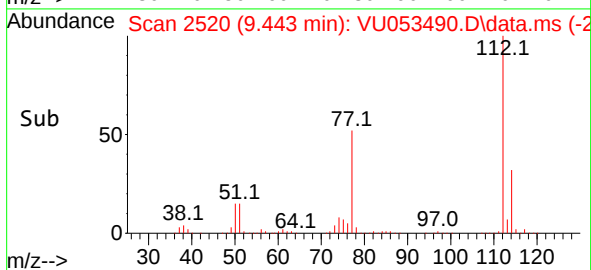
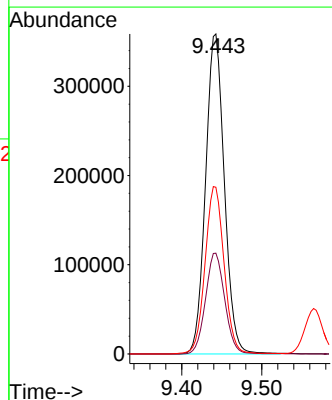
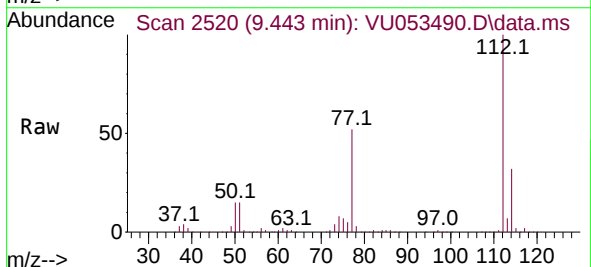
Instrument :
MSVOA_W
ClientSampleId :

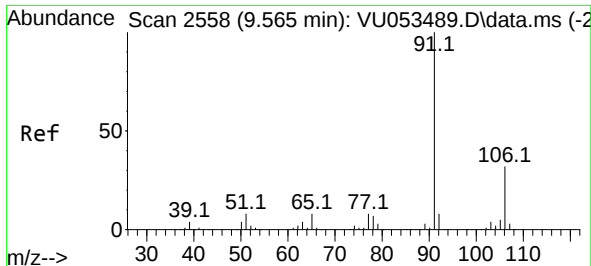
Tgt Ion:107 Resp: 243385
Ion Ratio Lower Upper
107 100
109 91.9 66.3 123.1
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 91.932 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion:112 Resp: 587071
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 52.1 41.3 61.9

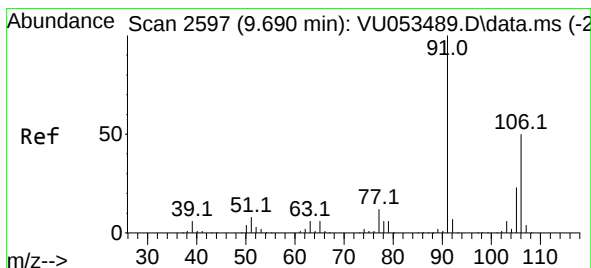
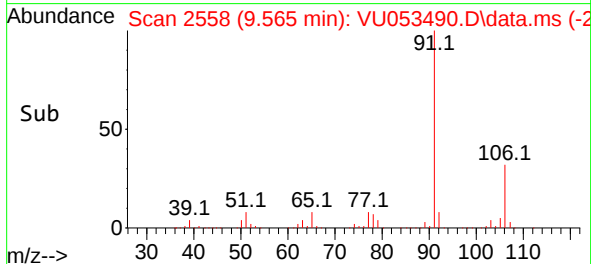
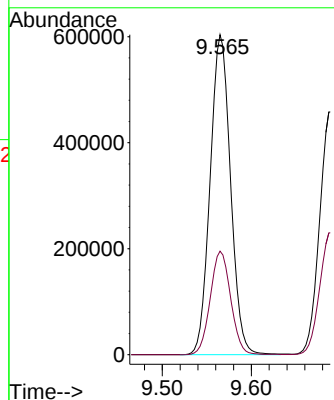
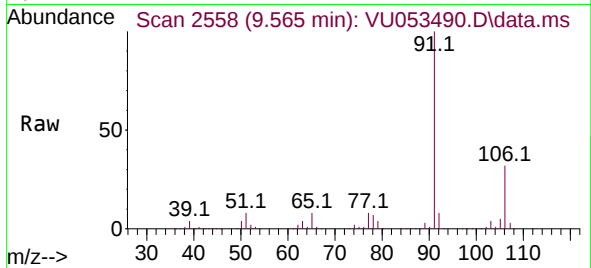




#52
Ethylbenzene
Concen: 88.436 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

