

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032323\
 Data File : VU053366.D
 Acq On : 23 Mar 2023 09:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Quant Time: Mar 24 12:19:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	119313	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	115997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	58083	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44689	40.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.200%
7) Chloroethane-d5	1.912	69	40597	45.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.568	63	80300	42.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.220%
21) 2-Butanone-d5	4.620	46	58702	114.984	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.980%
24) Chloroform-d	5.060	84	83608	46.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.240%
26) 1,2-Dichloroethane-d4	5.697	65	52689	46.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
32) Benzene-d6	5.726	84	164063	43.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.220%
36) 1,2-Dichloropropane-d6	6.687	67	54637	44.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	7.893	98	149266	42.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.220%
43) trans-1,3-Dichloroprop...	8.176	79	26582	44.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.740%
47) 2-Hexanone-d5	8.629	63	37690	99.280	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	80463	51.152	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.300%
66) 1,2-Dichlorobenzene-d4	12.189	152	52442	46.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59472	47.754	ug/L	99
3) Chloromethane	1.520	50	56544	49.273	ug/L	100
5) Vinyl chloride	1.604	62	60521	48.211	ug/L	100
6) Bromomethane	1.858	94	39677	52.581	ug/L	97
8) Chloroethane	1.932	64	39507	53.279	ug/L	97
9) Trichlorofluoromethane	2.137	101	75941	48.485	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	46119	48.676	ug/L	99
12) 1,1-Dichloroethene	2.578	96	40102	45.767	ug/L	94
13) Acetone	2.629	43	65606	112.833	ug/L	96
14) Carbon disulfide	2.793	76	119757	45.124	ug/L	100
15) Methyl Acetate	2.945	43	46334	58.138	ug/L	98
16) Methylene chloride	3.044	84	49854	46.899	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	42448	47.745	ug/L	98
18) Methyl tert-butyl Ether	3.356	73	147849	49.456	ug/L	99
19) 1,1-Dichloroethane	3.864	63	89407	49.265	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	50257	48.128	ug/L	98
22) 2-Butanone	4.700	43	79826	120.506	ug/L	96
23) Bromochloromethane	4.970	128	23428	47.053	ug/L	86
25) Chloroform	5.083	83	89795	49.446	ug/L	97

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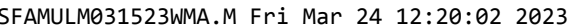
Instrument :
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 VSTD050173

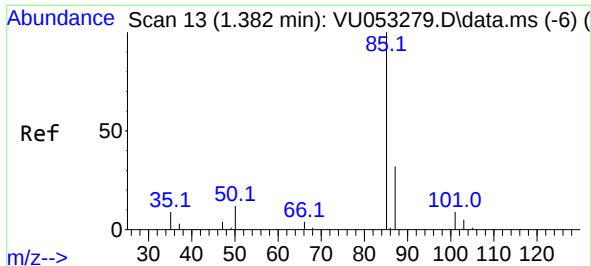
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	72422	50.519	ug/L	100
29) Cyclohexane	5.385	56	78996	45.704	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	74613	47.190	ug/L	97
31) Carbon tetrachloride	5.520	117	60957	47.059	ug/L	99
33) Benzene	5.771	78	197893	49.209	ug/L	100
34) Trichloroethene	6.539	95	49321	47.036	ug/L	98
35) Methylcyclohexane	6.761	83	86032	46.806	ug/L	100
37) 1,2-Dichloropropane	6.787	63	56259	50.142	ug/L	100
38) Bromodichloromethane	7.102	83	66408	47.560	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	88457	47.987	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	131729	114.226	ug/L	97
42) Toluene	7.967	91	208371	48.196	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	81843	48.571	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	50318	49.252	ug/L	98
46) Tetrachloroethene	8.549	164	31649	46.392	ug/L	97
48) 2-Hexanone	8.681	43	110719	114.651	ug/L	99
49) Dibromochloromethane	8.806	129	46947	44.922	ug/L	100
50) 1,2-Dibromoethane	8.919	107	54814	50.353	ug/L	98
51) Chlorobenzene	9.443	112	130615	48.473	ug/L	98
52) Ethylbenzene	9.565	91	236918	48.322	ug/L	99
53) m,p-Xylene	9.690	106	89079	48.679	ug/L	99
54) o-Xylene	10.099	106	86144	47.596	ug/L	97
55) Styrene	10.111	104	148768	49.319	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	88310	52.722	ug/L	99
59) Bromoform	10.288	173	30446	46.062	ug/L	97
60) 1,2,3-Trichloropropane	10.819	75	66711	57.800	ug/L	98
61) Isopropylbenzene	10.481	105	231941	50.541	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	187998	49.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	183153	49.464	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	95467	49.602	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	97036	50.221	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	95882	49.843	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	17876	56.010	ug/L	93
69) 1,3,5-Trichlorobenzene	13.214	180	61767	50.618	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	55228	50.370	ug/L	98
71) Naphthalene	14.082	128	193310	52.309	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	54430	52.348	ug/L	97

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

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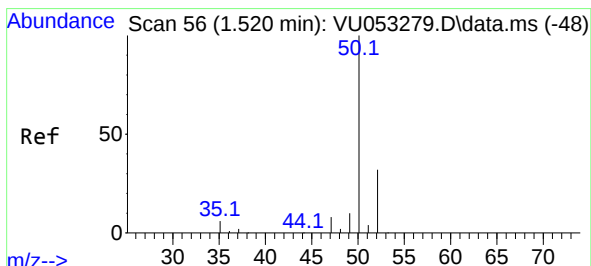
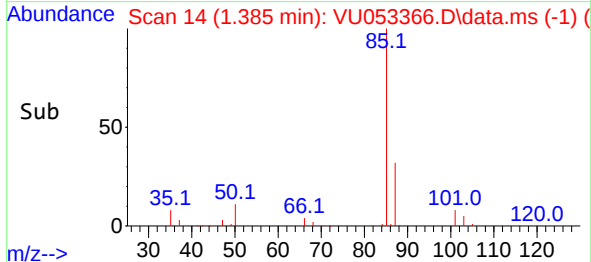
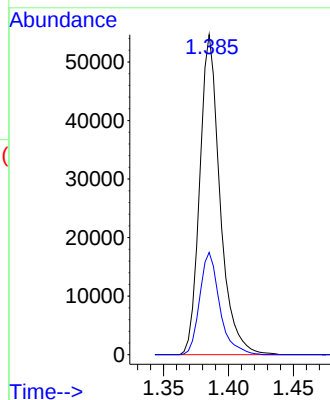
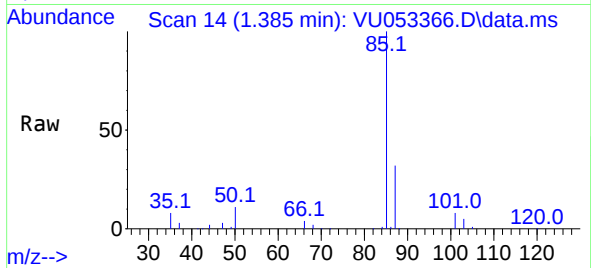




#2
Dichlorodifluoromethane
Concen: 47.754 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

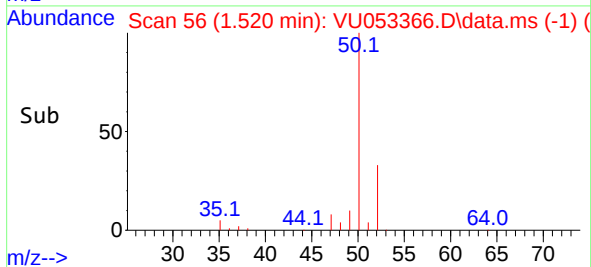
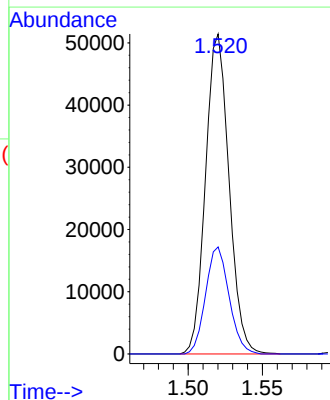
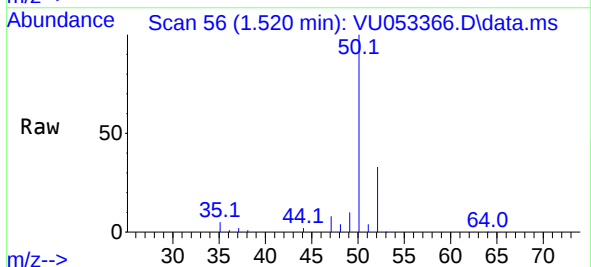
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

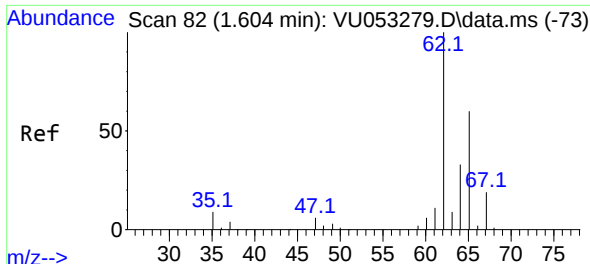
Tgt Ion: 85 Resp: 59472
Ion Ratio Lower Upper
85 100
87 31.5 25.8 38.8



#3
Chloromethane
Concen: 49.273 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 50 Resp: 56544
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4

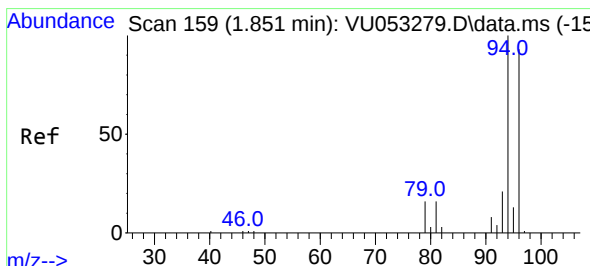
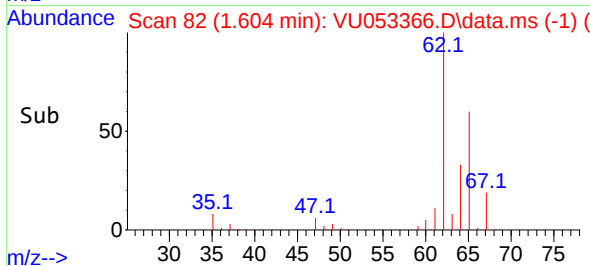
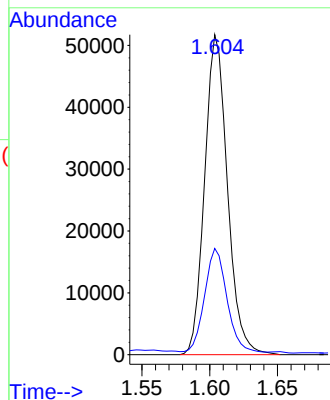
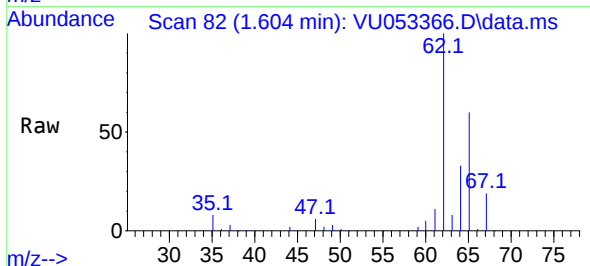




#5
Vinyl chloride
Concen: 48.211 ug/L
RT: 1.604 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

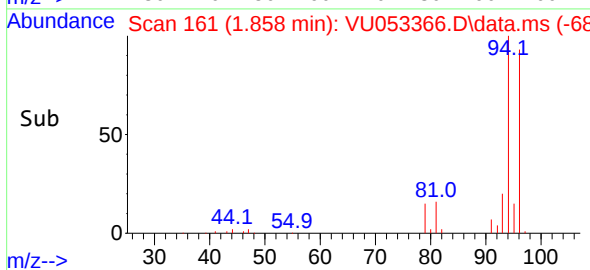
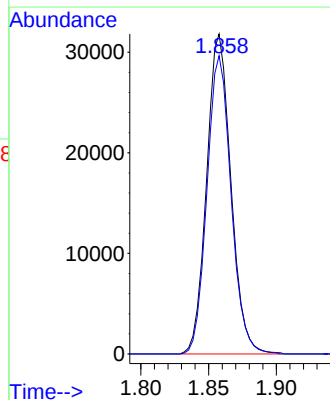
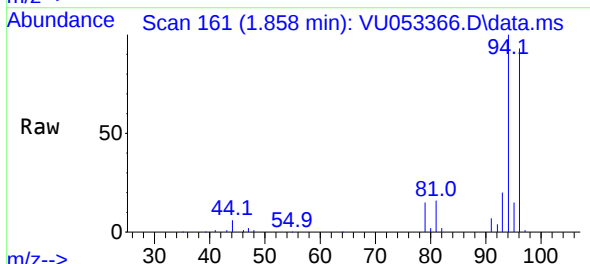
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ClientSampleId :
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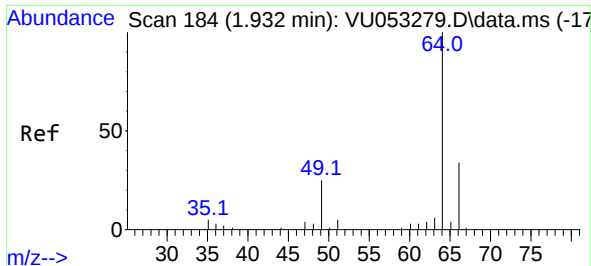
Tgt Ion: 62 Resp: 60521
Ion Ratio Lower Upper
62 100
64 33.2 23.2 43.0



#6
Bromomethane
Concen: 52.581 ug/L
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 94 Resp: 39677
Ion Ratio Lower Upper
94 100
96 93.2 67.5 125.3

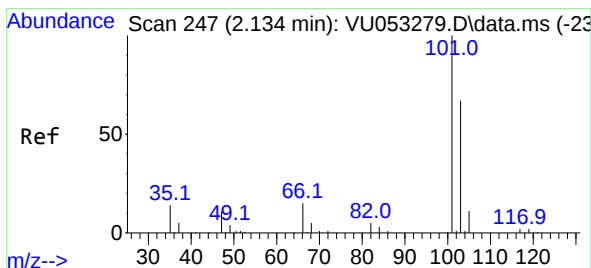
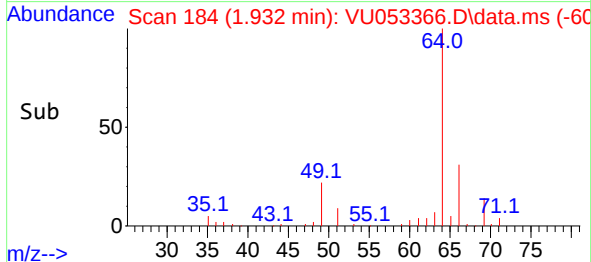
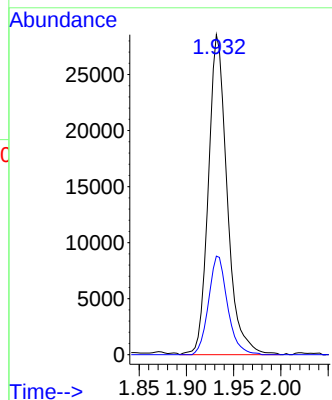
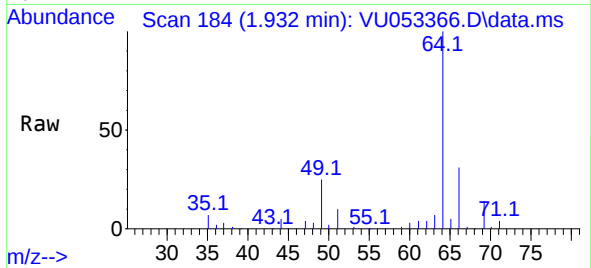




#8
Chloroethane
Concen: 53.279 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

