

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072522\
 Data File : U049865.D
 Acq On : 25 Jul 2022 12:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Jul 26 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	99033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39940	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.912	69	33401	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.562	65	17091	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.645	46	145808	50.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	5.063	84	89737	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.703	65	48413	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.729	84	159600	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.690	67	55211	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.899	98	144920	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	8.182	79	19800	5.127	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.636	63	87778	57.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46502	5.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	49134	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	63657	6.089	ug/L	99
3) Chloromethane	1.520	50	63215	4.914	ug/L	99
5) Vinyl chloride	1.601	62	58169	5.409	ug/L	98
6) Bromomethane	1.855	94	28356	4.875	ug/L	95
8) Chloroethane	1.932	64	31233	5.039	ug/L	99
9) Trichlorofluoromethane	2.134	101	79414	6.006	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	42001	6.495	ug/L	98
12) 1,1-Dichloroethene	2.575	96	35158	5.373	ug/L	96
13) Acetone	2.658	43	90710	52.278	ug/L	97
14) Carbon disulfide	2.787	76	108884	5.378	ug/L	98
15) Methyl Acetate	2.961	43	19835	4.585	ug/L	99
16) Methylene chloride	3.044	84	57129	3.870	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	102283	4.825	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	37819	5.000	ug/L	94
19) 1,1-Dichloroethane	3.871	63	81229	4.969	ug/L	99
21) 2-Butanone	4.723	43	147471	50.112	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	45337	5.175	ug/L	98
23) Bromochloromethane	4.977	128	19929	5.092	ug/L	94
25) Chloroform	5.089	83	87159	5.026	ug/L	99

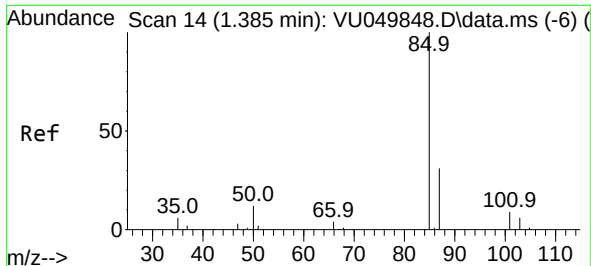
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
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Quant Time: Jul 26 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	56769	4.766	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	73539	5.797	ug/L	99
30) Cyclohexane	5.391	56	69150	6.732	ug/L	98
31) Carbon tetrachloride	5.523	117	61801	6.000	ug/L	98
33) Benzene	5.774	78	177865	5.424	ug/L	100
34) Trichloroethene	6.542	95	43711	5.498	ug/L	98
35) Methylcyclohexane	6.764	83	66720	6.804	ug/L	99
37) 1,2-Dichloropropane	6.793	63	49401	5.286	ug/L	99
38) Bromodichloromethane	7.108	83	61355	5.255	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	65360	5.307	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	336614	51.639	ug/L	100
42) Toluene	7.970	91	181544	5.536	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	56598	5.323	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	34922	5.236	ug/L	92
47) Tetrachloroethene	8.555	164	31329	5.724	ug/L	97
48) 2-Hexanone	8.687	43	253701	52.146	ug/L	99
49) Dibromochloromethane	8.813	129	39539	5.304	ug/L	98
50) 1,2-Dibromoethane	8.925	107	30777	5.196	ug/L	98
51) Chlorobenzene	9.449	112	109251	5.247	ug/L	99
52) Ethylbenzene	9.571	91	183815	5.451	ug/L	99
53) m,p-Xylene	9.693	106	68248	5.502	ug/L	98
54) o-Xylene	10.102	106	66936	5.461	ug/L	99
55) Styrene	10.115	104	113650	5.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43967	5.103	ug/L	96
59) Bromoform	10.292	173	21575	5.307	ug/L	100
60) Isopropylbenzene	10.484	105	183728	5.946	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31899	5.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	147452	5.648	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	142811	5.635	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	81799	5.354	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	80564	5.330	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	78170	5.179	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7081	5.087	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	59325	5.260	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47989	5.067	ug/L	99
71) Naphthalene	14.089	128	96527	5.228	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	47712	5.242	ug/L	98

