

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048265.D
 Acq On : 25 Apr 2022 13:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050099

Quant Time: Apr 26 02:37:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:28:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	396084	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	220084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	168852	46.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.720%
7) Chloroethane-d5	1.909	69	138514	54.178	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.360%
11) 1,1-Dichloroethene-d2	2.568	63	275422	47.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.380%
21) 2-Butanone-d5	4.623	46	318997	102.686	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.690%
24) Chloroform-d	5.067	84	315188	47.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
26) 1,2-Dichloroethane-d4	5.703	65	191302	48.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
32) Benzene-d6	5.729	84	655657	52.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.260%
36) 1,2-Dichloropropane-d6	6.690	67	214173	51.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.000%
41) Toluene-d8	7.899	98	601722	53.283	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.560%
43) trans-1,3-Dichloroprop...	8.179	79	98321	54.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.200%
47) 2-Hexanone-d5	8.632	63	232327	104.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.550%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	334925	46.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	248872	50.268	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	135339	45.220	ug/L	100
3) Chloromethane	1.523	50	154849	45.203	ug/L	100
5) Vinyl chloride	1.604	62	154633	44.794	ug/L	99
6) Bromomethane	1.851	94	88911	56.042	ug/L	99
8) Chloroethane	1.932	64	97237	49.816	ug/L	99
9) Trichlorofluoromethane	2.138	101	204748	45.512	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	137448	46.066	ug/L	99
12) 1,1-Dichloroethene	2.581	96	120776	46.372	ug/L	97
13) Acetone	2.629	43	180582	90.548	ug/L	99
14) Carbon disulfide	2.797	76	287755	45.333	ug/L	99
15) Methyl Acetate	2.948	43	195659	49.423	ug/L	98
16) Methylene chloride	3.047	84	157824	47.002	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	129112	47.719	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	449499	50.352	ug/L	100
19) 1,1-Dichloroethane	3.871	63	268069	47.380	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	158349	48.553	ug/L	97
22) 2-Butanone	4.703	43	286275	97.073	ug/L	99
23) Bromochloromethane	4.977	128	88314	48.502	ug/L	97
25) Chloroform	5.089	83	276334	47.829	ug/L	100

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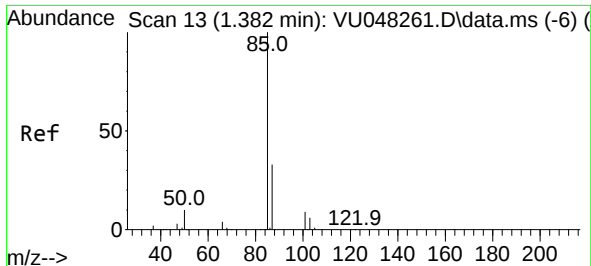
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	200073	47.476	ug/L	100
29) Cyclohexane	5.391	56	196908	52.757	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	222963	49.912	ug/L	100
31) Carbon tetrachloride	5.526	117	190730	50.094	ug/L	100
33) Benzene	5.774	78	598608	51.182	ug/L	100
34) Trichloroethene	6.542	95	143025	49.891	ug/L	99
35) Methylcyclohexane	6.764	83	212395	52.772	ug/L	99
37) 1,2-Dichloropropane	6.793	63	167636	50.377	ug/L	99
38) Bromodichloromethane	7.105	83	207377	49.348	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	243336	52.004	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	511716	101.957	ug/L	99
42) Toluene	7.970	91	635485	51.752	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	238921	52.266	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	171422	49.100	ug/L	99
46) Tetrachloroethene	8.555	164	126075	51.242	ug/L	99
48) 2-Hexanone	8.684	43	422813	100.882	ug/L	99
49) Dibromochloromethane	8.812	129	188819	49.218	ug/L	100
50) 1,2-Dibromoethane	8.925	107	180795	51.066	ug/L	98
51) Chlorobenzene	9.449	112	421436	47.614	ug/L	99
52) Ethylbenzene	9.571	91	656140	51.596	ug/L	100
53) m,p-Xylene	9.693	106	266974	53.200	ug/L	98
54) o-Xylene	10.102	106	262045	51.833	ug/L	99
55) Styrene	10.115	104	441168	51.225	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	308348	44.750	ug/L	100
59) Bromoform	10.291	173	146100	45.742	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	239920	46.729	ug/L	100
61) Isopropylbenzene	10.484	105	658030	53.474	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	354846	54.711	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	555170	55.675	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	344997	50.007	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	337991	47.989	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	353869	48.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	71560	52.210	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	266893	52.062	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	234320	57.857	ug/L	100
71) Naphthalene	14.086	128	802090	69.204	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	250535	60.362	ug/L	100

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

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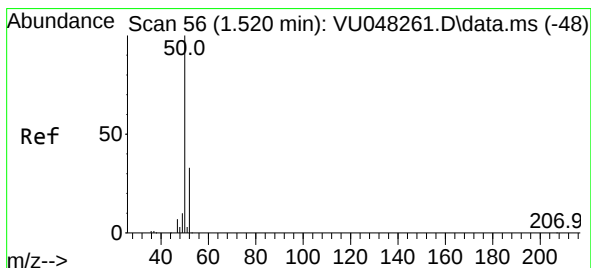
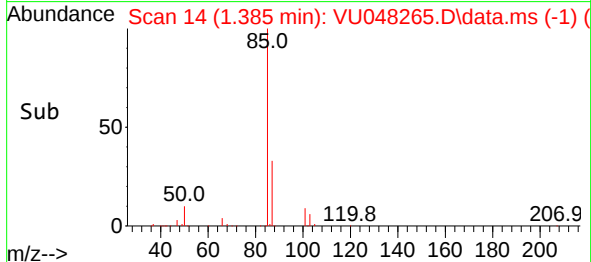
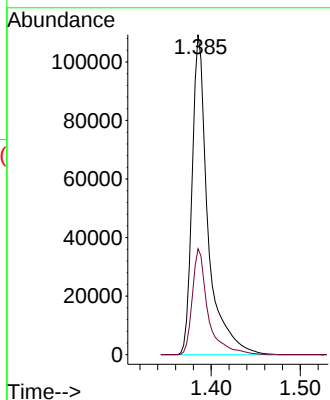
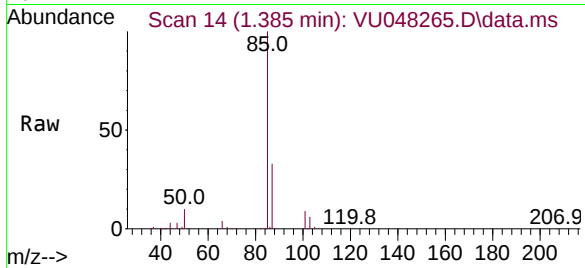




#2
Dichlorodifluoromethane
Concen: 45.220 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

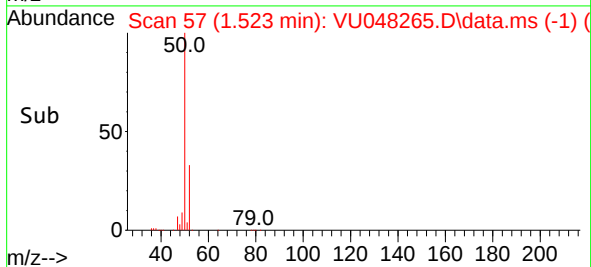
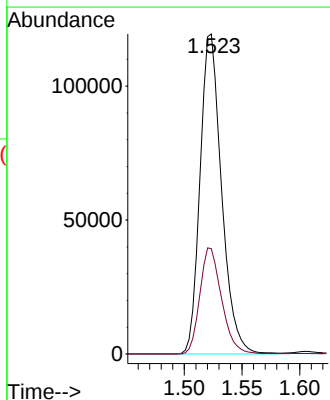
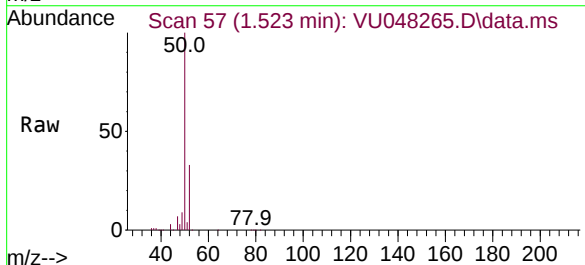
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MSVOA_U
ClientSampleId :
VSTD050099

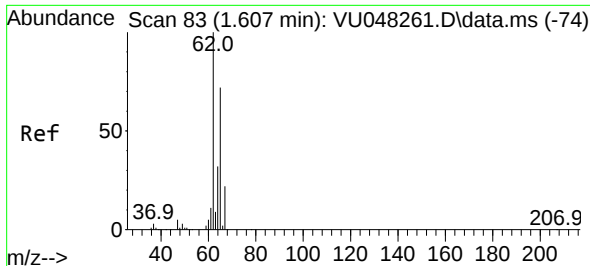
Tgt Ion: 85 Resp: 135339
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 45.203 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 50 Resp: 154849
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

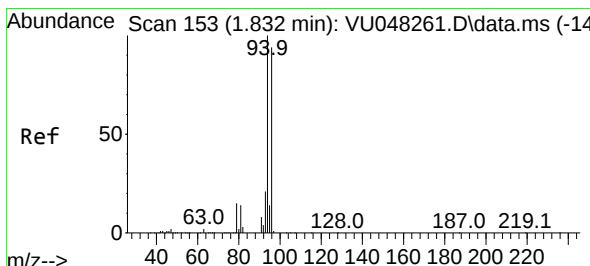
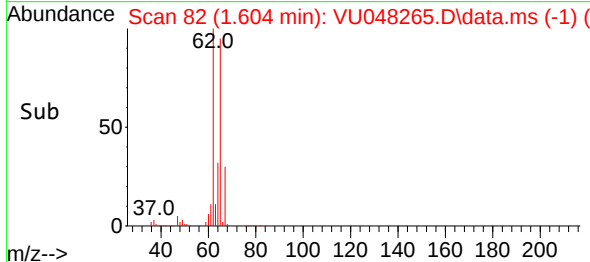
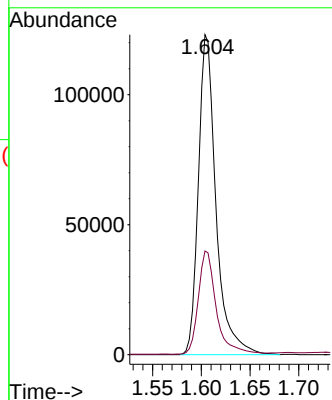
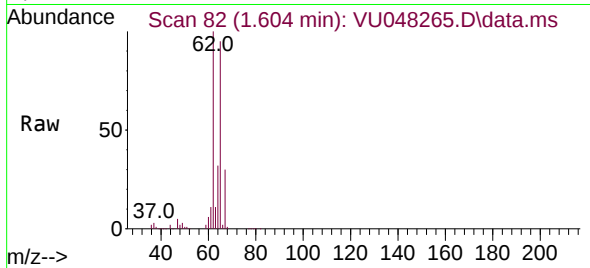




#5
 Vinyl chloride
 Concen: 44.794 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048265.D
 Acq: 25 Apr 2022 13:17

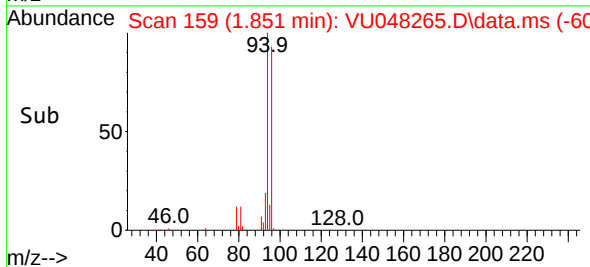
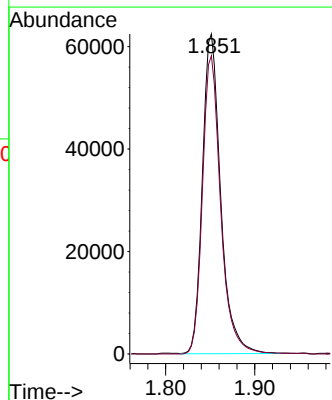
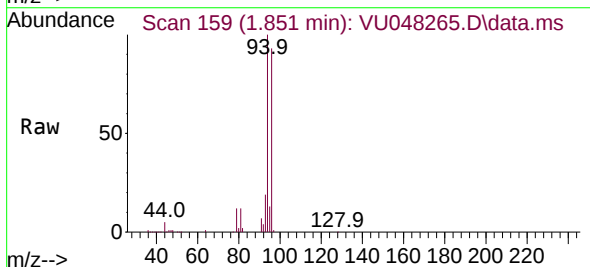
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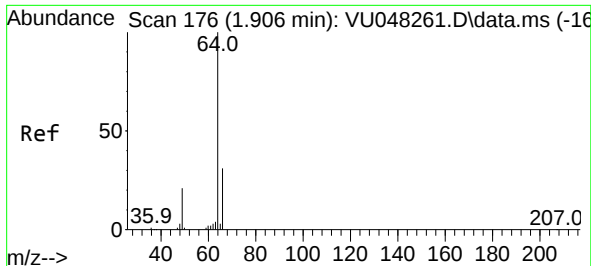
Tgt Ion: 62 Resp: 154633
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.7



#6
 Bromomethane
 Concen: 56.042 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.019 min
 Lab File: VU048265.D
 Acq: 25 Apr 2022 13:17

Tgt Ion: 94 Resp: 88911
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.8 122.2

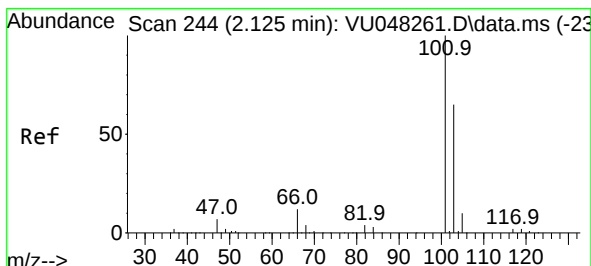
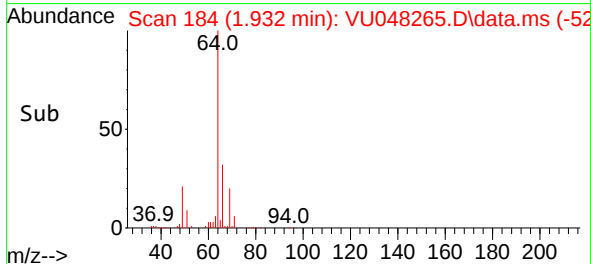
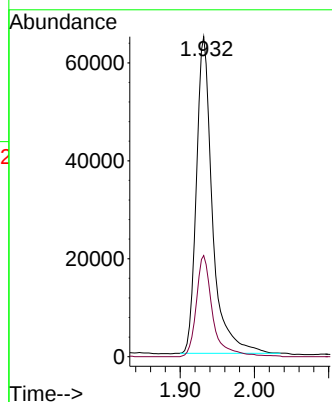
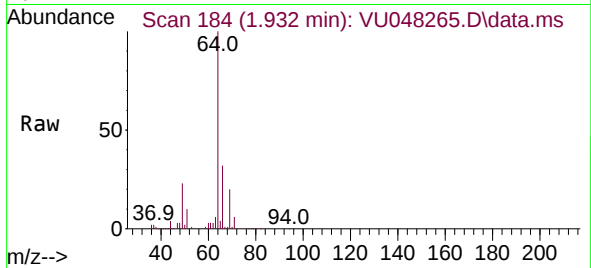




#8
Chloroethane
Concen: 49.816 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.026 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