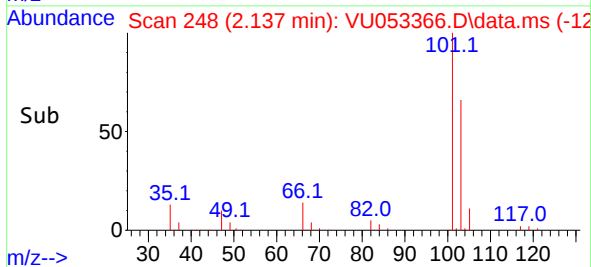
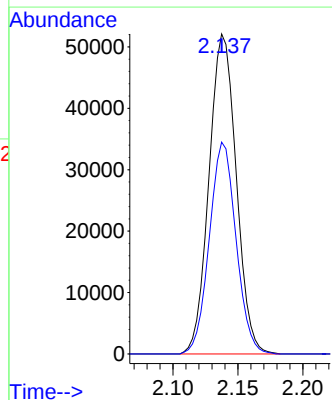
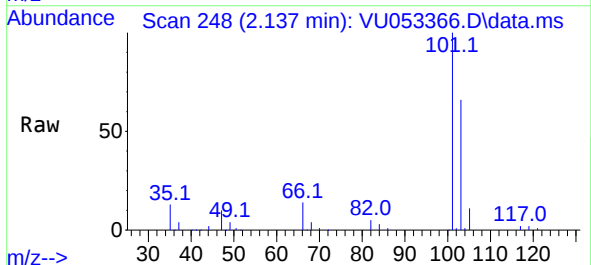
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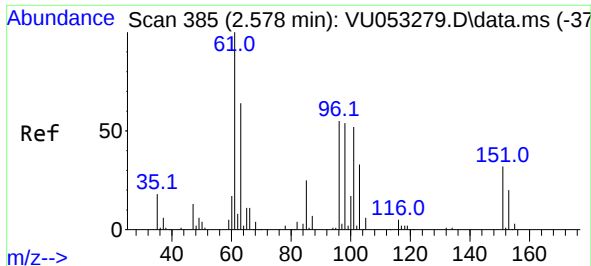
Tgt Ion: 64 Resp: 39507
Ion Ratio Lower Upper
64 100
66 30.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 48.485 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:101 Resp: 75941
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

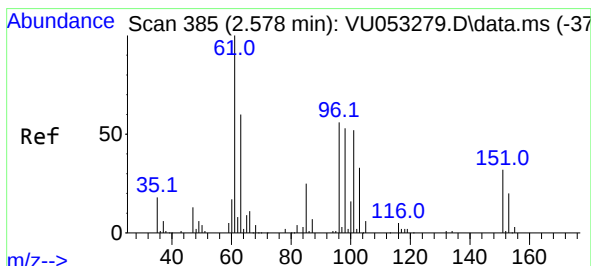
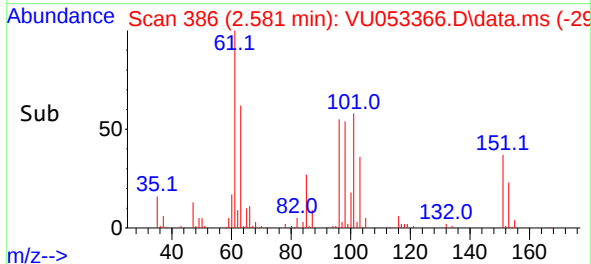
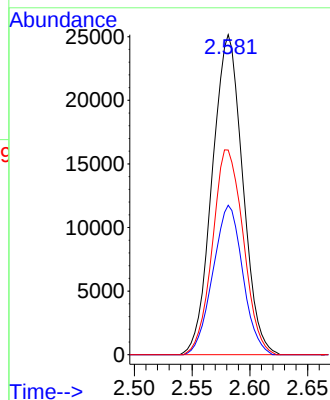
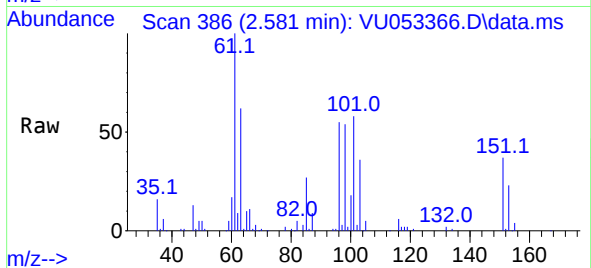




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.676 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

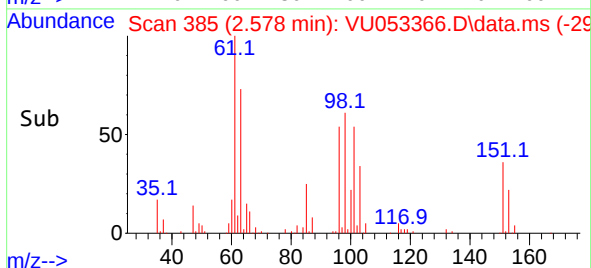
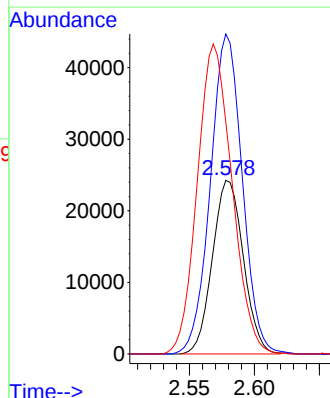
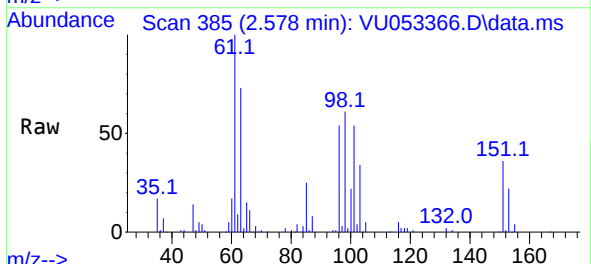
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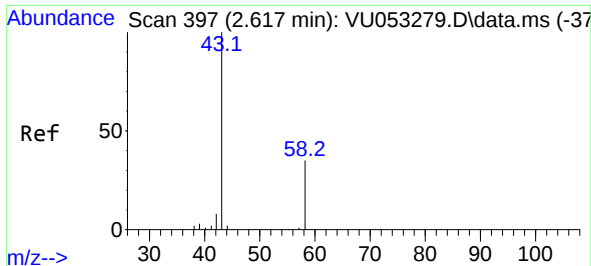
Tgt Ion:101 Resp: 46119
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 64.9 52.9 79.3



#12
1,1-Dichloroethene
Concen: 45.767 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 96 Resp: 40102
Ion Ratio Lower Upper
96 100
61 184.3 122.2 226.9
63 133.6 89.9 166.9





#13

Acetone

Concen: 112.833 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU053366.D

Acq: 23 Mar 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

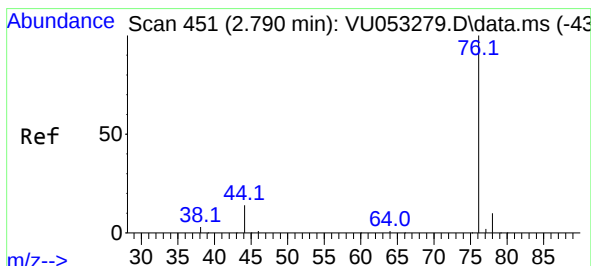
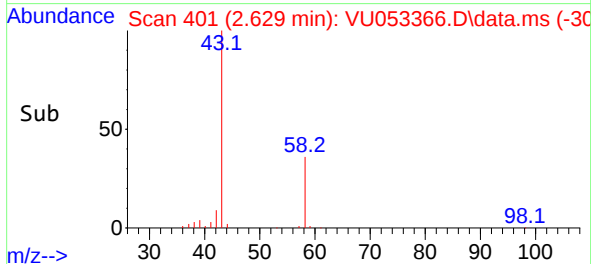
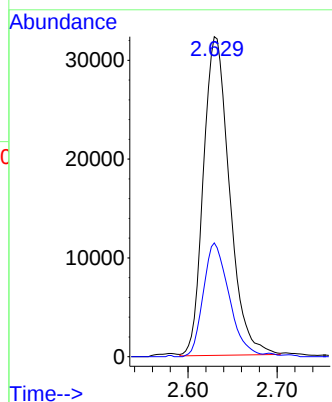
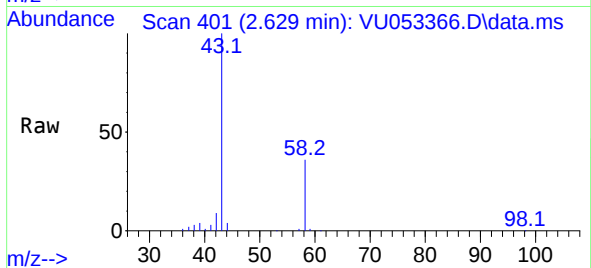
VSTD050173

Tgt Ion: 43 Resp: 65606

Ion Ratio Lower Upper

43 100

58 35.4 0.0 75.0



#14

Carbon disulfide

Concen: 45.124 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU053366.D

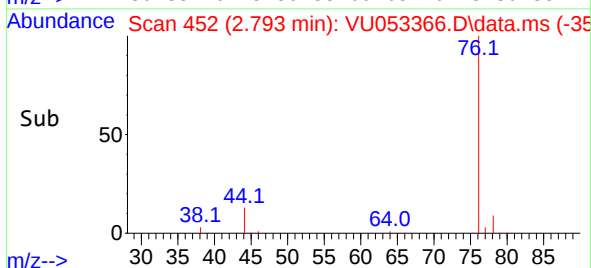
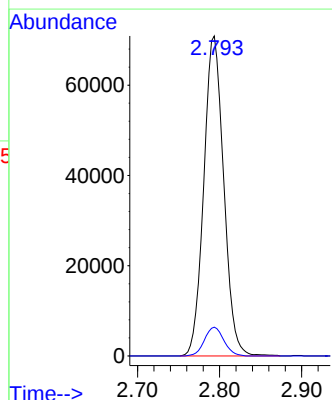
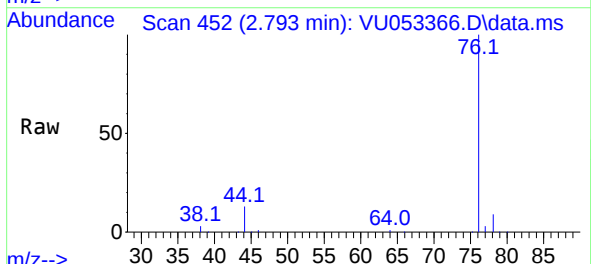
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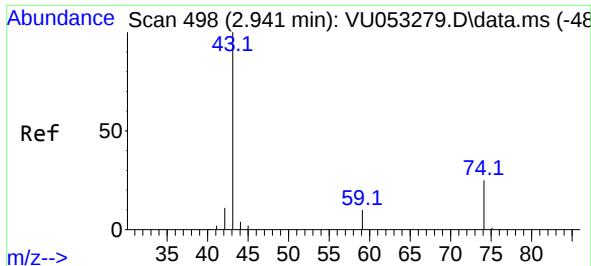
Tgt Ion: 76 Resp: 119757

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

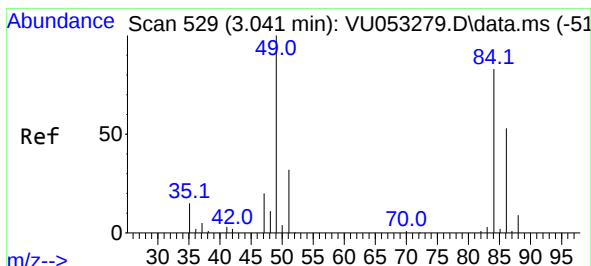
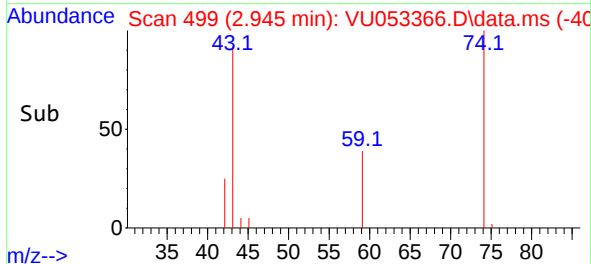
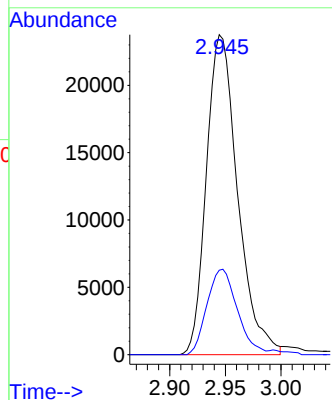
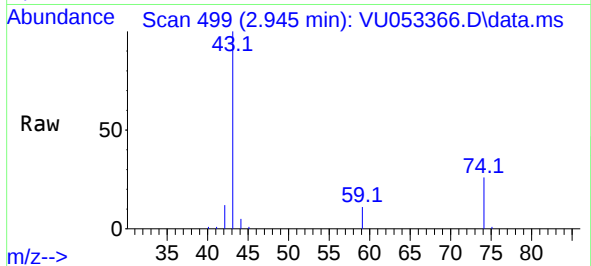




#15
Methyl Acetate
Concen: 58.138 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

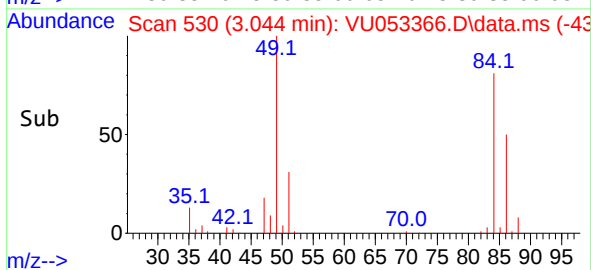
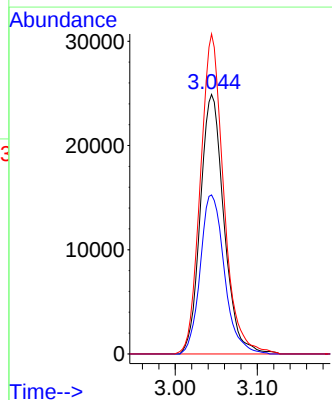
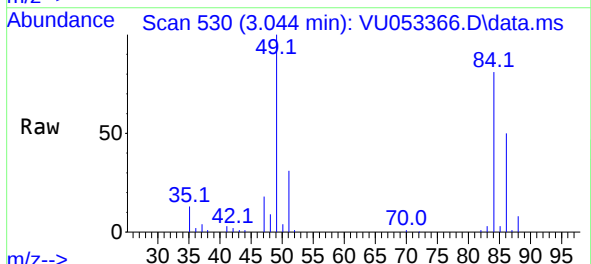
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

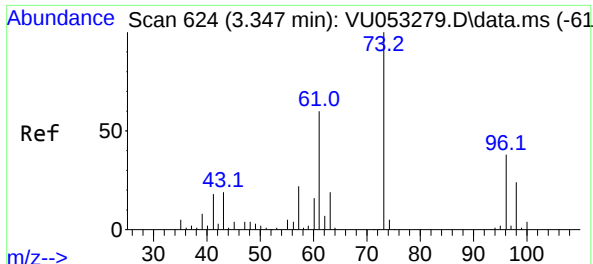
Tgt Ion: 43 Resp: 46334
Ion Ratio Lower Upper
43 100
74 25.8 21.4 32.0



#16
Methylene chloride
Concen: 46.899 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 84 Resp: 49854
Ion Ratio Lower Upper
84 100
86 61.2 44.4 82.4
49 123.3 81.6 151.6

