

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053292.D
 Acq On : 18 Mar 2023 01:55
 Operator : JC/MD
 Sample : 01930-11MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8MS

Quant Time: Mar 18 05:01:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	122951	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	113520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	56276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51266	45.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.400%
7) Chloroethane-d5	1.909	69	37676	41.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.120%
11) 1,1-Dichloroethene-d2	2.565	63	81285	41.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.740%
21) 2-Butanone-d5	4.610	46	61280	116.482	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.057	84	82708	44.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
26) 1,2-Dichloroethane-d4	5.697	65	55666	47.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
32) Benzene-d6	5.722	84	169644	46.073	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
36) 1,2-Dichloropropane-d6	6.684	67	56326	47.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	7.893	98	154070	44.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	8.173	79	26660	45.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.940%
47) 2-Hexanone-d5	8.626	63	46987	126.470	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.470%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82333	53.482	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.960%
66) 1,2-Dichlorobenzene-d4	12.188	152	52445	48.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	49880	38.867	ug/L	99
3) Chloromethane	1.520	50	48271	40.819	ug/L	98
5) Vinyl chloride	1.604	62	779344	602.455	ug/L	99
6) Bromomethane	1.851	94	25348	32.598	ug/L	96
8) Chloroethane	1.932	64	31629	41.393	ug/L	100
9) Trichlorofluoromethane	2.137	101	66405	41.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	37715	38.628	ug/L	97
12) 1,1-Dichloroethene	2.578	96	36313	40.216	ug/L	97
13) Acetone	2.616	43	36192	60.403	ug/L	98
14) Carbon disulfide	2.790	76	106401	38.906	ug/L	99
15) Methyl Acetate	2.941	43	37126	45.206	ug/L	100
16) Methylene chloride	3.041	84	42084	38.418	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	38092	41.578	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	136000	44.146	ug/L	99
19) 1,1-Dichloroethane	3.864	63	79185	42.342	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	367683	341.689	ug/L	97
22) 2-Butanone	4.694	43	60350	88.409	ug/L	92
23) Bromochloromethane	4.967	128	21760	42.410	ug/L	95
25) Chloroform	5.083	83	81385	43.489	ug/L	99

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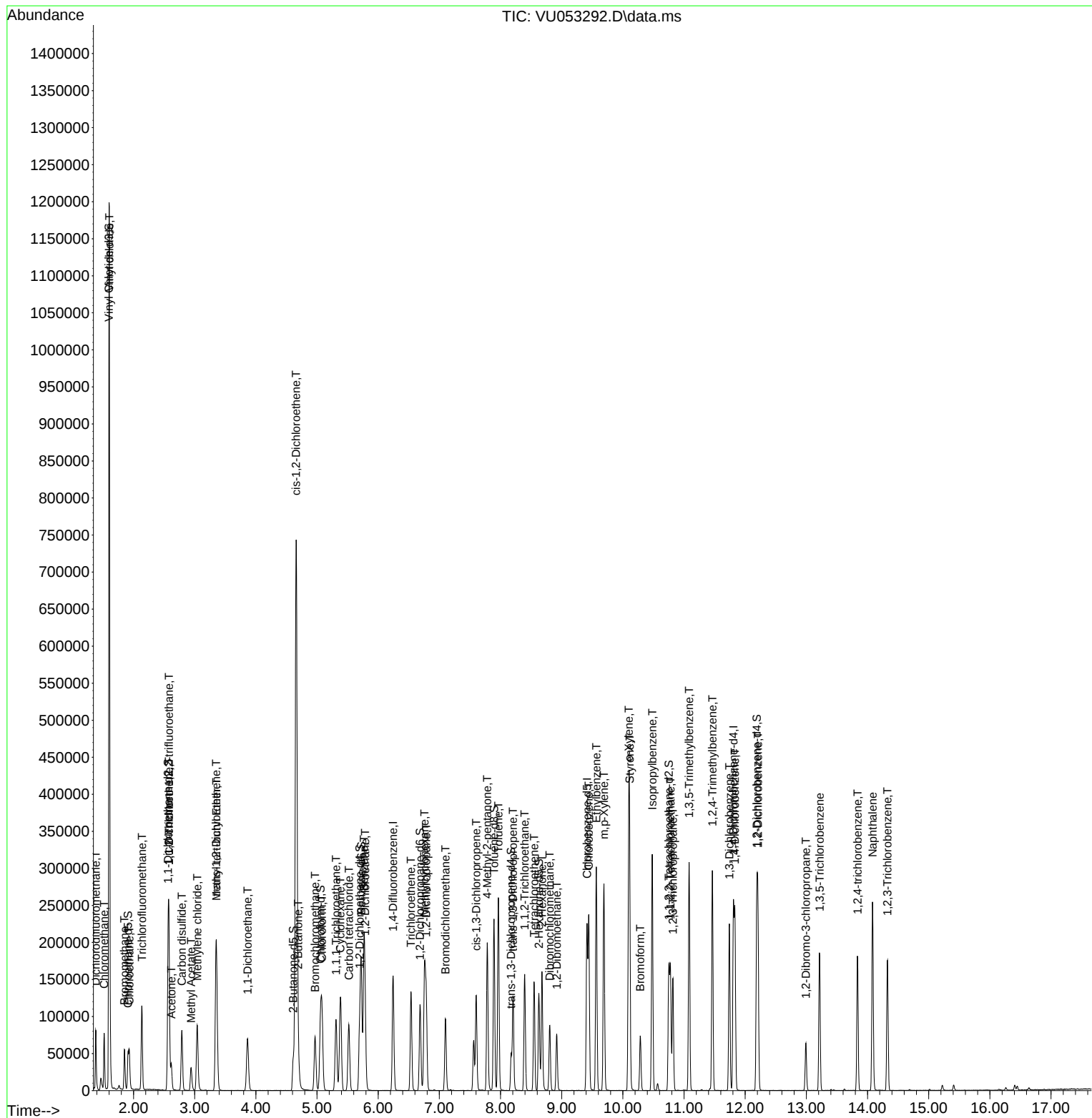
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	64667	43.774	ug/L	99
29) Cyclohexane	5.382	56	69060	40.827	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	67314	43.503	ug/L	98
31) Carbon tetrachloride	5.520	117	54192	42.749	ug/L	99
33) Benzene	5.767	78	176932	44.956	ug/L	100
34) Trichloroethene	6.536	95	45407	44.248	ug/L	99
35) Methylcyclohexane	6.758	83	71437	39.714	ug/L	99
37) 1,2-Dichloropropane	6.784	63	49141	44.754	ug/L	99
38) Bromodichloromethane	7.099	83	61408	44.939	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	76994	42.680	ug/L	98
40) 4-Methyl-2-pentanone	7.783	43	122826	108.830	ug/L	99
42) Toluene	7.964	91	188308	44.506	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	73831	44.772	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	45927	45.935	ug/L	98
46) Tetrachloroethene	8.549	164	27808	41.652	ug/L	96
48) 2-Hexanone	8.677	43	95270	100.806	ug/L	99
49) Dibromochloromethane	8.803	129	43070	42.112	ug/L	97
50) 1,2-Dibromoethane	8.918	107	49199	46.181	ug/L	95
51) Chlorobenzene	9.443	112	120123	45.552	ug/L	99
52) Ethylbenzene	9.565	91	214932	44.794	ug/L	99
53) m,p-Xylene	9.690	106	78915	44.065	ug/L	99
54) o-Xylene	10.095	106	78174	44.135	ug/L	97
55) Styrene	10.111	104	129368	43.824	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	82000	50.024	ug/L	98
59) Bromoform	10.285	173	29311	45.768	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	63421	56.714	ug/L	97
61) Isopropylbenzene	10.481	105	206415	46.423	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	166390	45.208	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	162123	45.190	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	84074	45.085	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	84104	44.926	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	83488	44.794	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	18331	59.280	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	50750	42.925	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	47860	45.052	ug/L	99
71) Naphthalene	14.082	128	196598	54.907	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	47899	47.546	ug/L	99

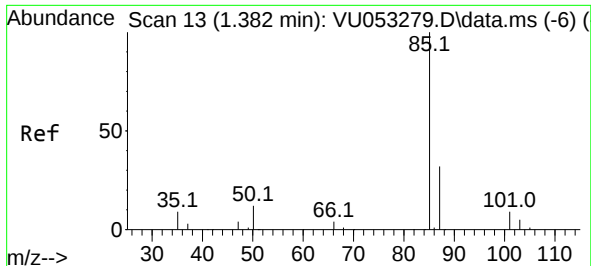
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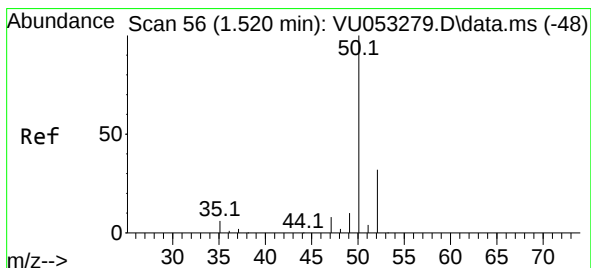
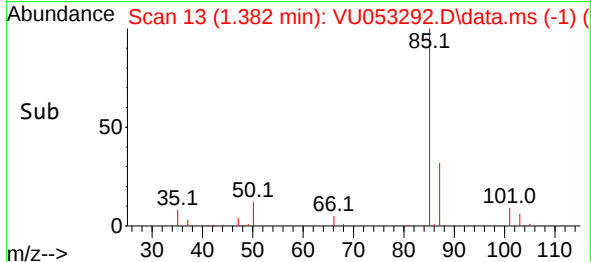
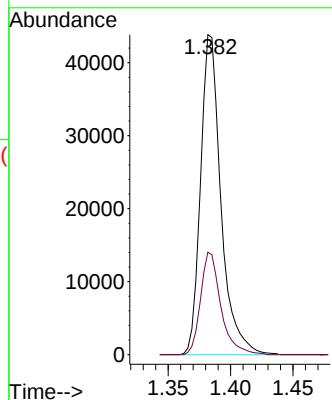
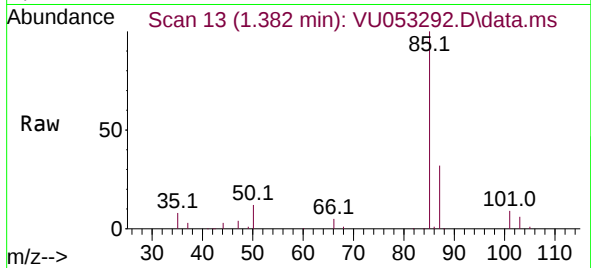




#2
 Dichlorodifluoromethane
 Concen: 38.867 ug/L
 RT: 1.382 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

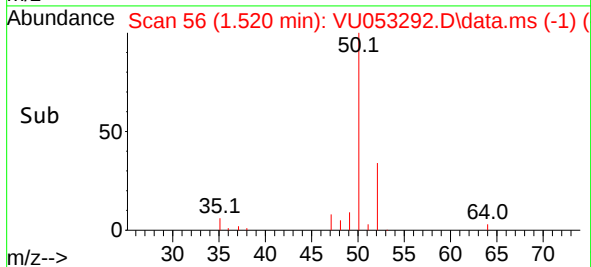
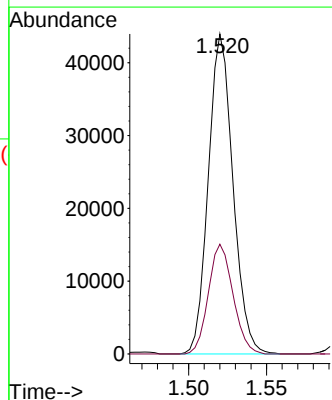
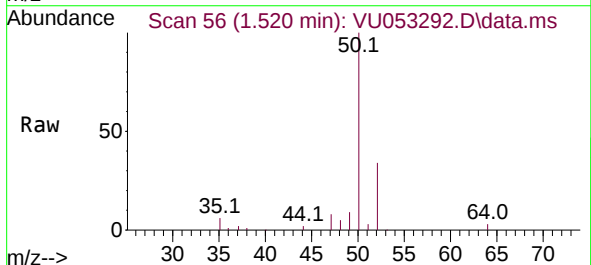
Instrument :
 MSVOA_U
 ClientSampleId :
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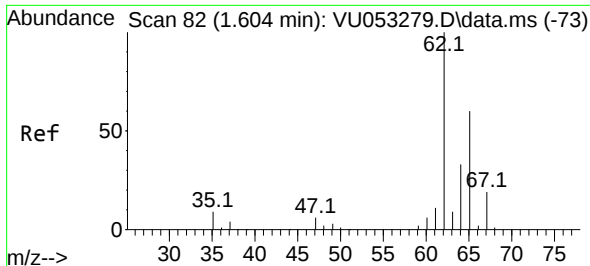
Tgt Ion: 85 Resp: 49880
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 40.819 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

Tgt Ion: 50 Resp: 48271
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.4

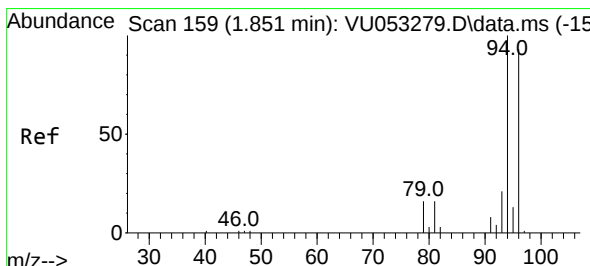
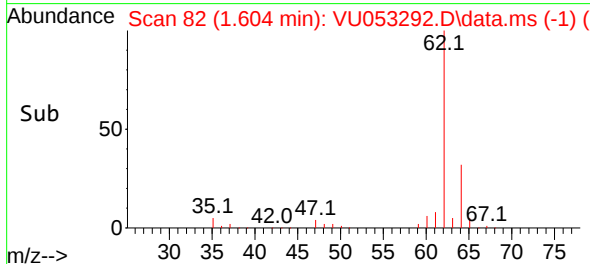
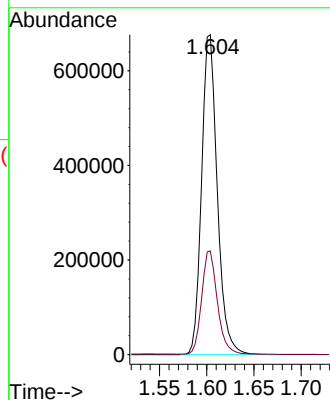
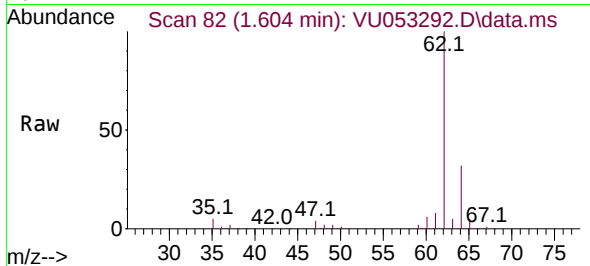




#5
 Vinyl chloride
 Concen: 602.455 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

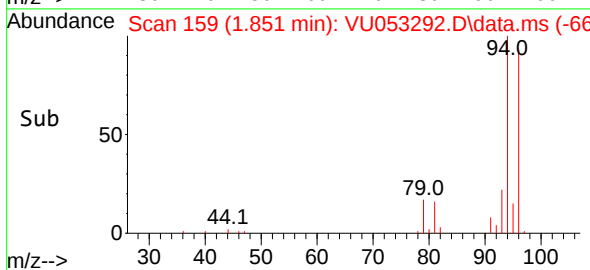
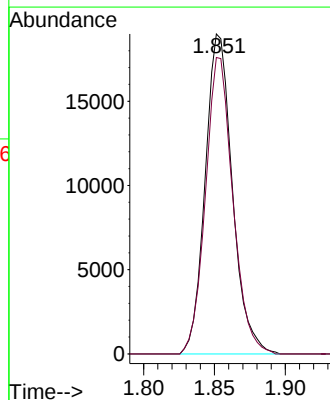
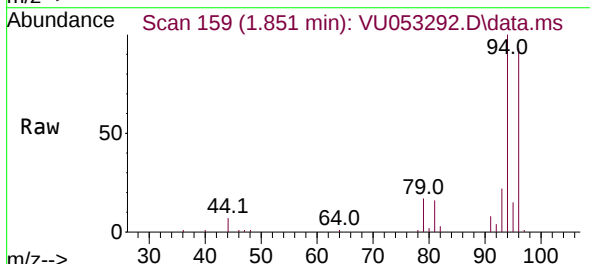
Instrument :
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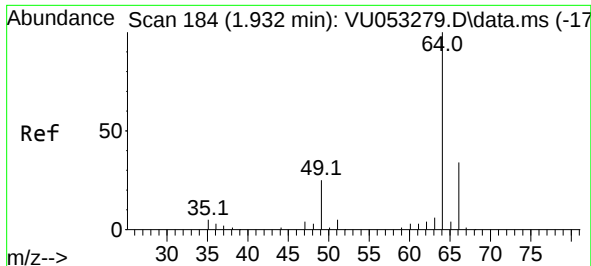
Tgt Ion: 62 Resp: 779344
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.0