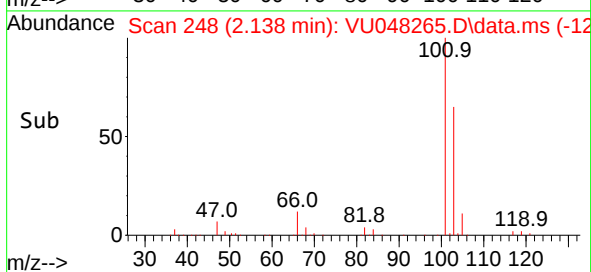
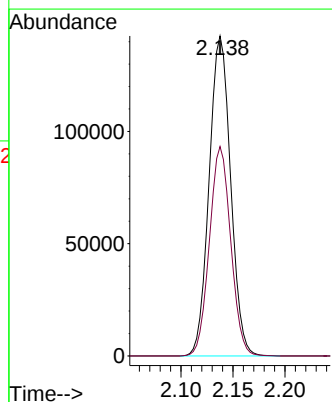
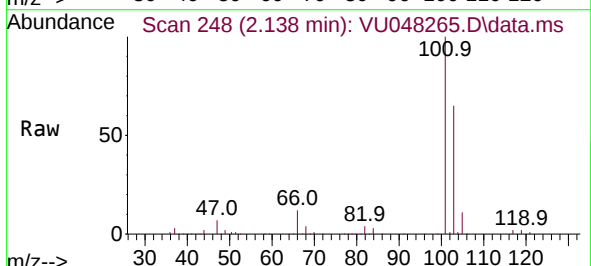
Instrument :
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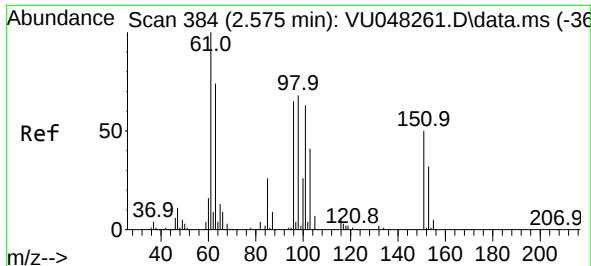
Tgt Ion: 64 Resp: 97237
Ion Ratio Lower Upper
64 100
66 31.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 45.512 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.013 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 101 Resp: 204748
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

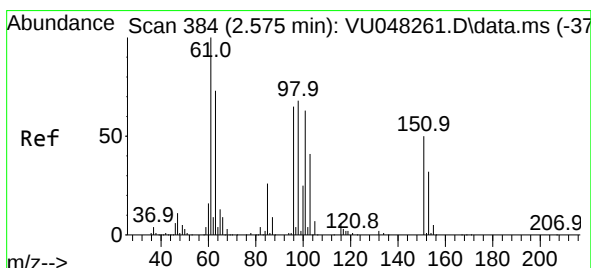
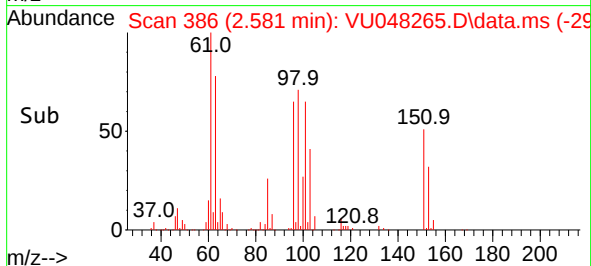
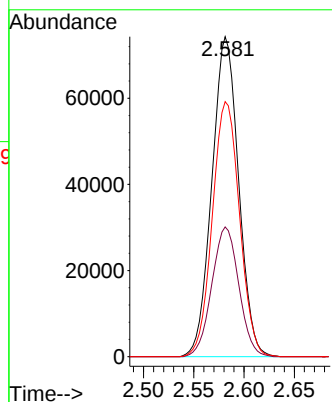
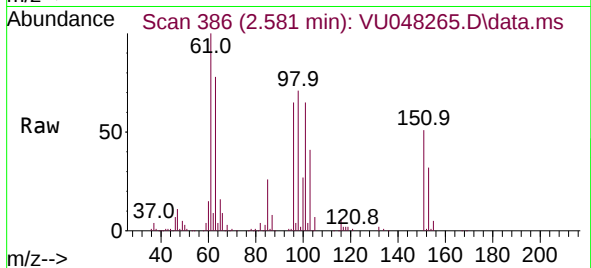




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.066 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.007 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

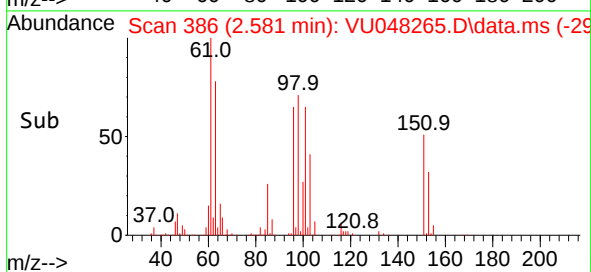
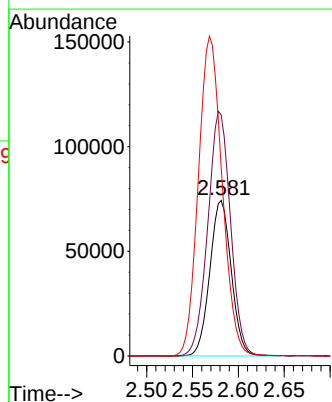
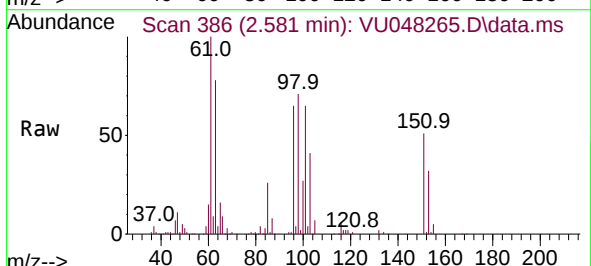
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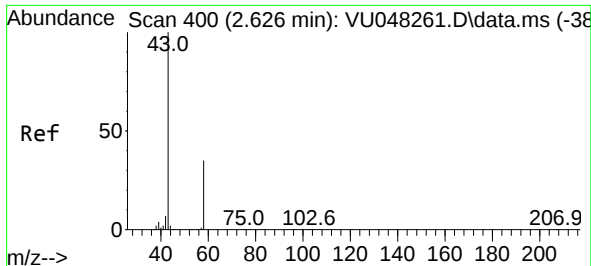
Tgt Ion:101 Resp: 137448
Ion Ratio Lower Upper
101 100
85 40.9 32.6 48.8
151 81.0 64.1 96.1



#12
1,1-Dichloroethene
Concen: 46.372 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.007 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 96 Resp: 120776
Ion Ratio Lower Upper
96 100
61 155.0 107.9 200.3
63 121.6 80.3 149.1





#13

Acetone

Concen: 90.548 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

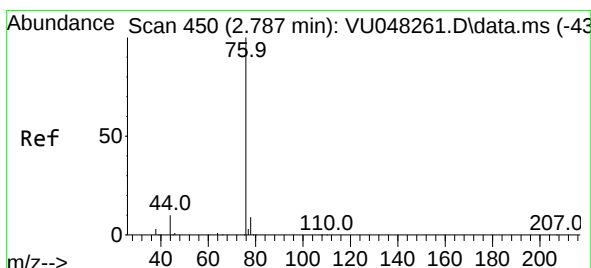
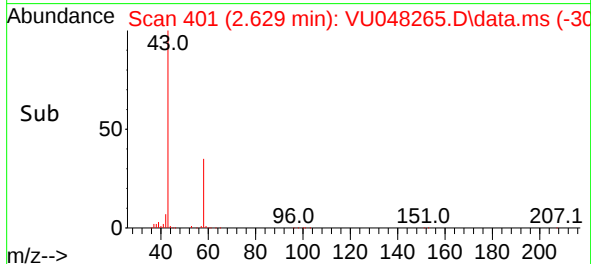
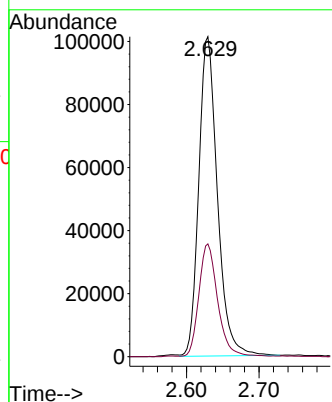
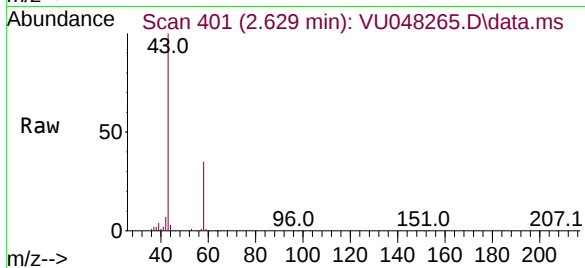
VSTD050099

Tgt Ion: 43 Resp: 180582

Ion Ratio Lower Upper

43 100

58 35.3 0.0 71.2



#14

Carbon disulfide

Concen: 45.333 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.010 min

Lab File: VU048265.D

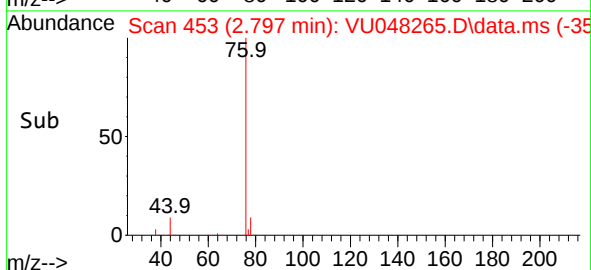
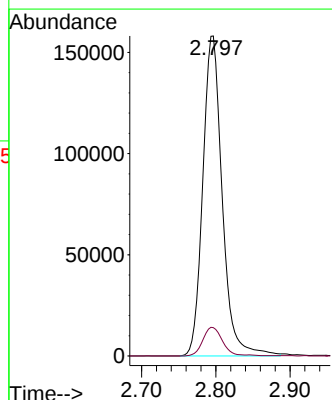
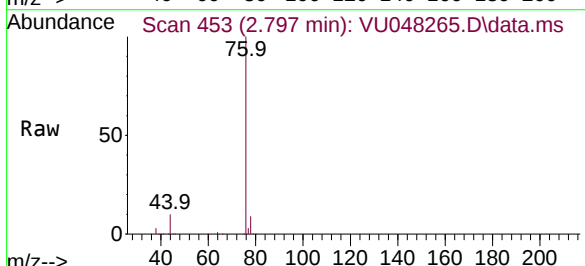
Acq: 25 Apr 2022 13:17

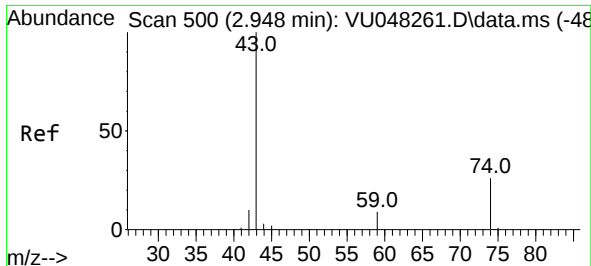
Tgt Ion: 76 Resp: 287755

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

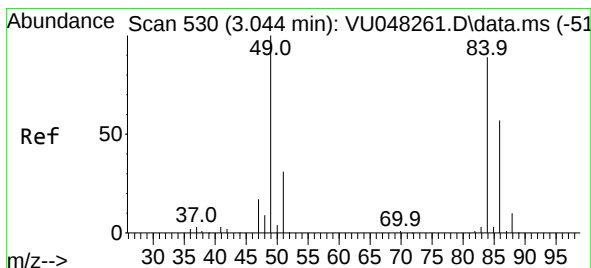
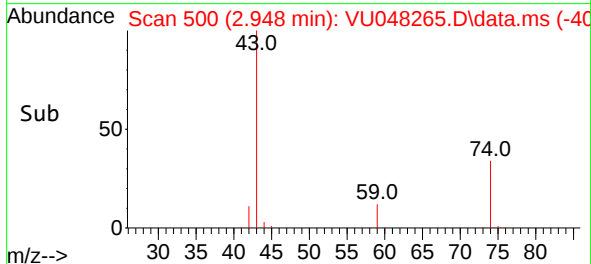
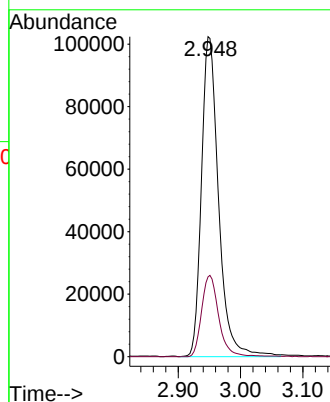
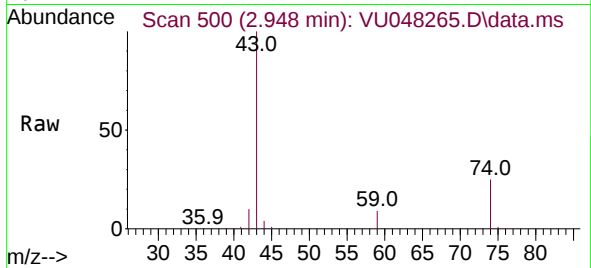




#15
Methyl Acetate
Concen: 49.423 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

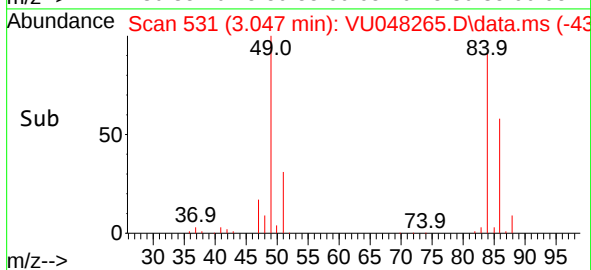
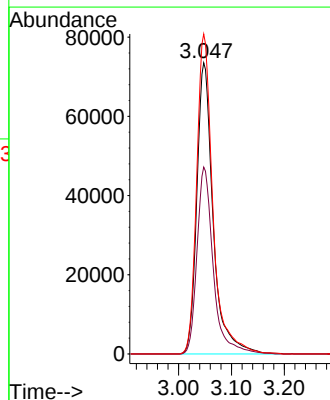
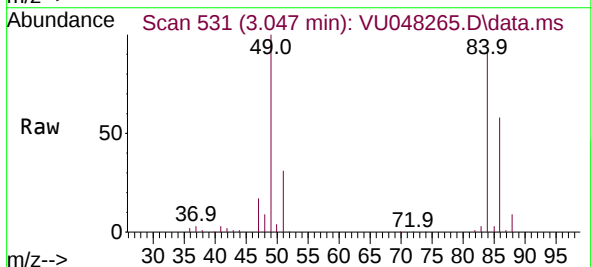
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

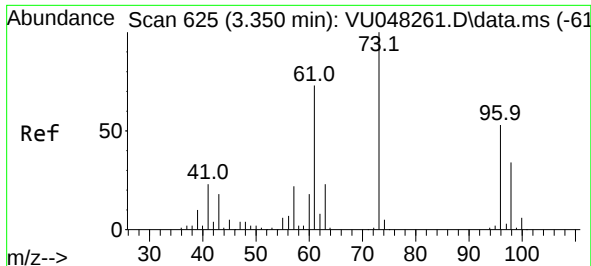
Tgt Ion: 43 Resp: 195659
Ion Ratio Lower Upper
43 100
74 25.1 21.0 31.6



#16
Methylene chloride
Concen: 47.002 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 84 Resp: 157824
Ion Ratio Lower Upper
84 100
86 64.2 45.4 84.2
49 109.9 79.2 147.0