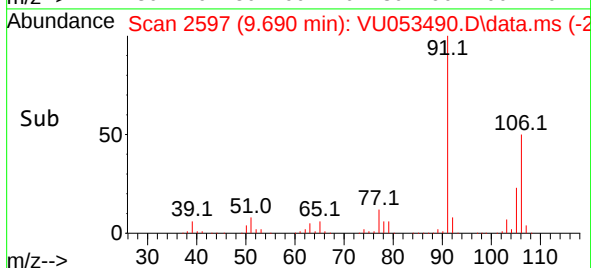
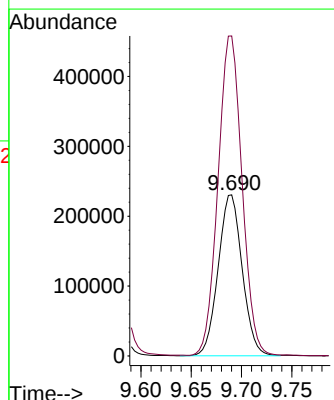
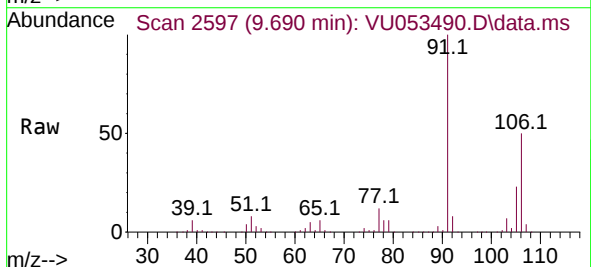
Instrument :
MSVOA_W
ClientSampleId :

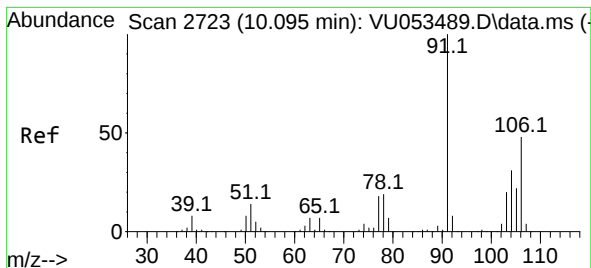
Tgt Ion: 91 Resp: 958506
Ion Ratio Lower Upper
91 100
106 32.4 22.4 41.6



#53
m,p-Xylene
Concen: 89.610 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion:106 Resp: 382637
Ion Ratio Lower Upper
106 100
91 198.5 140.0 260.0





#54

o-xylene

Concen: 88.191 ug/L

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

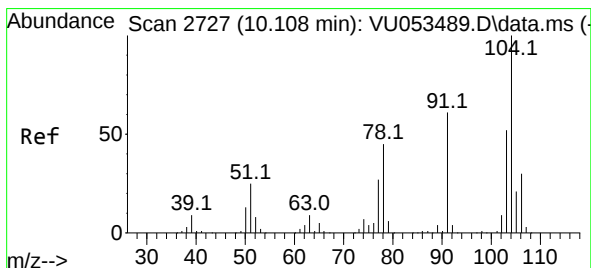
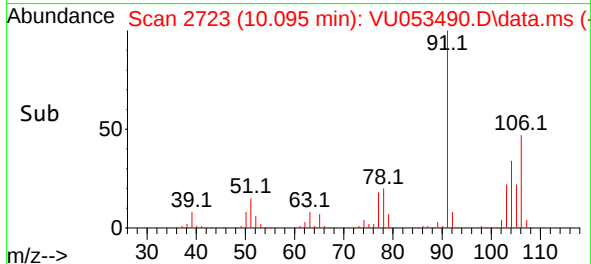
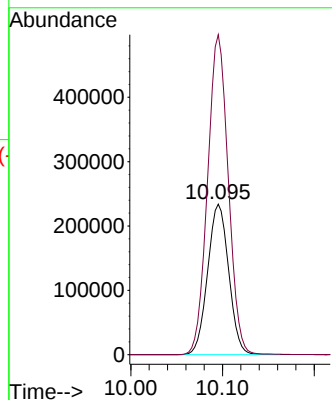
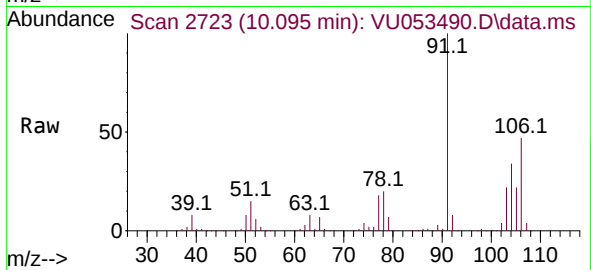
ClientSampleId :

Tgt Ion:106 Resp: 373414

Ion Ratio Lower Upper

106 100

91 212.5 144.9 269.1



#55

Styrene

Concen: 89.934 ug/L

RT: 10.108 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU053490.D

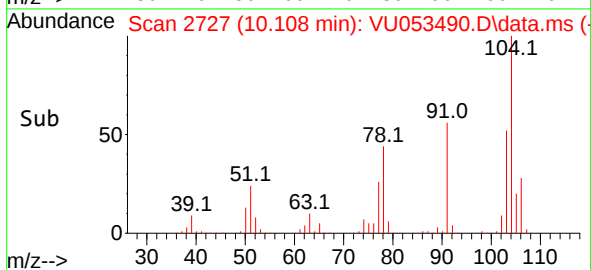
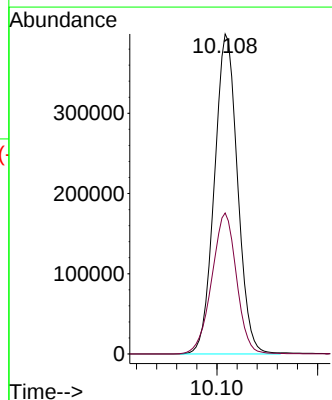
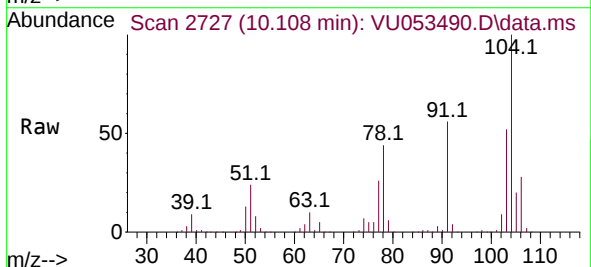
Acq: 31 Mar 2023 13:40