#6
 Bromomethane
 Concen: 32.598 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

Tgt Ion: 94 Resp: 25348
 Ion Ratio Lower Upper
 94 100
 96 92.6 67.5 125.3

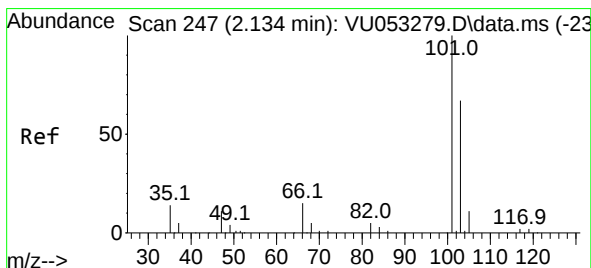
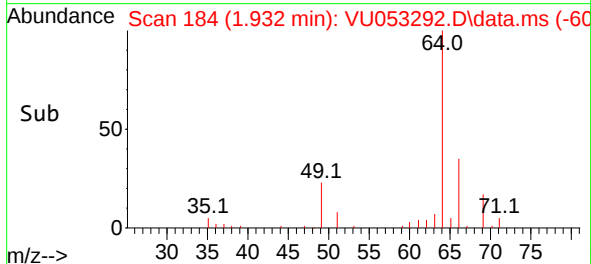
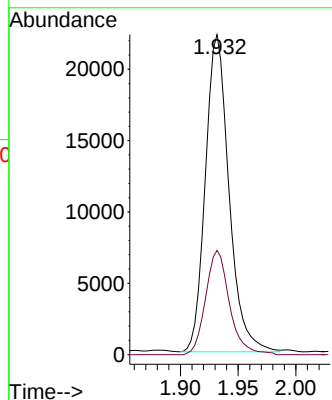
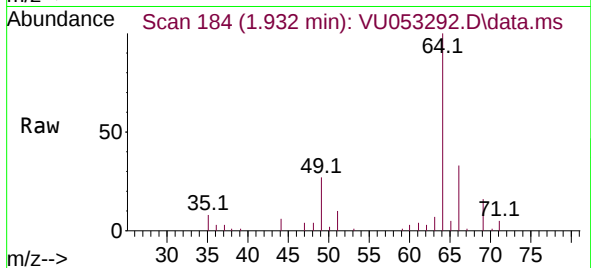




#8
Chloroethane
Concen: 41.393 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

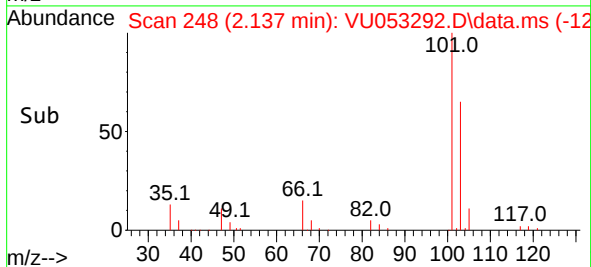
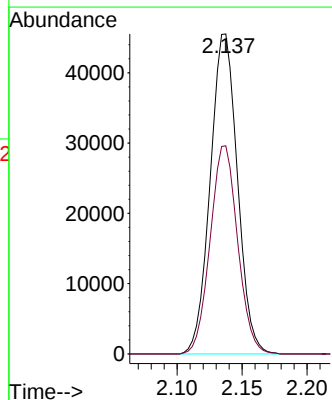
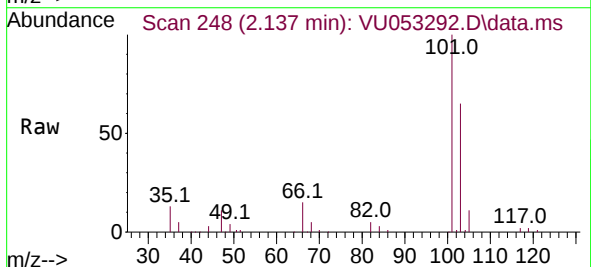
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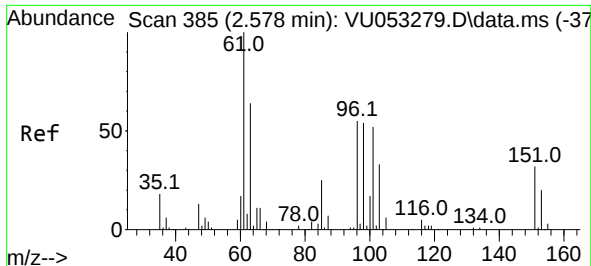
Tgt Ion: 64 Resp: 31629
Ion Ratio Lower Upper
64 100
66 32.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 41.142 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion:101 Resp: 66405
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0

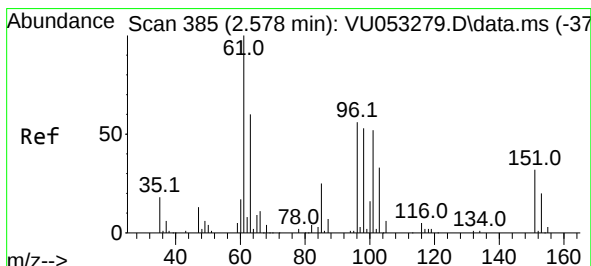
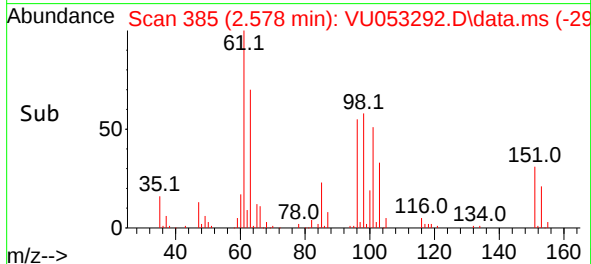
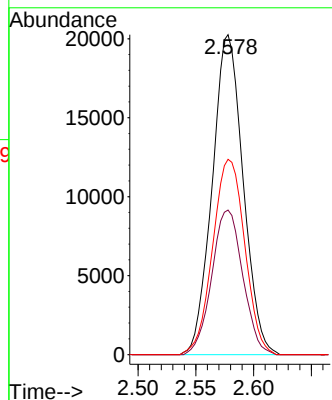
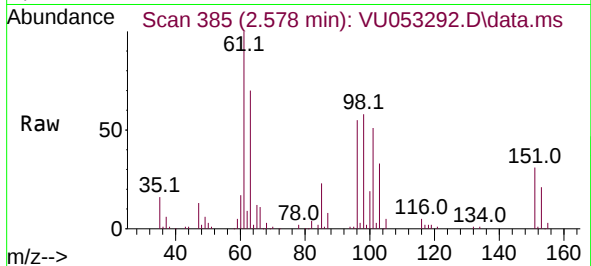




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 38.628 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

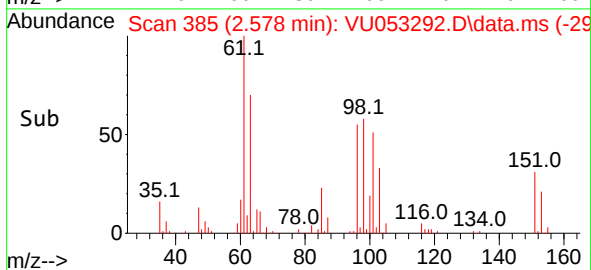
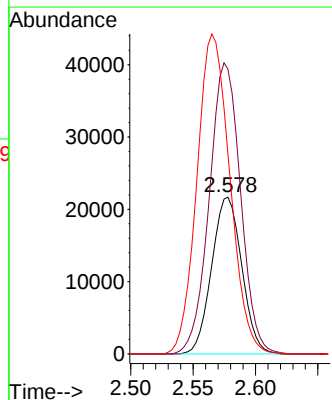
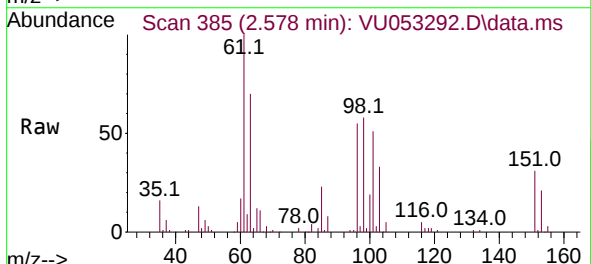
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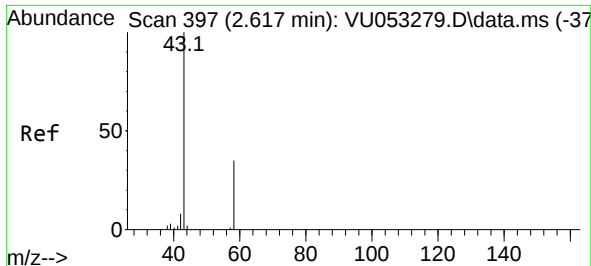
Tgt Ion:101 Resp: 37715
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.0 55.6
 151 63.4 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 40.216 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

Tgt Ion: 96 Resp: 36313
 Ion Ratio Lower Upper
 96 100
 61 181.6 122.2 226.9
 63 127.8 89.9 166.9





#13

Acetone

Concen: 60.403 ug/L

RT: 2.616 min Scan# 397

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

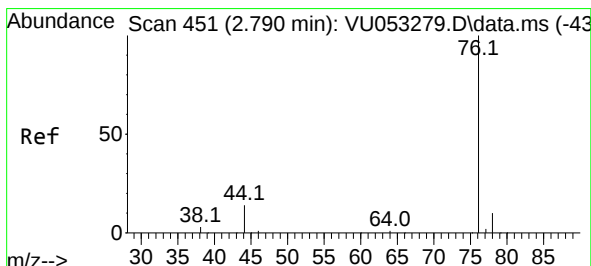
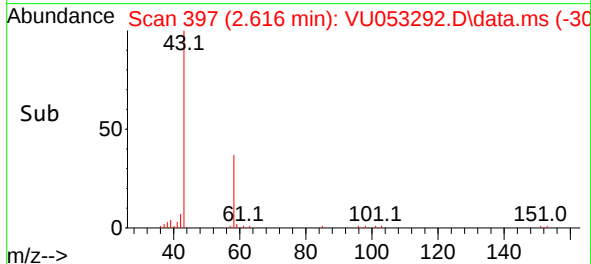
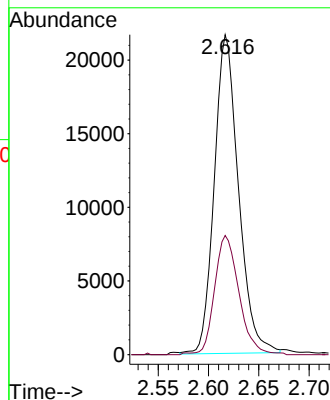
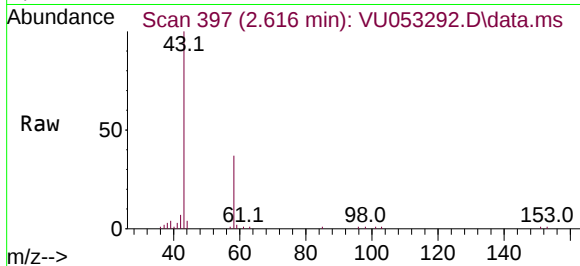
EYFB8MS

Tgt Ion: 43 Resp: 36192

Ion Ratio Lower Upper

43 100

58 36.6 0.0 75.0



#14

Carbon disulfide

Concen: 38.906 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

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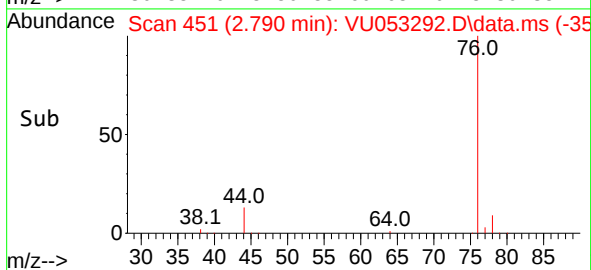
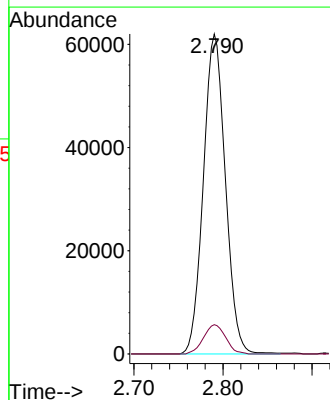
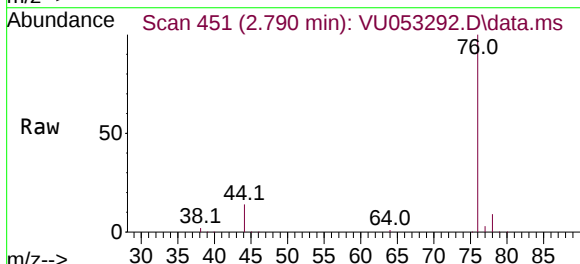
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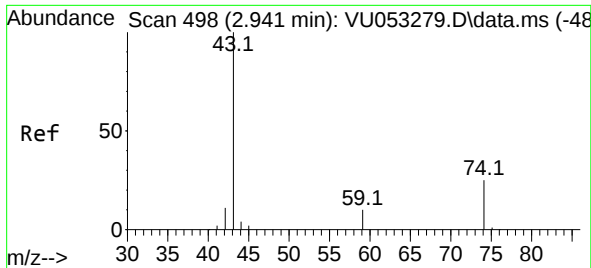
Tgt Ion: 76 Resp: 106401

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

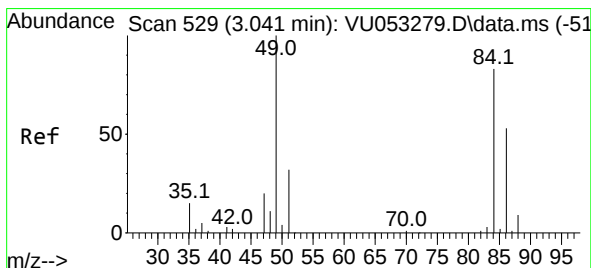
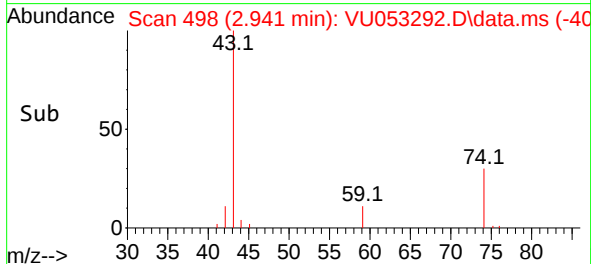
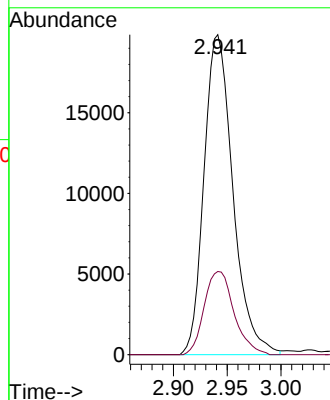
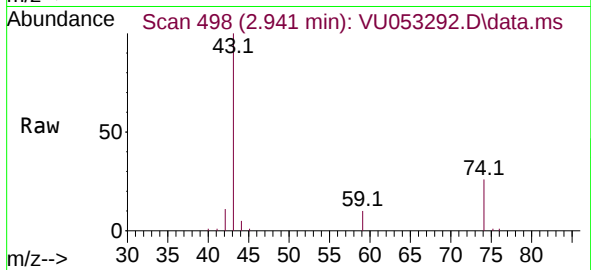




#15
Methyl Acetate
Concen: 45.206 ug/L
RT: 2.941 min Scan# 498
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