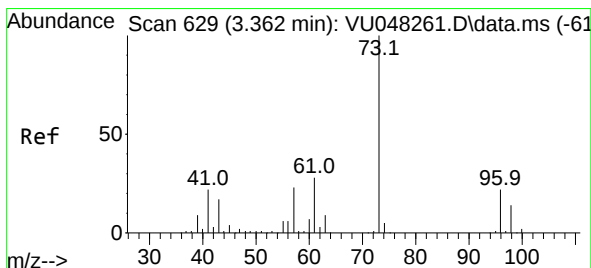
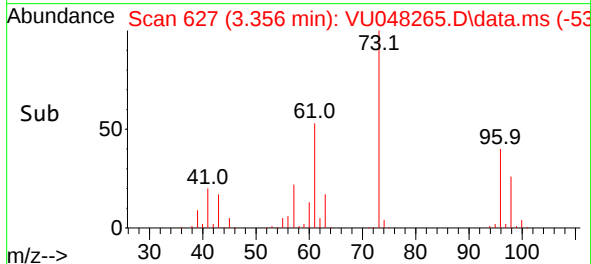
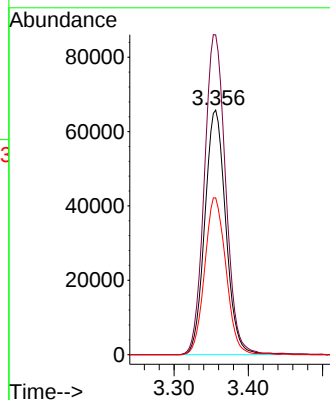
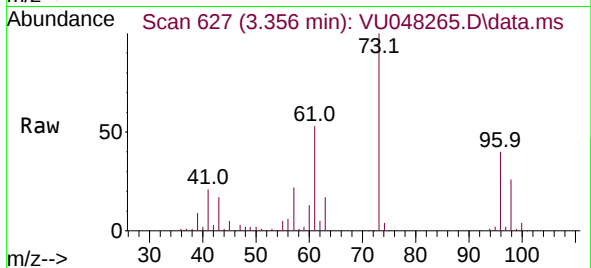




#17
trans-1,2-Dichloroethene
Concen: 47.719 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

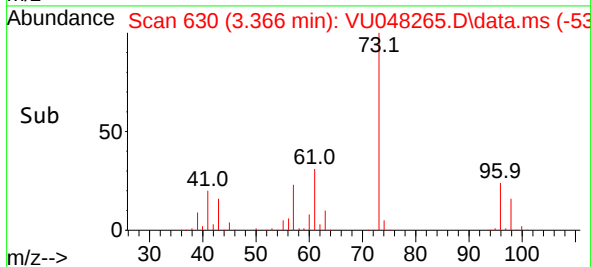
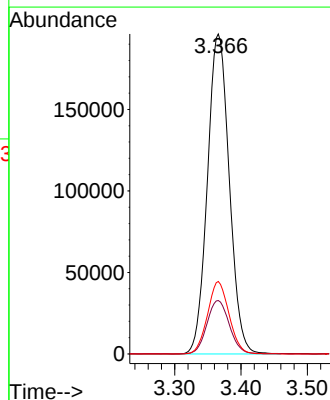
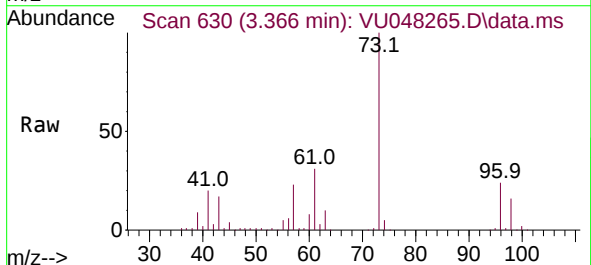
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

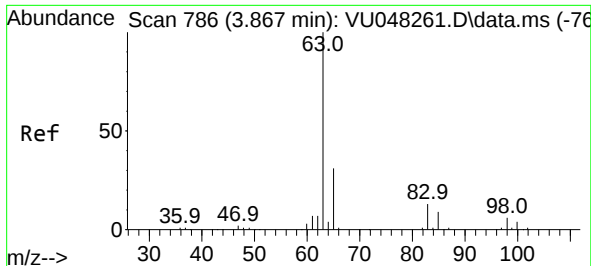
Tgt Ion: 96 Resp: 129112
Ion Ratio Lower Upper
96 100
61 130.7 95.2 176.8
98 64.1 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 50.352 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 73 Resp: 449499
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 22.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 47.380 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD050099

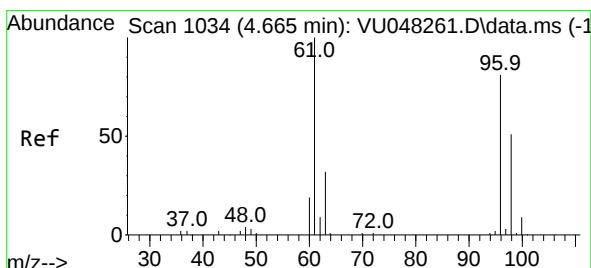
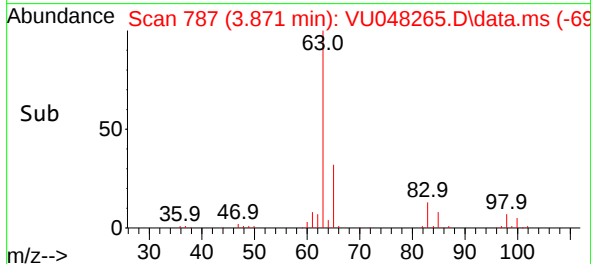
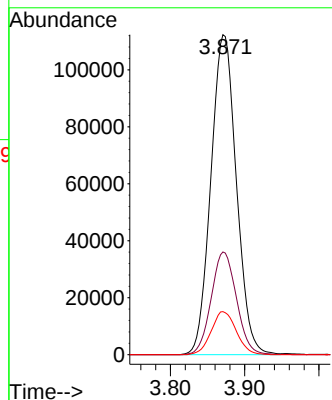
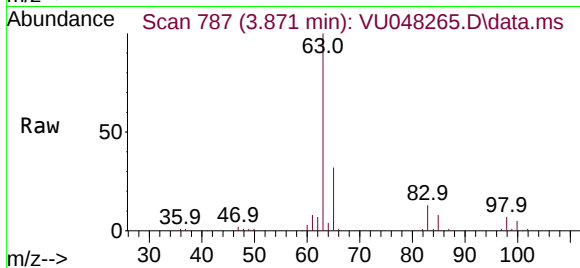
Tgt Ion: 63 Resp: 268069

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.5 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 48.553 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

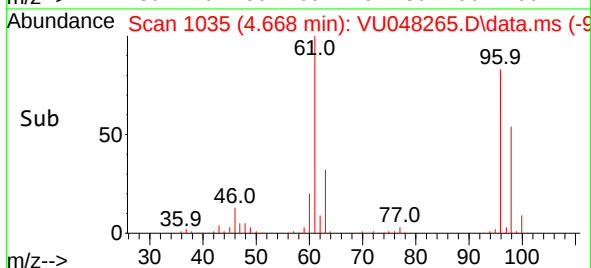
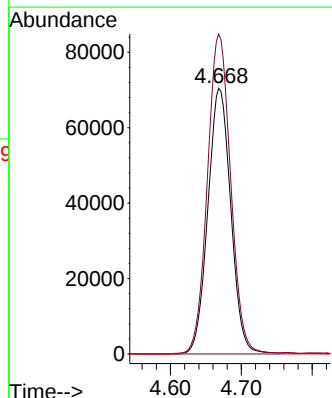
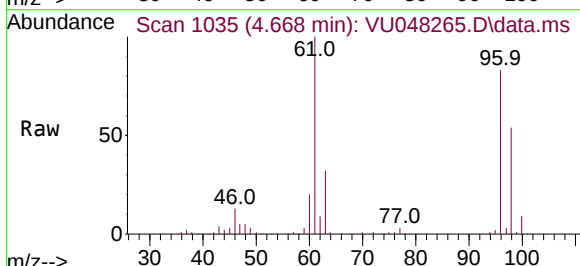
Tgt Ion: 96 Resp: 158349

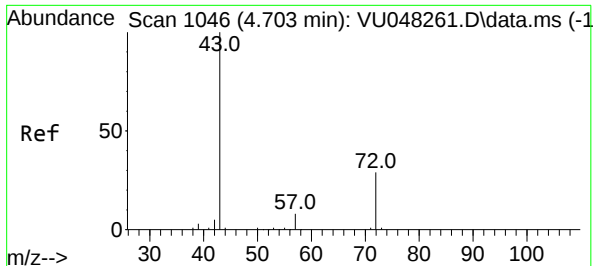
Ion Ratio Lower Upper

96 100

61 120.4 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 97.073 ug/L

RT: 4.703 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

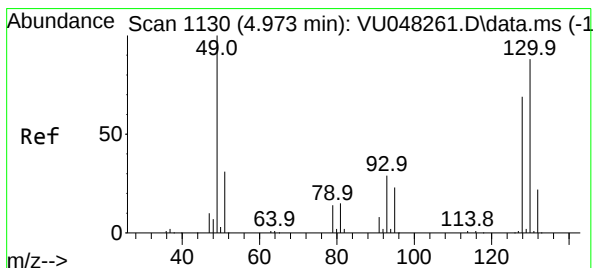
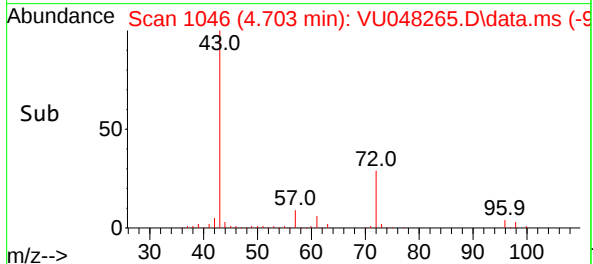
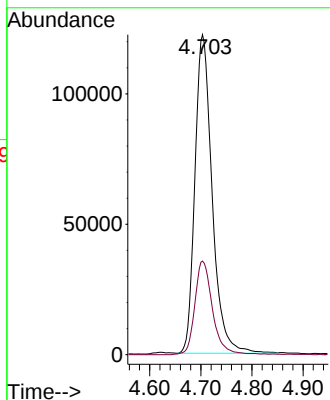
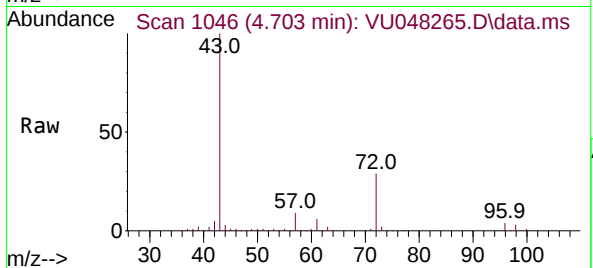
VSTD050099

Tgt Ion: 43 Resp: 286275

Ion Ratio Lower Upper

43 100

72 30.0 14.6 43.8



#23

Bromochloromethane

Concen: 48.502 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Tgt Ion: 128 Resp: 88314

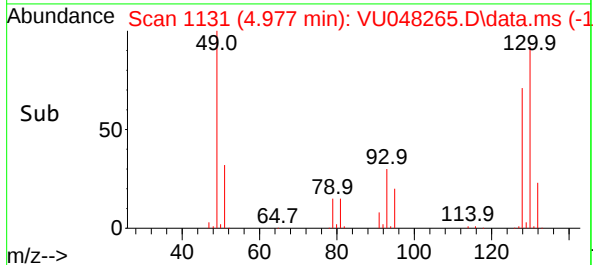
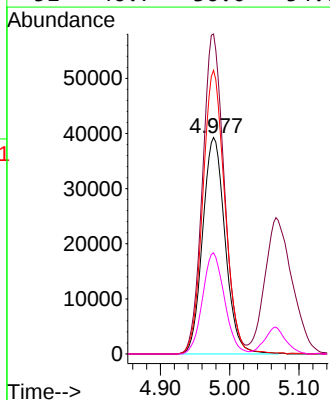
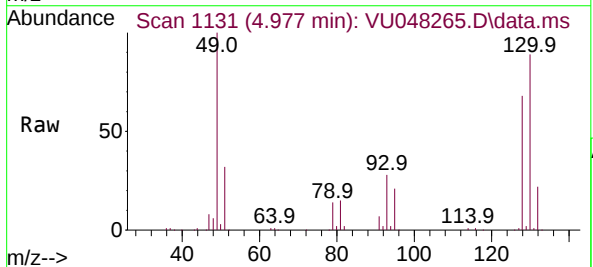
Ion Ratio Lower Upper

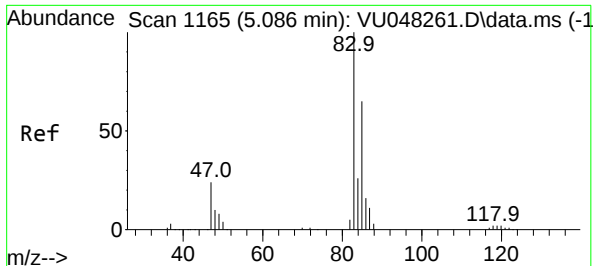
128 100

49 147.8 101.3 188.1

130 131.0 89.0 165.2

51 46.7 36.0 54.0





#25

Chloroform

Concen: 47.829 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

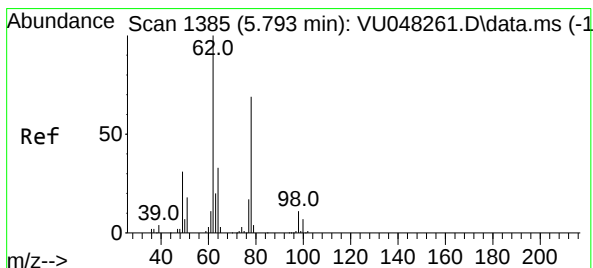
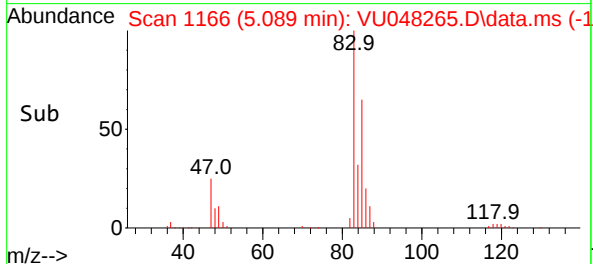
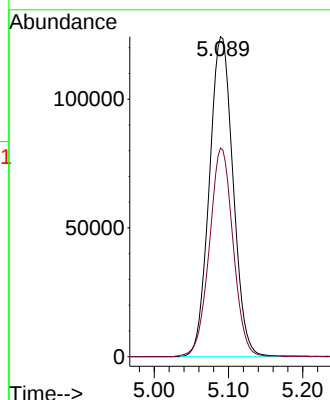
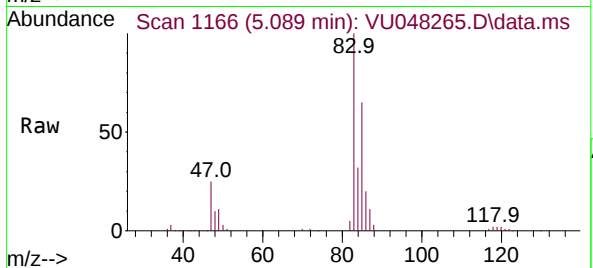
VSTD050099

Tgt Ion: 83 Resp: 276334

Ion Ratio Lower Upper

83 100

85 65.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 47.476 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU048265.D

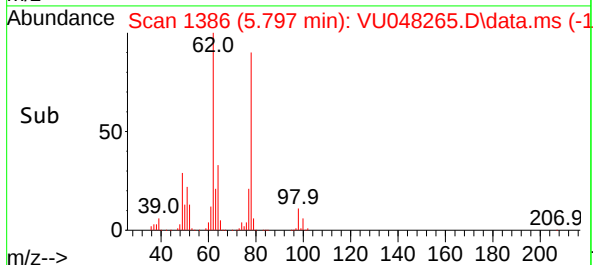
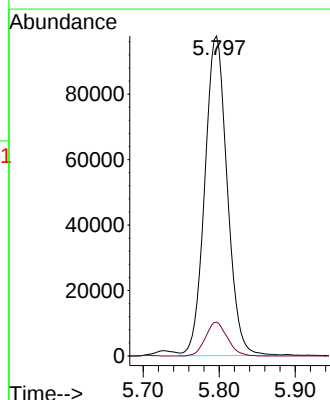
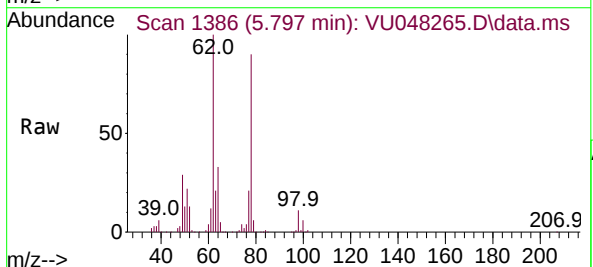
Acq: 25 Apr 2022 13:17