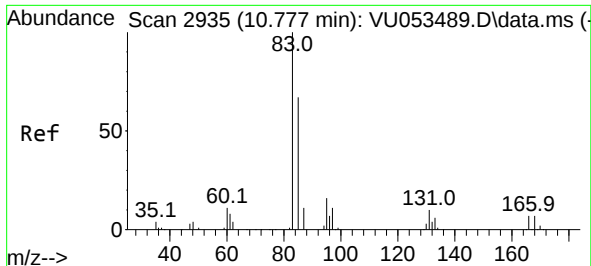
Tgt Ion:104 Resp: 637827

Ion Ratio Lower Upper

104 100

78 44.1 31.3 58.1

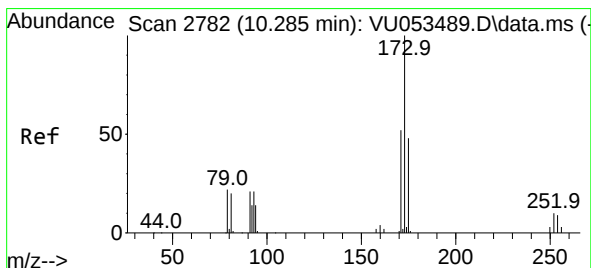
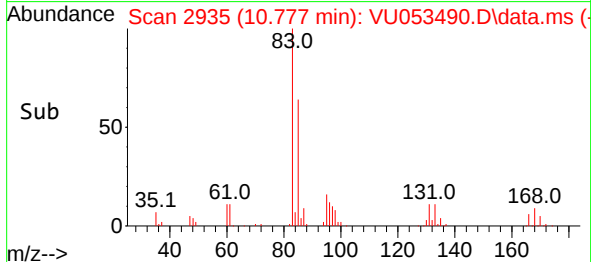
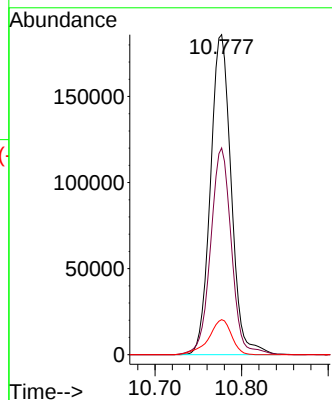
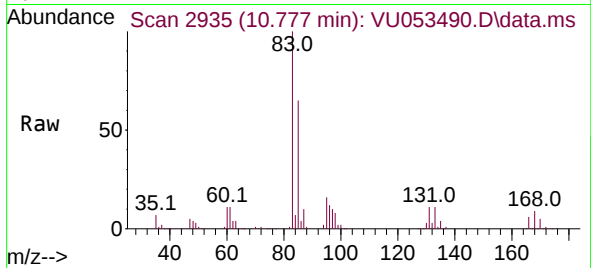




#57
1,1,2,2-Tetrachloroethane
Concen: 87.192 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

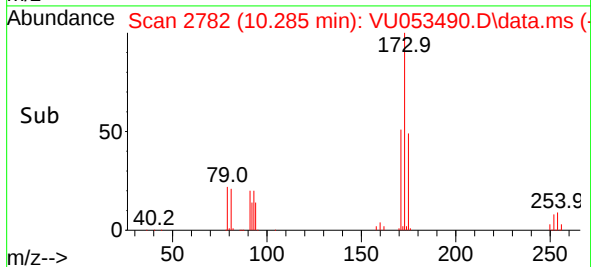
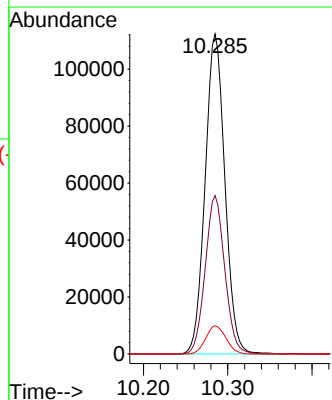
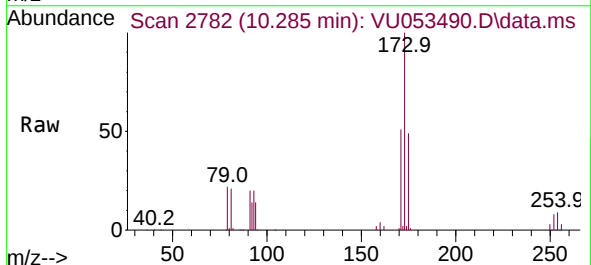
Instrument :
MSVOA_W
ClientSampleId :