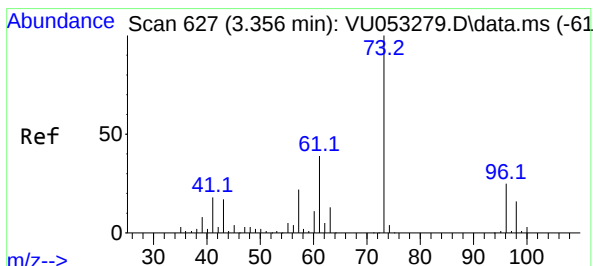
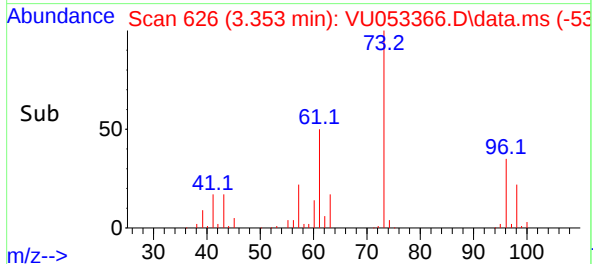
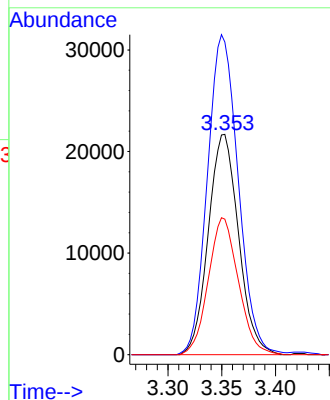
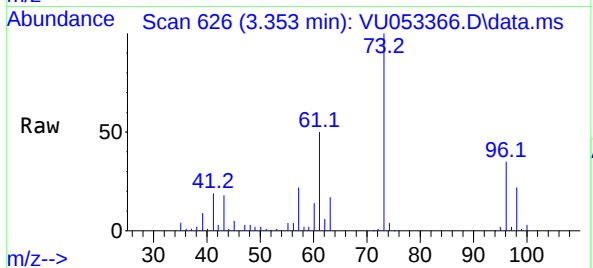




#17
trans-1,2-Dichloroethene
Concen: 47.745 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

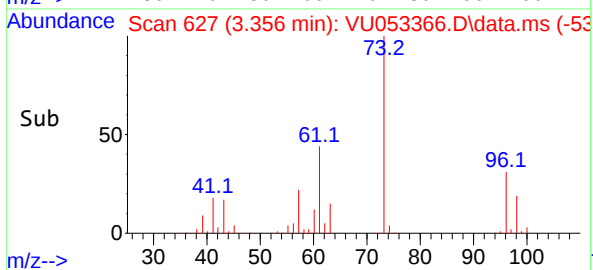
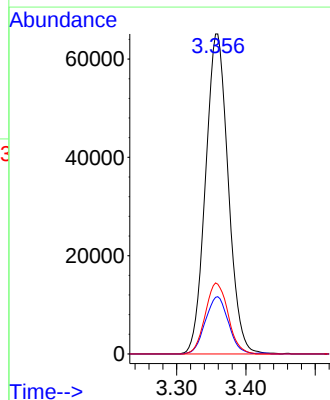
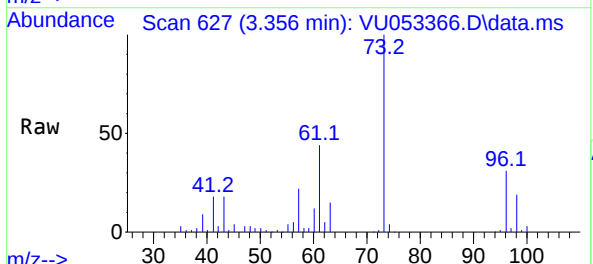
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

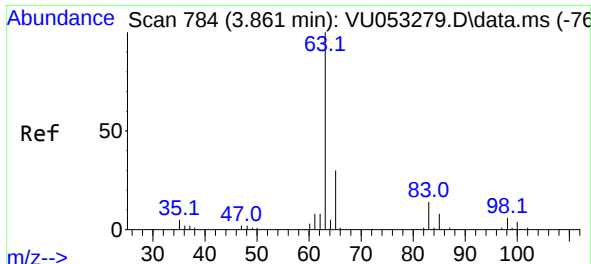
Tgt Ion: 96 Resp: 42448
Ion Ratio Lower Upper
96 100
61 141.9 99.6 185.0
98 61.5 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 49.456 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 73 Resp: 147849
Ion Ratio Lower Upper
73 100
43 18.2 14.2 21.2
57 22.4 18.0 27.0

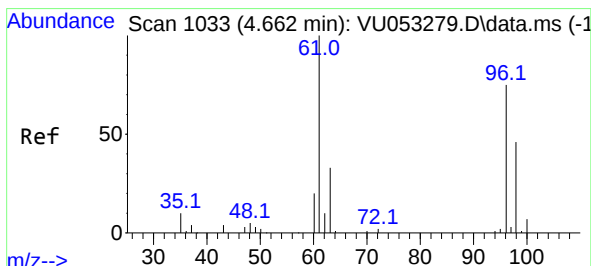
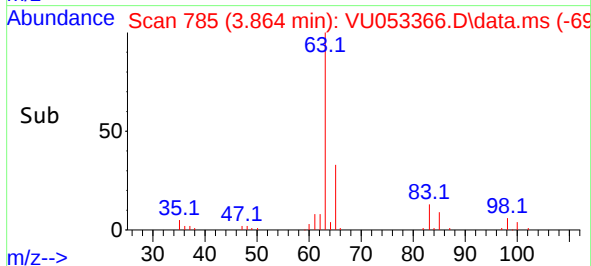
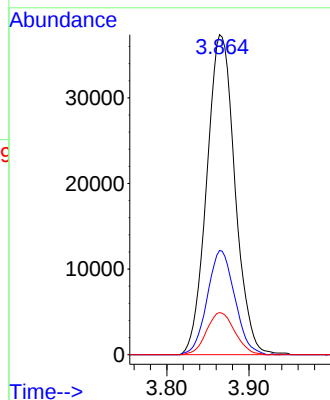
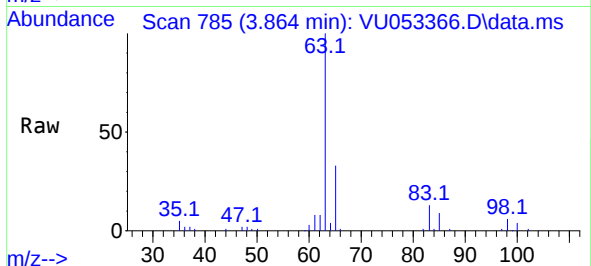




#19
1,1-Dichloroethane
Concen: 49.265 ug/L
RT: 3.864 min Scan# 784
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

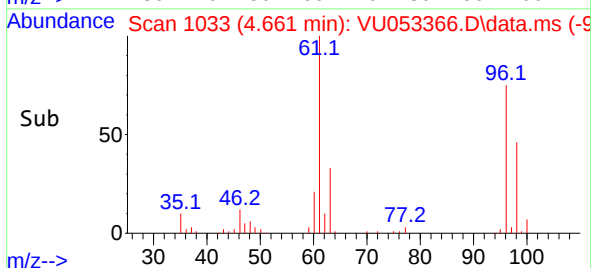
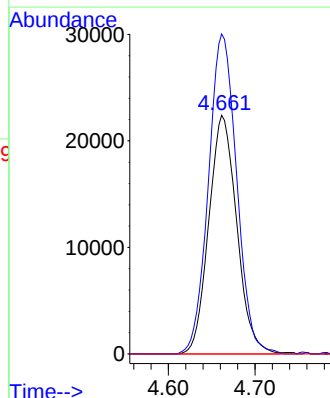
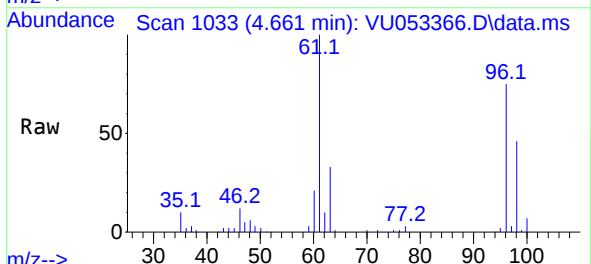
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

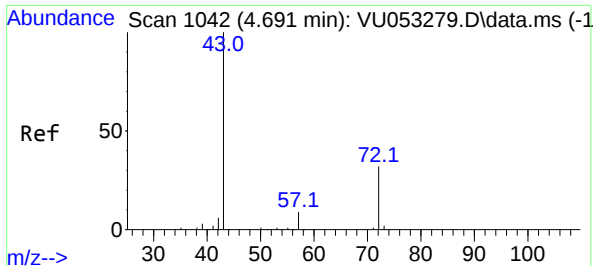
Tgt Ion: 63 Resp: 89407
Ion Ratio Lower Upper
63 100
65 32.6 22.8 42.4
83 13.2 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 48.128 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 96 Resp: 50257
Ion Ratio Lower Upper
96 100
61 134.1 92.5 171.7
68 0.0 0.0 0.0

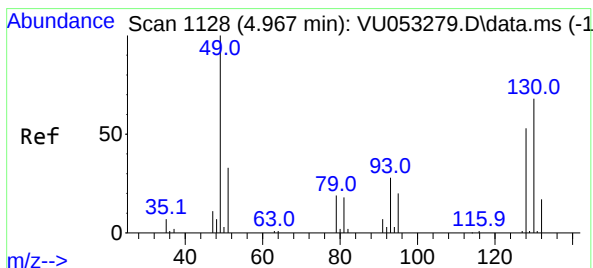
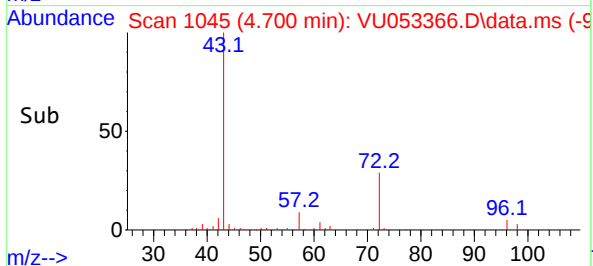
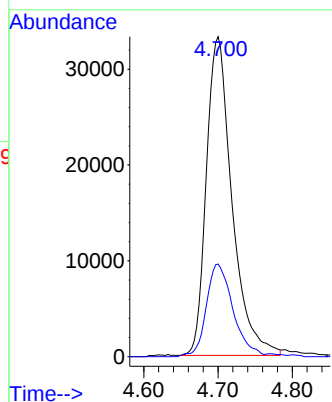
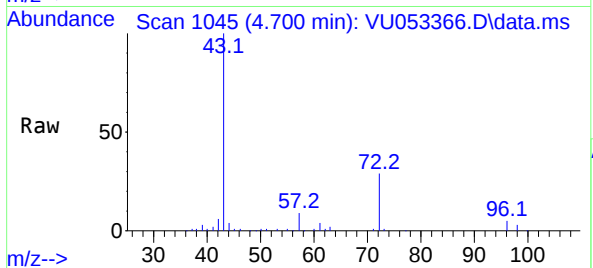




#22
2-Butanone
Concen: 120.506 ug/L
RT: 4.700 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

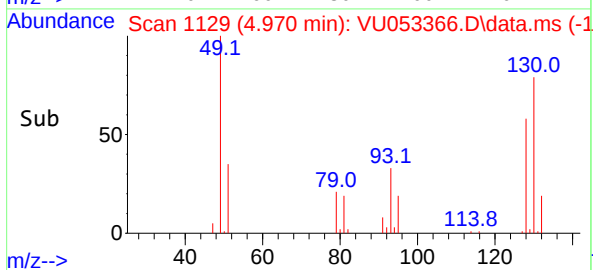
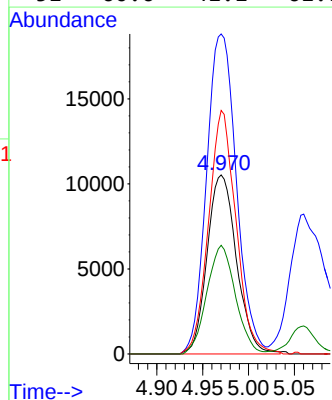
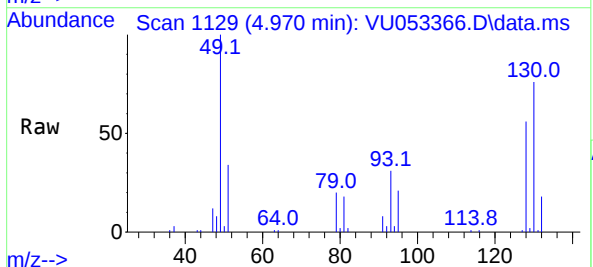
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

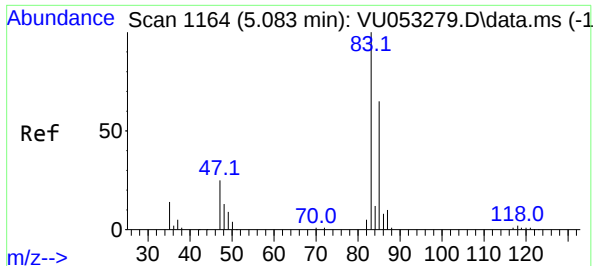
Tgt Ion: 43 Resp: 79826
Ion Ratio Lower Upper
43 100
72 29.8 16.0 47.9



#23
Bromochloromethane
Concen: 47.053 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:128 Resp: 23428
Ion Ratio Lower Upper
128 100
49 178.7 109.9 204.1
130 136.0 87.2 161.9
51 60.6 41.1 61.7

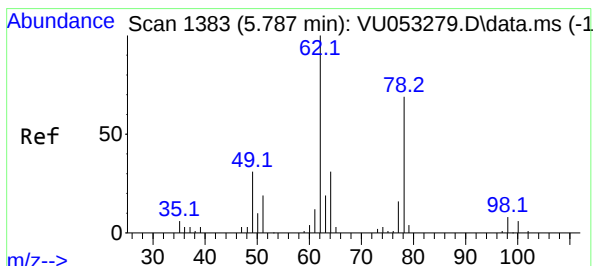
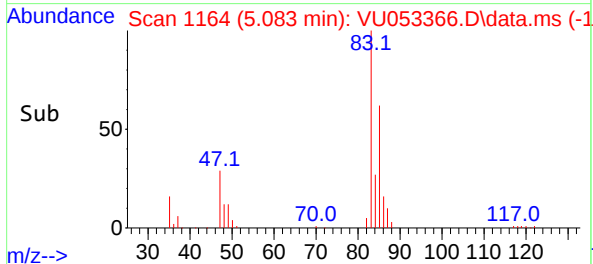
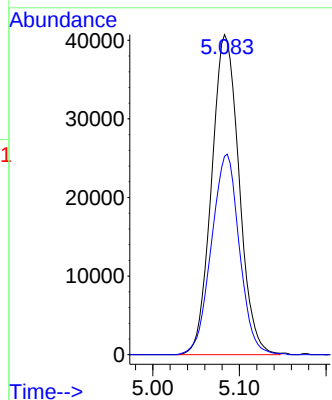
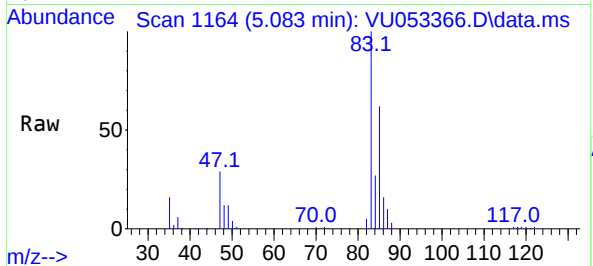




#25
Chloroform
Concen: 49.446 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

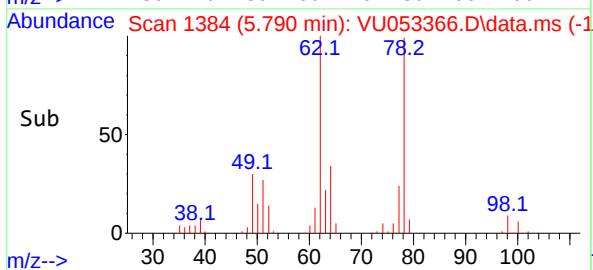
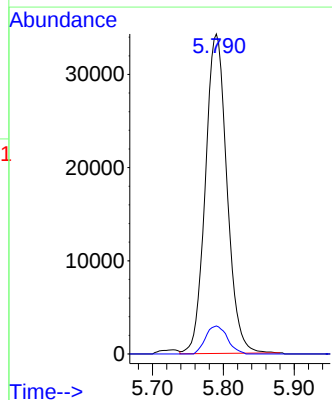
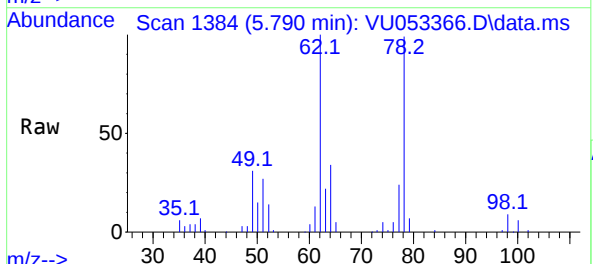
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