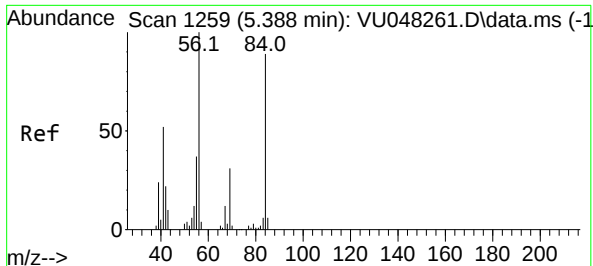
Tgt Ion: 62 Resp: 200073

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

Cyclohexane

Concen: 52.757 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD050099

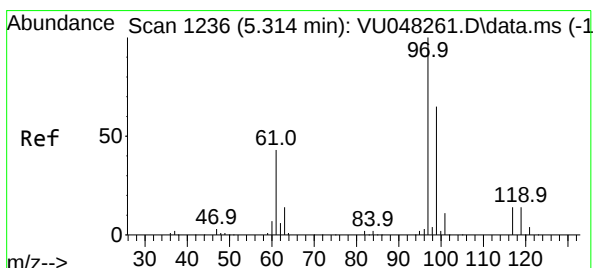
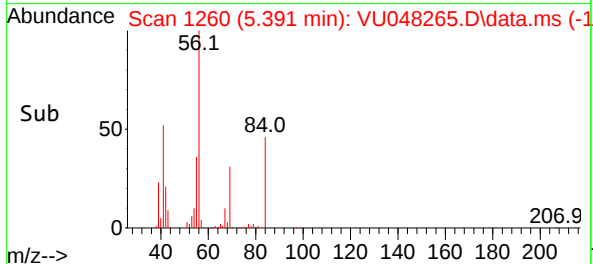
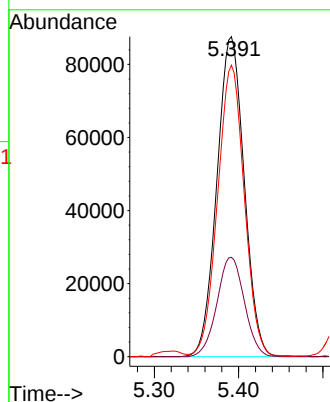
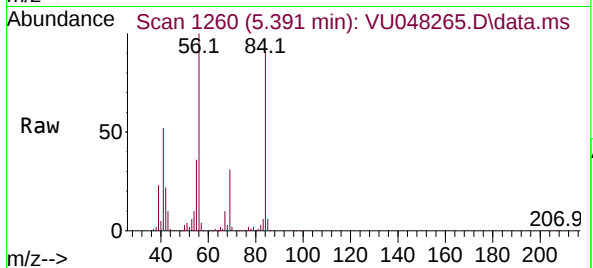
Tgt Ion: 56 Resp: 196908

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 88.8 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 49.912 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

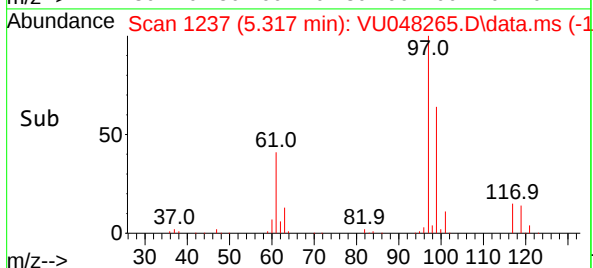
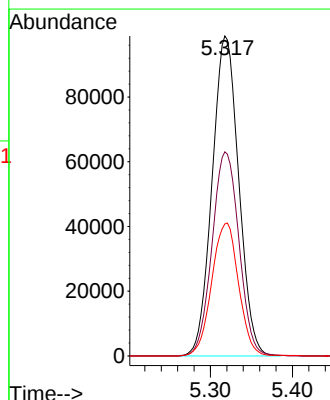
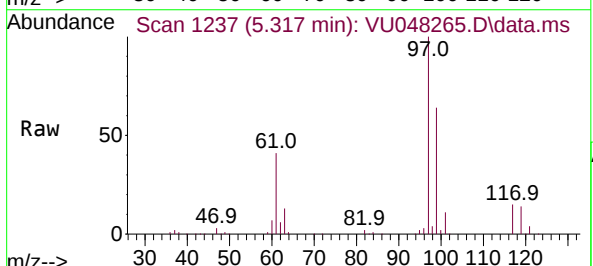
Tgt Ion: 97 Resp: 222963

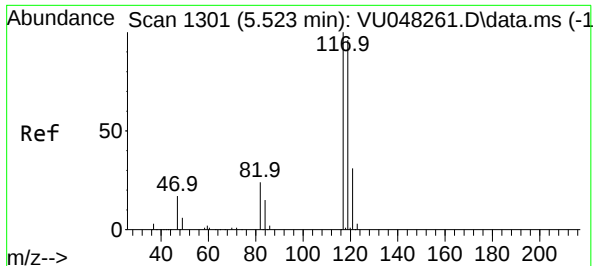
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 41.9 33.9 50.9

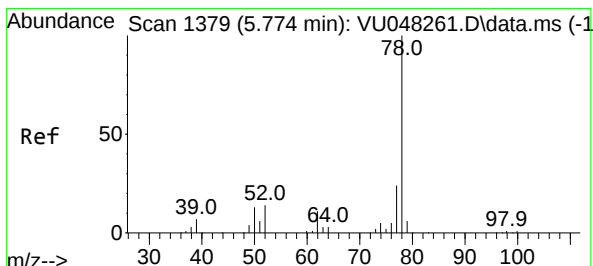
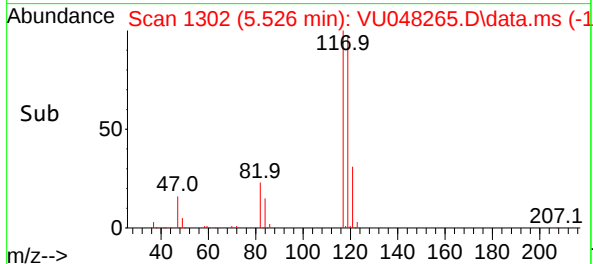
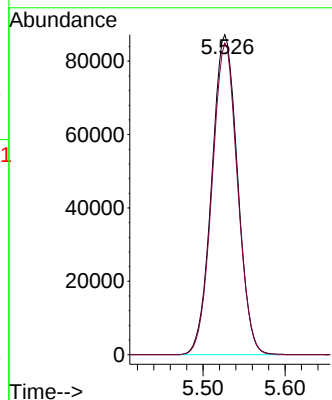
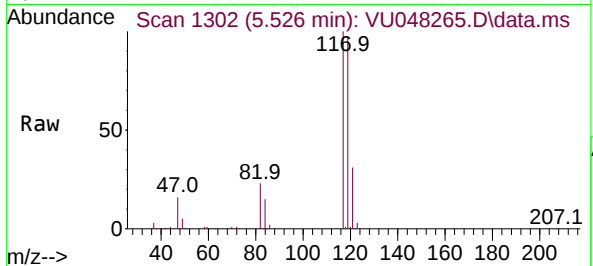




#31
Carbon tetrachloride
Concen: 50.094 ug/L
RT: 5.526 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

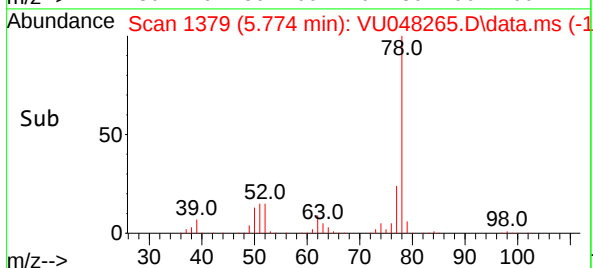
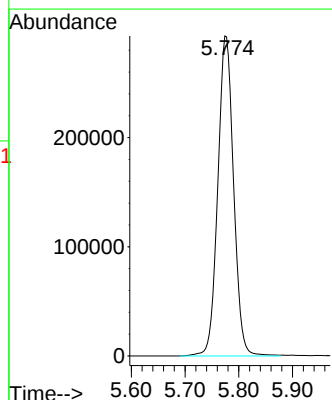
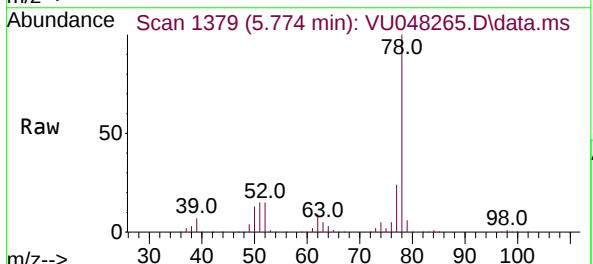
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

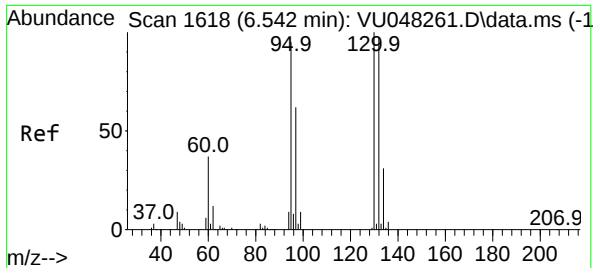
Tgt Ion:117 Resp: 190730
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 51.182 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 78 Resp: 598608

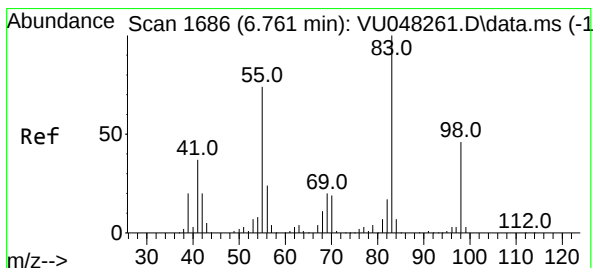
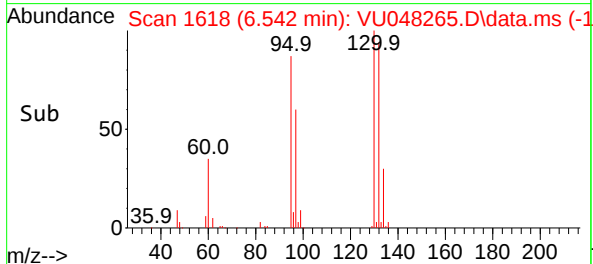
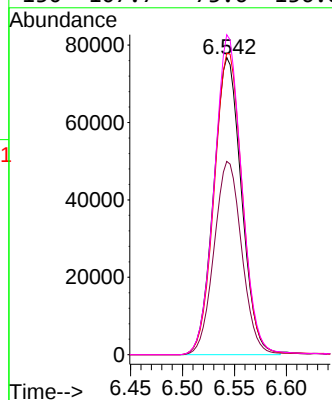
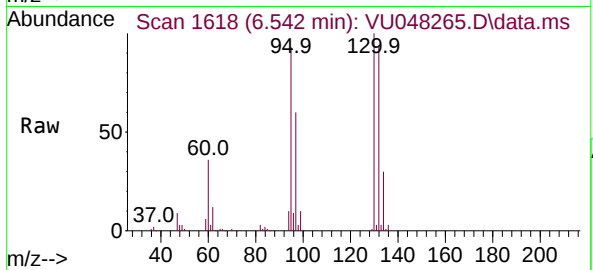




#34
Trichloroethene
Concen: 49.891 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

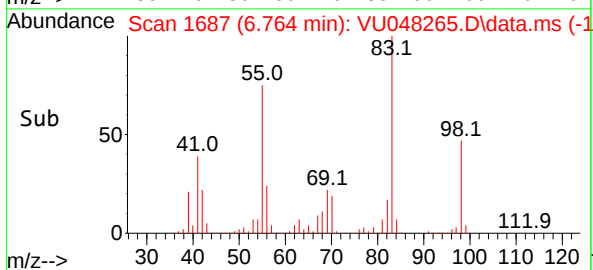
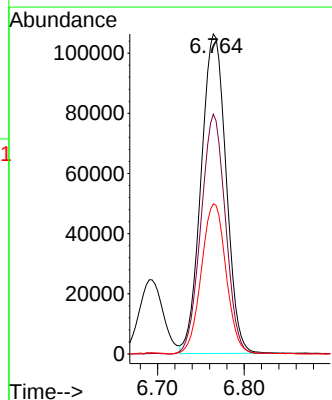
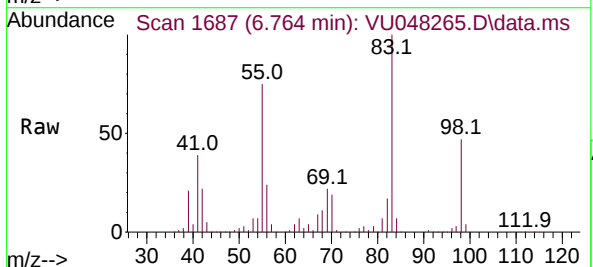
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

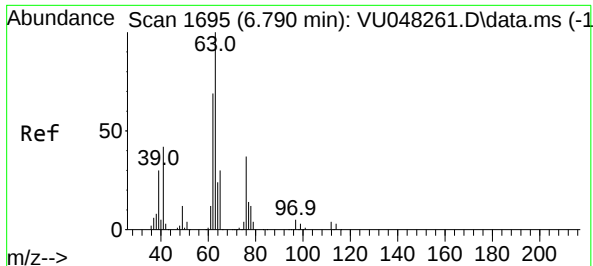
Tgt Ion: 95 Resp: 143025
Ion Ratio Lower Upper
95 100
97 65.0 45.8 85.2
132 101.4 71.6 133.0
130 107.7 73.6 136.8



#35
Methylcyclohexane
Concen: 52.772 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 83 Resp: 212395
Ion Ratio Lower Upper
83 100
55 73.6 59.4 89.2
98 46.6 37.3 55.9





#37

1,2-Dichloropropane

Concen: 50.377 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

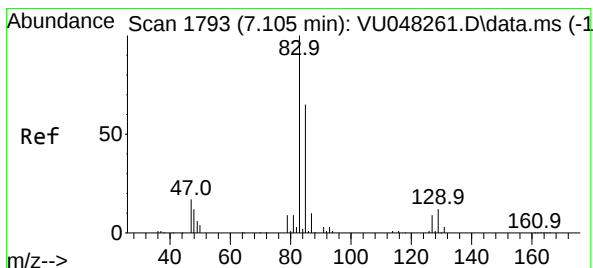
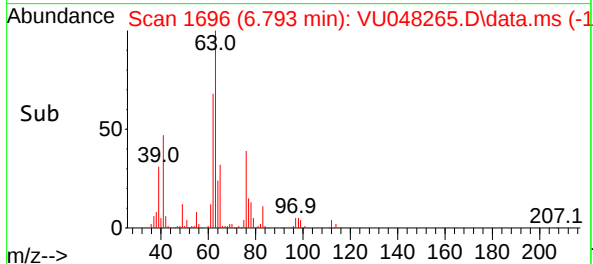
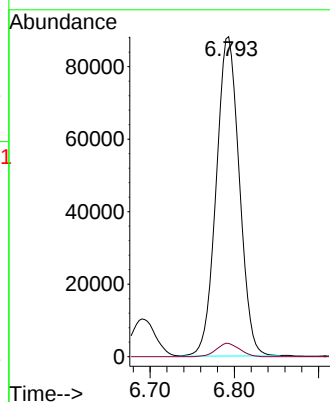
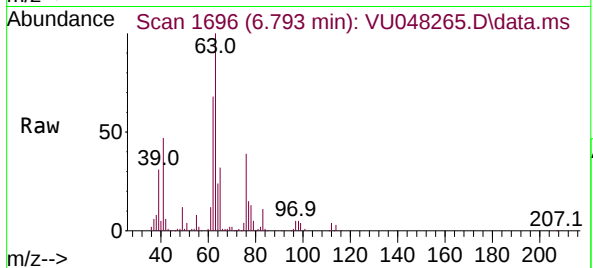
VSTD050099