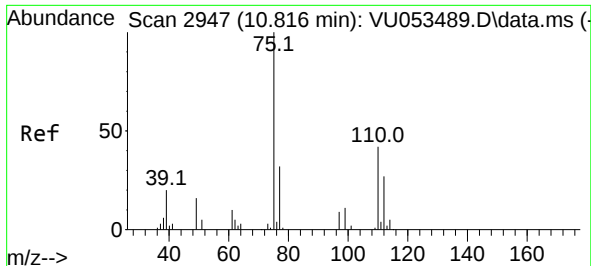
Tgt Ion: 83 Resp: 308443
Ion Ratio Lower Upper
83 100
85 64.6 47.0 87.4
131 10.9 8.7 13.1



#59
Bromoform
Concen: 84.989 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion:173 Resp: 183347
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 9.0 7.0 10.4

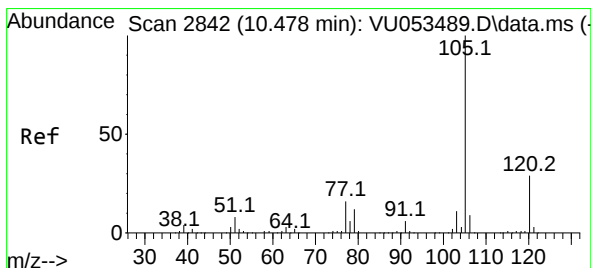
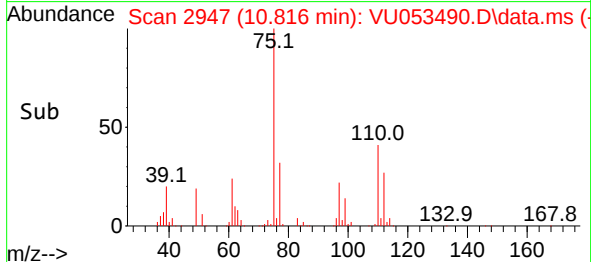
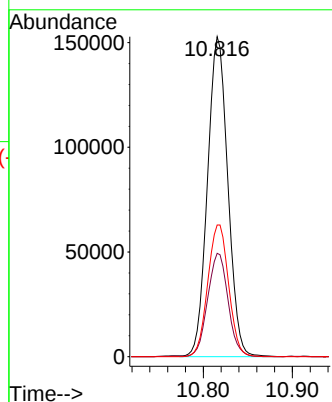
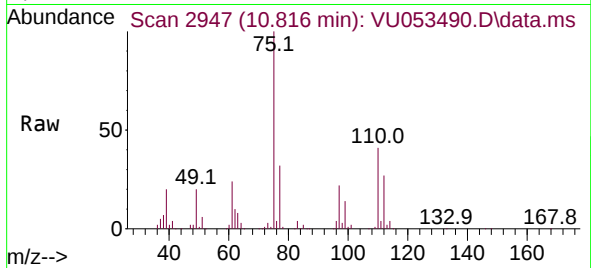




#60
1,2,3-Trichloropropane
Concen: 87.406 ug/L
RT: 10.816 min Scan# 2947
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

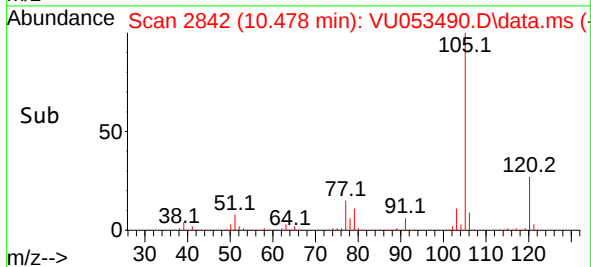
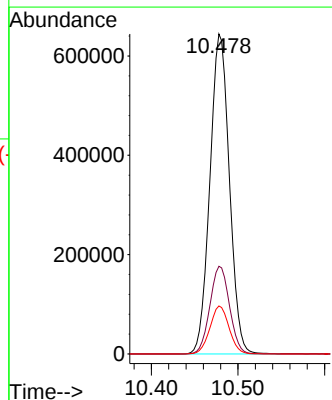
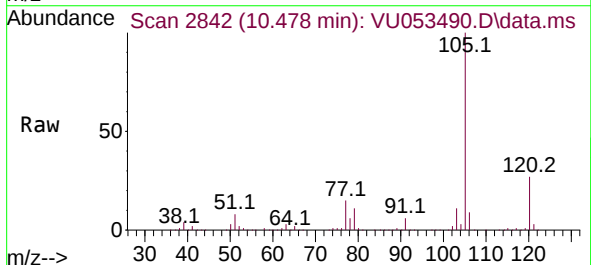
Instrument :
MSVOA_W
ClientSampleId :

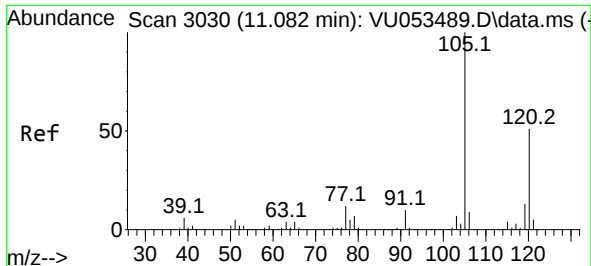
Tgt Ion: 75 Resp: 242470
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 42.1 32.6 48.8



#61
Isopropylbenzene
Concen: 87.073 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion: 105 Resp: 1005791
Ion Ratio Lower Upper
105 100
120 27.6 22.4 33.6
77 14.8 12.1 18.1