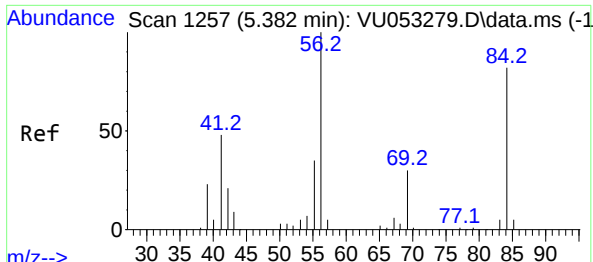
Tgt Ion: 83 Resp: 89795
Ion Ratio Lower Upper
83 100
85 62.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 50.519 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 62 Resp: 72422
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 45.704 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053366.D

Acq: 23 Mar 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

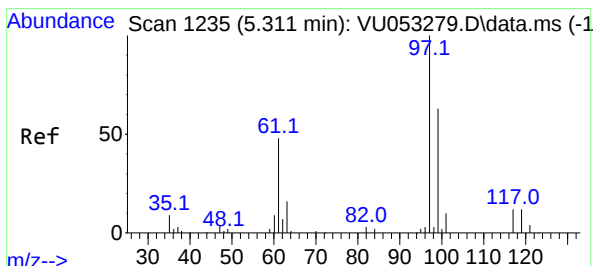
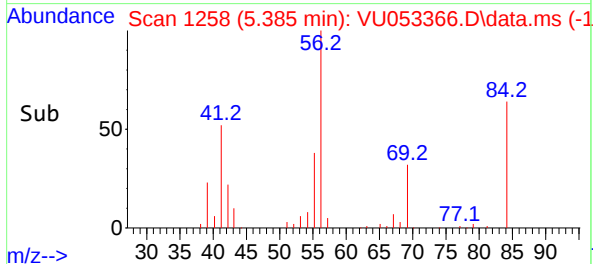
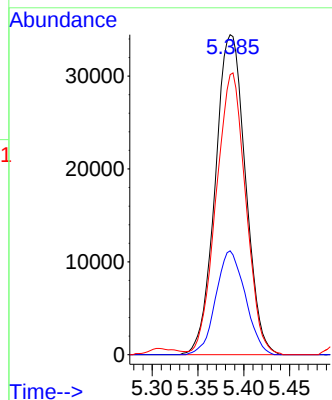
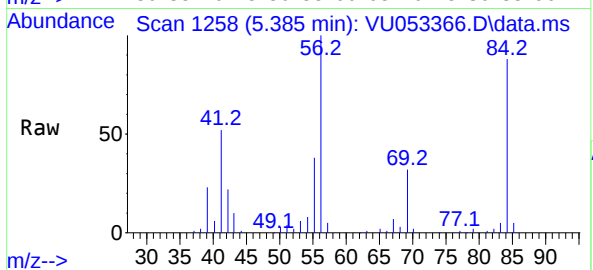
Tgt Ion: 56 Resp: 78996

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 86.4 69.0 103.6



#30

1,1,1-Trichloroethane

Concen: 47.190 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU053366.D

Acq: 23 Mar 2023 09:50

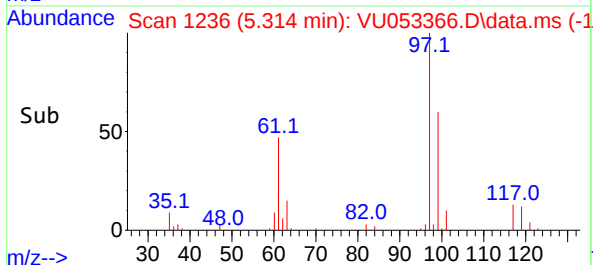
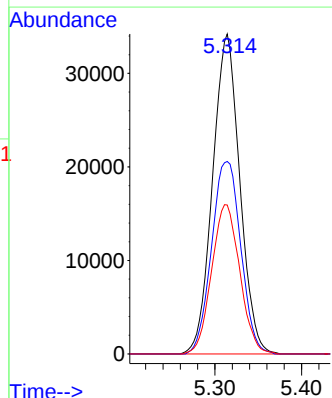
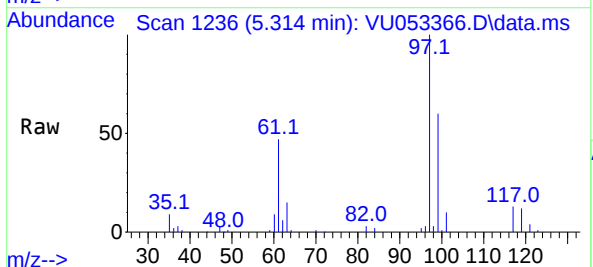
Tgt Ion: 97 Resp: 74613

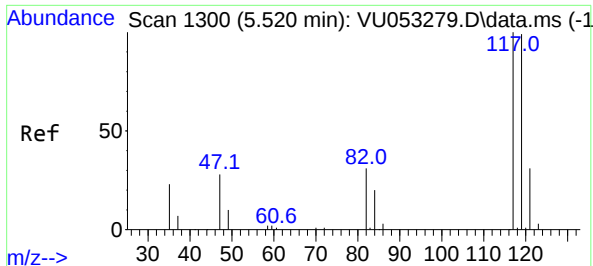
Ion Ratio Lower Upper

97 100

99 64.7 50.6 76.0

61 48.5 36.0 54.0

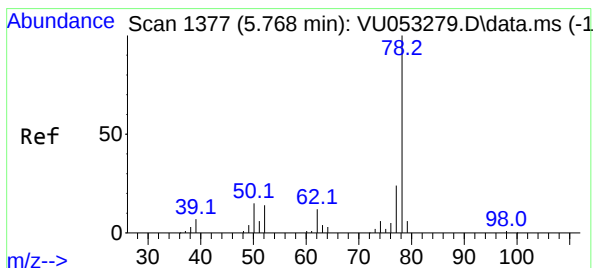
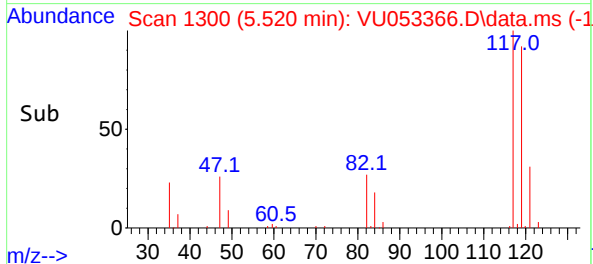
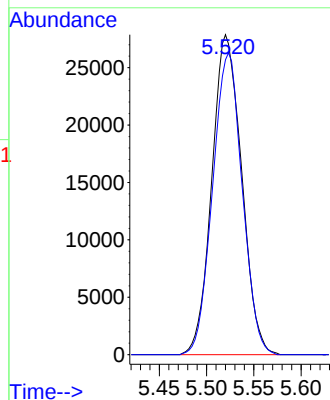
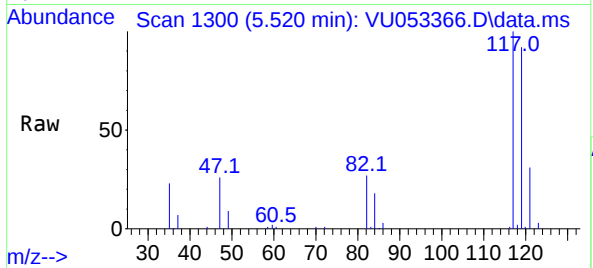




#31
Carbon tetrachloride
Concen: 47.059 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

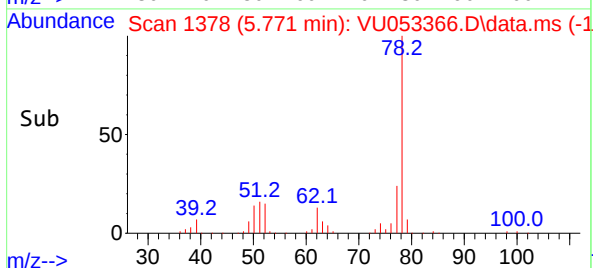
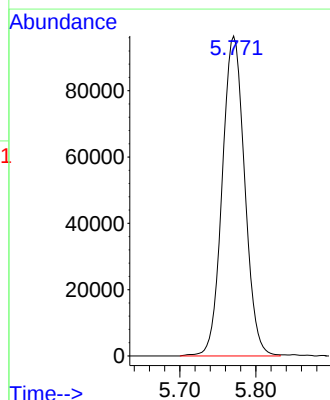
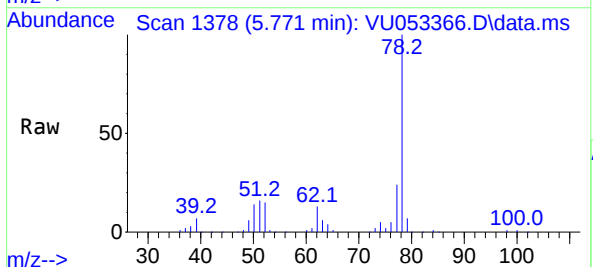
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

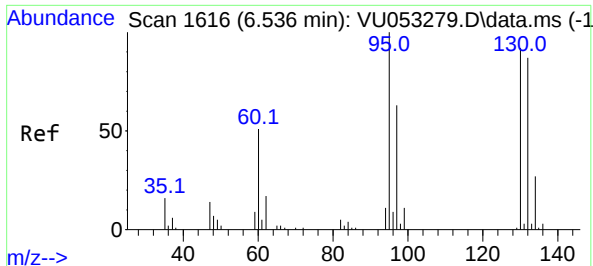
Tgt Ion:117 Resp: 60957
Ion Ratio Lower Upper
117 100
119 93.9 76.2 114.2



#33
Benzene
Concen: 49.209 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 78 Resp: 197893

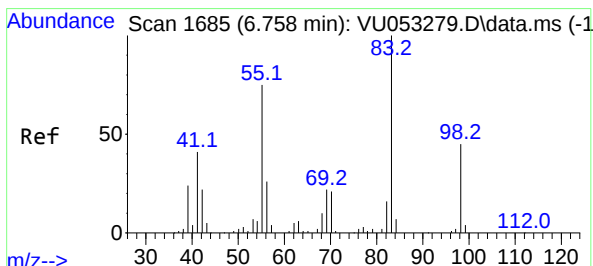
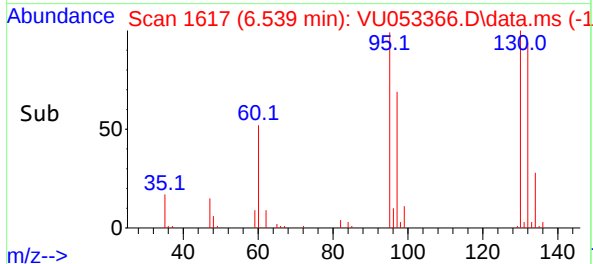
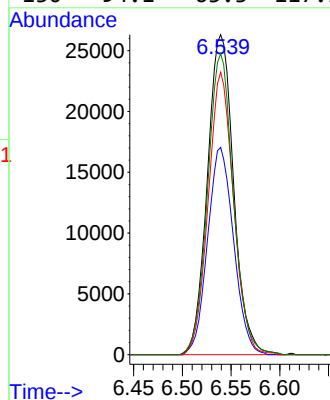
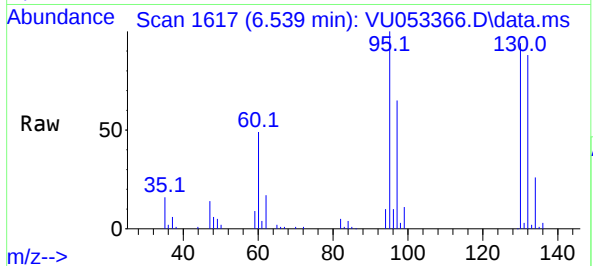




#34
Trichloroethene
Concen: 47.036 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

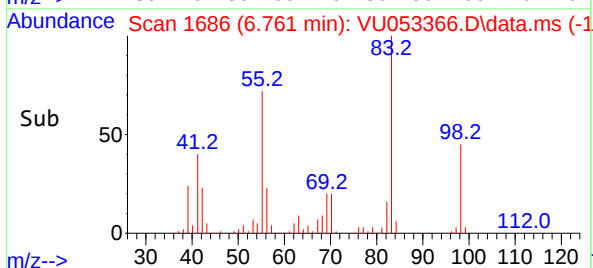
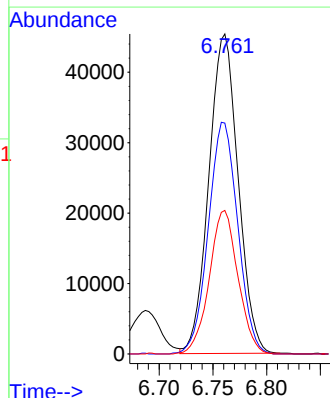
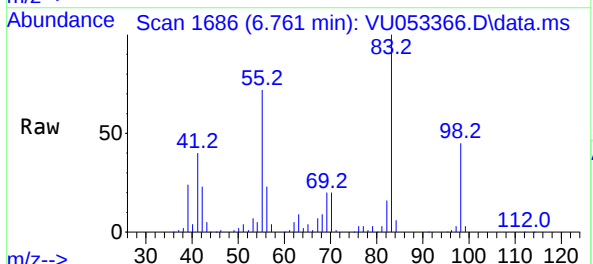
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

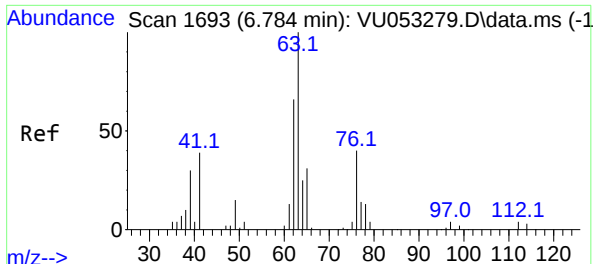
Tgt Ion: 95 Resp: 49321
Ion Ratio Lower Upper
95 100
97 64.8 43.8 81.3
132 88.3 61.5 114.3
130 94.1 63.3 117.5



#35
Methylcyclohexane
Concen: 46.806 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 83 Resp: 86032
Ion Ratio Lower Upper
83 100
55 73.0 58.2 87.4
98 44.1 35.4 53.2

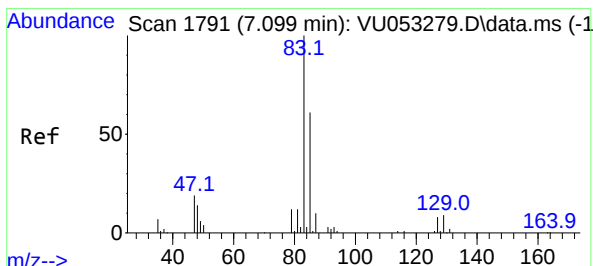
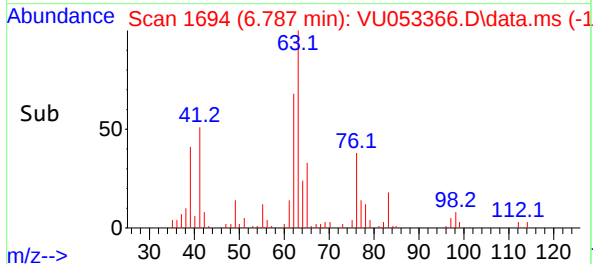
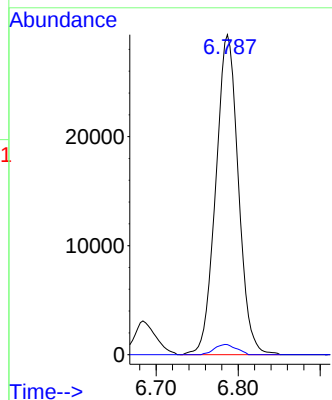
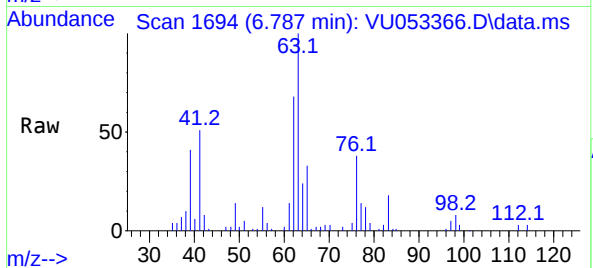