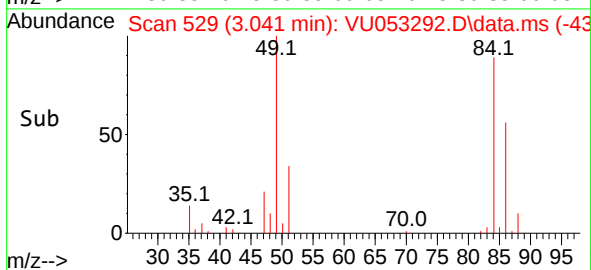
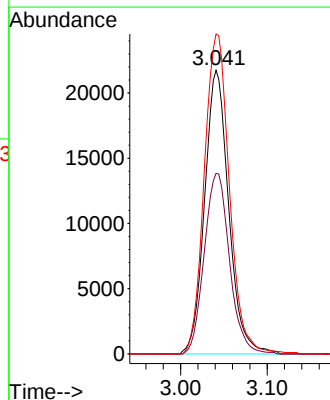
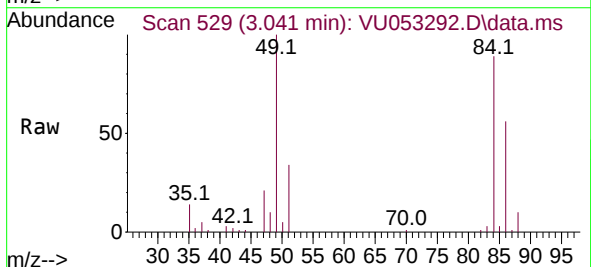
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

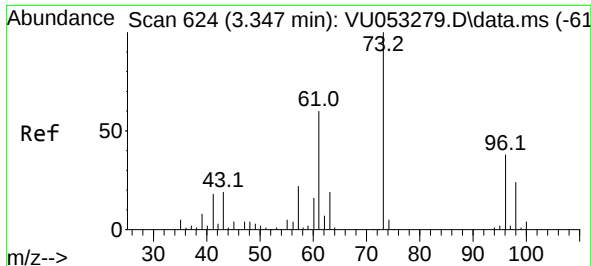
Tgt Ion: 43 Resp: 37126
Ion Ratio Lower Upper
43 100
74 26.8 21.4 32.0



#16
Methylene chloride
Concen: 38.418 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 84 Resp: 42084
Ion Ratio Lower Upper
84 100
86 63.7 44.4 82.4
49 112.8 81.6 151.6

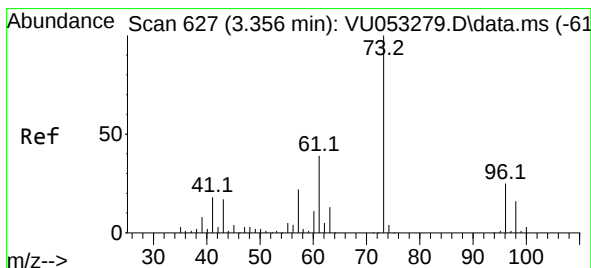
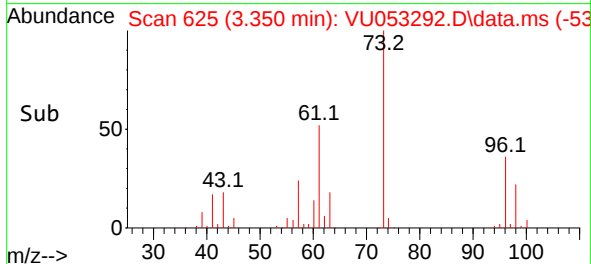
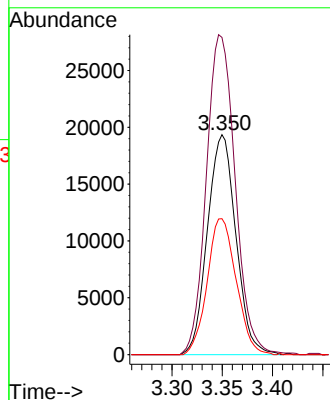
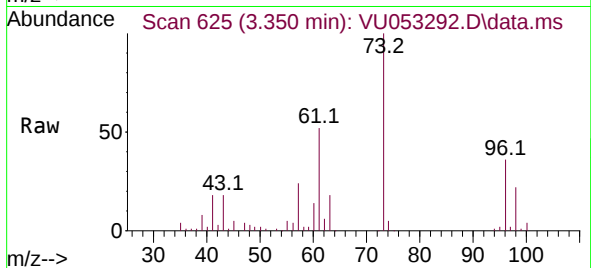




#17
trans-1,2-Dichloroethene
Concen: 41.578 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

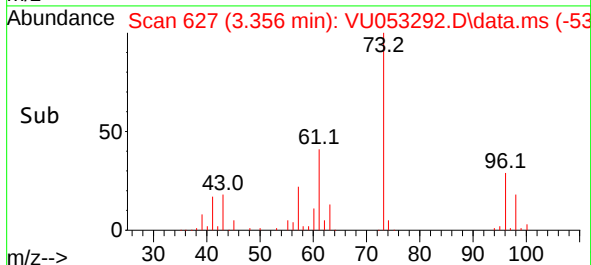
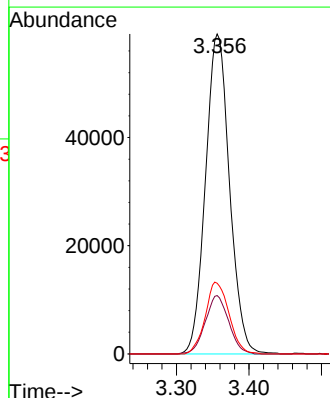
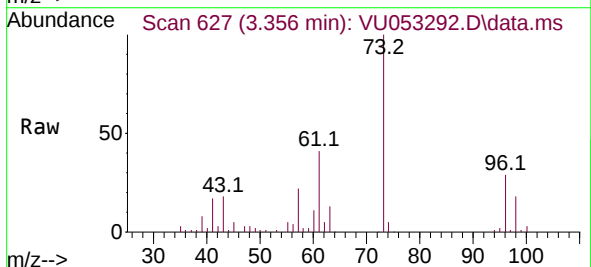
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

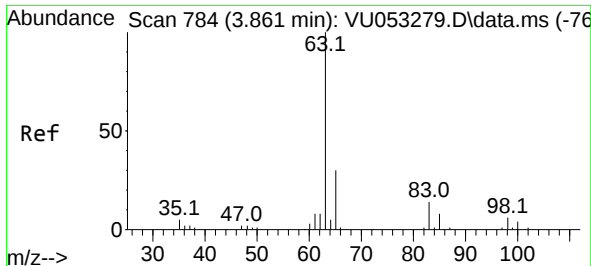
Tgt Ion: 96 Resp: 38092
Ion Ratio Lower Upper
96 100
61 144.3 99.6 185.0
98 61.8 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 44.146 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 73 Resp: 136000
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.2
57 22.1 18.0 27.0

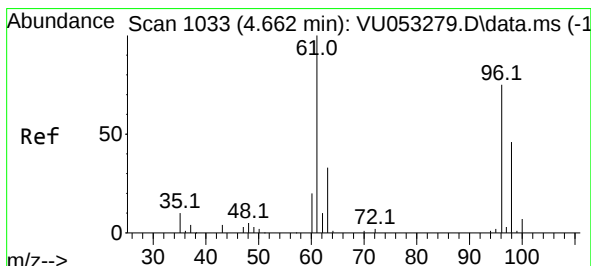
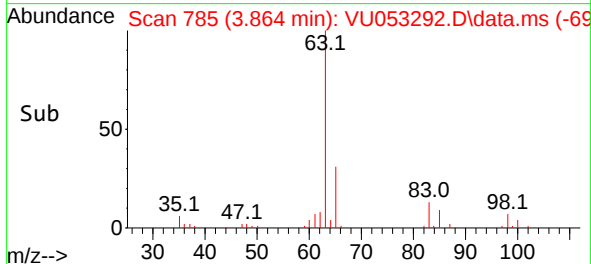
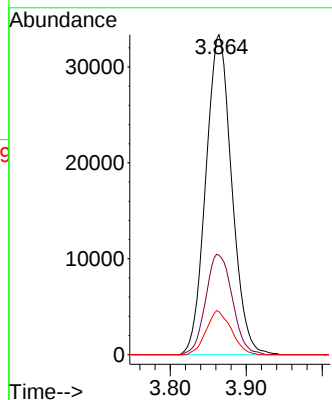
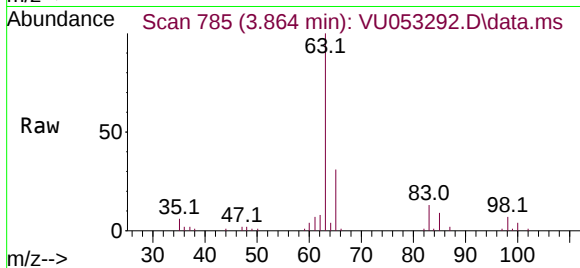




#19
1,1-Dichloroethane
Concen: 42.342 ug/L
RT: 3.864 min Scan# 784
Delta R.T. 0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

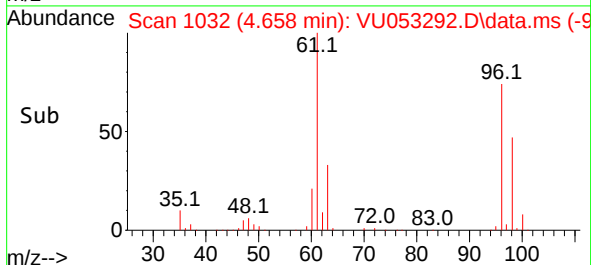
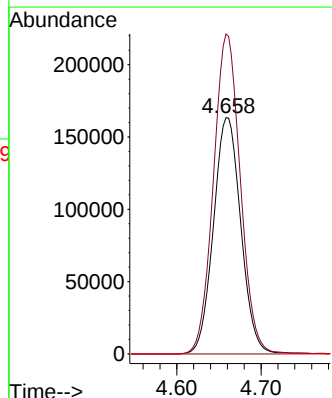
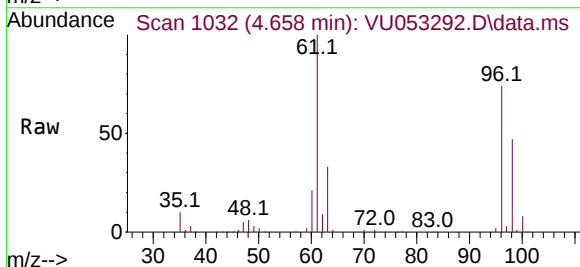
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

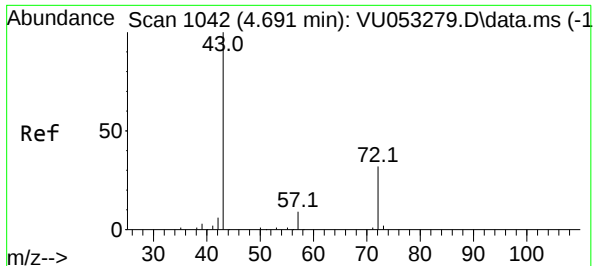
Tgt Ion:	63	Resp:	79185
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.8	42.4
83	13.5	9.4	17.6



#20
cis-1,2-Dichloroethene
Concen: 341.689 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion:	96	Resp:	367683
Ion	Ratio	Lower	Upper
96	100		
61	135.4	92.5	171.7
68	0.0	0.0	0.0

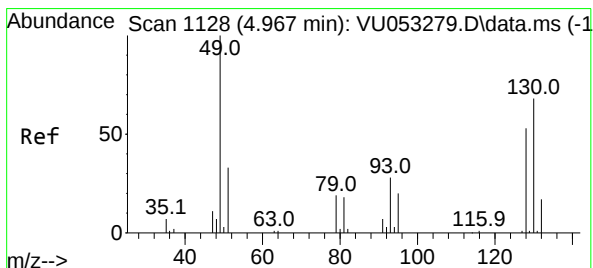
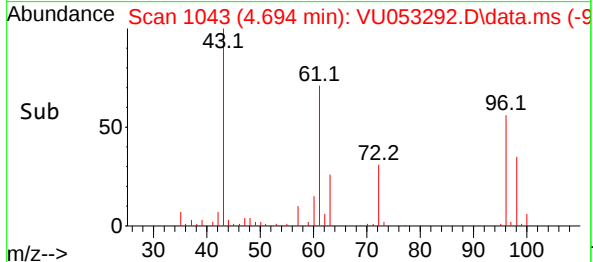
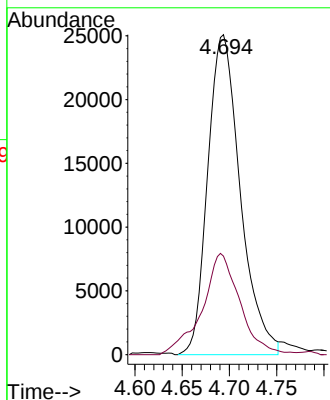
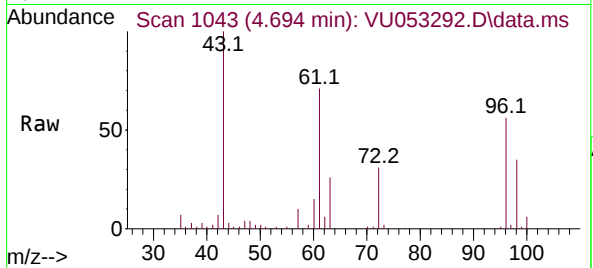




#22
2-Butanone
Concen: 88.409 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. 0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

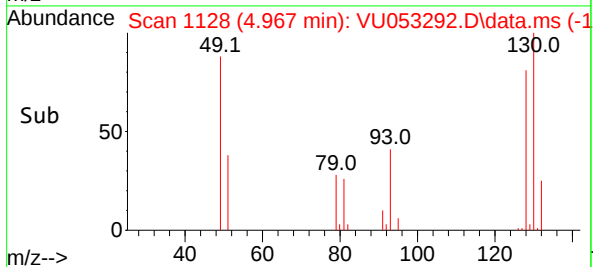
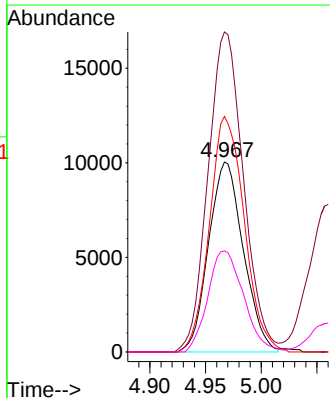
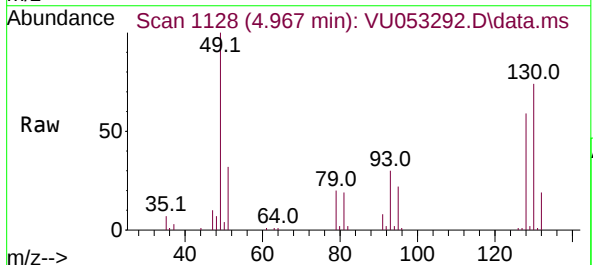
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

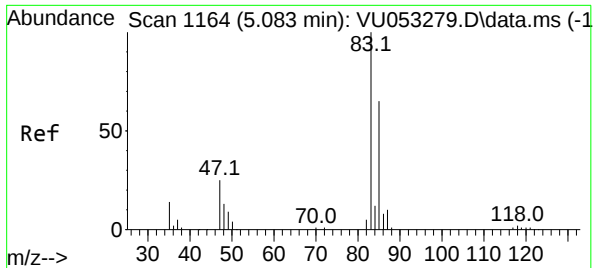
Tgt Ion: 43 Resp: 60350
Ion Ratio Lower Upper
43 100
72 36.3 16.0 47.9



#23
Bromochloromethane
Concen: 42.410 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion:128 Resp: 21760
Ion Ratio Lower Upper
128 100
49 168.5 109.9 204.1
130 124.0 87.2 161.9
51 53.2 41.1 61.7

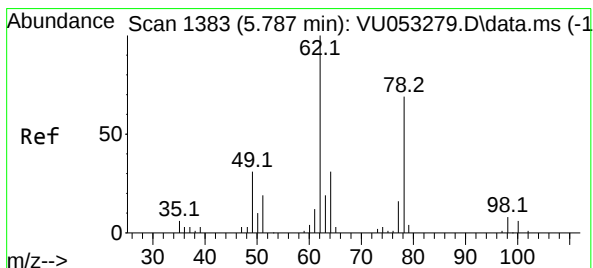
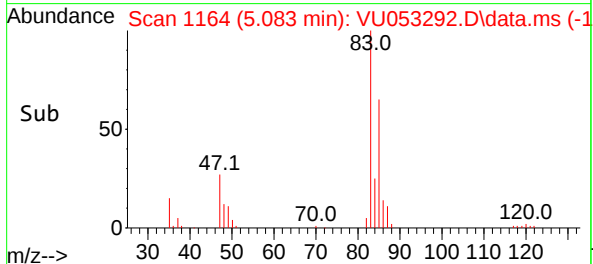
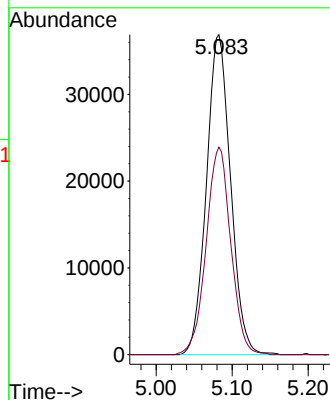
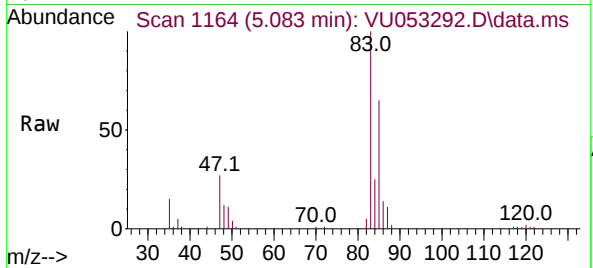