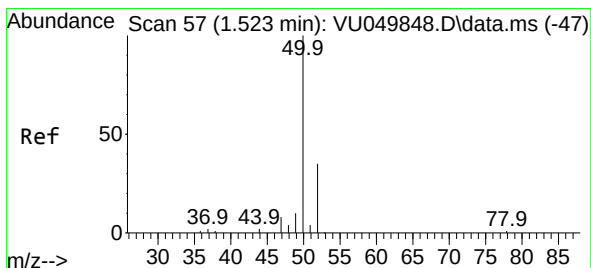
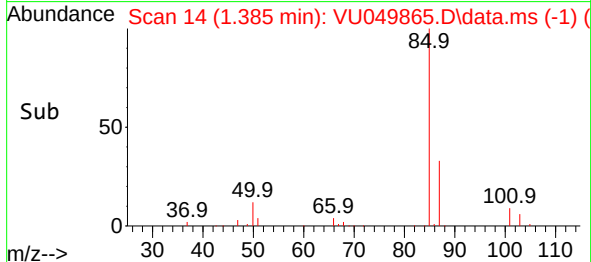
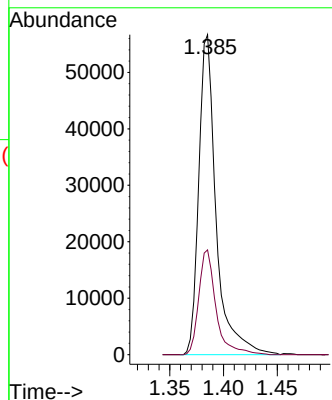
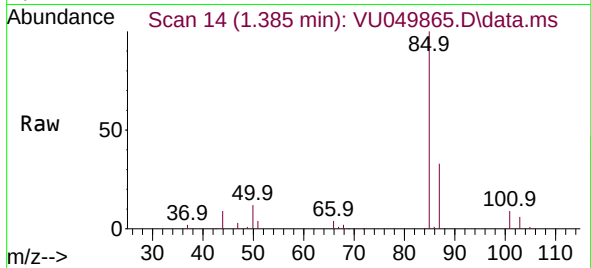
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#2
Dichlorodifluoromethane
Concen: 6.089 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

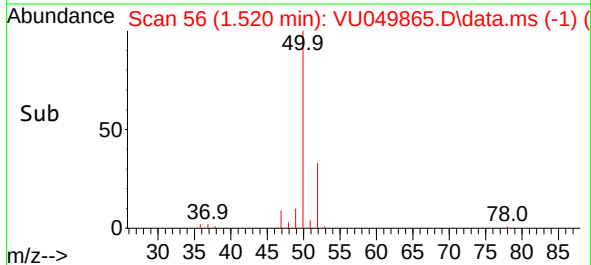
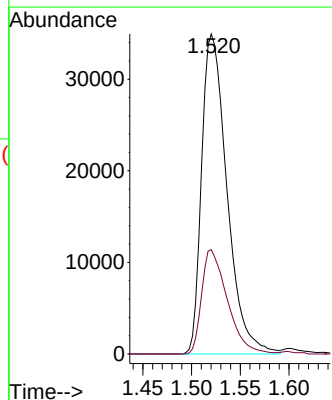
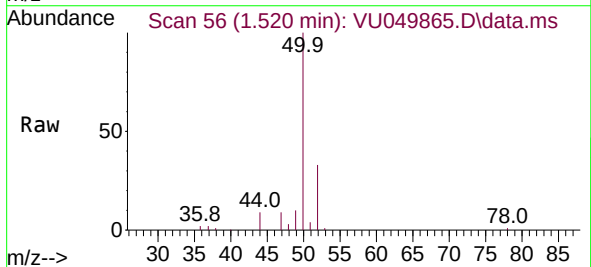
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

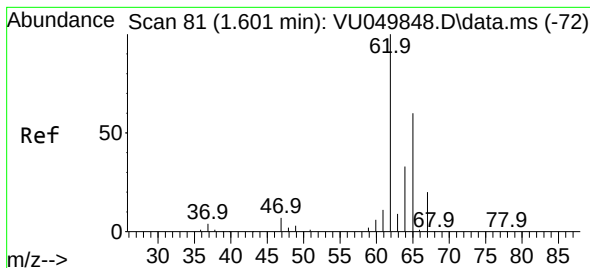
Tgt Ion: 85 Resp: 63657
Ion Ratio Lower Upper
85 100
87 32.6 25.4 38.2



#3
Chloromethane
Concen: 4.914 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 50 Resp: 63215
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.7