#37
1,2-Dichloropropane
Concen: 50.142 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

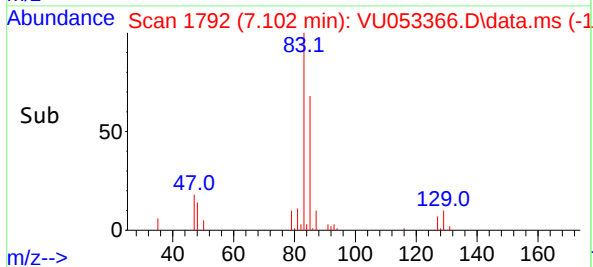
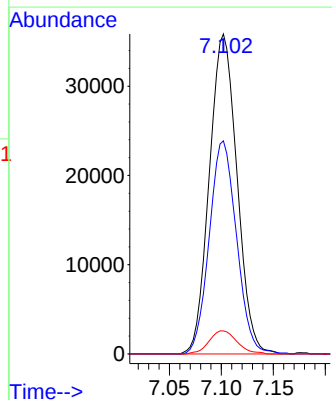
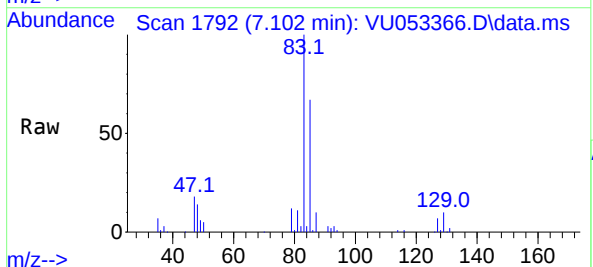
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

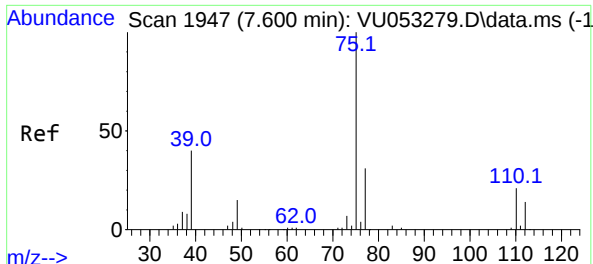
Tgt Ion: 63 Resp: 56259
Ion Ratio Lower Upper
63 100
112 3.1 2.6 3.8



#38
Bromodichloromethane
Concen: 47.560 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 83 Resp: 66408
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.2
127 7.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 47.987 ug/L

RT: 7.604 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VU053366.D

Acq: 23 Mar 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

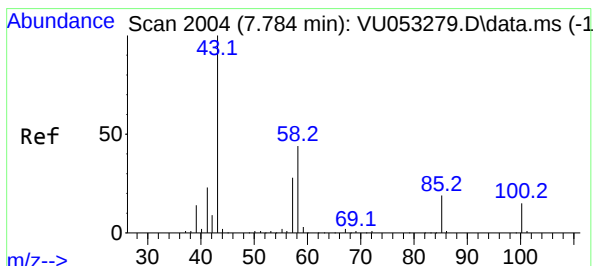
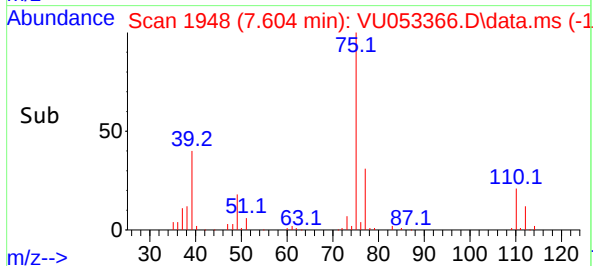
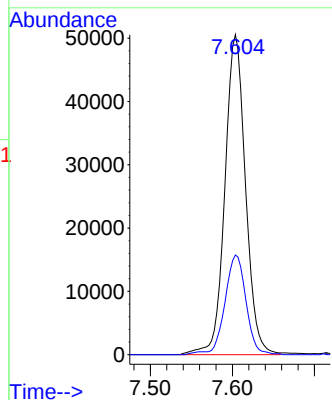
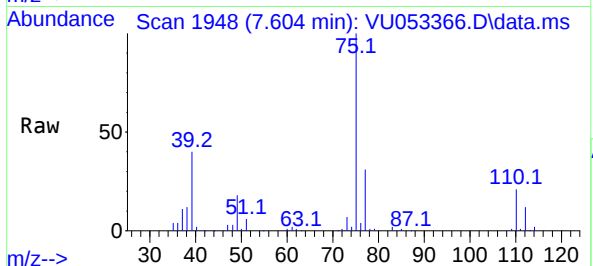
VSTD050173

Tgt Ion: 75 Resp: 88457

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 114.226 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU053366.D

Acq: 23 Mar 2023 09:50

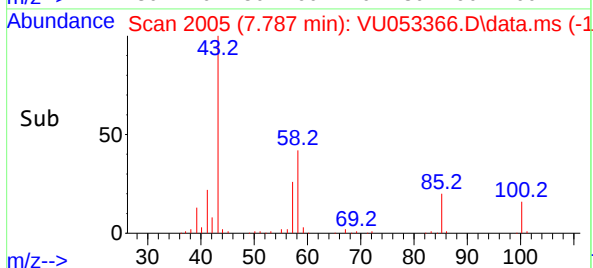
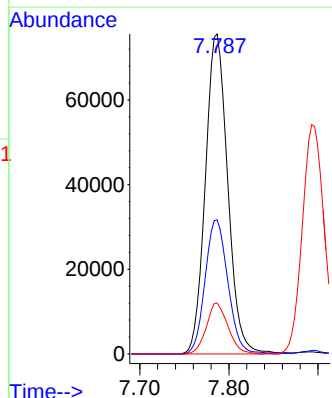
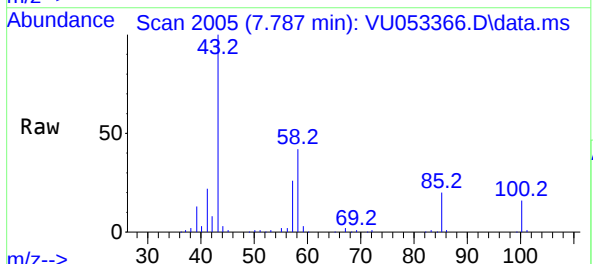
Tgt Ion: 43 Resp: 131729

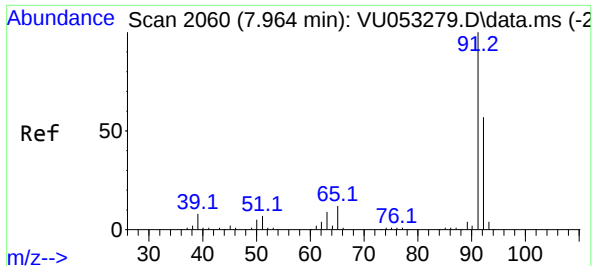
Ion Ratio Lower Upper

43 100

58 42.7 35.8 53.6

100 15.4 13.0 19.6





#42

Toluene

Concen: 48.196 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053366.D

Acq: 23 Mar 2023 09:50

Instrument :

MSVOA_U

ClientSampleId :

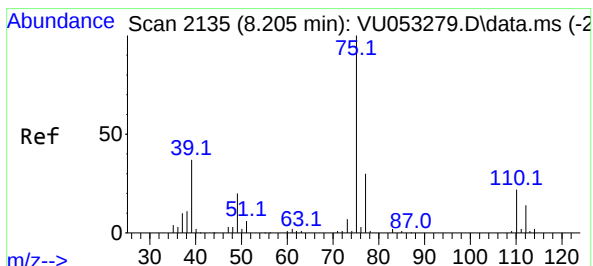
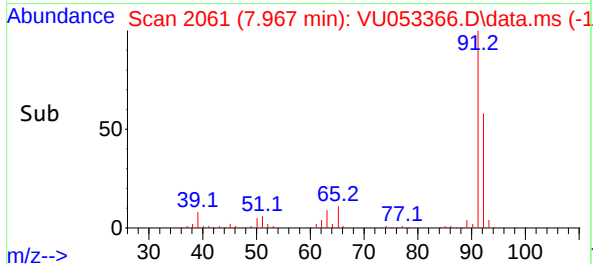
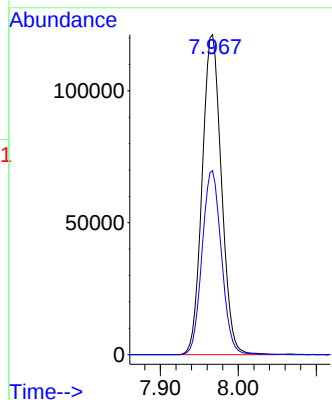
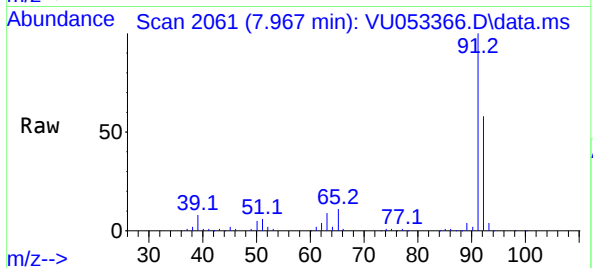
VSTD050173

Tgt Ion: 91 Resp: 208371

Ion Ratio Lower Upper

91 100

92 57.5 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 48.571 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053366.D

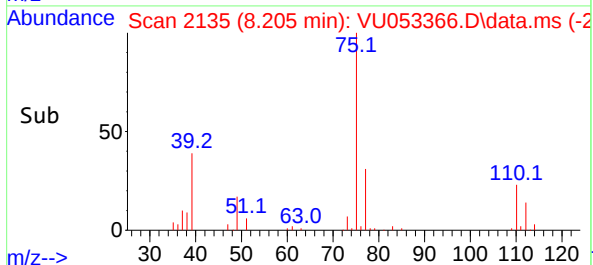
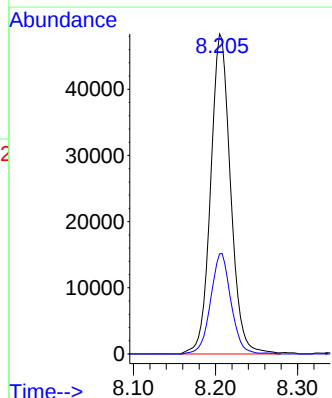
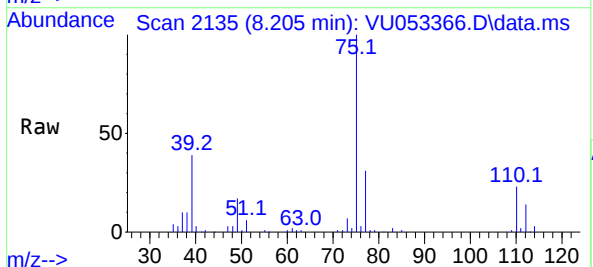
Acq: 23 Mar 2023 09:50

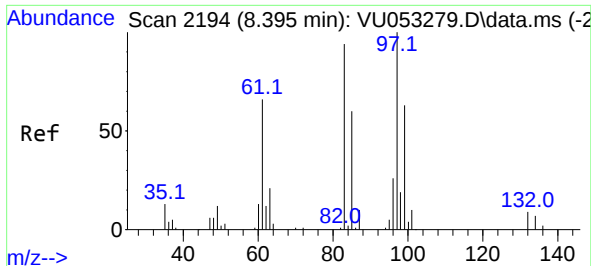
Tgt Ion: 75 Resp: 81843

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



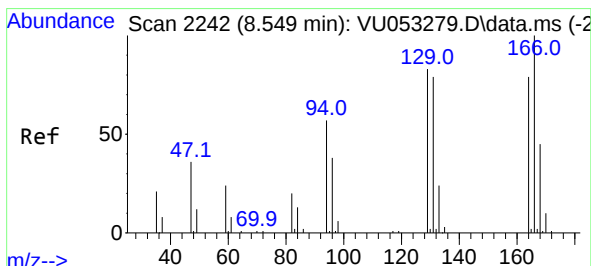
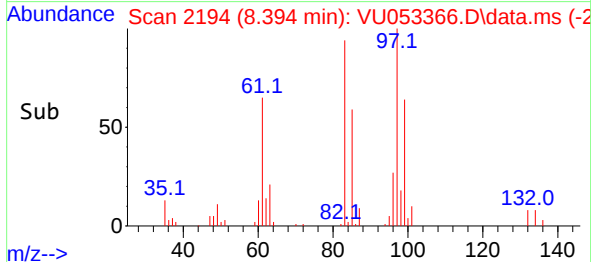
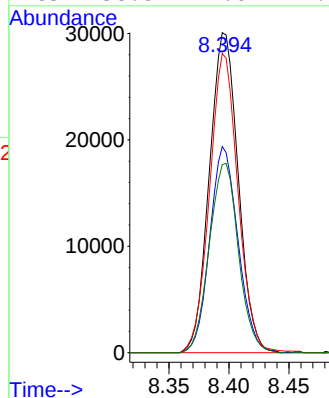
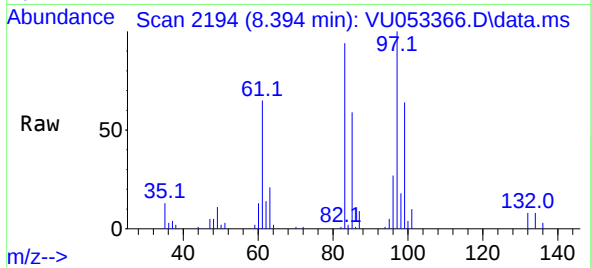


#45
1,1,2-Trichloroethane
Concen: 49.252 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Tgt Ion: 97 Resp: 50318

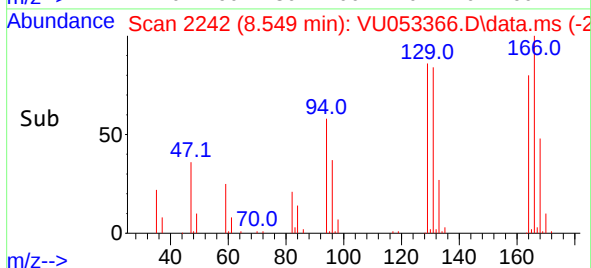
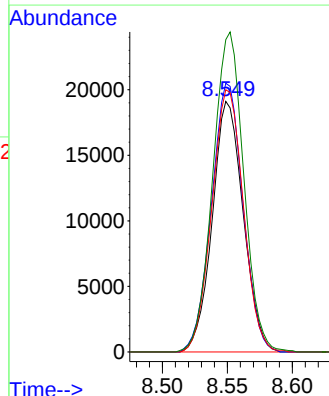
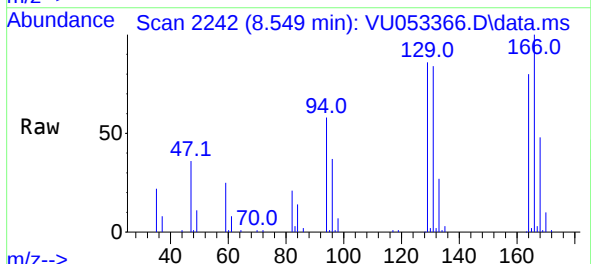
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.4	82.4
83	93.5	63.8	118.6
85	58.8	41.6	77.2