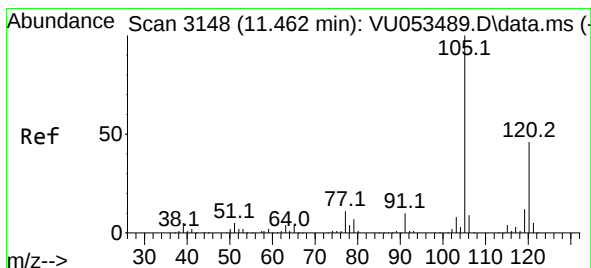
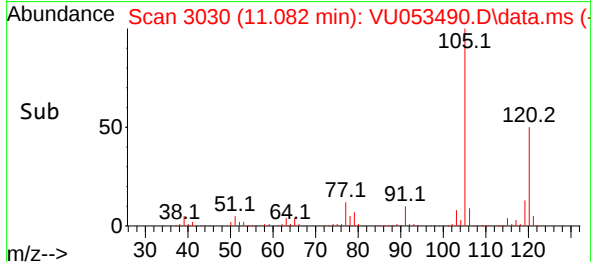
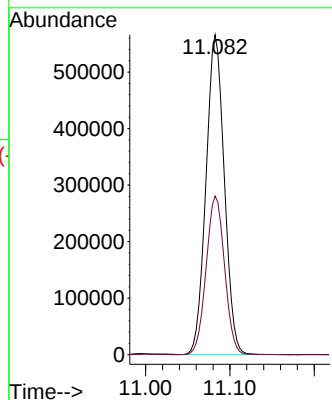
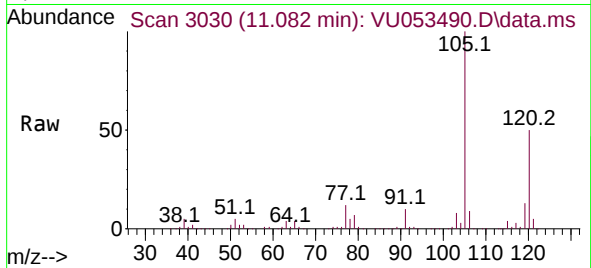




#62
1,3,5-Trimethylbenzene
Concen: 84.782 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

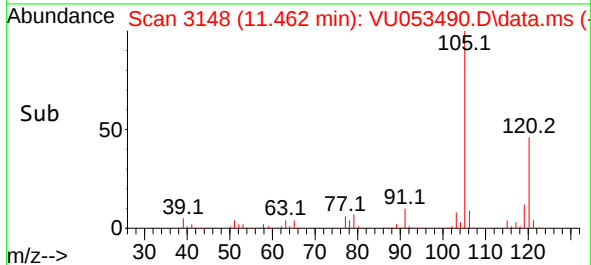
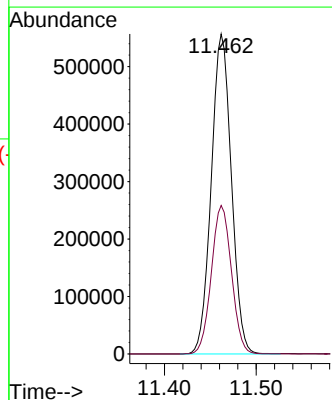
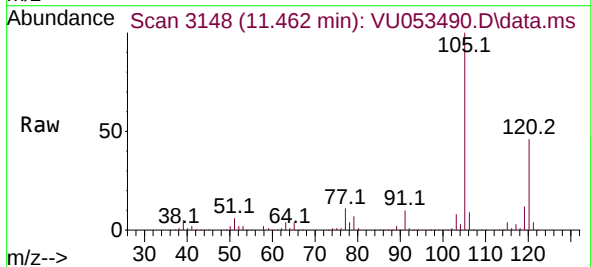
Instrument :
MSVOA_W
ClientSampleId :

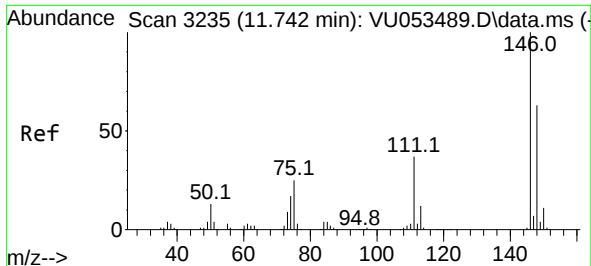
Tgt Ion:105 Resp: 855378
Ion Ratio Lower Upper
105 100
120 50.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 86.369 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU053490.D
Acq: 31 Mar 2023 13:40