#25
Chloroform
Concen: 43.489 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

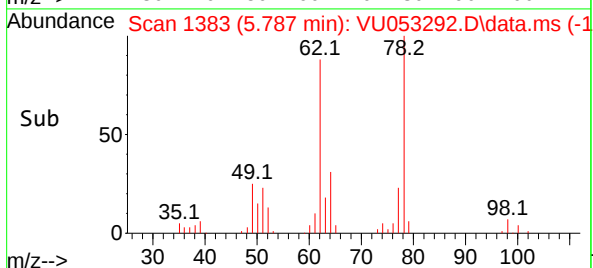
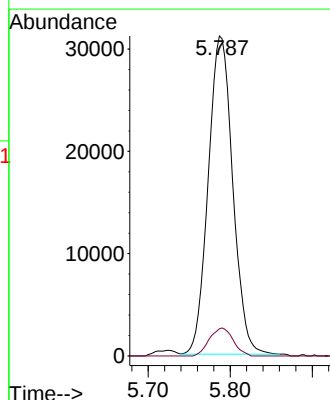
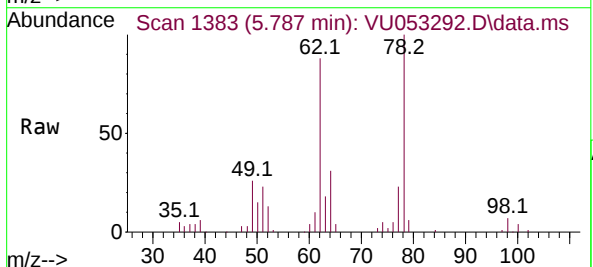
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

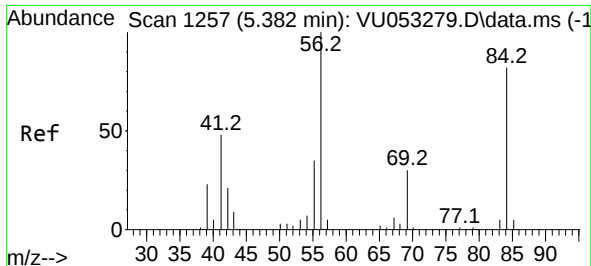
Tgt Ion: 83 Resp: 81385
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.3



#27
1,2-Dichloroethane
Concen: 43.774 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 62 Resp: 64667
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 40.827 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

EYFB8MS

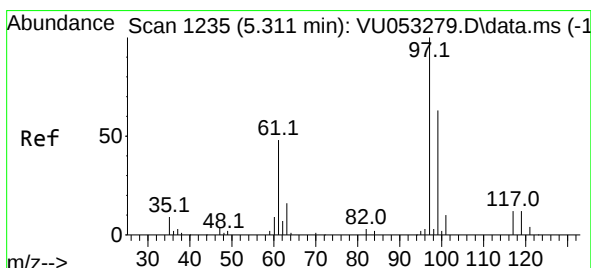
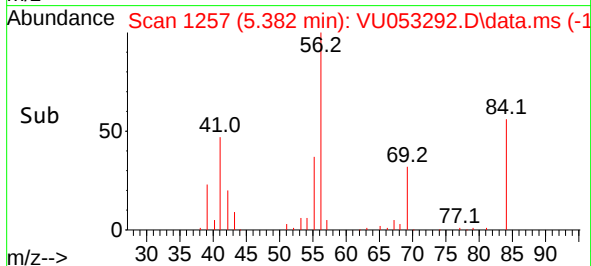
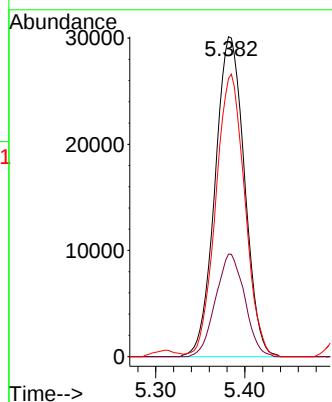
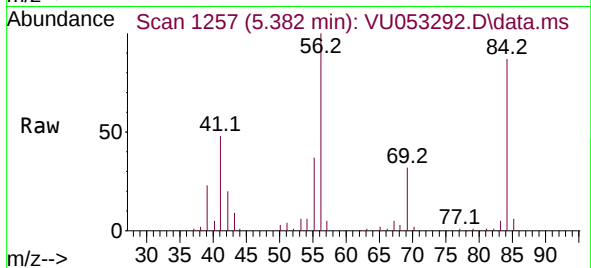
Tgt Ion: 56 Resp: 69060

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 87.3 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 43.503 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

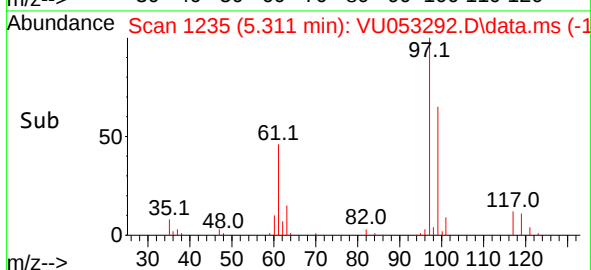
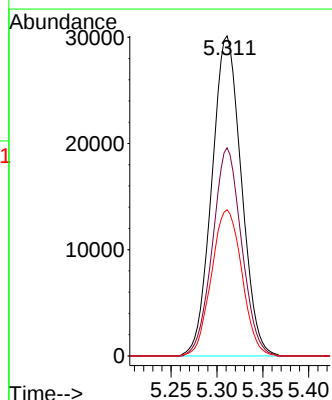
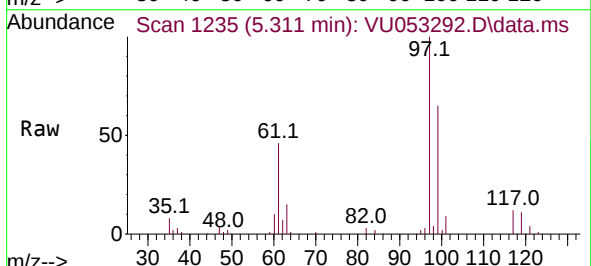
Tgt Ion: 97 Resp: 67314

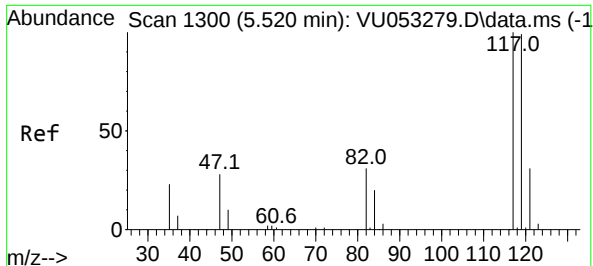
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 47.1 36.0 54.0

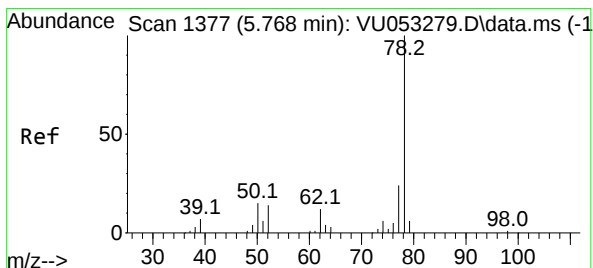
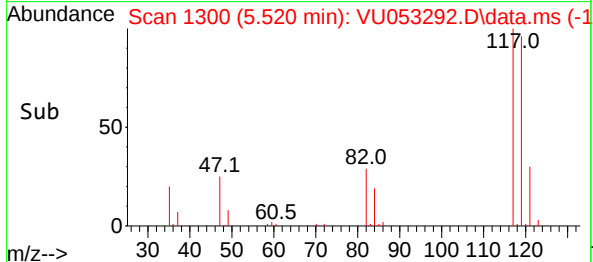
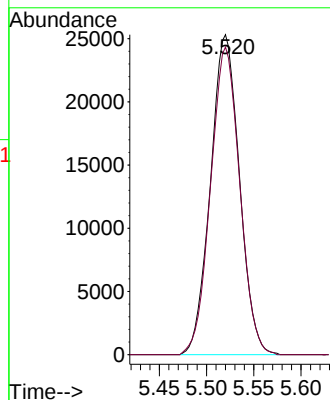
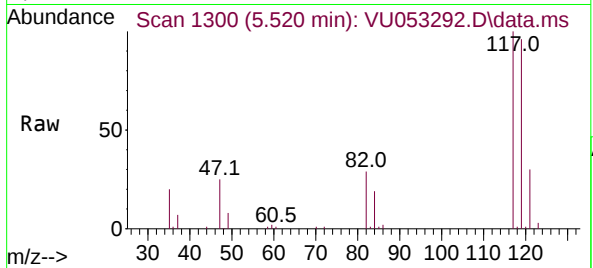




#31
Carbon tetrachloride
Concen: 42.749 ug/L
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

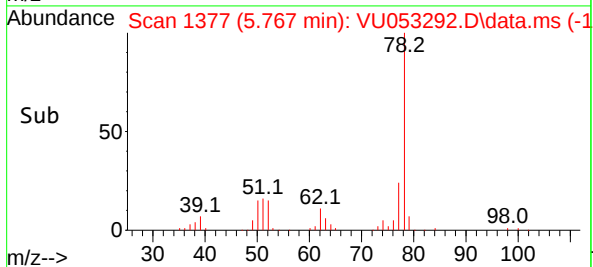
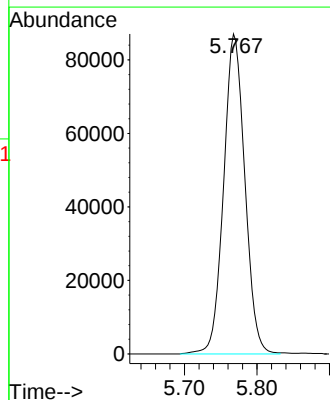
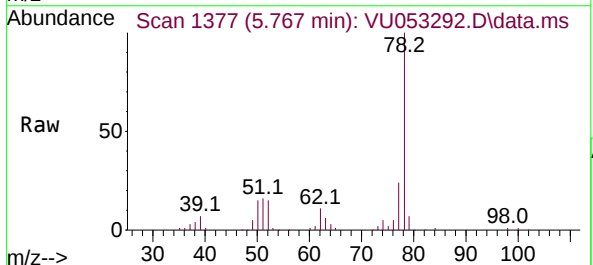
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

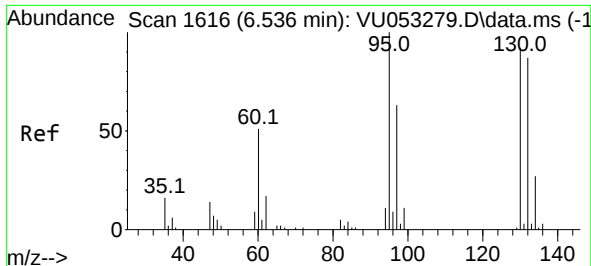
Tgt Ion:117 Resp: 54192
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2



#33
Benzene
Concen: 44.956 ug/L
RT: 5.767 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 78 Resp: 176932

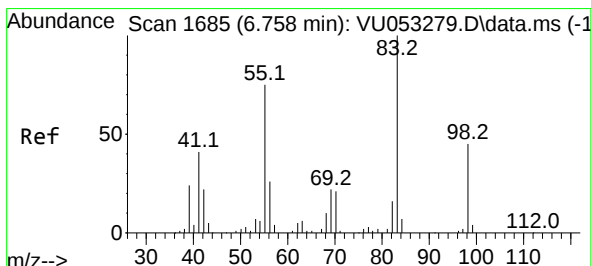
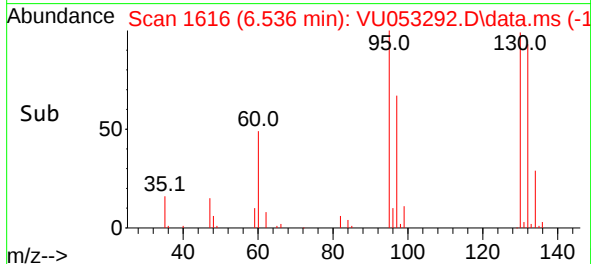
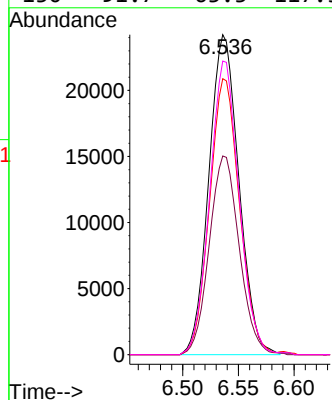
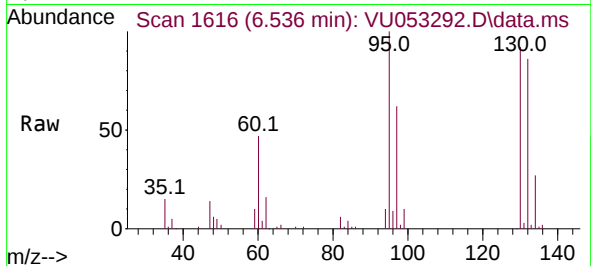




#34
Trichloroethene
Concen: 44.248 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

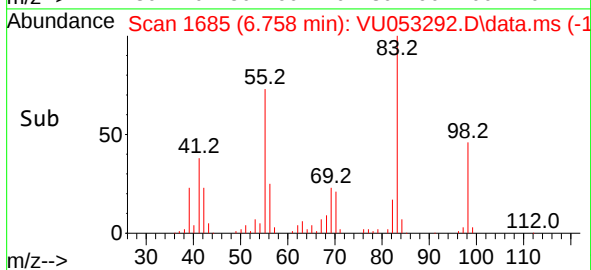
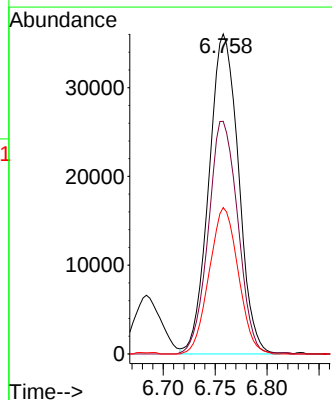
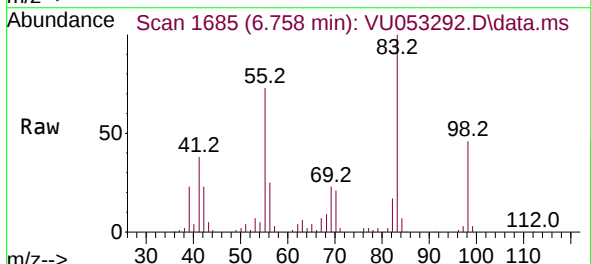
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

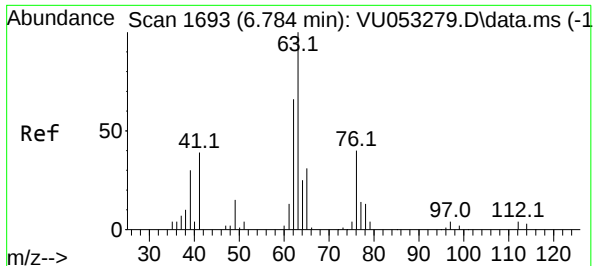
Tgt Ion: 95 Resp: 45407
Ion Ratio Lower Upper
95 100
97 62.1 43.8 81.3
132 86.2 61.5 114.3
130 91.7 63.3 117.5



#35
Methylcyclohexane
Concen: 39.714 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 83 Resp: 71437
Ion Ratio Lower Upper
83 100
55 72.5 58.2 87.4
98 44.9 35.4 53.2