Tgt Ion: 63 Resp: 167636

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 49.348 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

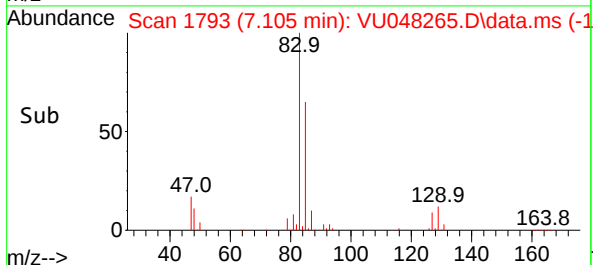
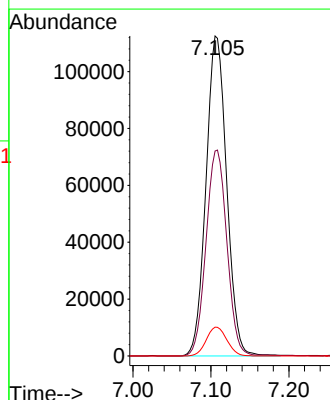
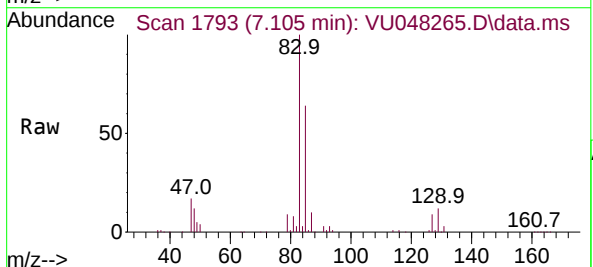
Tgt Ion: 83 Resp: 207377

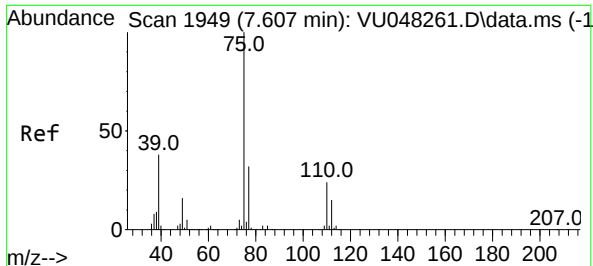
Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.004 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

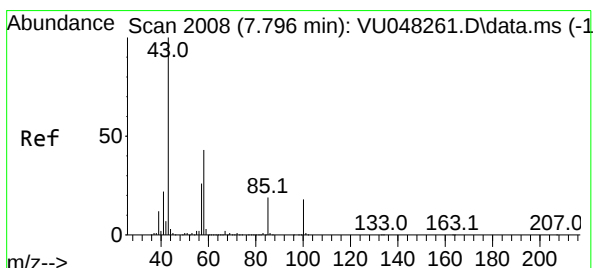
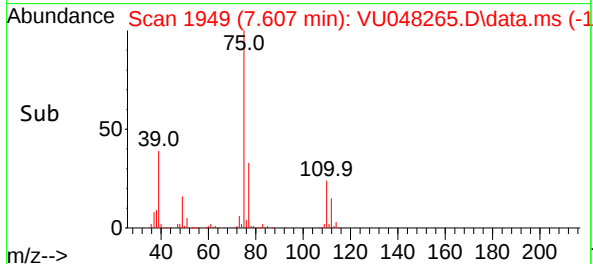
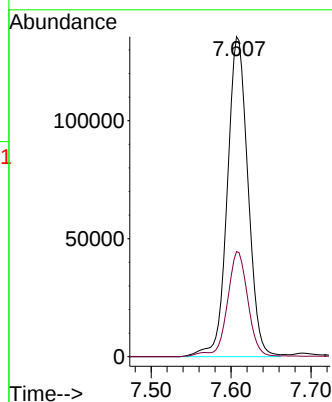
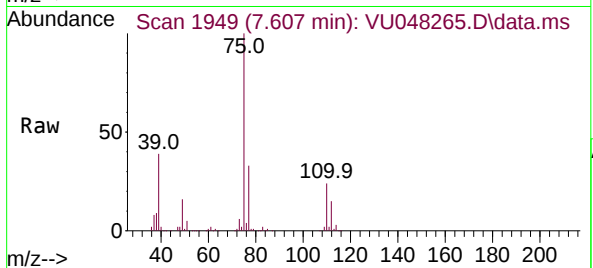
VSTD050099

Tgt Ion: 75 Resp: 243336

Ion Ratio Lower Upper

75 100

77 32.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 101.957 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

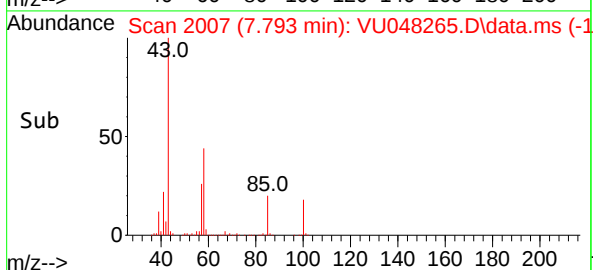
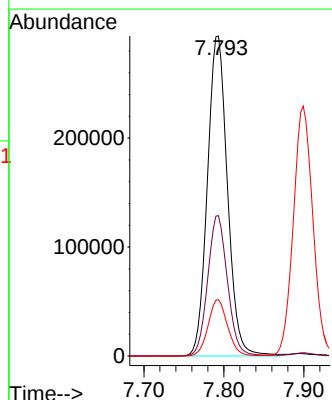
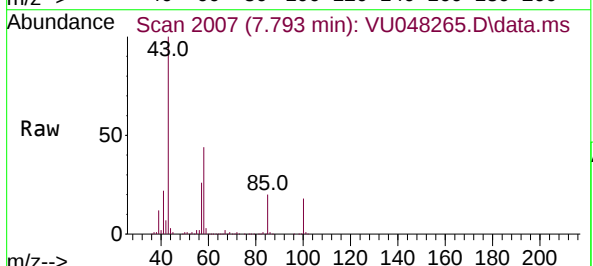
Tgt Ion: 43 Resp: 511716

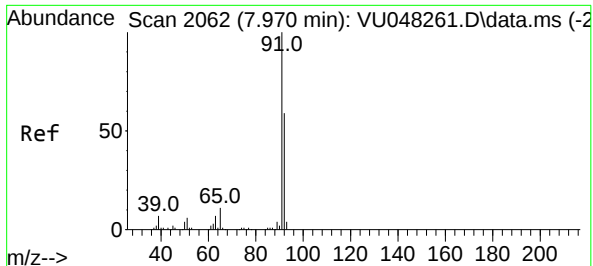
Ion Ratio Lower Upper

43 100

58 43.4 34.4 51.6

100 17.1 13.6 20.4

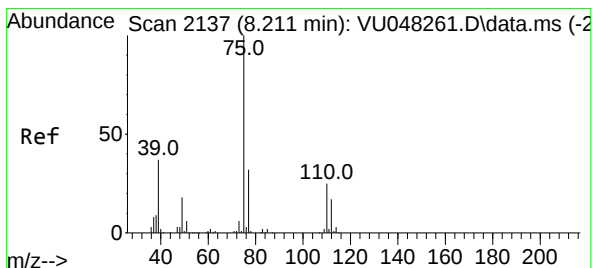
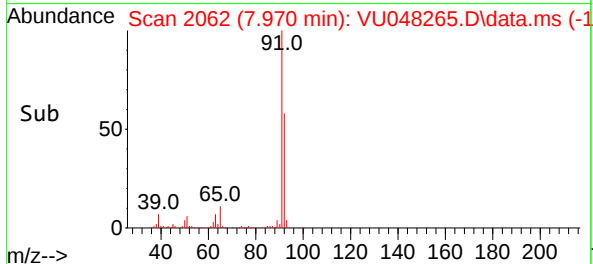
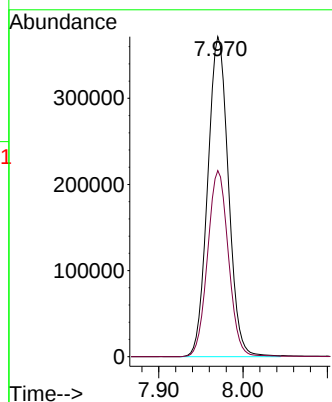
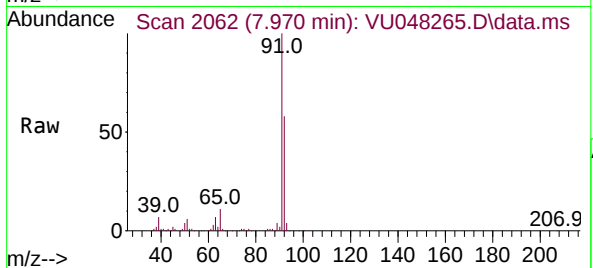




#42
Toluene
Concen: 51.752 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

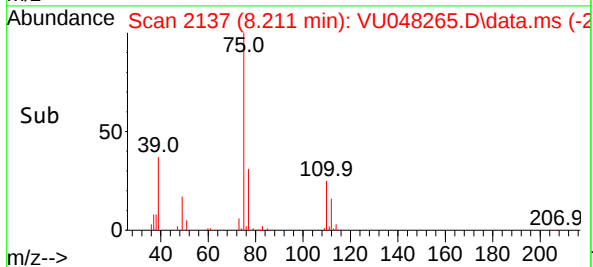
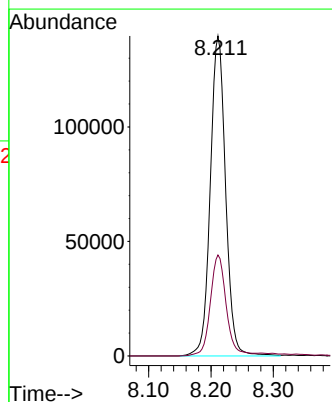
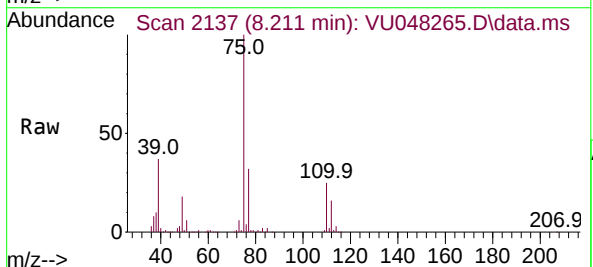
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

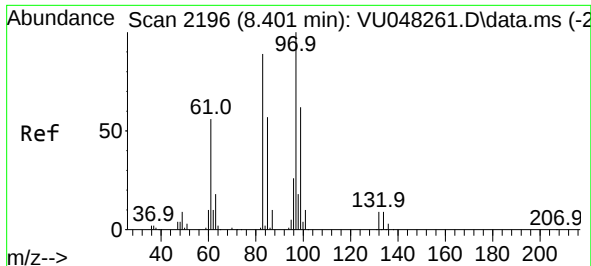
Tgt Ion: 91 Resp: 635485
Ion Ratio Lower Upper
91 100
92 58.1 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 52.266 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 75 Resp: 238921
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1

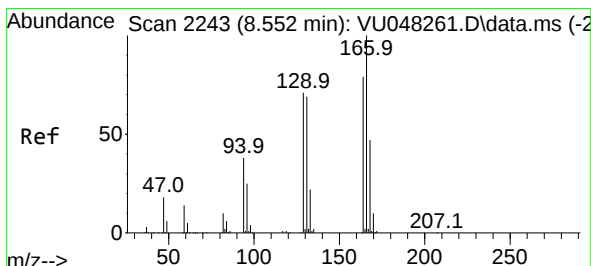
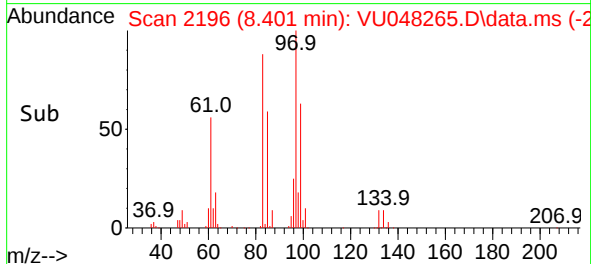
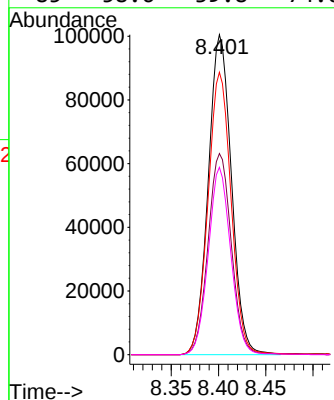
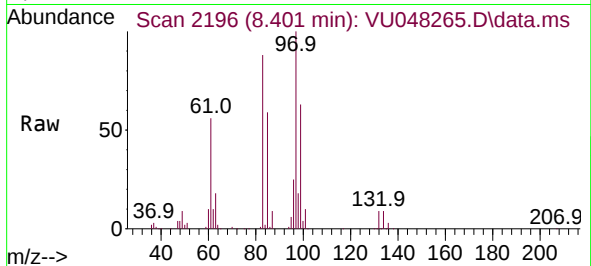




#45
1,1,2-Trichloroethane
Concen: 49.100 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

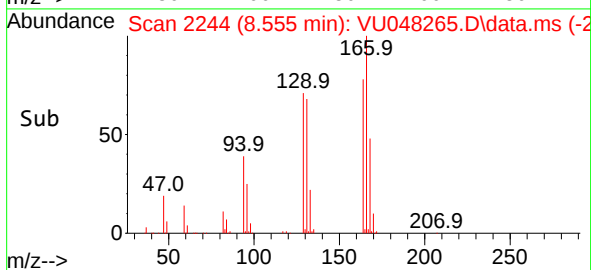
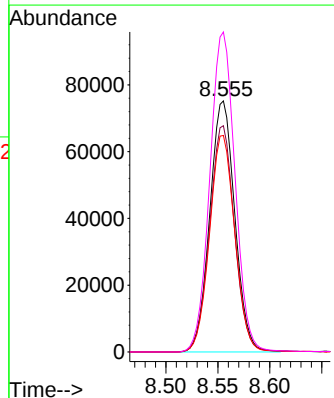
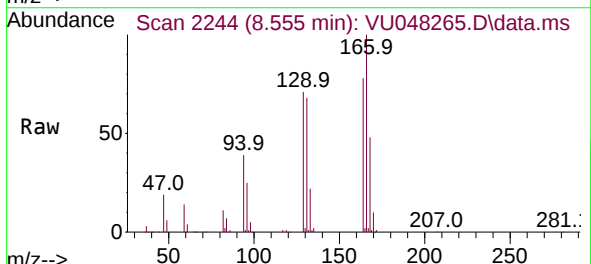
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

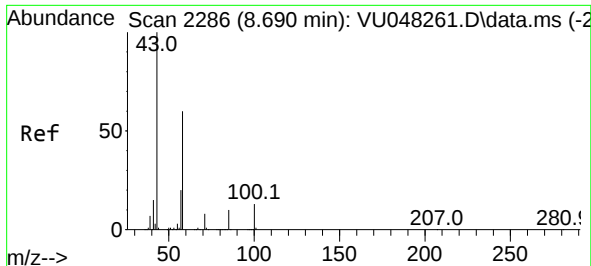
Tgt Ion:	97	Resp:	171422
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.7	81.1
83	88.2	62.6	116.2
85	58.6	39.8	74.0