Tgt Ion:105 Resp: 849378
Ion Ratio Lower Upper
105 100
120 46.3 37.5 56.3





#64

1,3-Dichlorobenzene

Concen: 96.499 ug/L

RT: 11.738 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

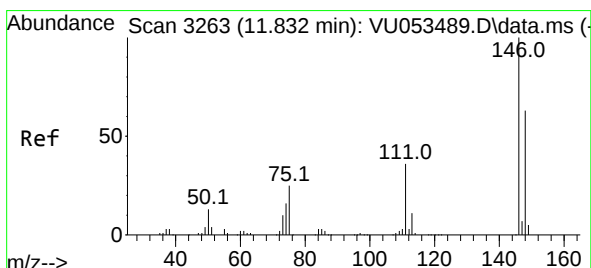
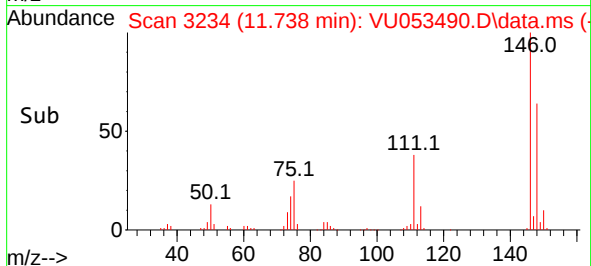
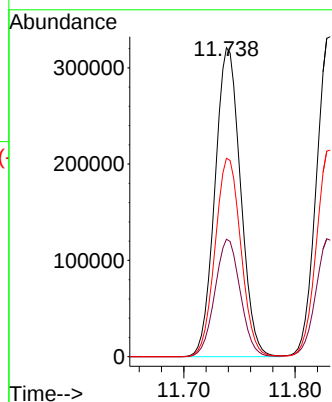
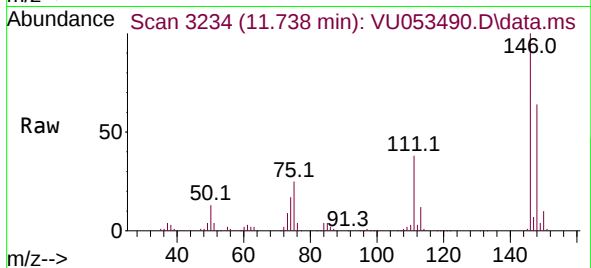
Tgt Ion:146 Resp: 512807

Ion Ratio Lower Upper

146 100

111 38.0 25.7 47.7

148 64.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 96.616 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

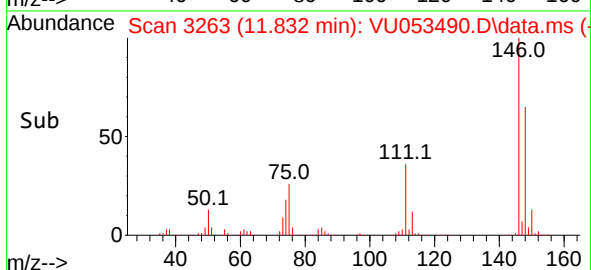
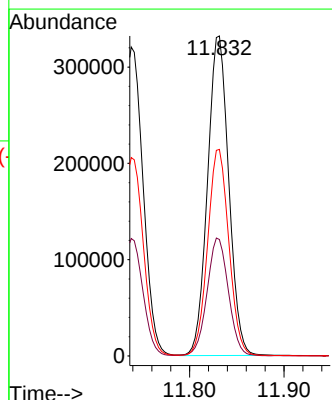
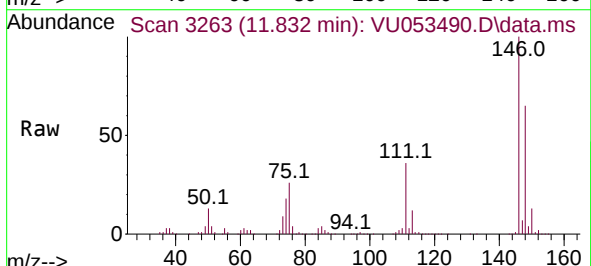
Tgt Ion:146 Resp: 516788

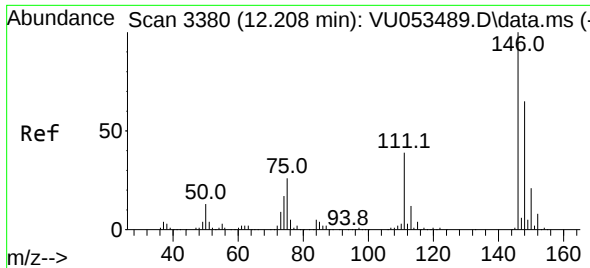
Ion Ratio Lower Upper

146 100

111 36.4 25.1 46.5

148 64.5 44.3 82.3

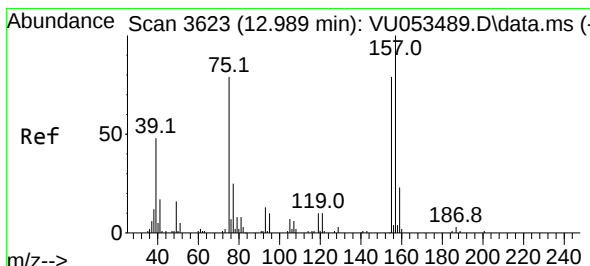
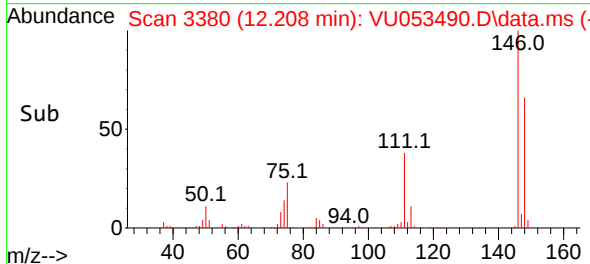
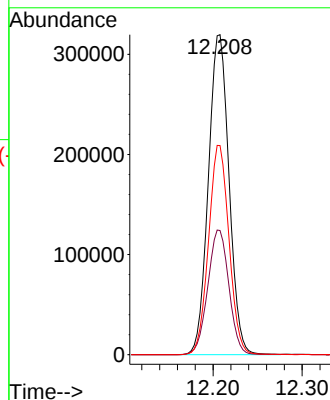
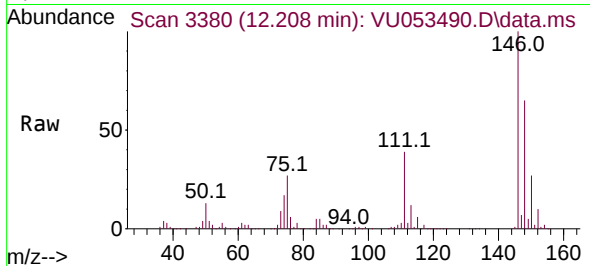