#37

1,2-Dichloropropane

Concen: 44.754 ug/L

RT: 6.784 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

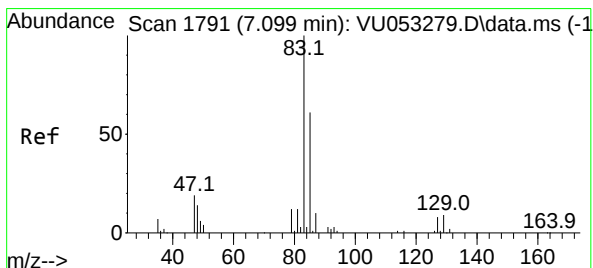
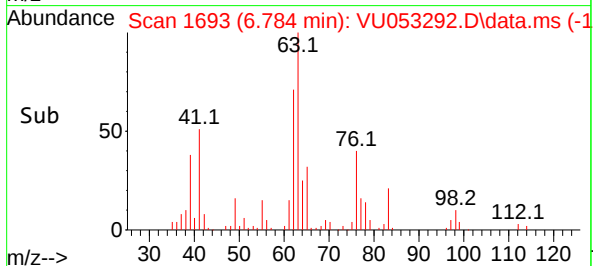
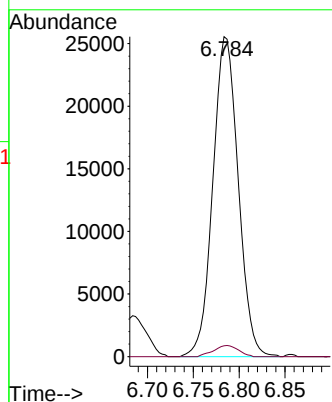
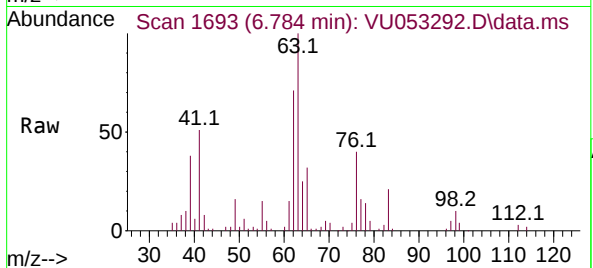
EYFB8MS

Tgt Ion: 63 Resp: 49141

Ion Ratio Lower Upper

63 100

112 3.4 2.6 3.8



#38

Bromodichloromethane

Concen: 44.939 ug/L

RT: 7.099 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

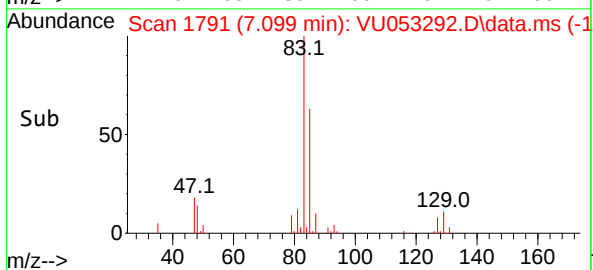
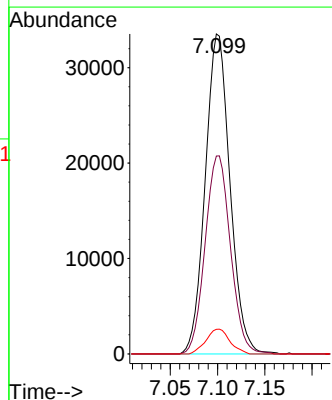
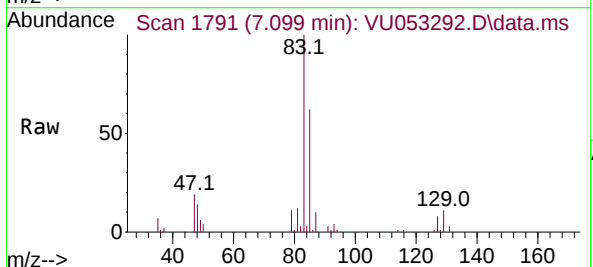
Tgt Ion: 83 Resp: 61408

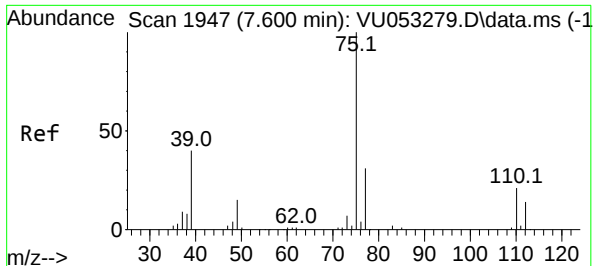
Ion Ratio Lower Upper

83 100

85 61.8 45.4 84.2

127 7.7 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 42.680 ug/L

RT: 7.603 min Scan# 1947

Delta R.T. 0.003 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

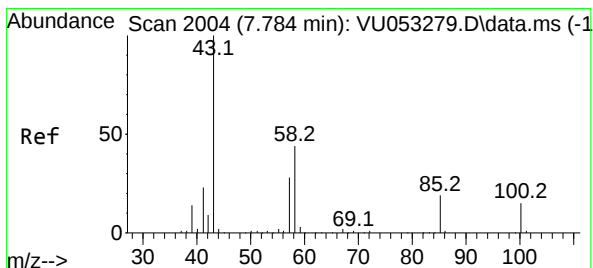
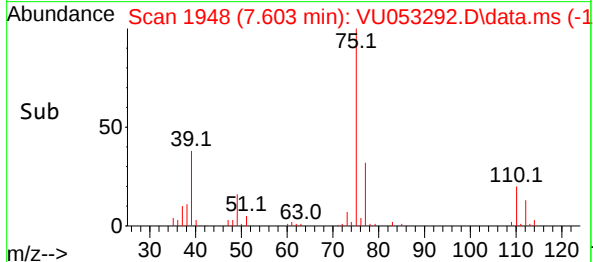
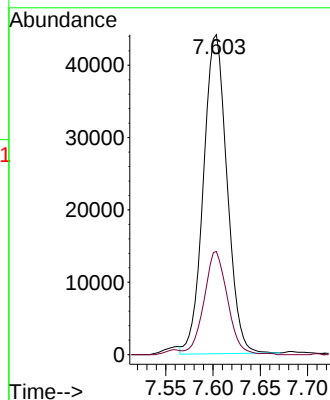
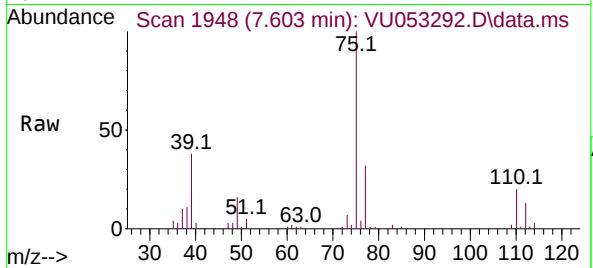
EYFB8MS

Tgt Ion: 75 Resp: 76994

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 108.830 ug/L

RT: 7.783 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

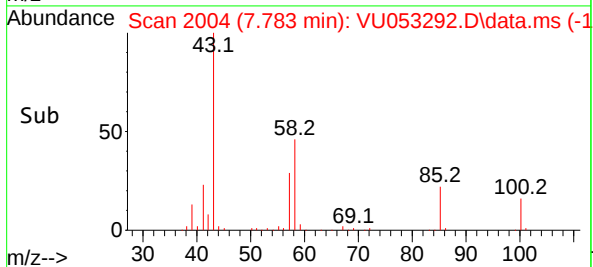
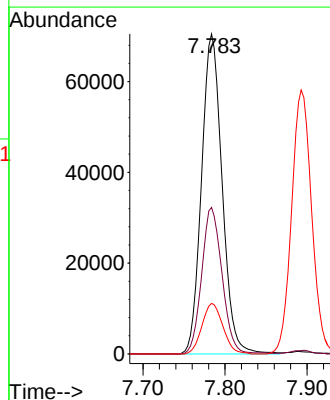
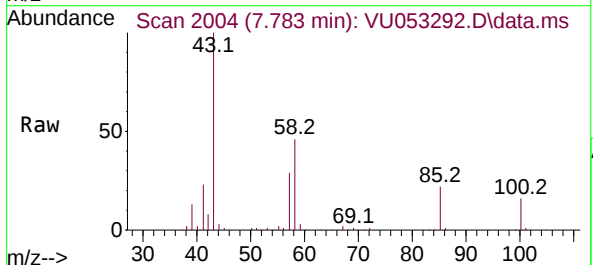
Tgt Ion: 43 Resp: 122826

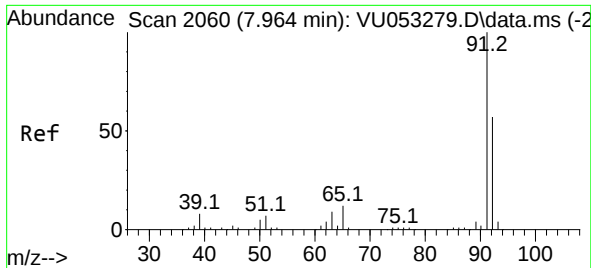
Ion Ratio Lower Upper

43 100

58 45.1 35.8 53.6

100 16.0 13.0 19.6





#42

Toluene

Concen: 44.506 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

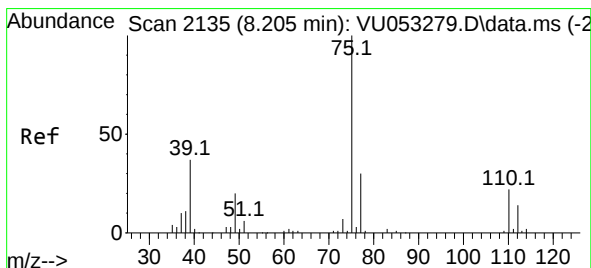
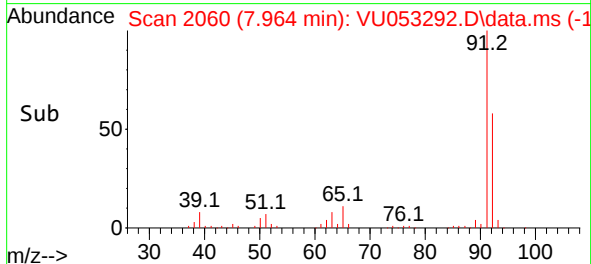
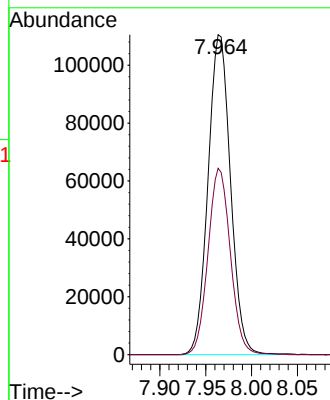
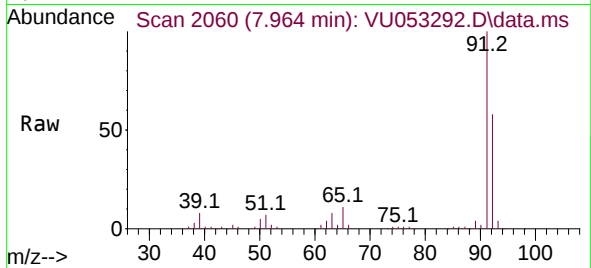
EYFB8MS

Tgt Ion: 91 Resp: 188308

Ion Ratio Lower Upper

91 100

92 58.2 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 44.772 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053292.D

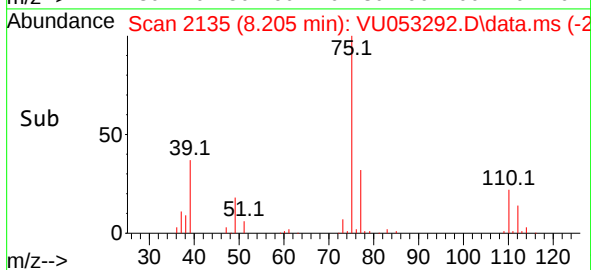
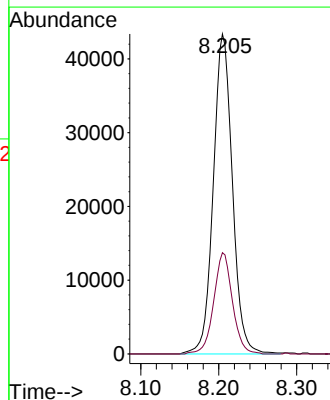
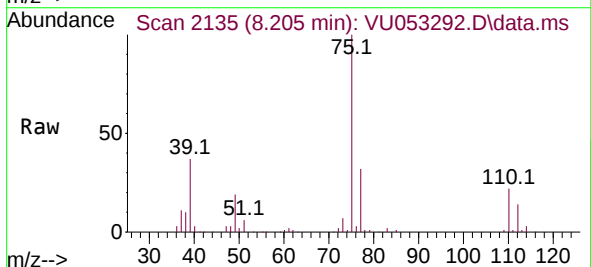
Acq: 18 Mar 2023 01:55

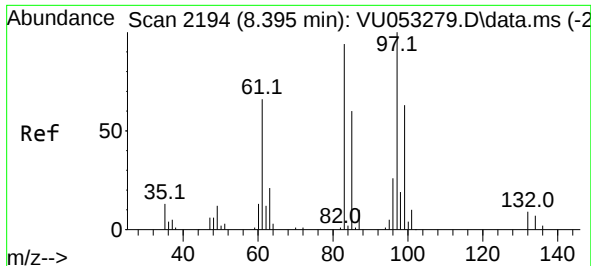
Tgt Ion: 75 Resp: 73831

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



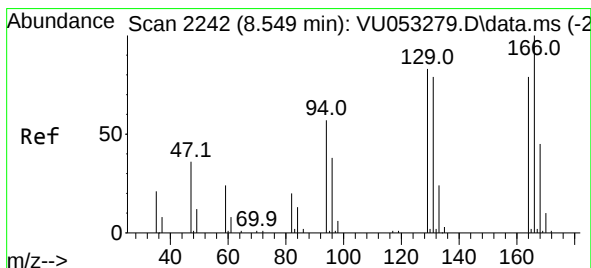
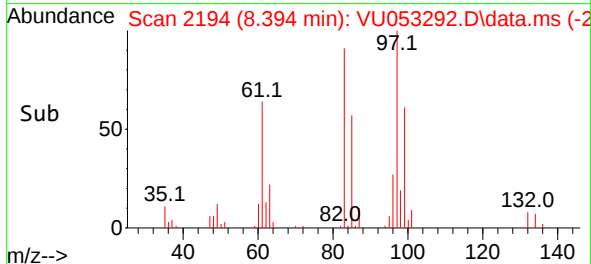
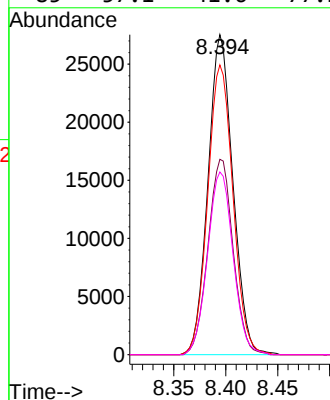
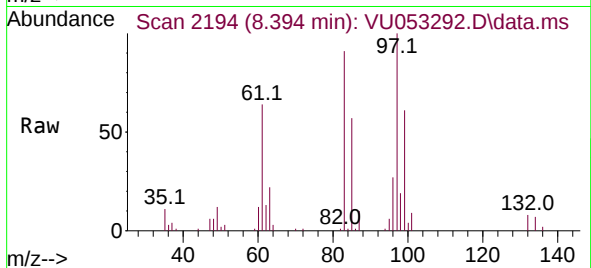


#45
1,1,2-Trichloroethane
Concen: 45.935 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

Tgt Ion: 97 Resp: 45927

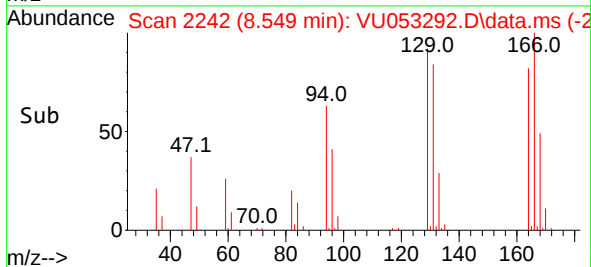
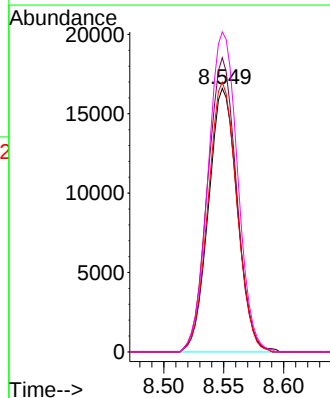
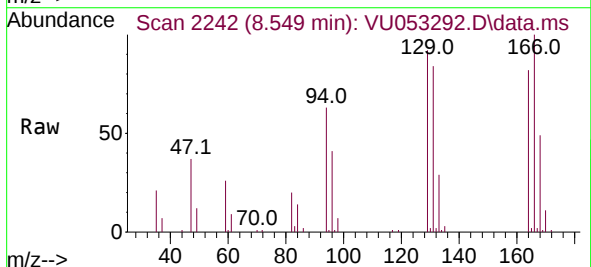
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.4	82.4
83	90.5	63.8	118.6
85	57.1	41.6	77.2