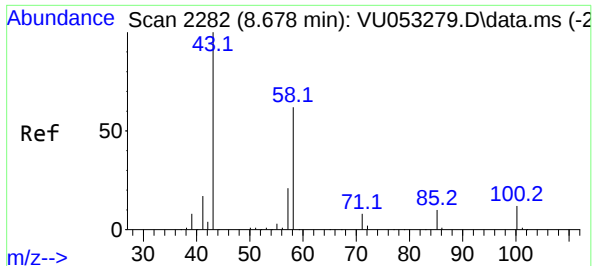


#46
Tetrachloroethene
Concen: 46.392 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 164 Resp: 31649

Ion	Ratio	Lower	Upper
164	100		
129	107.2	73.6	136.8
131	104.6	70.3	130.7
166	124.7	88.9	165.1

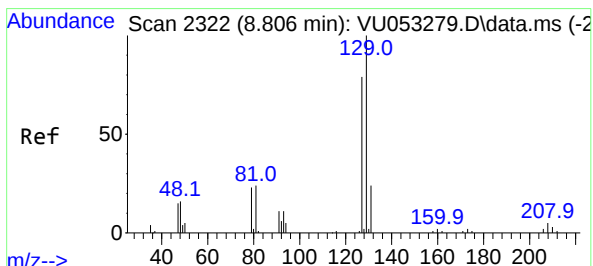
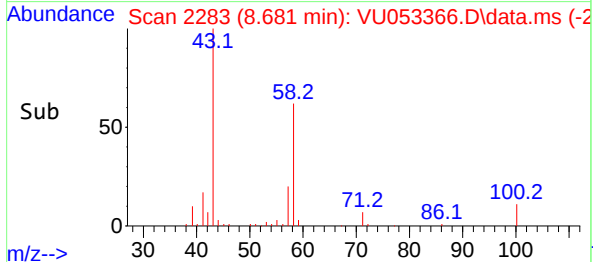
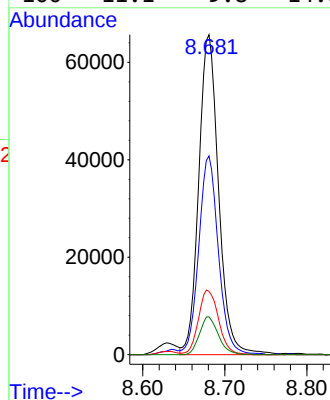
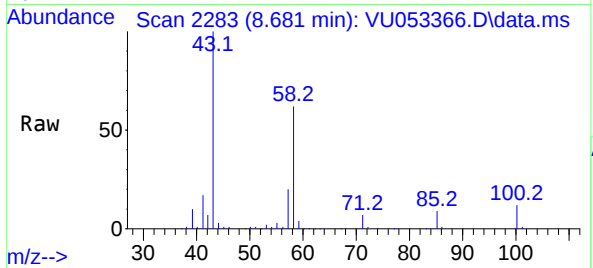




#48
2-Hexanone
Concen: 114.651 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

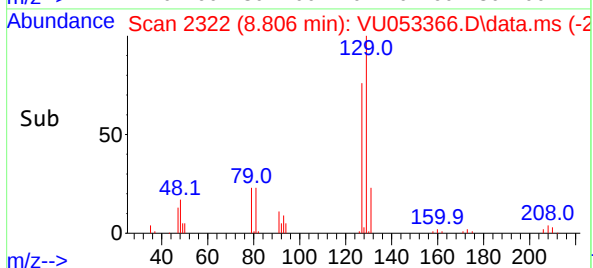
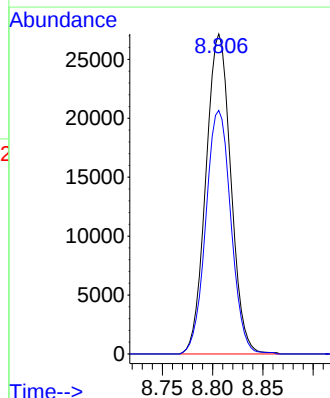
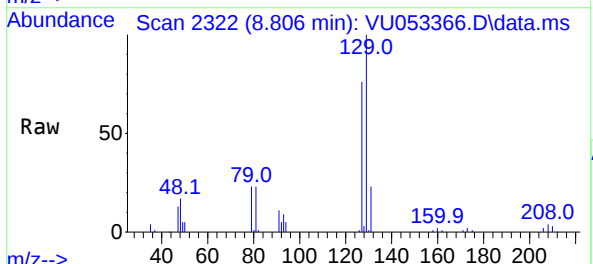
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

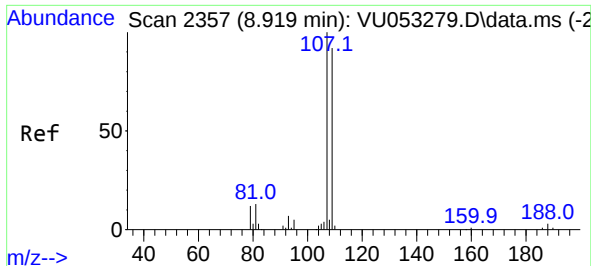
Tgt Ion: 43 Resp: 110719
Ion Ratio Lower Upper
43 100
58 61.4 49.4 74.0
57 20.4 16.9 25.3
100 11.1 9.8 14.8



#49
Dibromochloromethane
Concen: 44.922 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 129 Resp: 46947
Ion Ratio Lower Upper
129 100
127 76.1 53.1 98.5

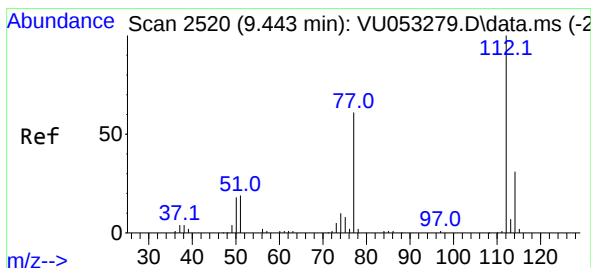
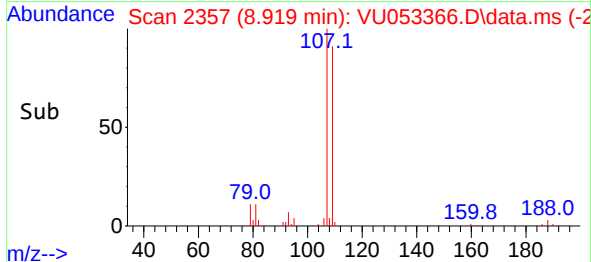
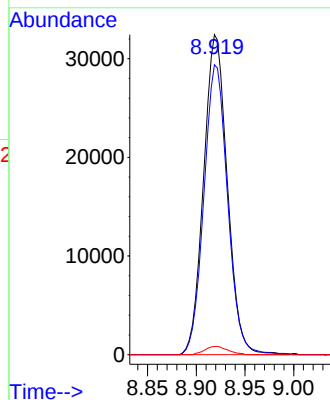
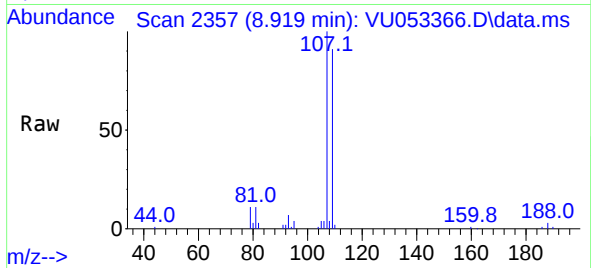




#50
1,2-Dibromoethane
Concen: 50.353 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

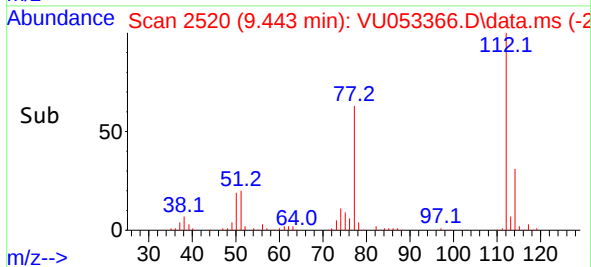
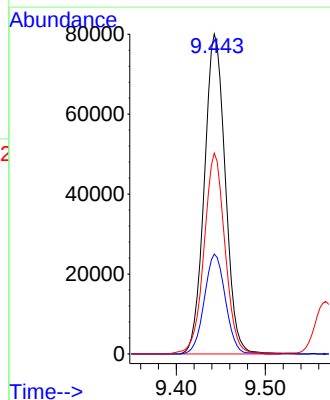
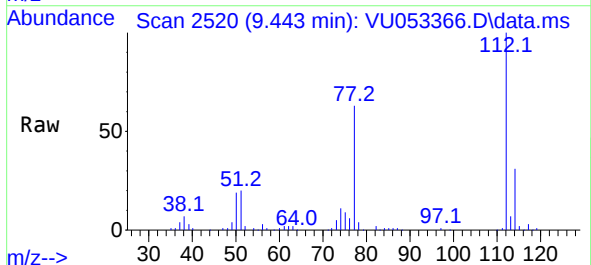
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

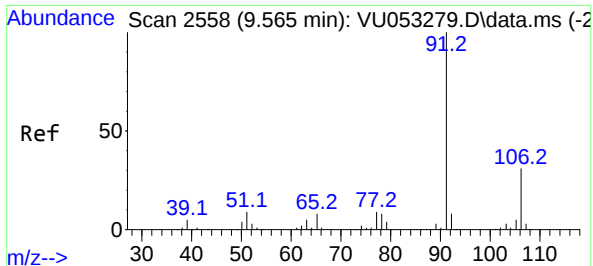
Tgt Ion:107 Resp: 54814
Ion Ratio Lower Upper
107 100
109 90.6 64.6 120.0
188 2.6 2.2 3.4



#51
Chlorobenzene
Concen: 48.473 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:112 Resp: 130615
Ion Ratio Lower Upper
112 100
114 31.2 21.8 40.6
77 62.8 48.8 73.2

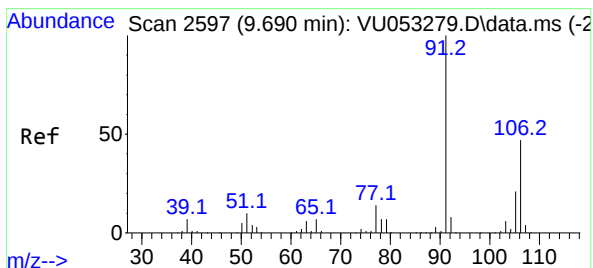
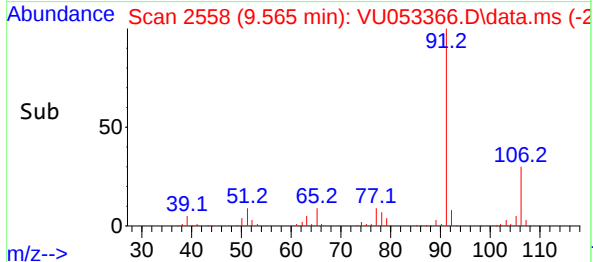
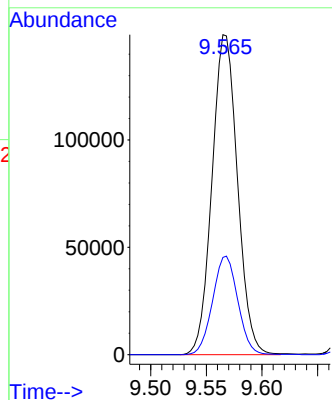
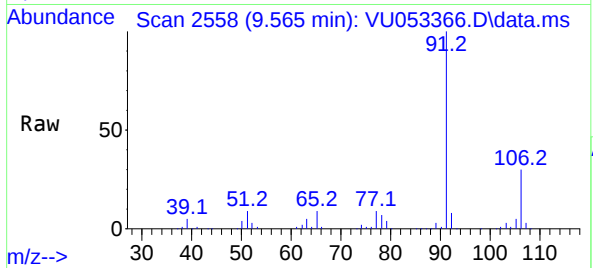




#52
Ethylbenzene
Concen: 48.322 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

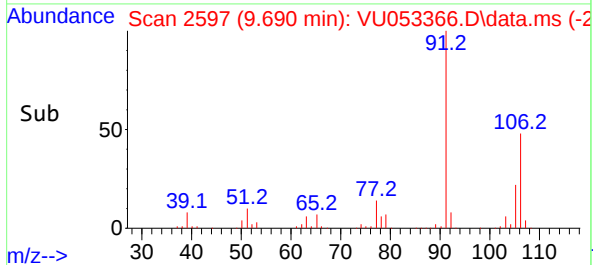
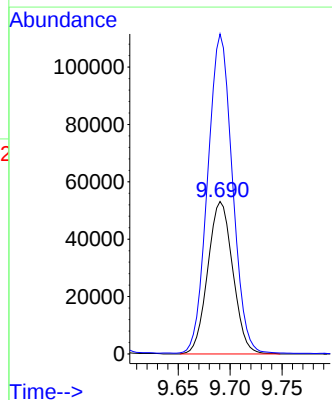
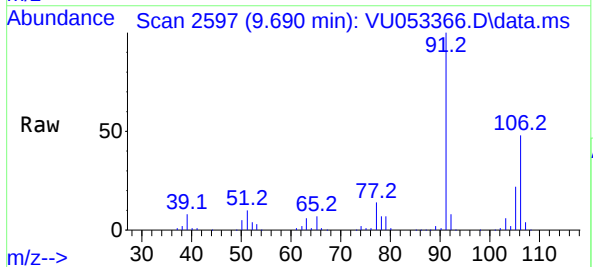
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

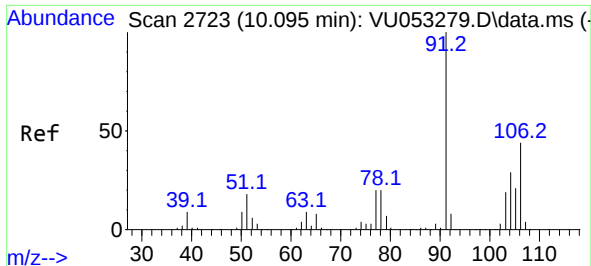
Tgt Ion: 91 Resp: 236918
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0



#53
m,p-Xylene
Concen: 48.679 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion: 106 Resp: 89079
Ion Ratio Lower Upper
106 100
91 209.8 145.3 269.8

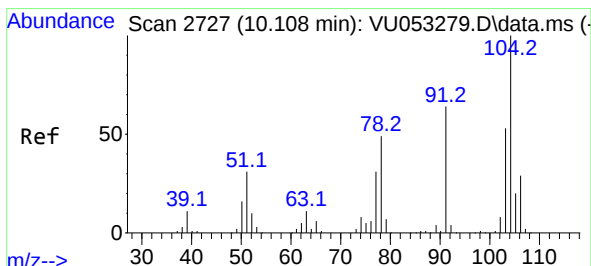
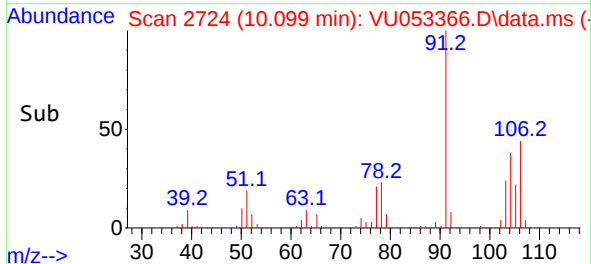
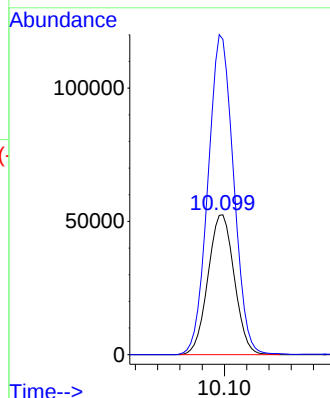
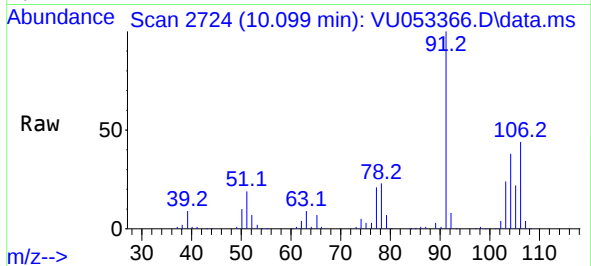