#46
Tetrachloroethene
Concen: 51.242 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion:	164	Resp:	126075
Ion	Ratio	Lower	Upper
164	100		
129	90.1	63.3	117.7
131	86.3	61.2	113.6
166	127.5	88.9	165.1



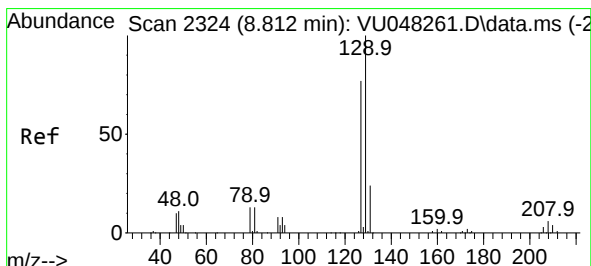
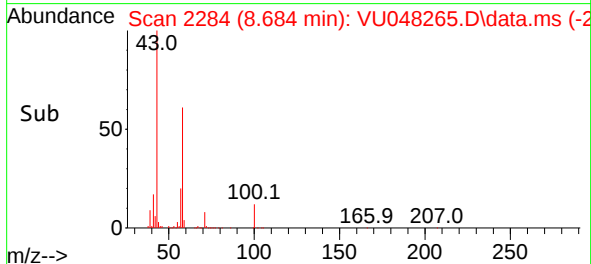
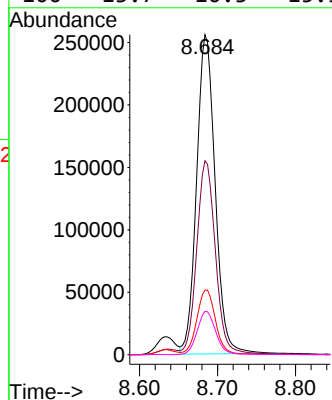
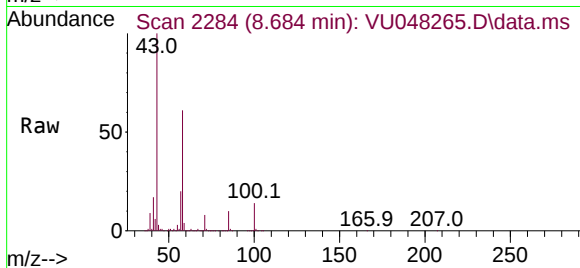


#48
2-Hexanone
Concen: 100.882 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

Tgt Ion: 43 Resp: 422813

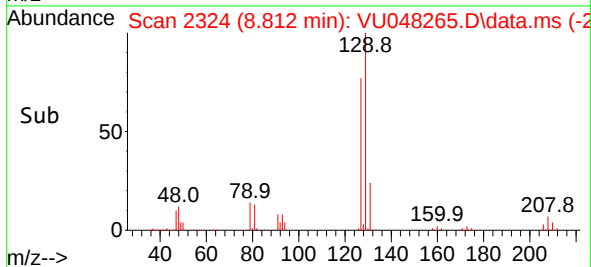
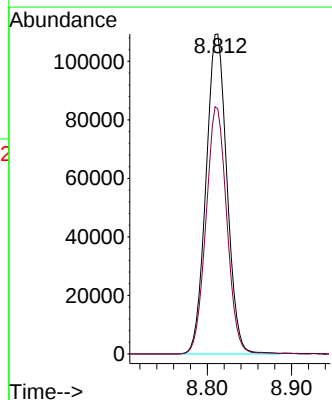
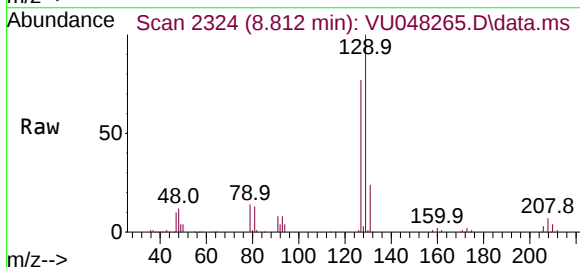
Ion	Ratio	Lower	Upper
43	100		
58	60.4	48.1	72.1
57	20.5	16.2	24.4
100	13.7	10.3	15.5

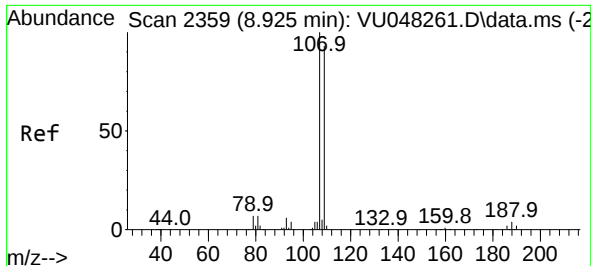


#49
Dibromochloromethane
Concen: 49.218 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 129 Resp: 188819

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.8	99.8

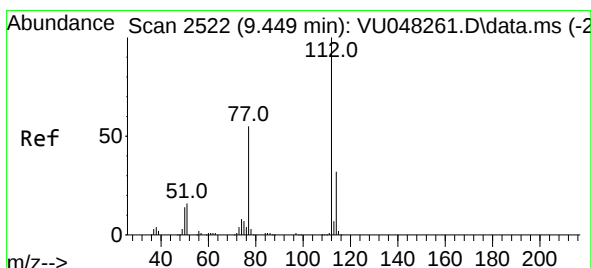
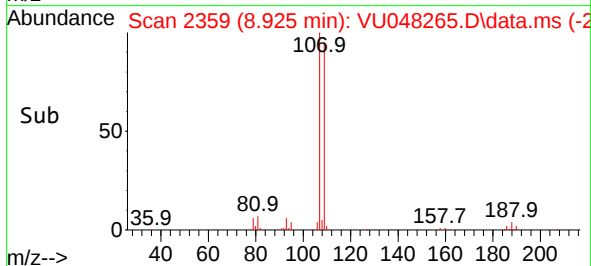
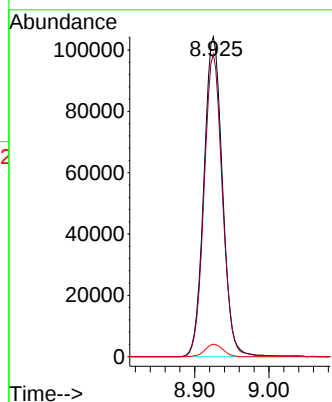
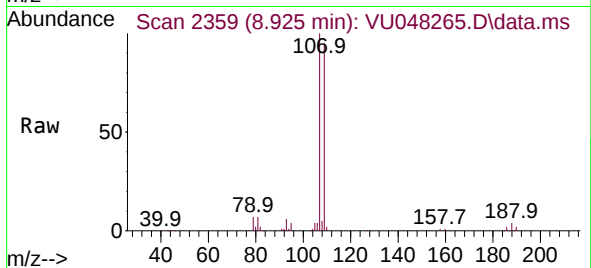




#50
 1,2-Dibromoethane
 Concen: 51.066 ug/L
 RT: 8.925 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU048265.D
 Acq: 25 Apr 2022 13:17

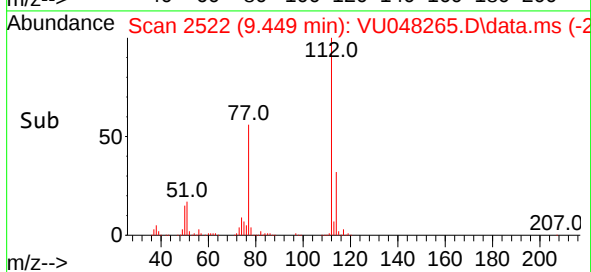
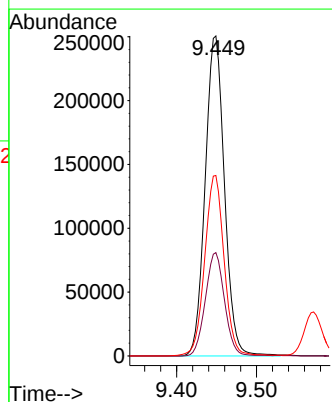
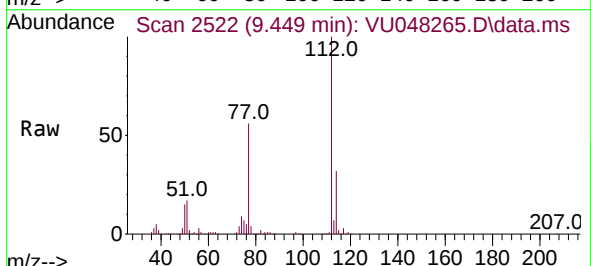
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050099

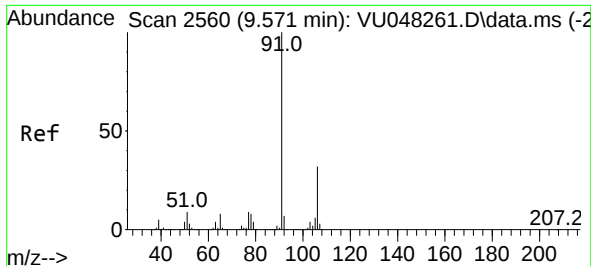
Tgt Ion:107 Resp: 180795
 Ion Ratio Lower Upper
 107 100
 109 94.5 65.0 120.8
 188 3.9 3.1 4.7



#51
 Chlorobenzene
 Concen: 47.614 ug/L
 RT: 9.449 min Scan# 2522
 Delta R.T. 0.000 min
 Lab File: VU048265.D
 Acq: 25 Apr 2022 13:17

Tgt Ion:112 Resp: 421436
 Ion Ratio Lower Upper
 112 100
 114 32.3 22.7 42.1
 77 56.4 44.3 66.5

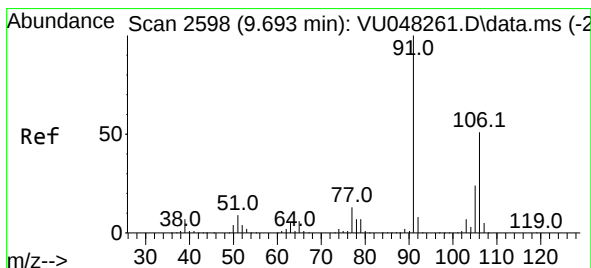
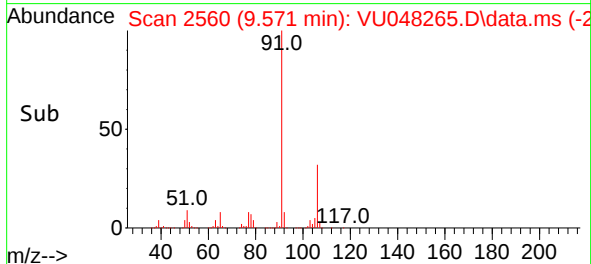
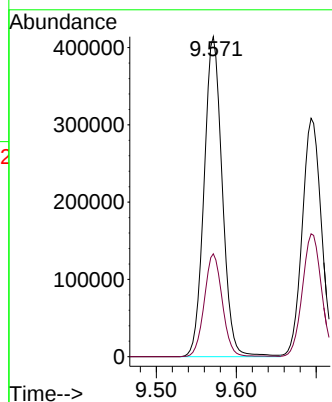
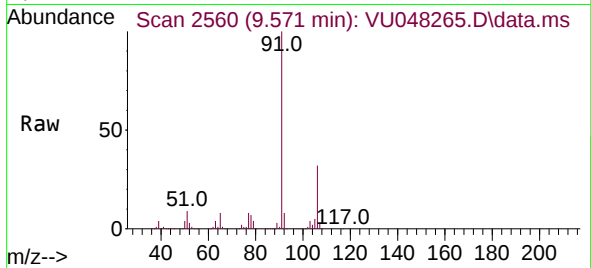




#52
Ethylbenzene
Concen: 51.596 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

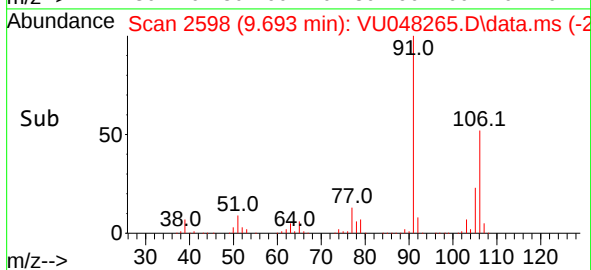
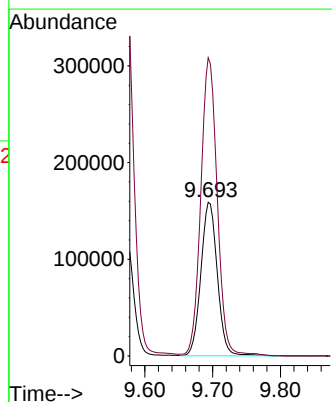
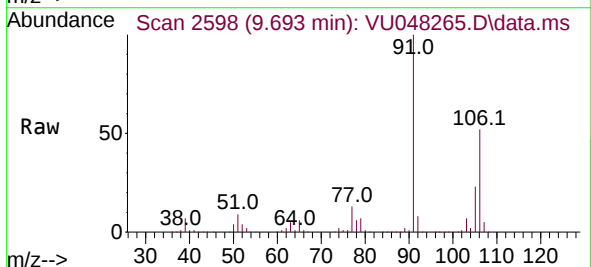
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

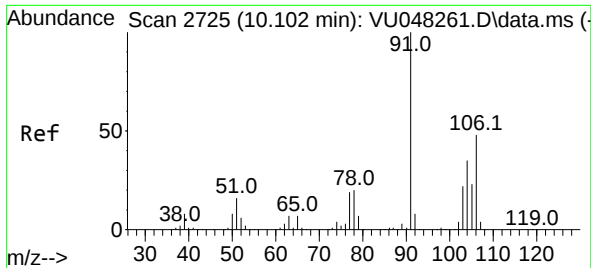
Tgt Ion: 91 Resp: 656140
Ion Ratio Lower Upper
91 100
106 32.1 22.5 41.9



#53
m,p-Xylene
Concen: 53.200 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion: 106 Resp: 266974
Ion Ratio Lower Upper
106 100
91 194.0 137.4 255.2

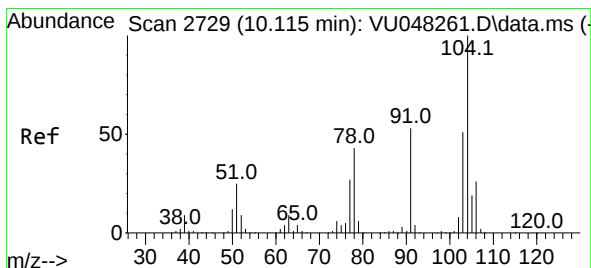
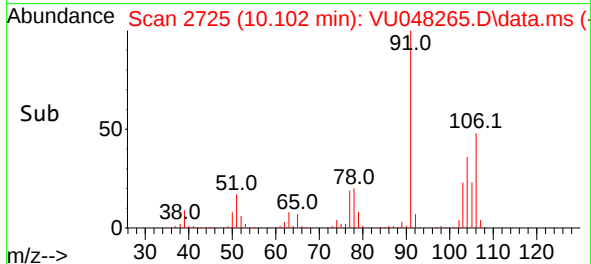
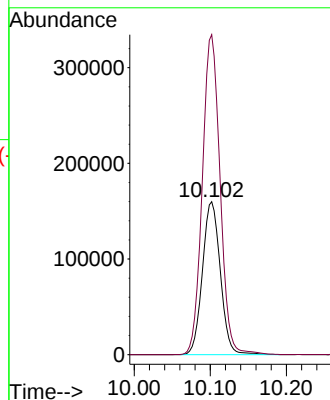
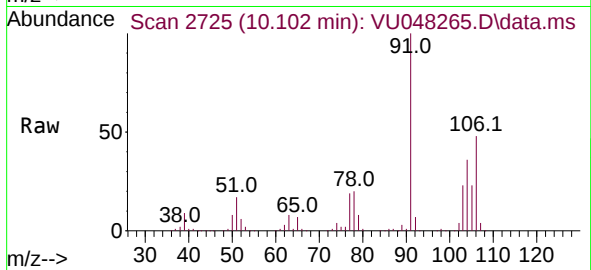