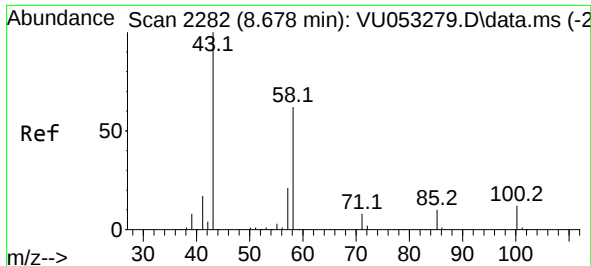


#46
Tetrachloroethene
Concen: 41.652 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 164 Resp: 27808

Ion	Ratio	Lower	Upper
164	100		
129	111.6	73.6	136.8
131	102.4	70.3	130.7
166	121.4	88.9	165.1



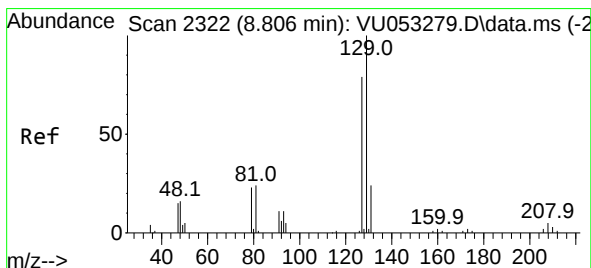
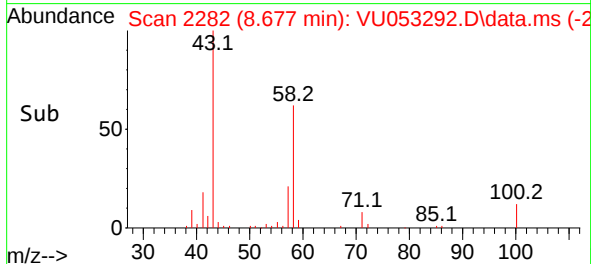
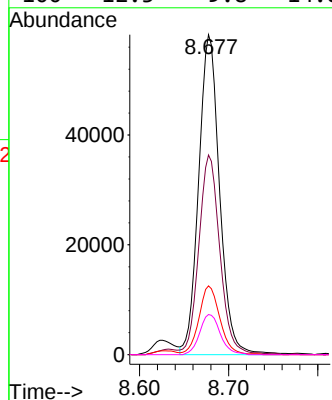
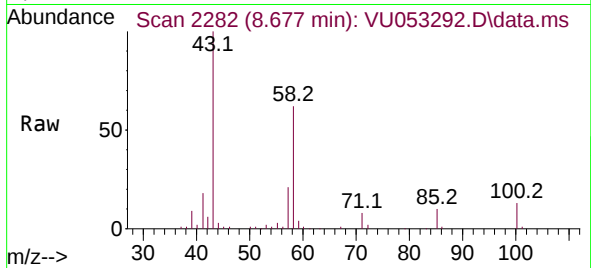


#48
2-Hexanone
Concen: 100.806 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

Tgt Ion: 43 Resp: 95270

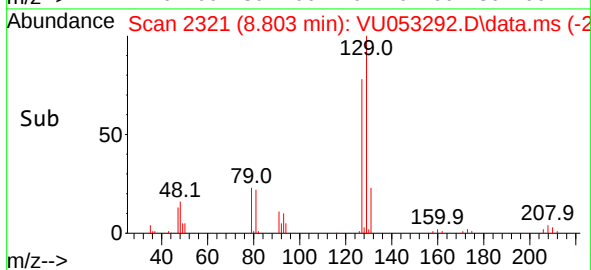
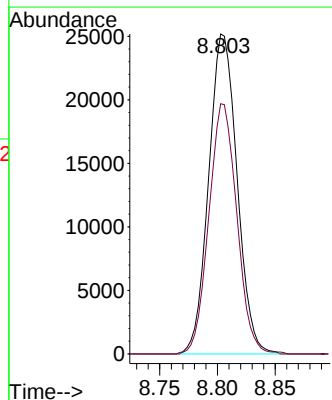
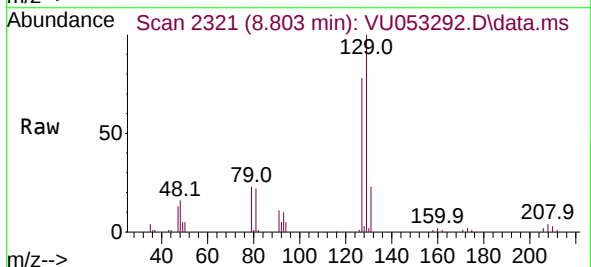
Ion	Ratio	Lower	Upper
43	100		
58	62.6	49.4	74.0
57	21.0	16.9	25.3
100	12.3	9.8	14.8

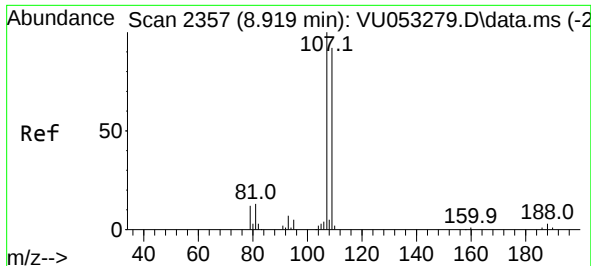


#49
Dibromochloromethane
Concen: 42.112 ug/L
RT: 8.803 min Scan# 2321
Delta R.T. -0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 129 Resp: 43070

Ion	Ratio	Lower	Upper
129	100		
127	78.2	53.1	98.5





#50

1,2-Dibromoethane

Concen: 46.181 ug/L

RT: 8.918 min Scan# 2357

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

EYFB8MS

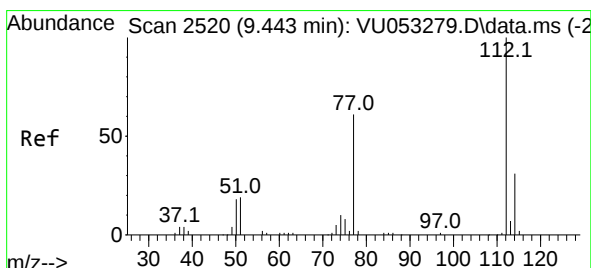
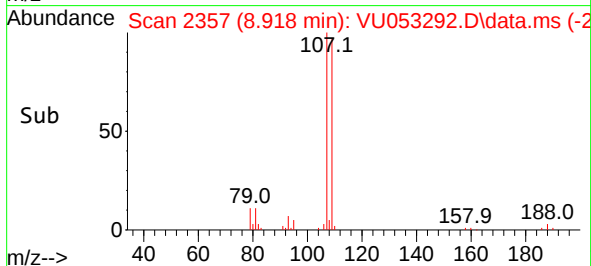
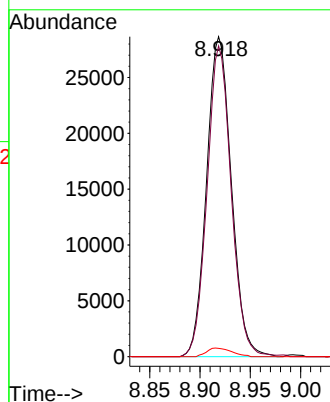
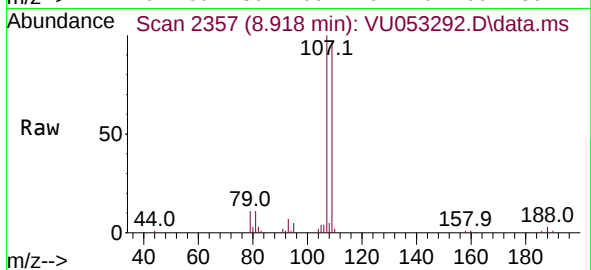
Tgt Ion:107 Resp: 49199

Ion Ratio Lower Upper

107 100

109 97.1 64.6 120.0

188 2.6 2.2 3.4



#51

Chlorobenzene

Concen: 45.552 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

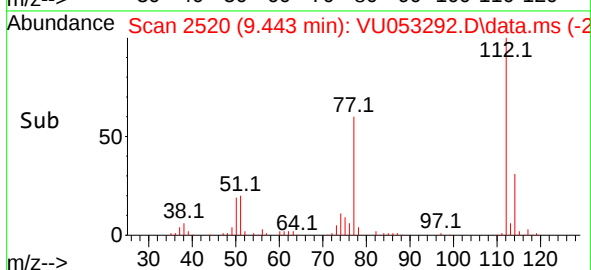
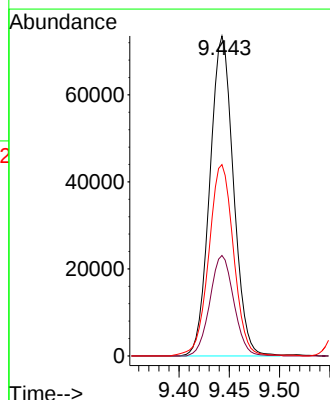
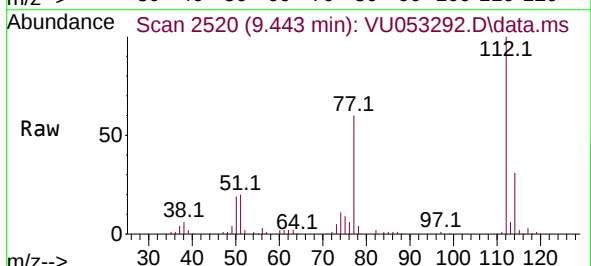
Tgt Ion:112 Resp: 120123

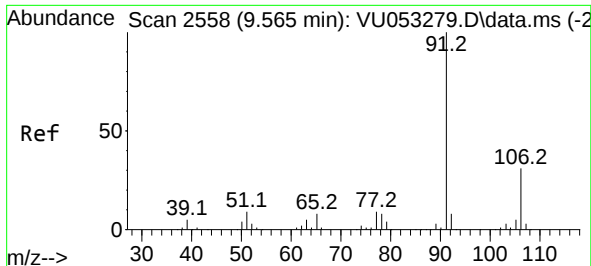
Ion Ratio Lower Upper

112 100

114 31.4 21.8 40.6

77 59.8 48.8 73.2

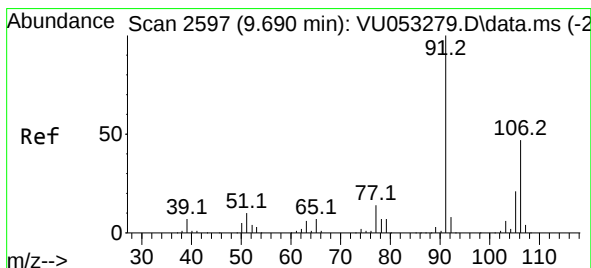
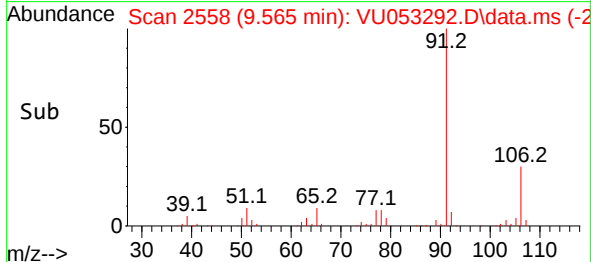
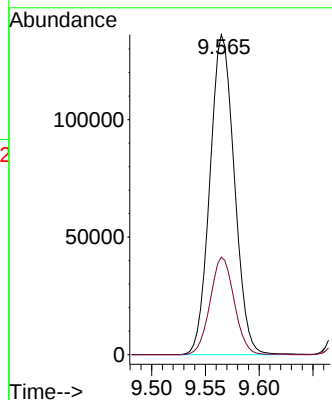
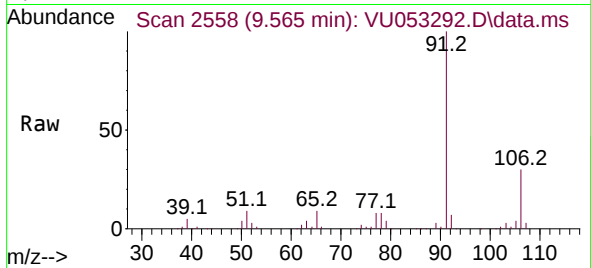




#52
Ethylbenzene
Concen: 44.794 ug/L
RT: 9.565 min Scan# 214932
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

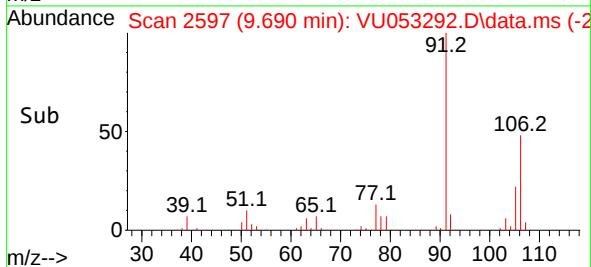
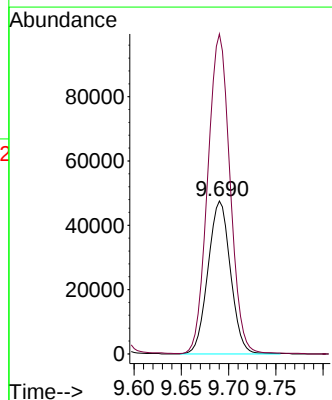
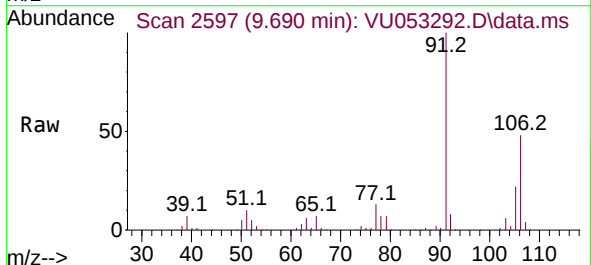
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

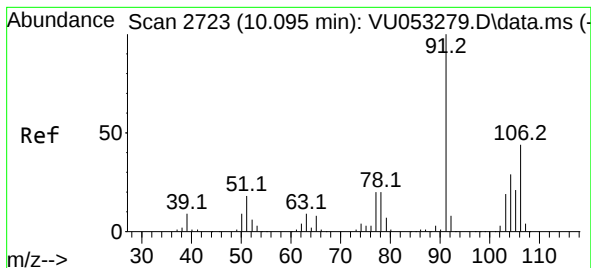
Tgt Ion: 91 Resp: 214932
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 44.065 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 106 Resp: 78915
Ion Ratio Lower Upper
106 100
91 209.3 145.3 269.8





#54

o-Xylene

Concen: 44.135 ug/L

RT: 10.095 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

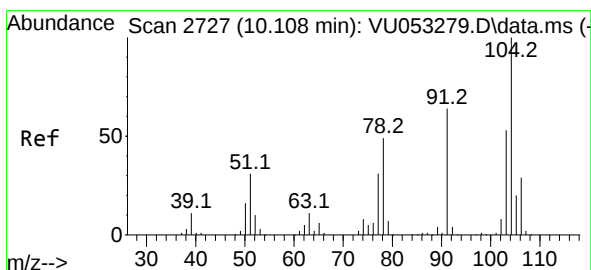
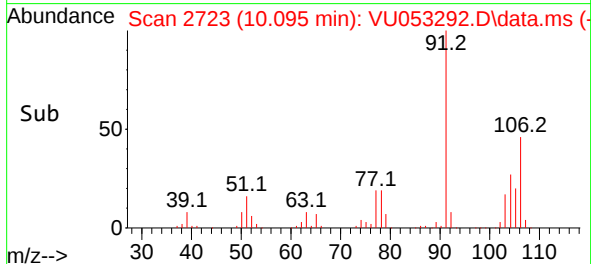
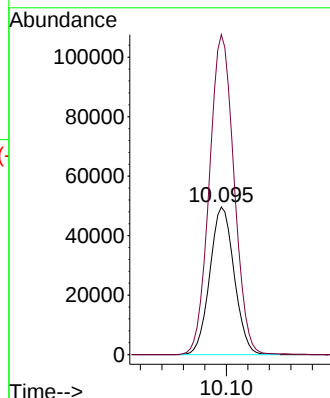
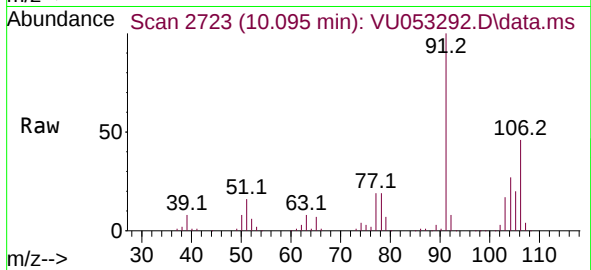
EYFB8MS