#54
o-Xylene
Concen: 47.596 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

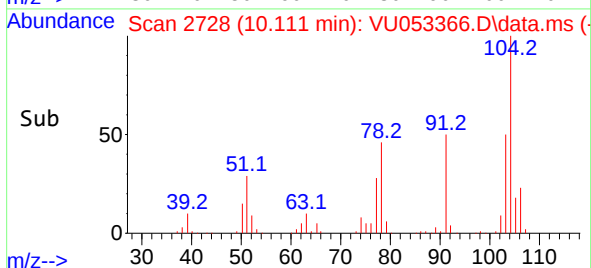
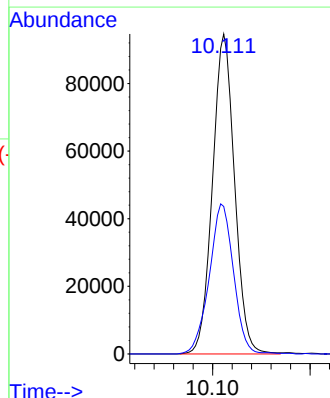
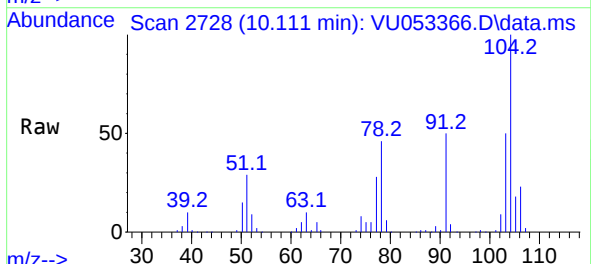
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

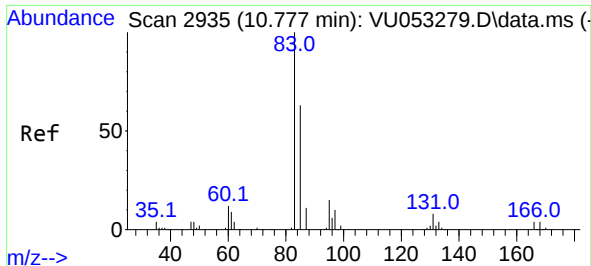
Tgt Ion:106 Resp: 86144
Ion Ratio Lower Upper
106 100
91 225.4 154.9 287.7



#55
Styrene
Concen: 49.319 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:104 Resp: 148768
Ion Ratio Lower Upper
104 100
78 46.1 32.9 61.1

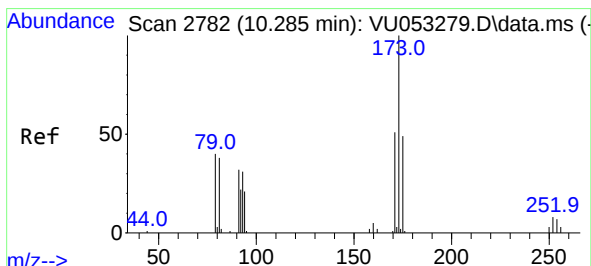
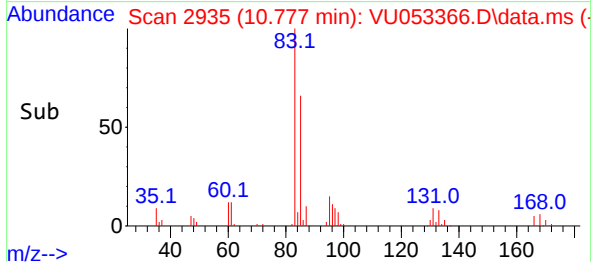
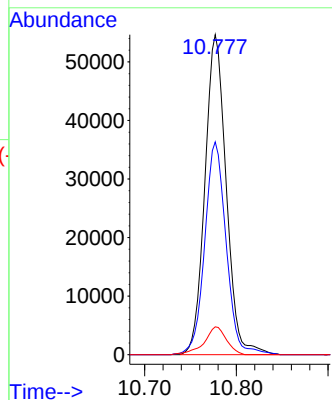
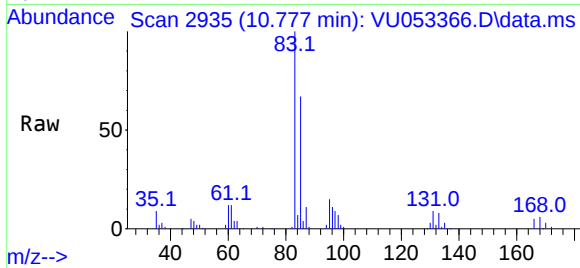




#57
1,1,2,2-Tetrachloroethane
Concen: 52.722 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

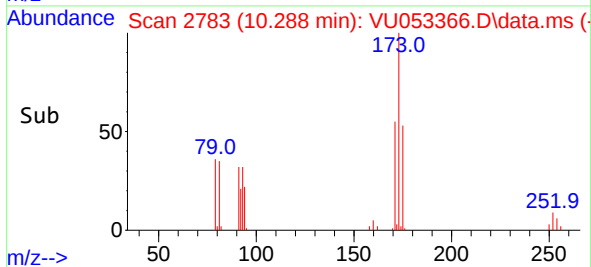
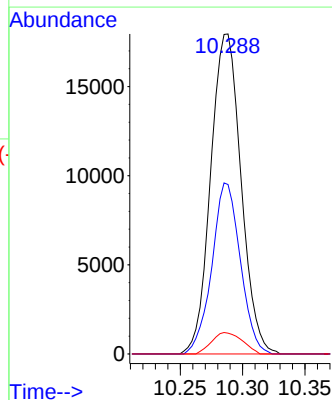
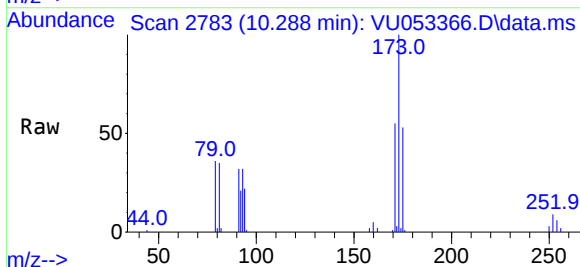
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

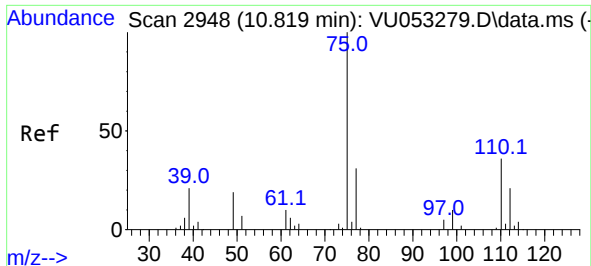
Tgt Ion: 83 Resp: 88310
Ion Ratio Lower Upper
83 100
85 66.5 46.0 85.4
131 8.7 6.6 10.0



#59
Bromoform
Concen: 46.062 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:173 Resp: 30446
Ion Ratio Lower Upper
173 100
175 50.0 38.5 57.7
254 6.7 6.5 9.7

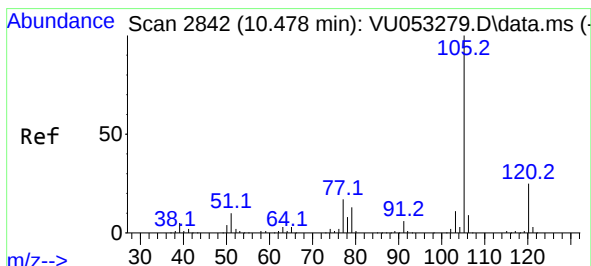
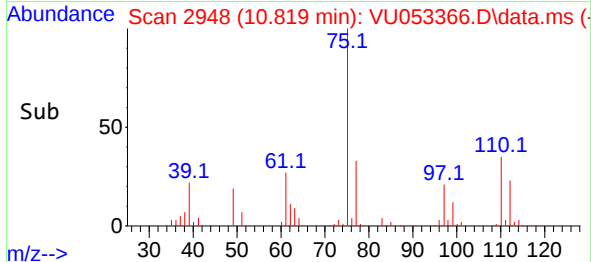
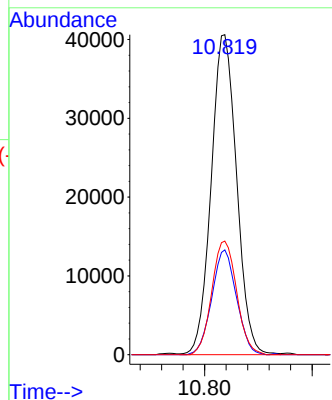
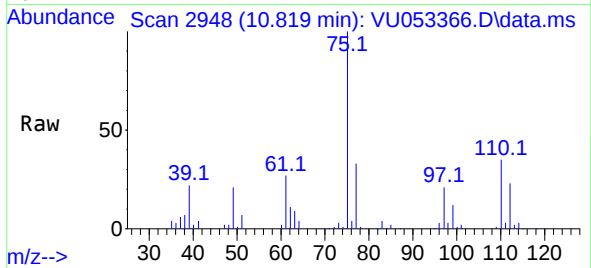




#60
1,2,3-Trichloropropane
Concen: 57.800 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

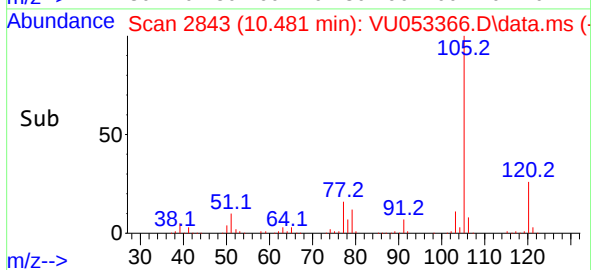
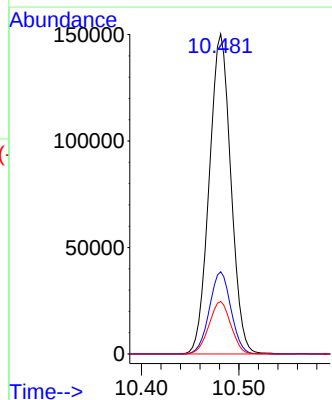
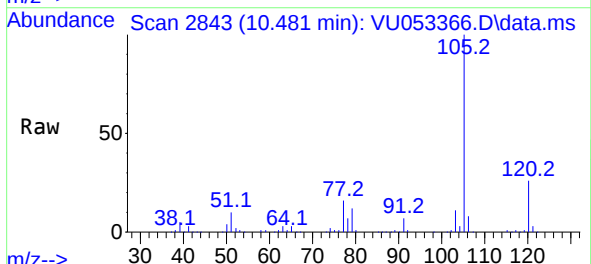
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

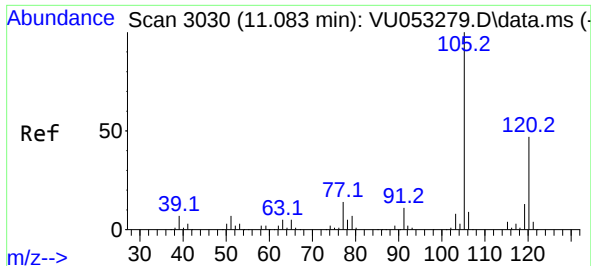
Tgt Ion:	75	Resp:	66711
Ion Ratio	Lower	Upper	
75	100		
77	31.8	26.6	40.0
110	34.7	28.6	42.8



#61
Isopropylbenzene
Concen: 50.541 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:	105	Resp:	231941
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.4	30.6
77	16.6	13.0	19.4

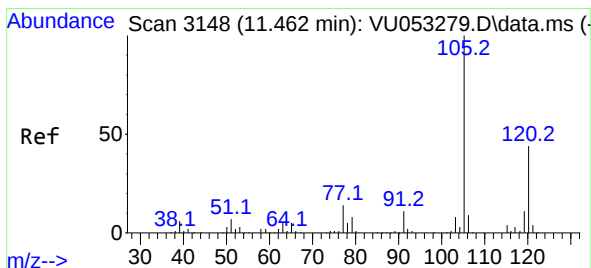
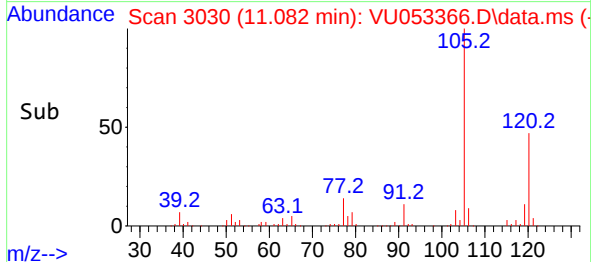
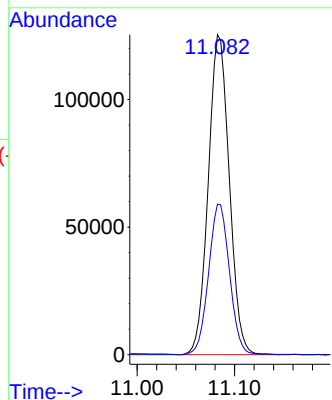
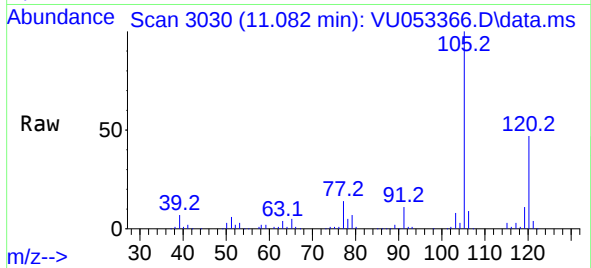




#62
1,3,5-Trimethylbenzene
Concen: 49.490 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

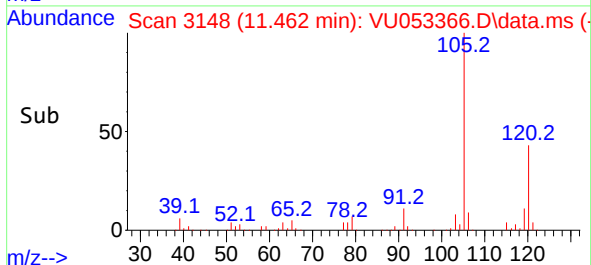
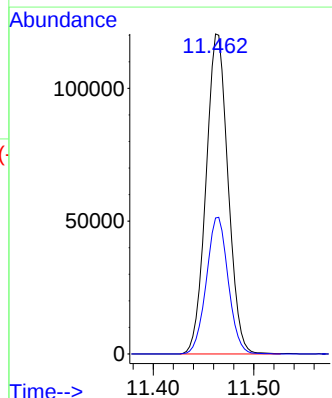
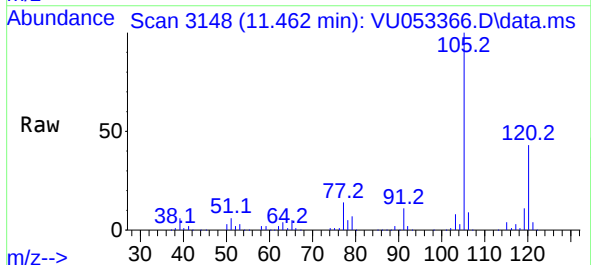
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

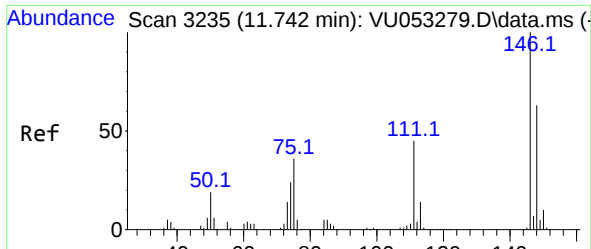
Tgt Ion:105 Resp: 187998
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 49.464 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:105 Resp: 183153
Ion Ratio Lower Upper
105 100
120 42.4 34.6 52.0