#54
o-Xylene
Concen: 51.833 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

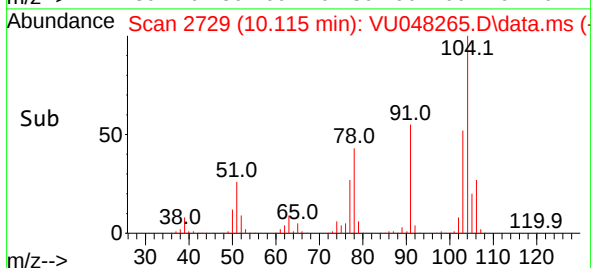
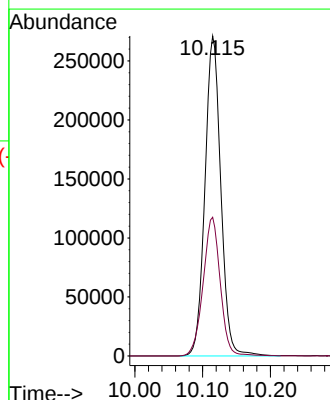
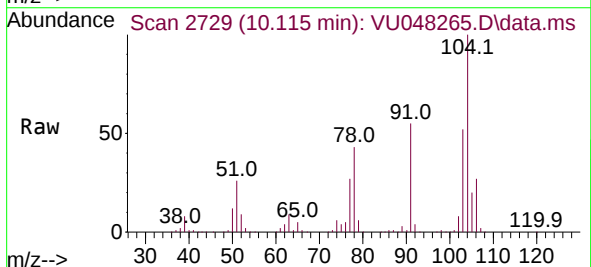
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

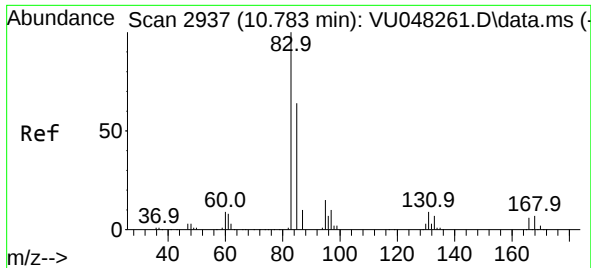
Tgt Ion:106 Resp: 262045
Ion Ratio Lower Upper
106 100
91 209.2 145.3 269.8



#55
Styrene
Concen: 51.225 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion:104 Resp: 441168
Ion Ratio Lower Upper
104 100
78 43.3 30.3 56.3

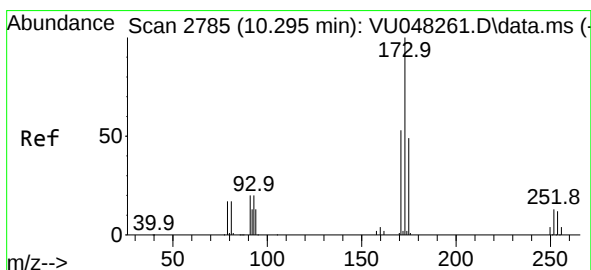
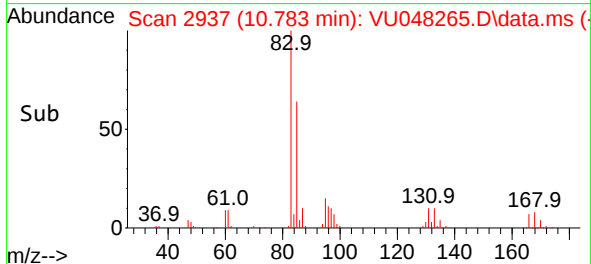
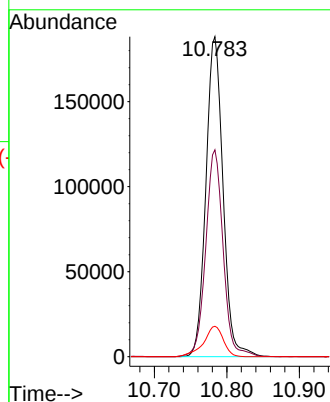
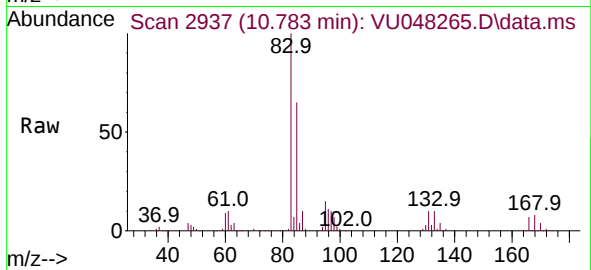




#57
1,1,2,2-Tetrachloroethane
Concen: 44.750 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

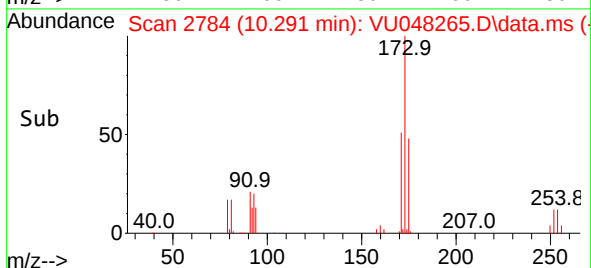
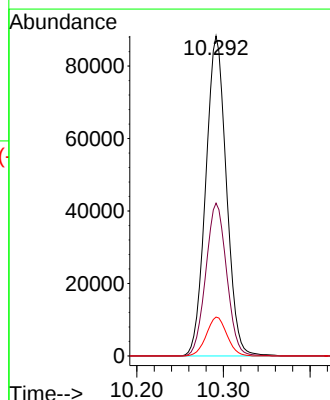
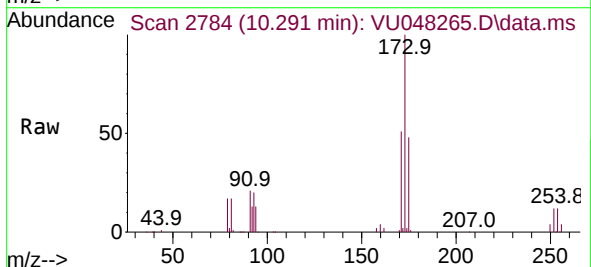
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

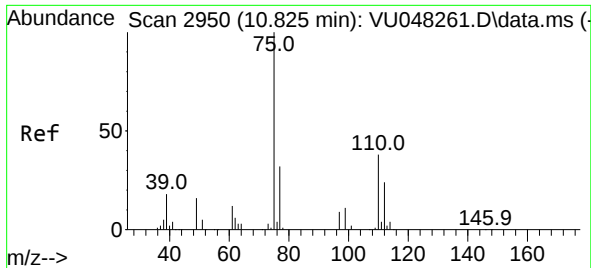
Tgt Ion: 83 Resp: 308348
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7
131 9.5 7.8 11.6



#59
Bromoform
Concen: 45.742 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion:173 Resp: 146100
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 12.1 9.5 14.3

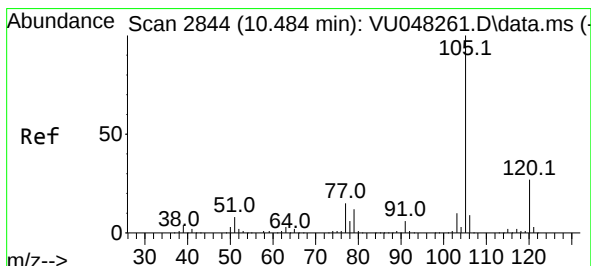
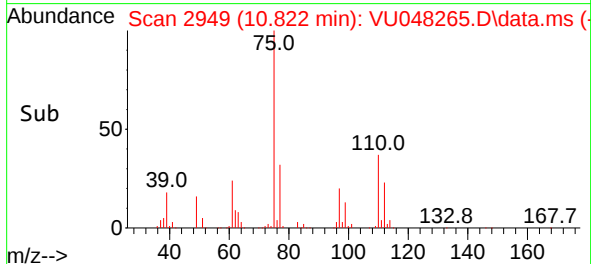
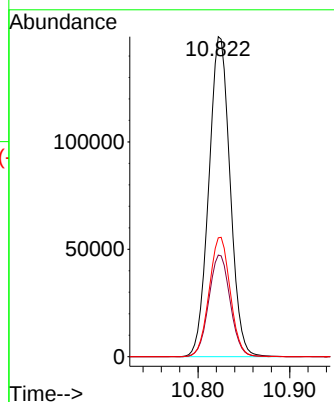
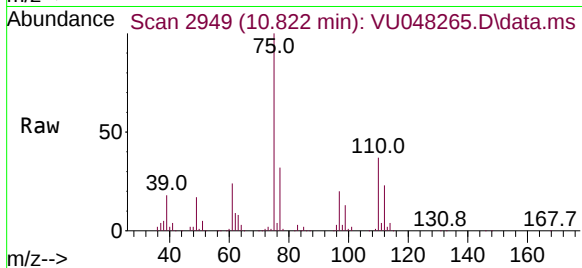




#60
1,2,3-Trichloropropane
Concen: 46.729 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

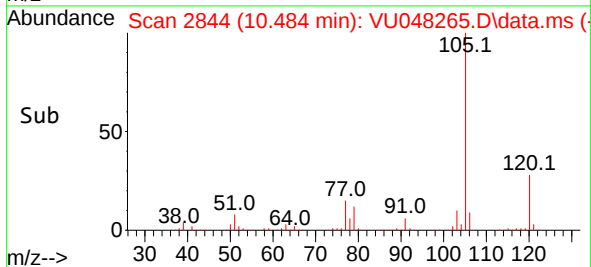
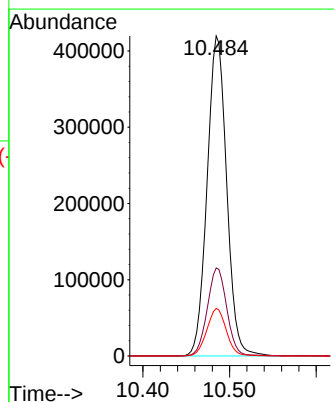
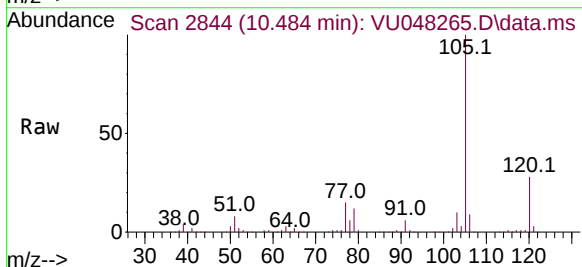
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

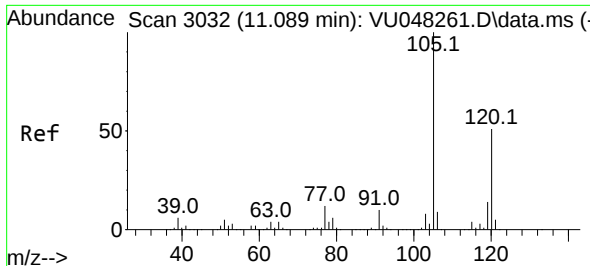
Tgt Ion: 75 Resp: 239920
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.0 29.9 44.9



#61
Isopropylbenzene
Concen: 53.474 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion:105 Resp: 658030
Ion Ratio Lower Upper
105 100
120 27.4 21.7 32.5
77 14.8 11.7 17.5





#62

1,3,5-Trimethylbenzene

Concen: 54.711 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

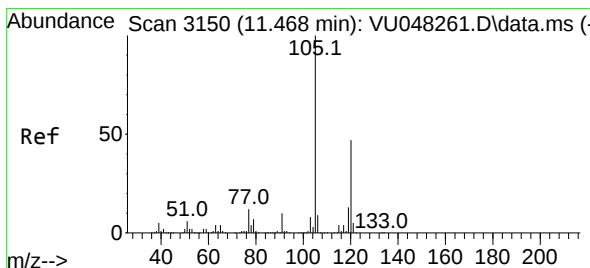
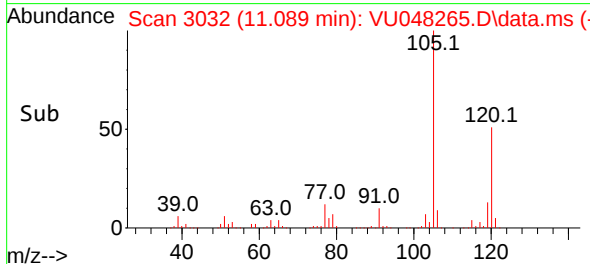
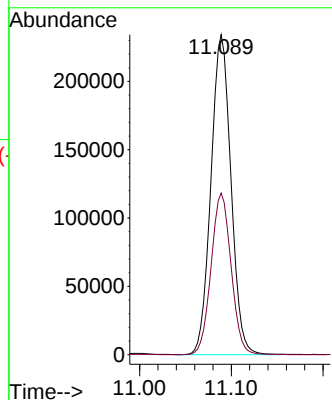
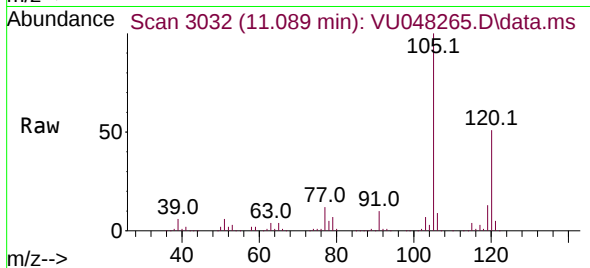
VSTD050099

Tgt Ion:105 Resp: 354846

Ion Ratio Lower Upper

105 100

120 50.4 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 55.675 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048265.D

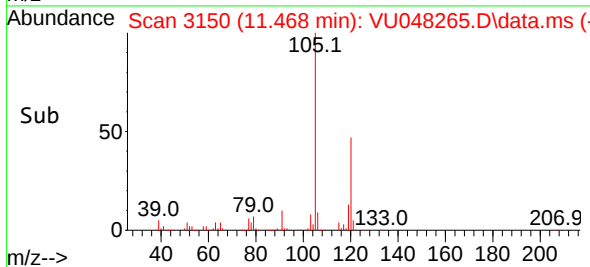
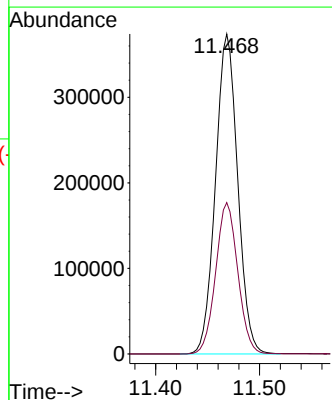
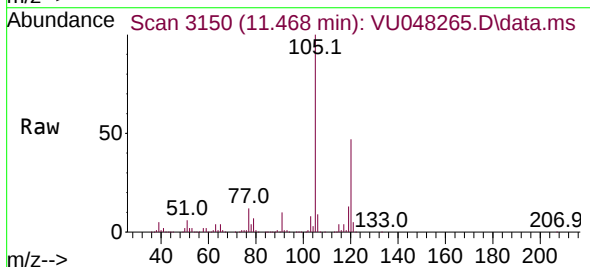
Acq: 25 Apr 2022 13:17