Tgt Ion:106 Resp: 78174

Ion Ratio Lower Upper

106 100

91 216.7 154.9 287.7



#55

Styrene

Concen: 43.824 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.003 min

Lab File: VU053292.D

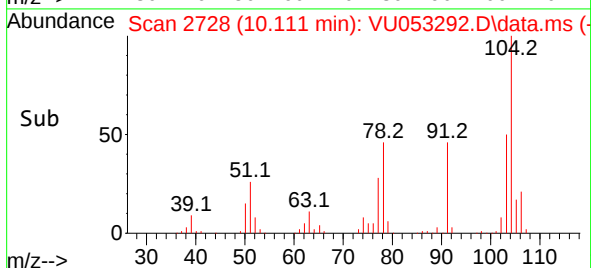
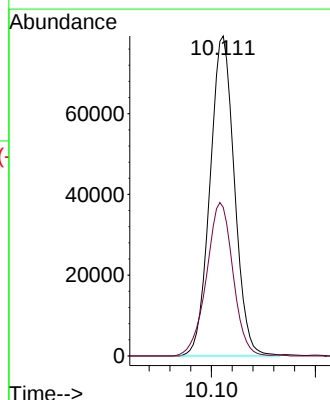
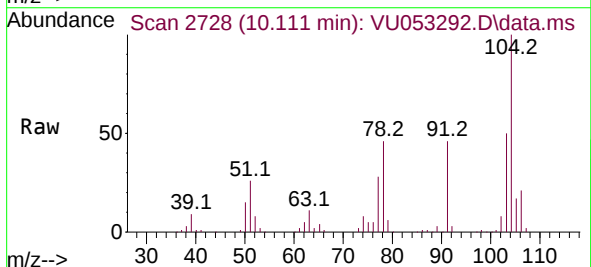
Acq: 18 Mar 2023 01:55

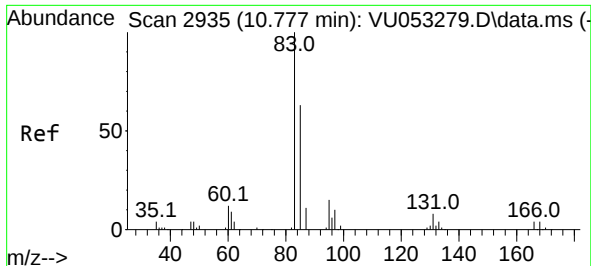
Tgt Ion:104 Resp: 129368

Ion Ratio Lower Upper

104 100

78 46.4 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 50.024 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

EYFB8MS

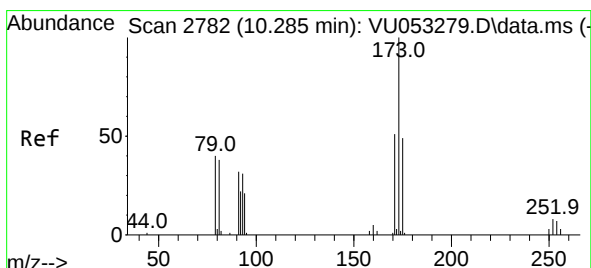
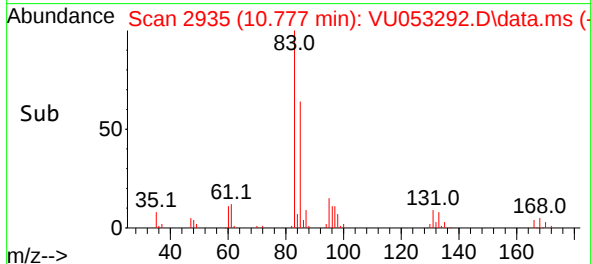
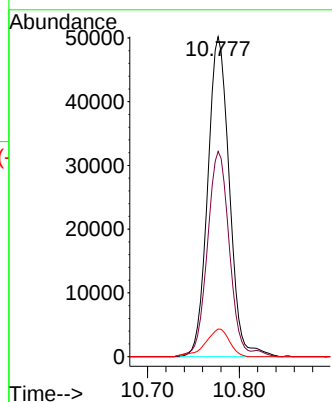
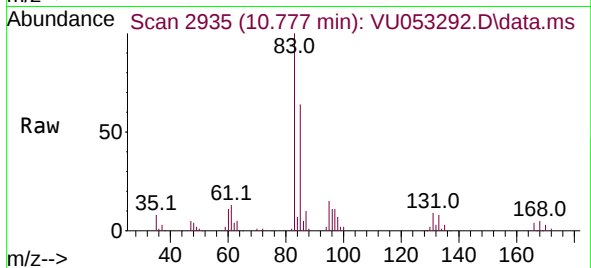
Tgt Ion: 83 Resp: 82000

Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4

131 8.6 6.6 10.0



#59

Bromoform

Concen: 45.768 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

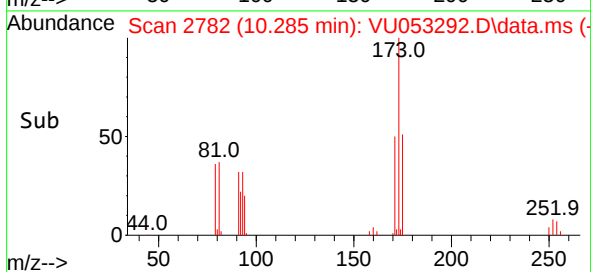
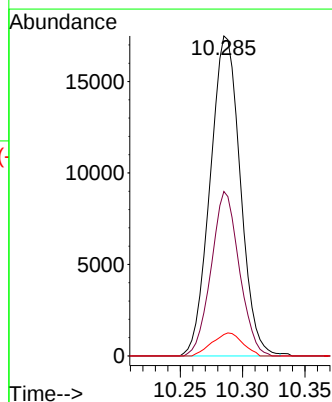
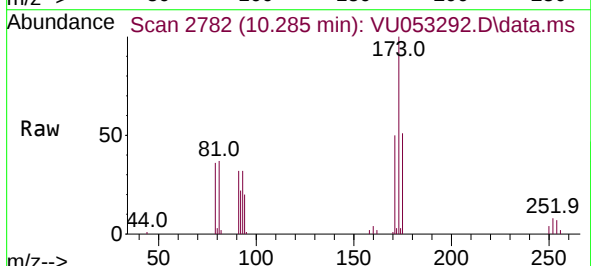
Tgt Ion:173 Resp: 29311

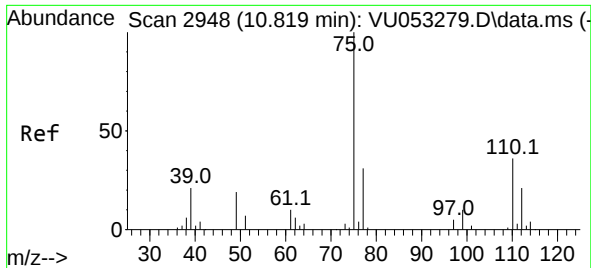
Ion Ratio Lower Upper

173 100

175 47.8 38.5 57.7

254 7.2 6.5 9.7

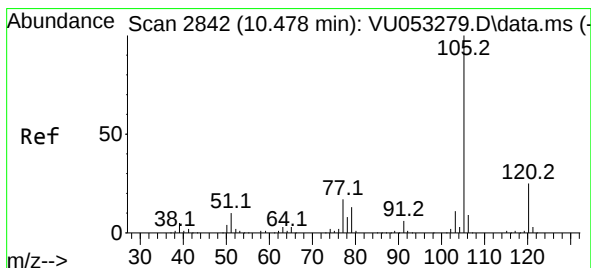
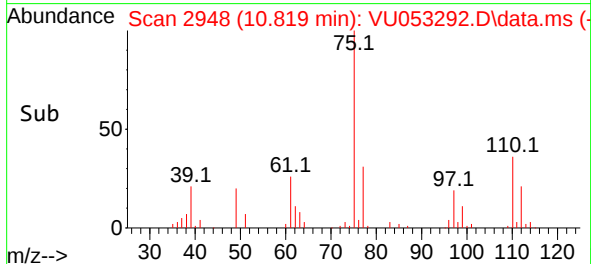
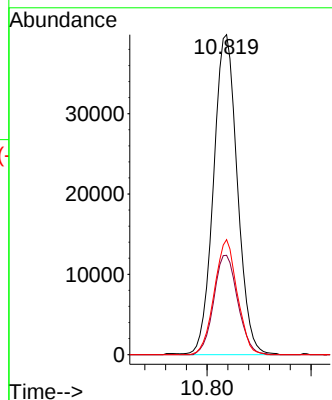
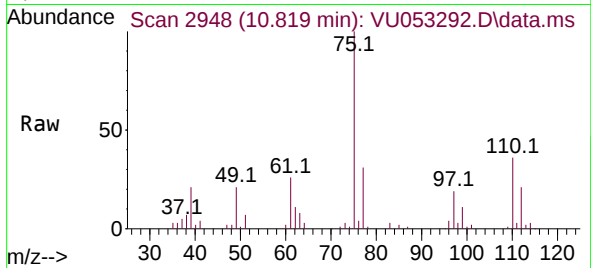




#60
 1,2,3-Trichloropropane
 Concen: 56.714 ug/L
 RT: 10.819 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

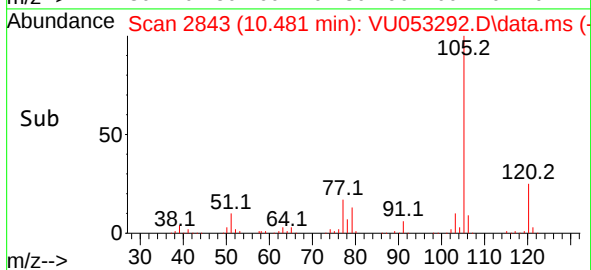
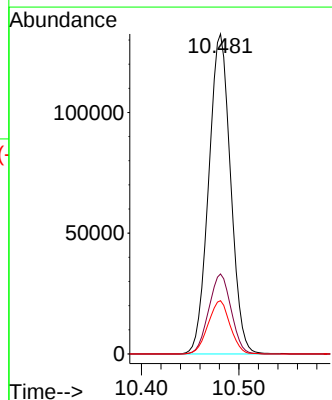
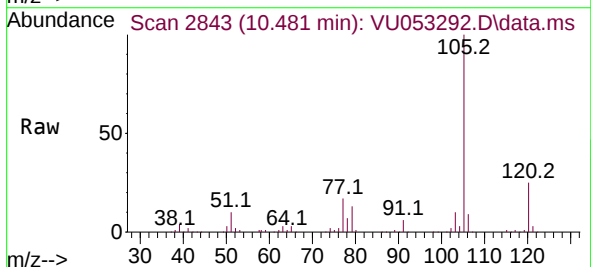
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8MS

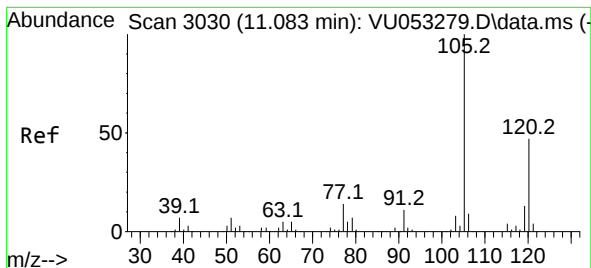
Tgt Ion:	75	Resp:	63421
Ion Ratio	Lower	Upper	
75	100		
77	31.2	26.6	40.0
110	34.4	28.6	42.8



#61
 Isopropylbenzene
 Concen: 46.423 ug/L
 RT: 10.481 min Scan# 2843
 Delta R.T. 0.003 min
 Lab File: VU053292.D
 Acq: 18 Mar 2023 01:55

Tgt Ion:	105	Resp:	206415
Ion Ratio	Lower	Upper	
105	100		
120	25.4	20.4	30.6
77	16.7	13.0	19.4





#62

1,3,5-Trimethylbenzene

Concen: 45.208 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

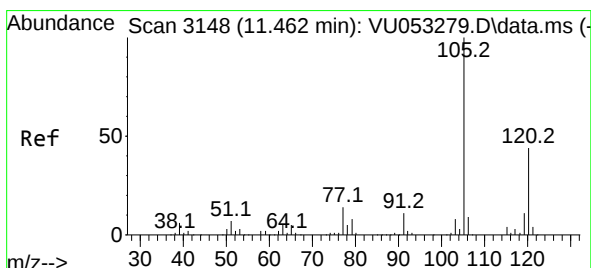
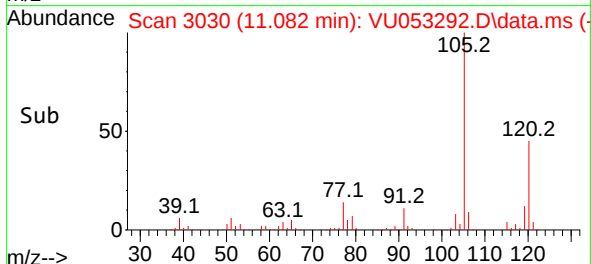
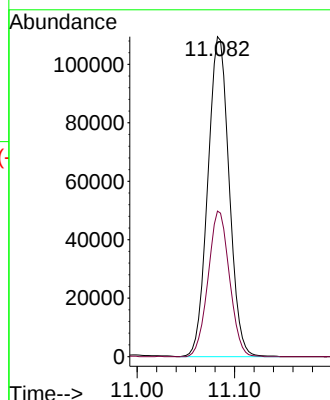
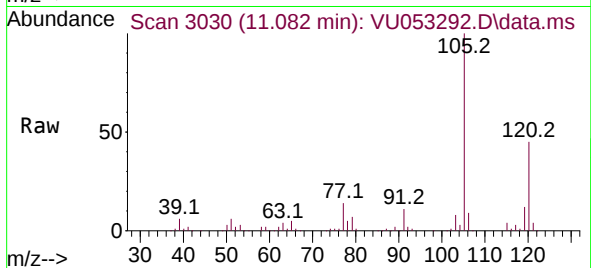
EYFB8MS

Tgt Ion:105 Resp: 166390

Ion Ratio Lower Upper

105 100

120 45.6 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 45.190 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU053292.D

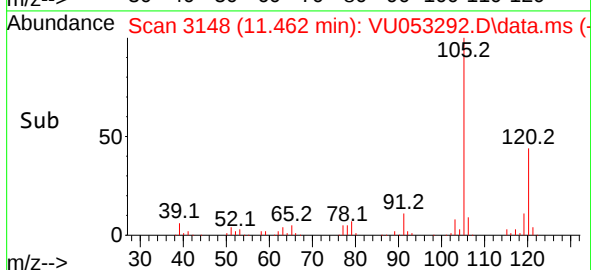
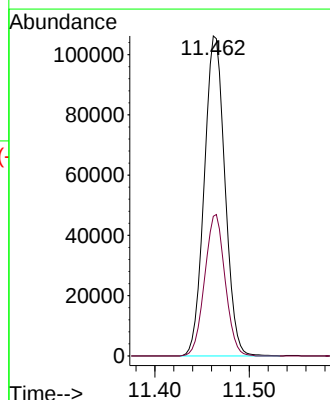
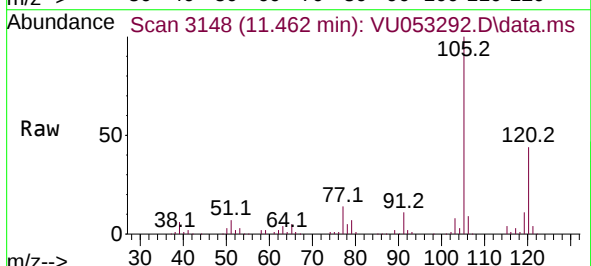
Acq: 18 Mar 2023 01:55