#67
 1,2-Dichlorobenzene
 Concen: 96.101 ug/L
 RT: 12.208 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: VU053490.D
 Acq: 31 Mar 2023 13:40

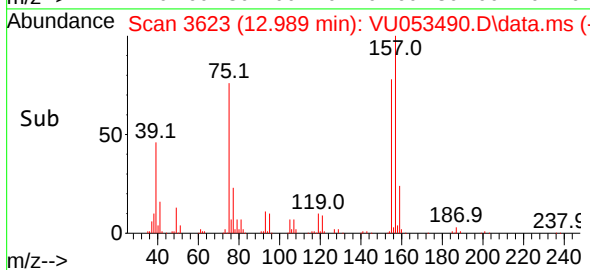
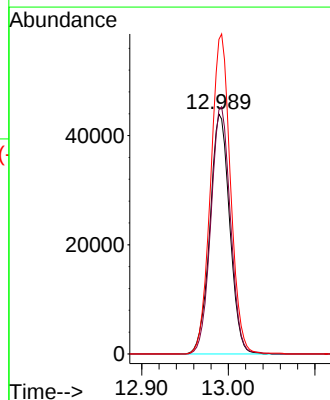
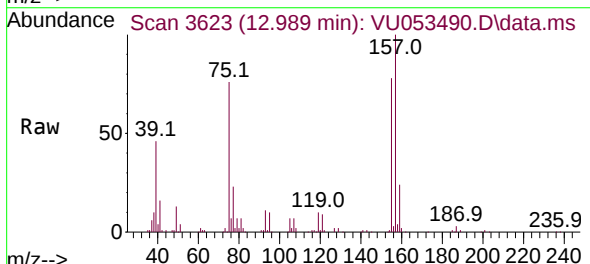
Instrument :
 MSVOA_W
 ClientSampleId :

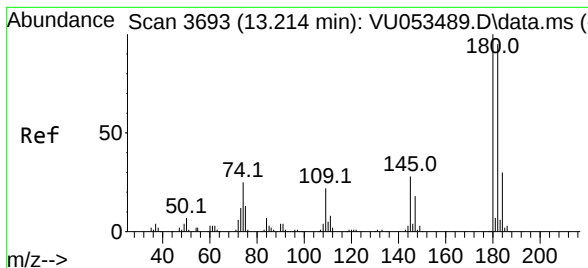
Tgt Ion:146 Resp: 514620
 Ion Ratio Lower Upper
 146 100
 111 38.8 31.5 47.3
 148 65.4 51.6 77.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 84.576 ug/L
 RT: 12.989 min Scan# 3623
 Delta R.T. 0.000 min
 Lab File: VU053490.D
 Acq: 31 Mar 2023 13:40

Tgt Ion: 75 Resp: 69698
 Ion Ratio Lower Upper
 75 100
 155 101.9 79.9 119.9
 157 131.2 100.8 151.2





#69

1,3,5-Trichlorobenzene

Concen: 96.260 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 392337

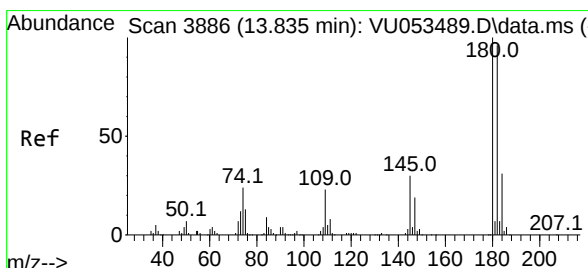
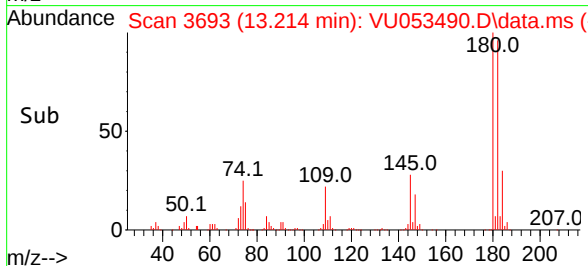
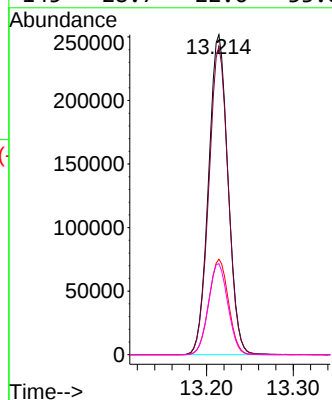
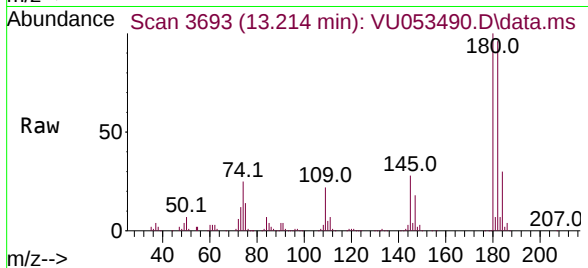
Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