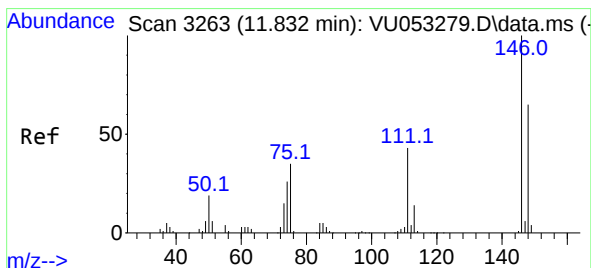
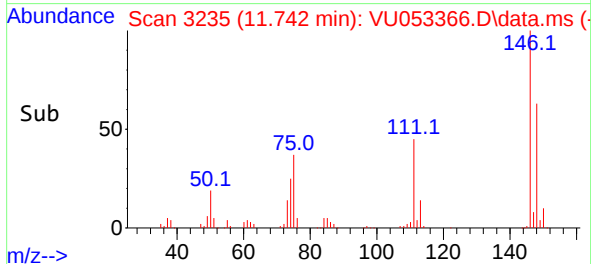
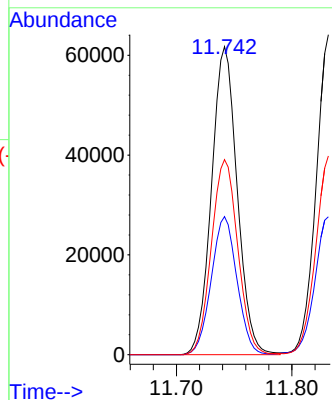
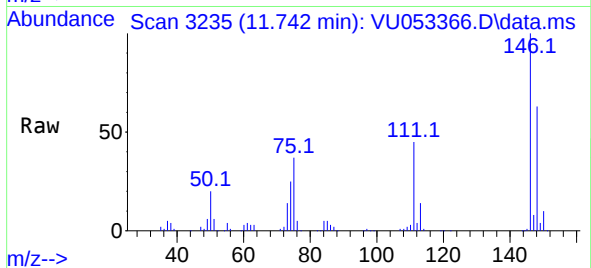




#64
1,3-Dichlorobenzene
Concen: 49.602 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

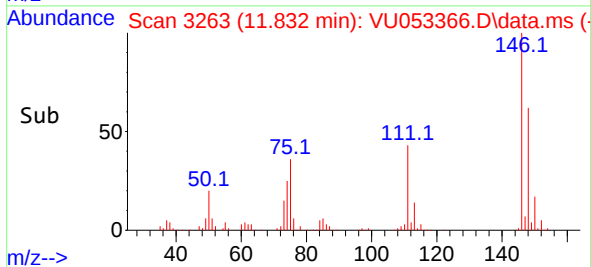
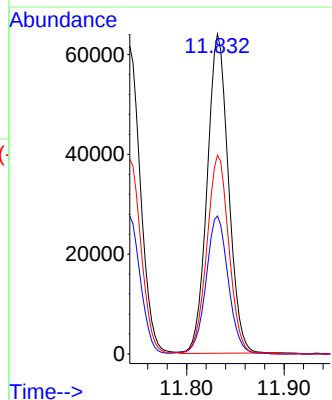
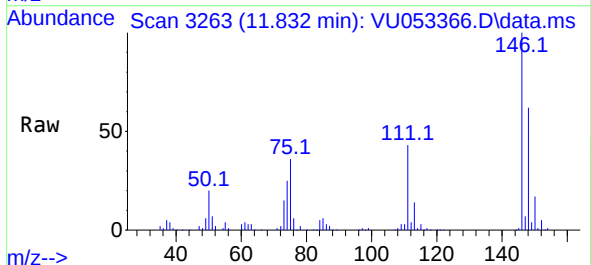
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

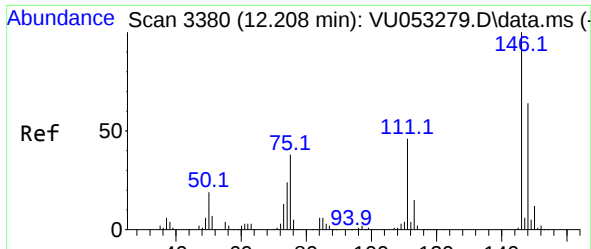
Tgt Ion:146 Resp: 95467
Ion Ratio Lower Upper
146 100
111 44.8 30.2 56.0
148 63.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.221 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:146 Resp: 97036
Ion Ratio Lower Upper
146 100
111 43.1 30.7 57.1
148 62.1 45.6 84.8

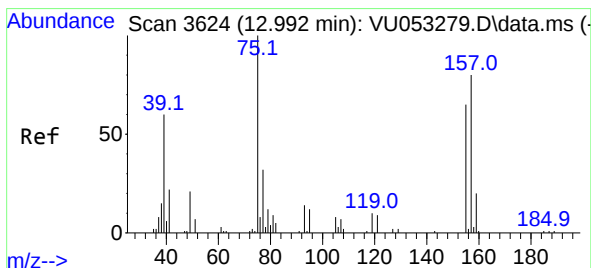
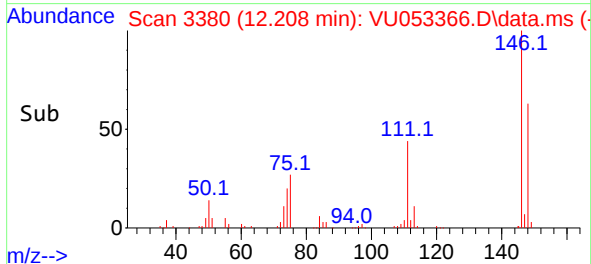
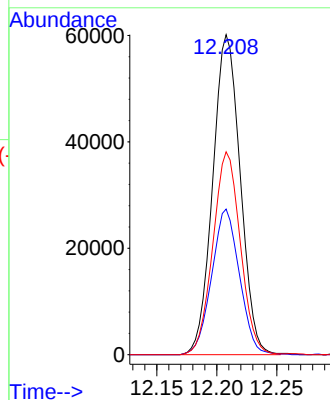
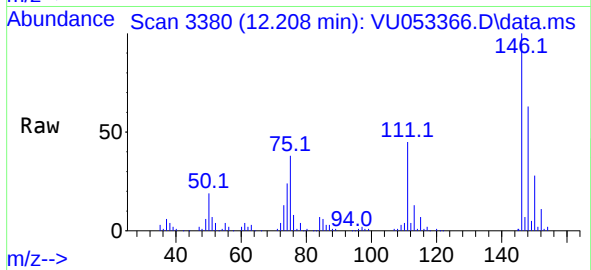




#67
1,2-Dichlorobenzene
Concen: 49.843 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

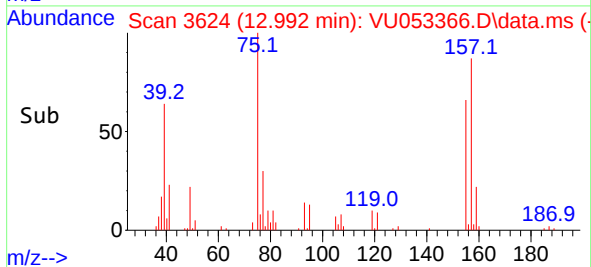
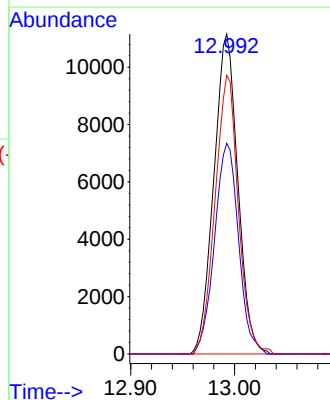
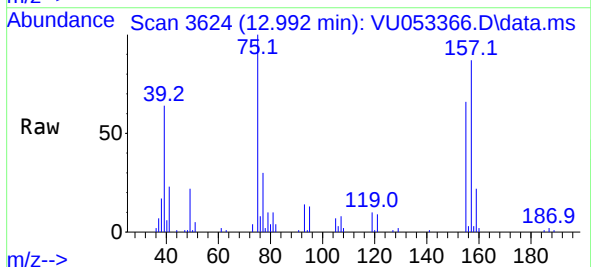
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

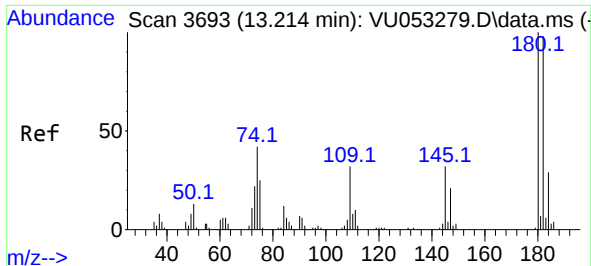
Tgt Ion:146 Resp: 95882
Ion Ratio Lower Upper
146 100
111 45.5 37.0 55.4
148 63.4 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 56.010 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

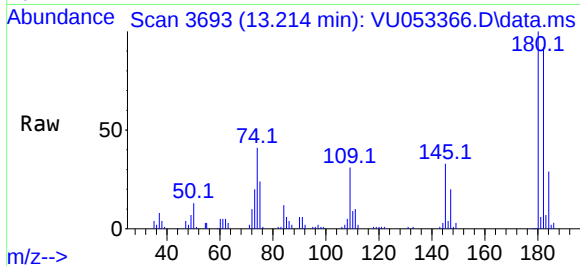
Tgt Ion: 75 Resp: 17876
Ion Ratio Lower Upper
75 100
155 65.8 60.2 90.4
157 87.0 73.0 109.4



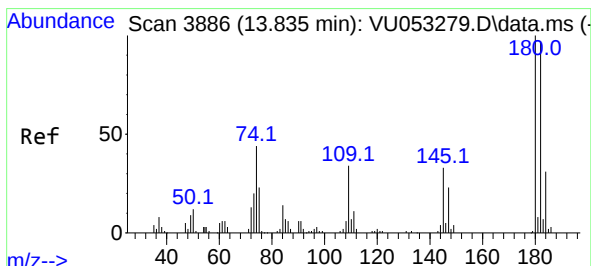
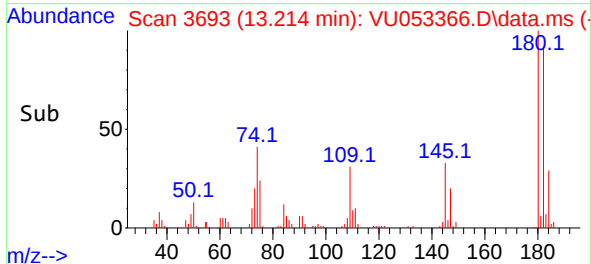
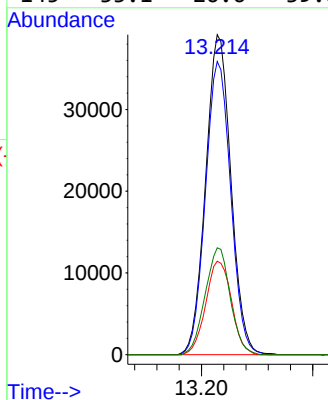


#69
1,3,5-Trichlorobenzene
Concen: 50.618 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

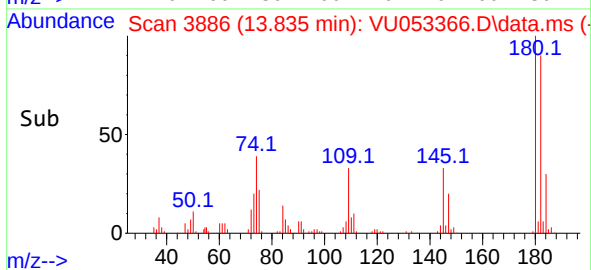
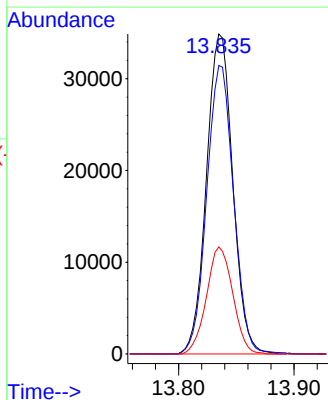
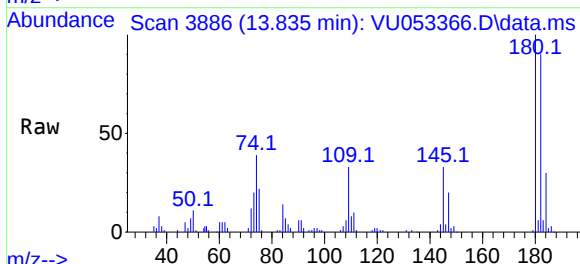


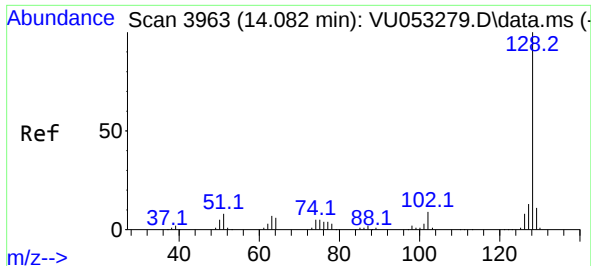
Tgt Ion:180 Resp: 61767
Ion Ratio Lower Upper
180 100
182 91.3 74.5 111.7
184 29.7 23.2 34.8
145 33.1 26.6 39.8



#70
1,2,4-trichlorobenzene
Concen: 50.370 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:180 Resp: 55228
Ion Ratio Lower Upper
180 100
182 91.9 75.8 113.8
145 33.4 27.2 40.8



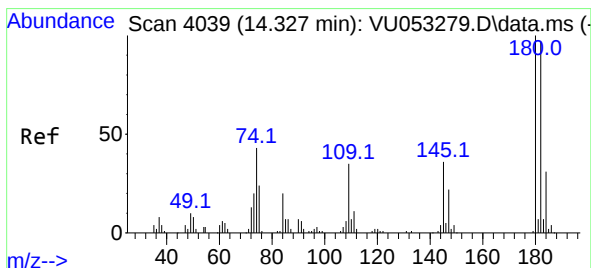
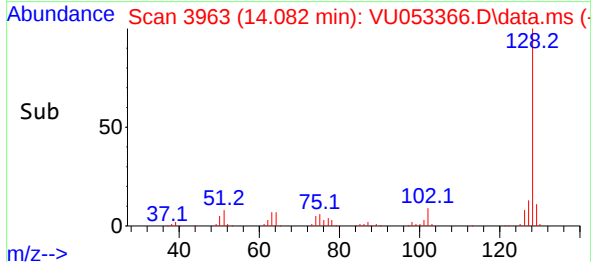
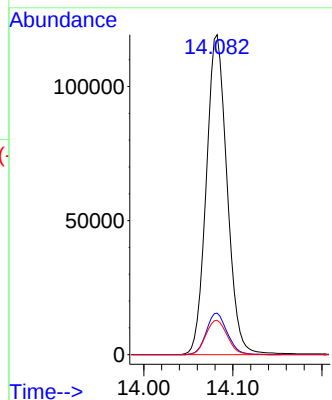
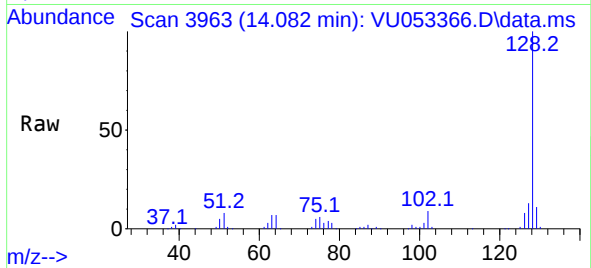


#71
Naphthalene
Concen: 52.309 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Tgt Ion:128 Resp: 193310

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.348 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053366.D
Acq: 23 Mar 2023 09:50

Tgt Ion:180 Resp: 54430

Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.7	115.1
145	34.7	28.6	42.8