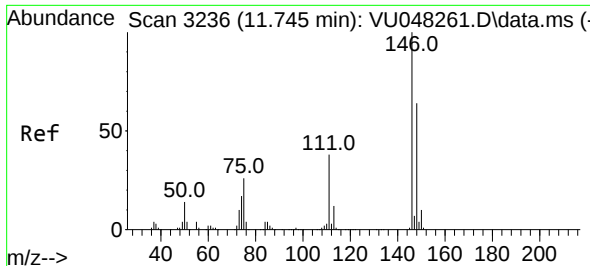
Tgt Ion:105 Resp: 555170

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0

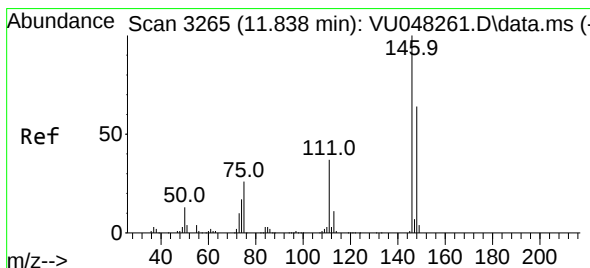
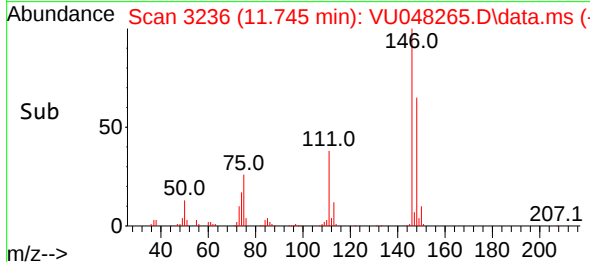
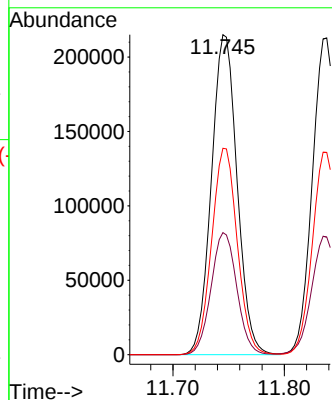
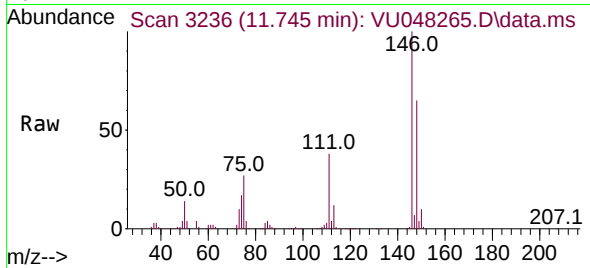




#64
1,3-Dichlorobenzene
Concen: 50.007 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

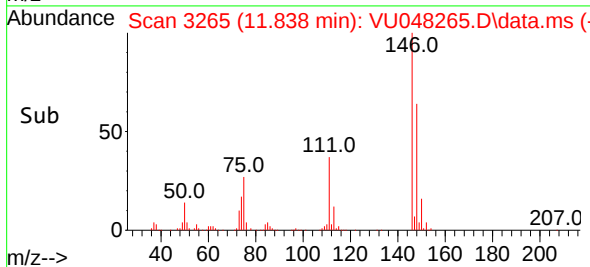
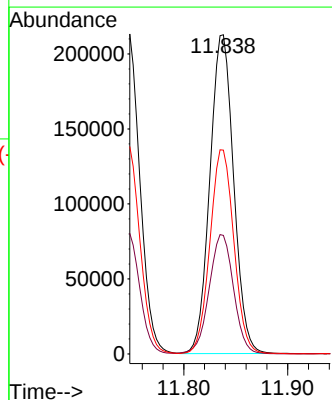
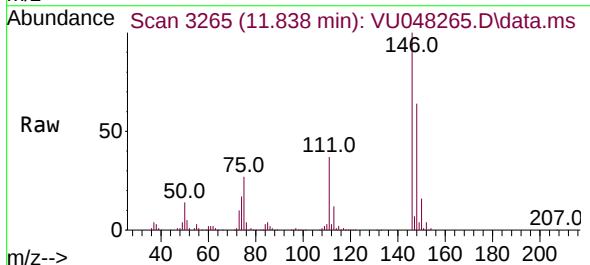
Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

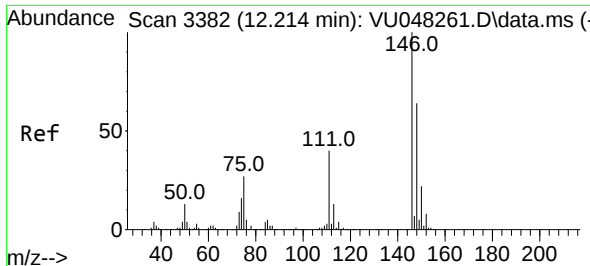
Tgt Ion:146 Resp: 344997
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 47.989 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion:146 Resp: 337991
Ion Ratio Lower Upper
146 100
111 37.1 25.9 48.1
148 63.9 45.1 83.7

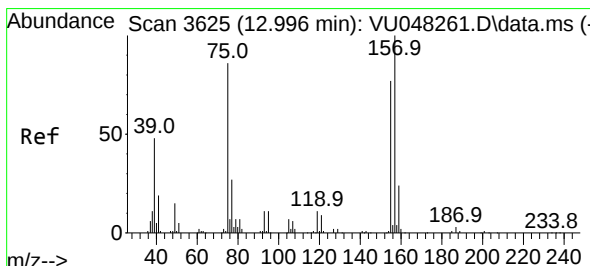
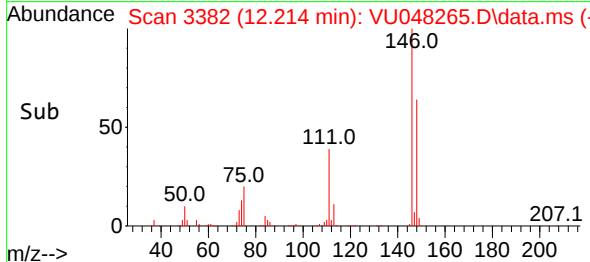
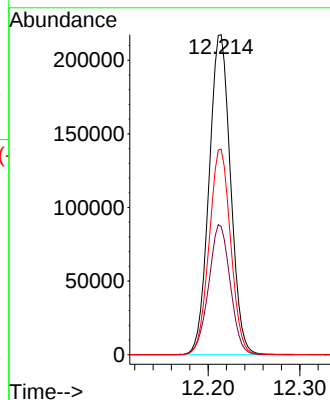
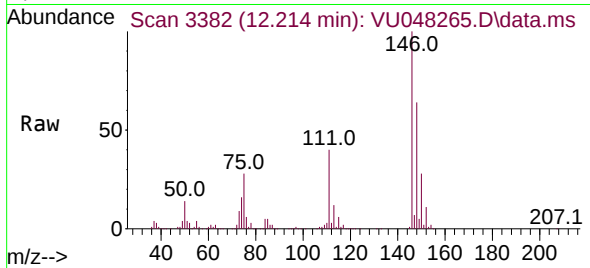




#67
 1,2-Dichlorobenzene
 Concen: 48.691 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU048265.D
 Acq: 25 Apr 2022 13:17

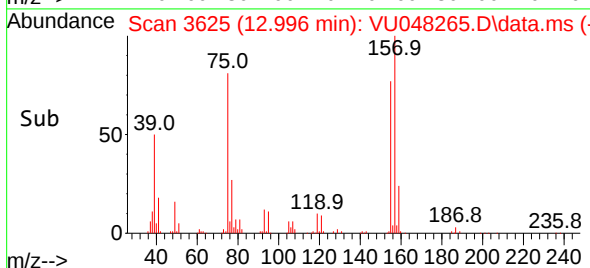
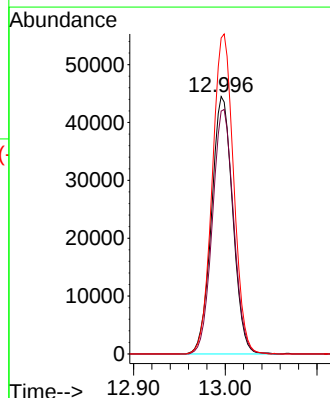
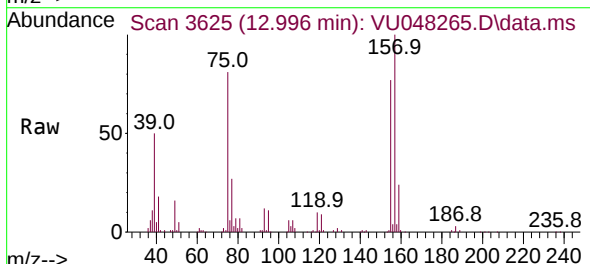
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050099

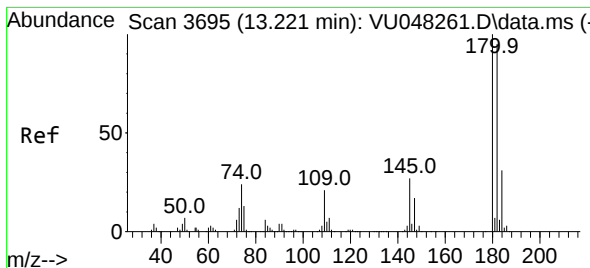
Tgt Ion:146 Resp: 353869
 Ion Ratio Lower Upper
 146 100
 111 40.1 31.7 47.5
 148 64.3 50.9 76.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 52.210 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU048265.D
 Acq: 25 Apr 2022 13:17

Tgt Ion: 75 Resp: 71560
 Ion Ratio Lower Upper
 75 100
 155 94.4 71.8 107.6
 157 122.7 93.4 140.2





#69

1,3,5-Trichlorobenzene

Concen: 52.062 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD050099

Tgt Ion:180 Resp: 266893

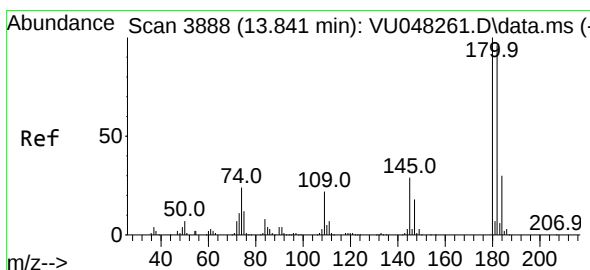
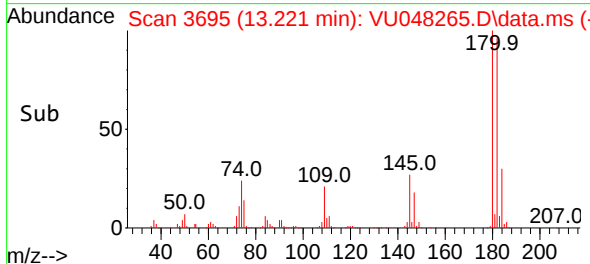
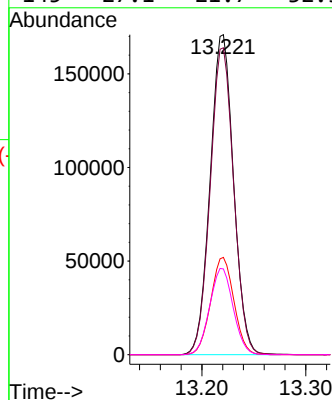
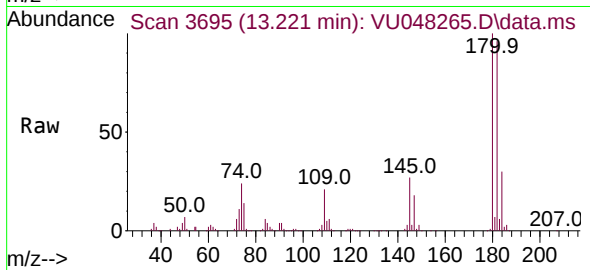
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

184 30.2 24.6 37.0

145 27.1 21.7 32.5



#70

1,2,4-trichlorobenzene

Concen: 57.857 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048265.D

Acq: 25 Apr 2022 13:17

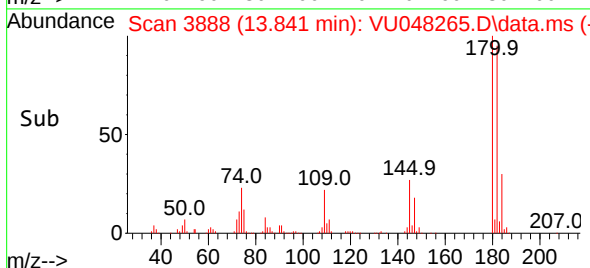
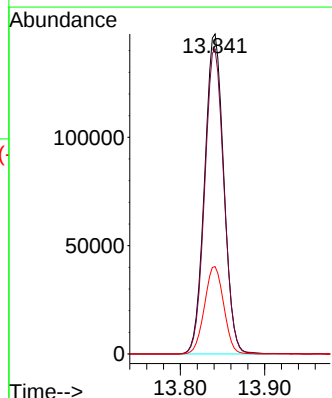
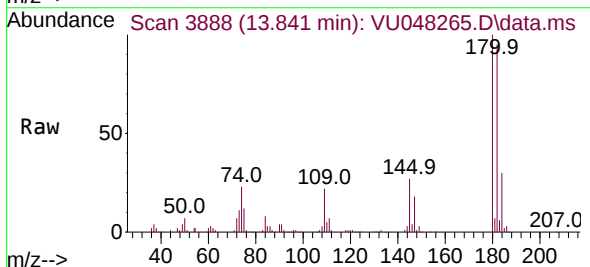
Tgt Ion:180 Resp: 234320

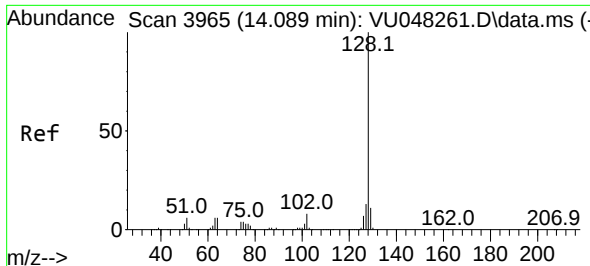
Ion Ratio Lower Upper

180 100

182 95.2 76.3 114.5

145 27.4 22.6 33.8

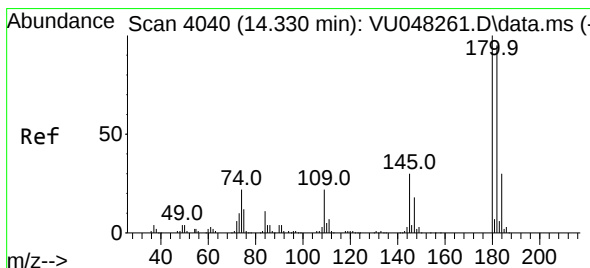
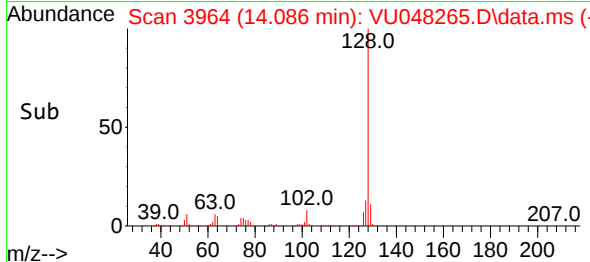
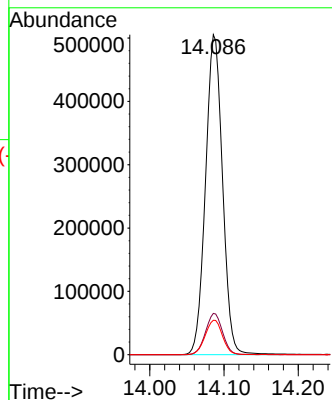
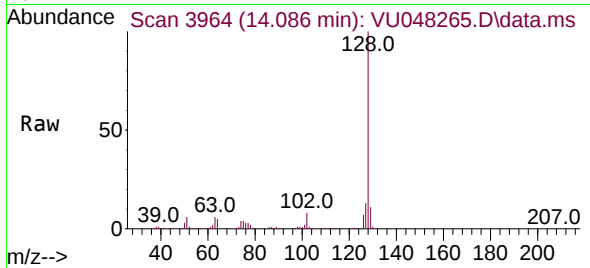




#71
Naphthalene
Concen: 69.204 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

Tgt Ion:128 Resp: 802090
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 60.362 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048265.D
Acq: 25 Apr 2022 13:17

Tgt Ion:180 Resp: 250535
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
145 29.0 23.5 35.3