184 30.1 24.2 36.2

145 28.7 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 100.575 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

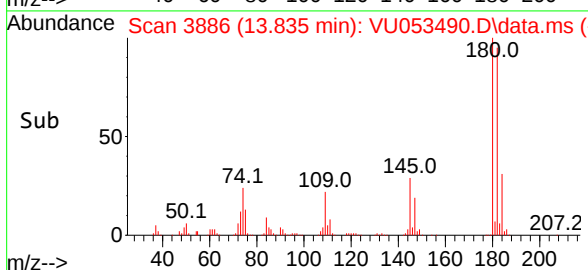
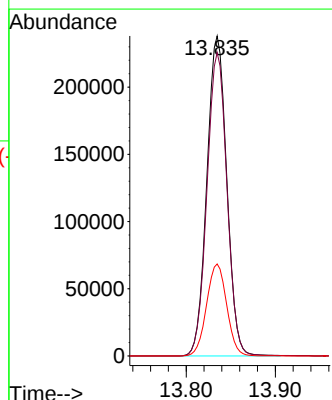
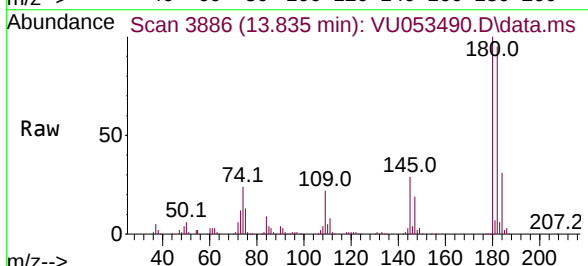
Tgt Ion:180 Resp: 369099

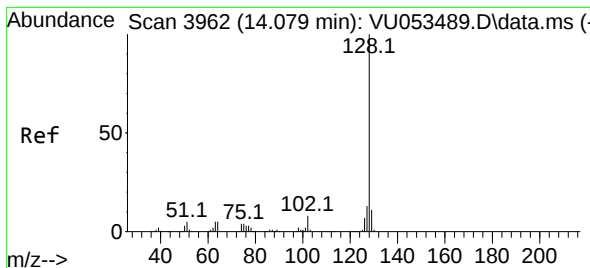
Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.8

145 29.0 23.4 35.2





#71

Naphthalene

Concen: 102.077 ug/L

RT: 14.079 min Scan# 3962

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Instrument :

MSVOA_W

ClientSampleId :

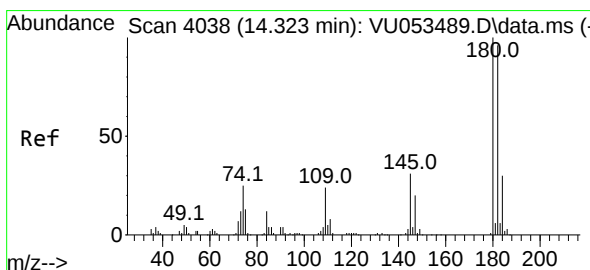
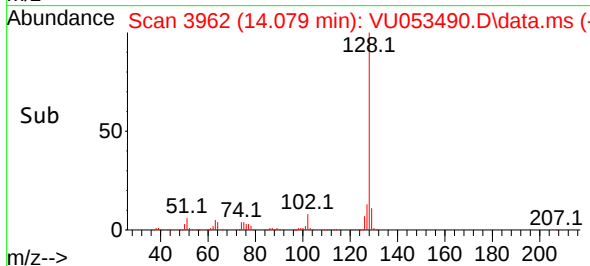
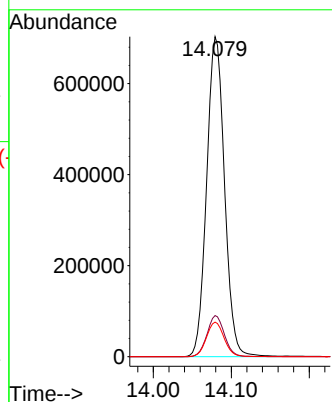
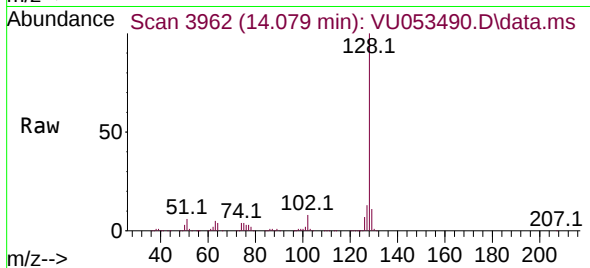
Tgt Ion:128 Resp: 1120620

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 102.008 ug/L

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU053490.D

Acq: 31 Mar 2023 13:40

Tgt Ion:180 Resp: 367772

Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

145 31.0 25.4 38.0