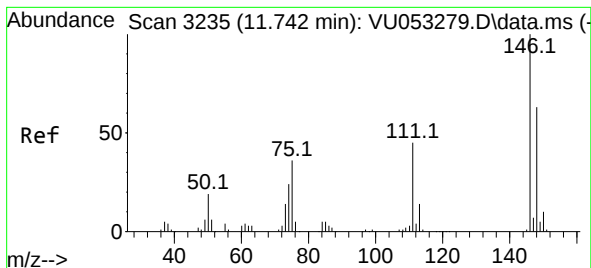
Tgt Ion:105 Resp: 162123

Ion Ratio Lower Upper

105 100

120 43.6 34.6 52.0





#64

1,3-Dichlorobenzene

Concen: 45.085 ug/L

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

EYFB8MS

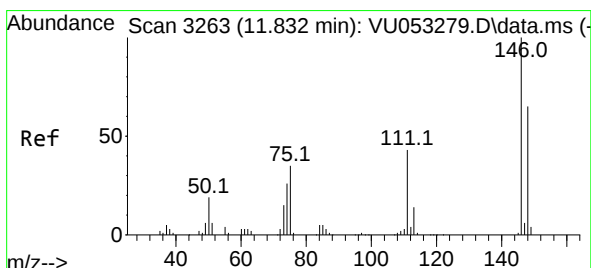
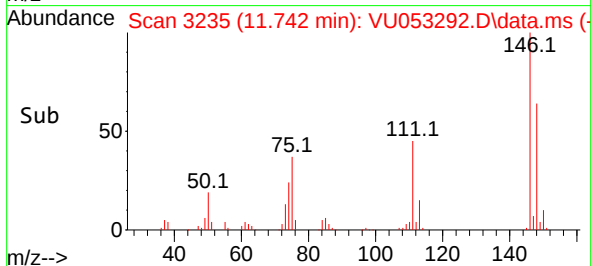
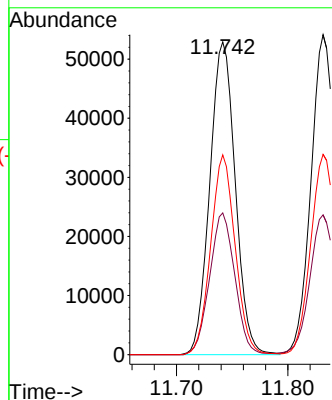
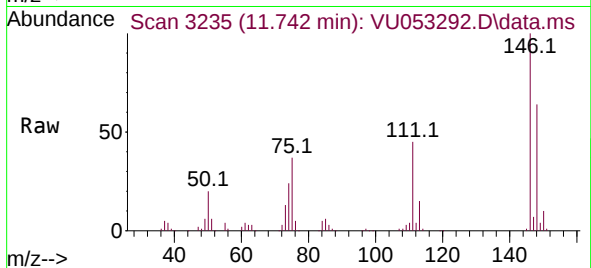
Tgt Ion:146 Resp: 84074

Ion Ratio Lower Upper

146 100

111 45.3 30.2 56.0

148 63.9 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 44.926 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

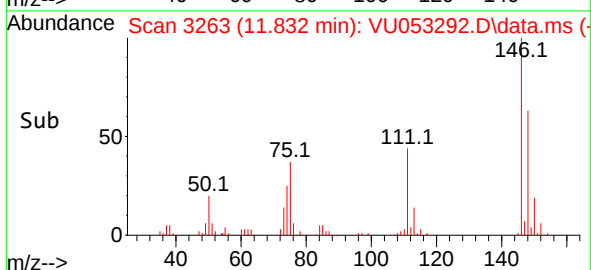
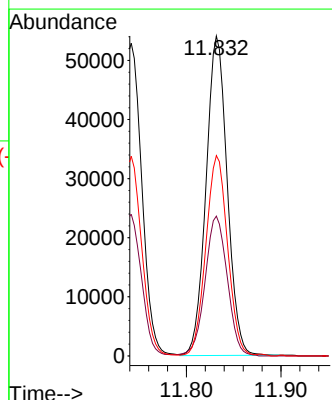
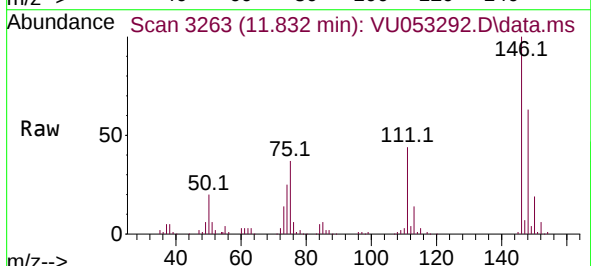
Tgt Ion:146 Resp: 84104

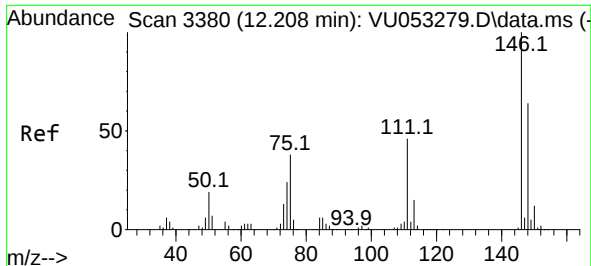
Ion Ratio Lower Upper

146 100

111 43.7 30.7 57.1

148 62.6 45.6 84.8

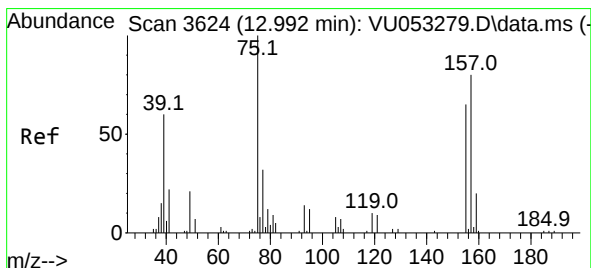
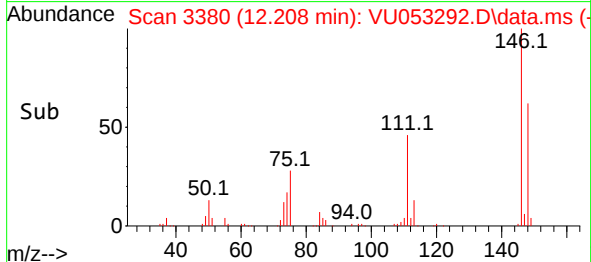
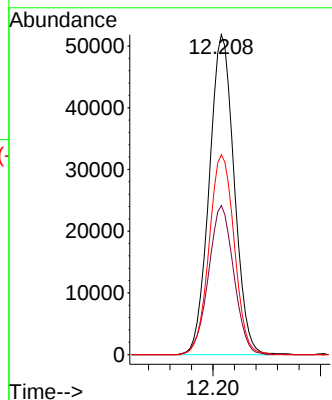
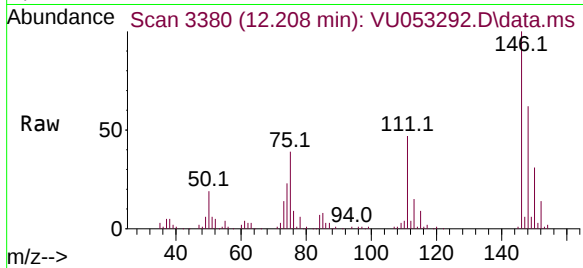




#67
1,2-Dichlorobenzene
Concen: 44.794 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

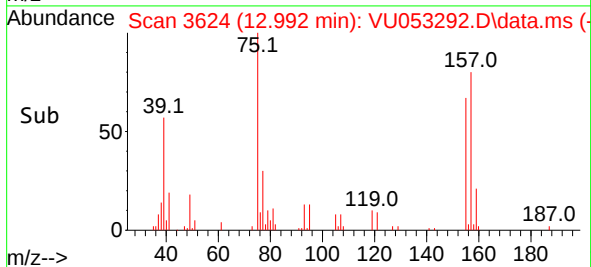
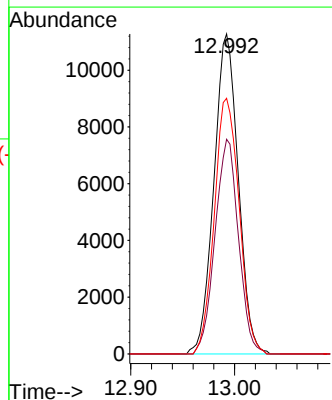
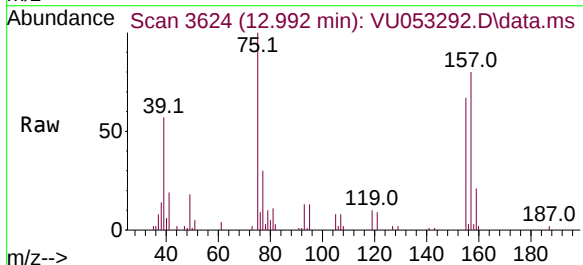
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

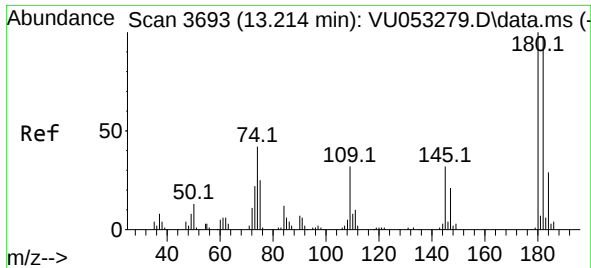
Tgt Ion:146 Resp: 83488
Ion Ratio Lower Upper
146 100
111 46.6 37.0 55.4
148 62.4 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 59.280 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion: 75 Resp: 18331
Ion Ratio Lower Upper
75 100
155 67.1 60.2 90.4
157 79.9 73.0 109.4

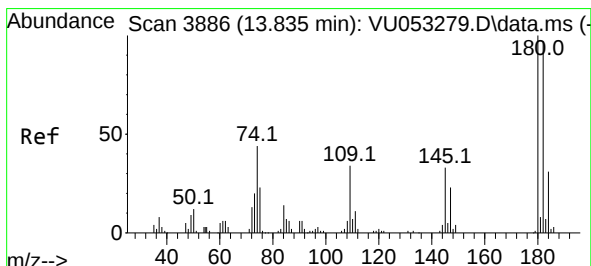
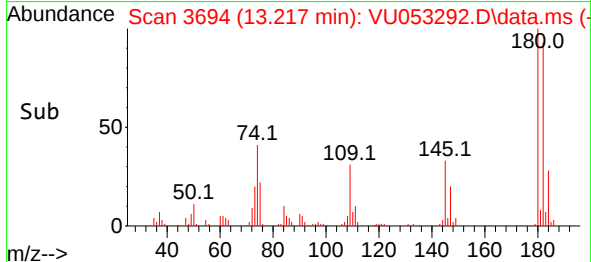
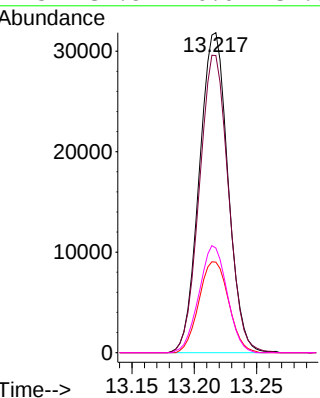
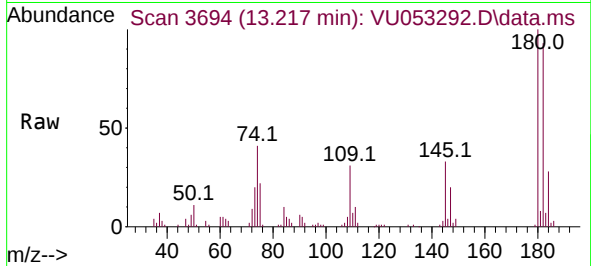




#69
1,3,5-Trichlorobenzene
Concen: 42.925 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

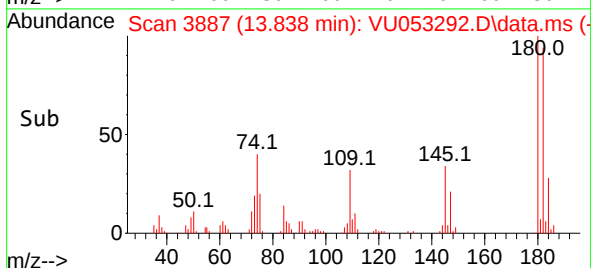
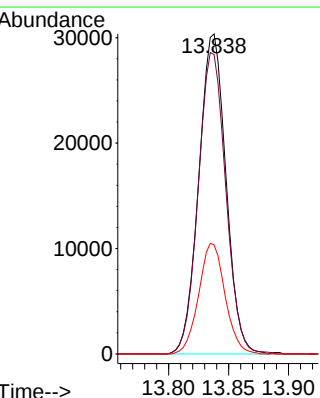
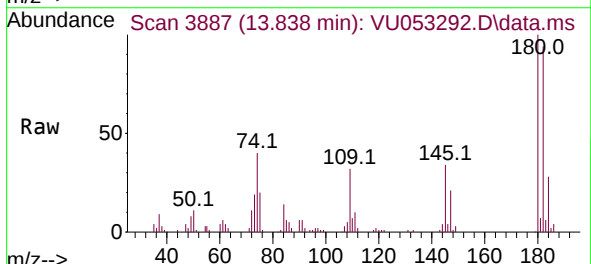
Instrument :
MSVOA_U
ClientSampleId :
EYFB8MS

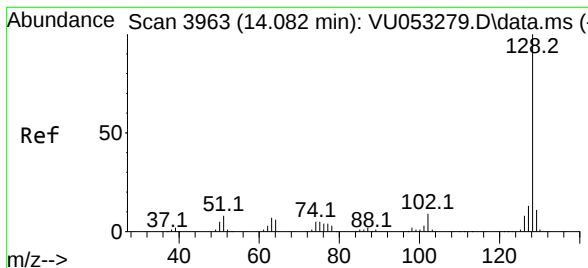
Tgt Ion:180	Resp:	50750
Ion Ratio	Lower	Upper
180	100	
182	93.8	74.5 111.7
184	29.4	23.2 34.8
145	32.8	26.6 39.8



#70
1,2,4-trichlorobenzene
Concen: 45.052 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053292.D
Acq: 18 Mar 2023 01:55

Tgt Ion:180	Resp:	47860
Ion Ratio	Lower	Upper
180	100	
182	95.4	75.8 113.8
145	33.5	27.2 40.8





#71

Naphthalene

Concen: 54.907 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Instrument :

MSVOA_U

ClientSampleId :

EYFB8MS

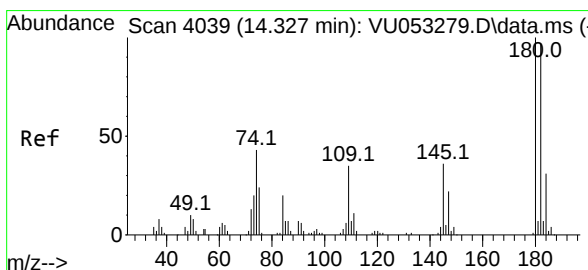
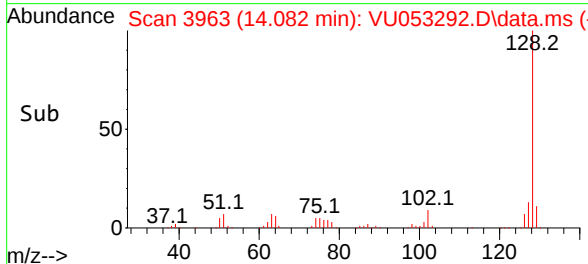
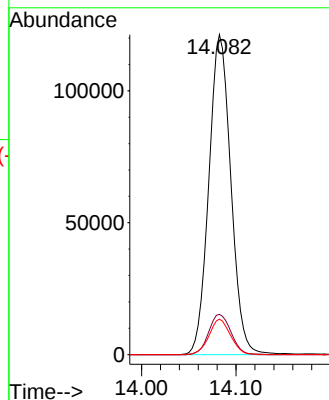
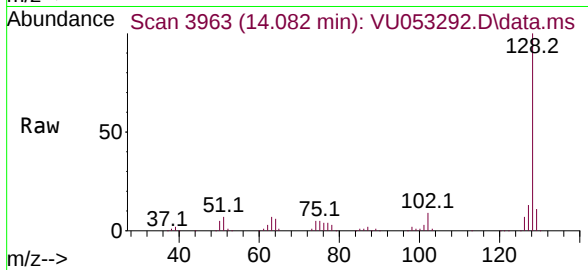
Tgt Ion:128 Resp: 196598

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 47.546 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU053292.D

Acq: 18 Mar 2023 01:55

Tgt Ion:180 Resp: 47899

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

145 33.9 28.6 42.8