#5

Vinyl chloride

Concen: 5.409 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

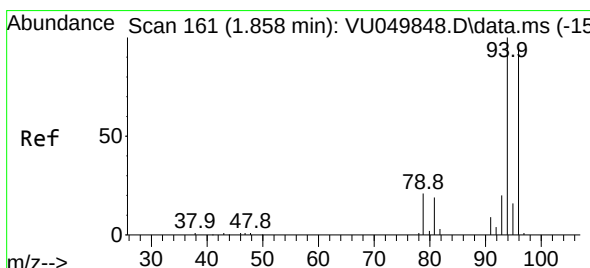
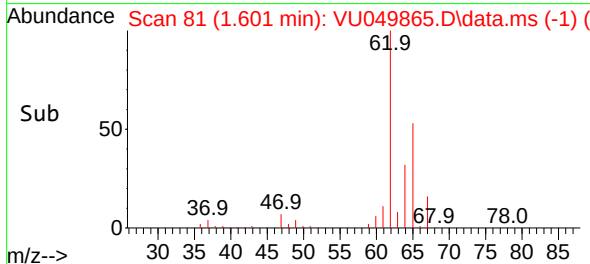
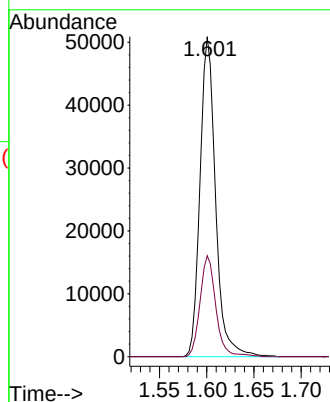
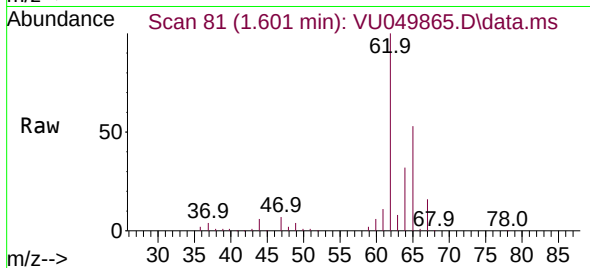
VSTD005128

Tgt Ion: 62 Resp: 58169

Ion Ratio Lower Upper

62 100

64 31.6 22.7 42.3



#6

Bromomethane

Concen: 4.875 ug/L

RT: 1.855 min Scan# 160

Delta R.T. -0.003 min

Lab File: VU049865.D

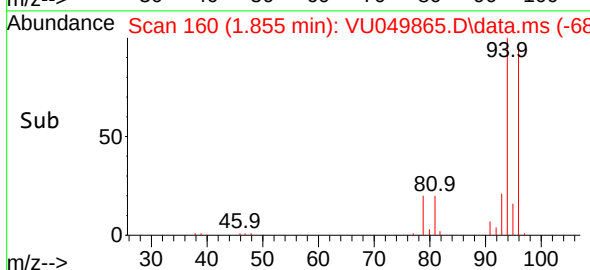
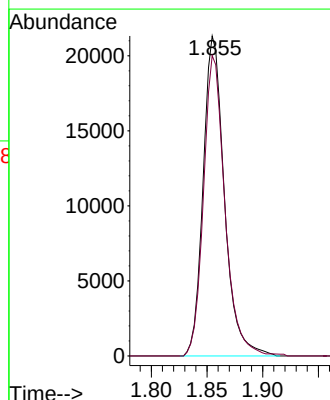
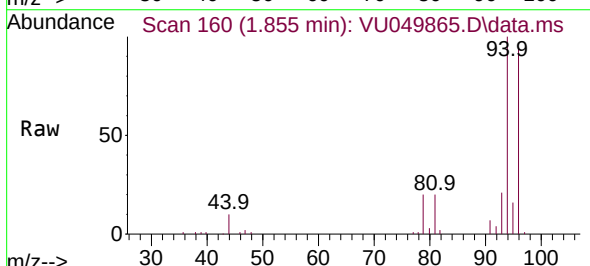
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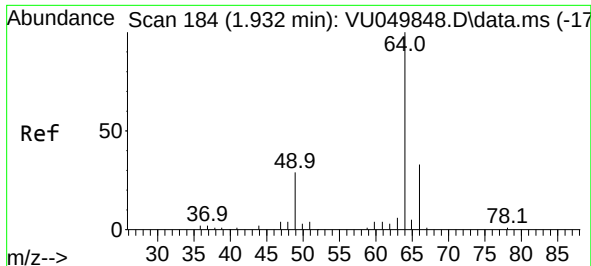
Tgt Ion: 94 Resp: 28356

Ion Ratio Lower Upper

94 100

96 93.8 62.6 116.3

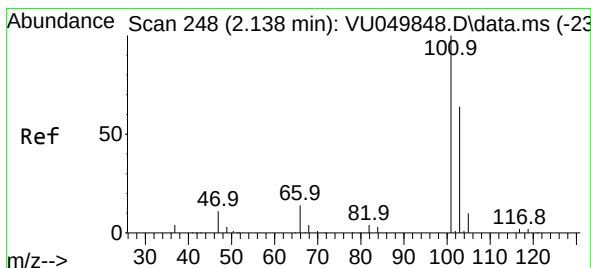
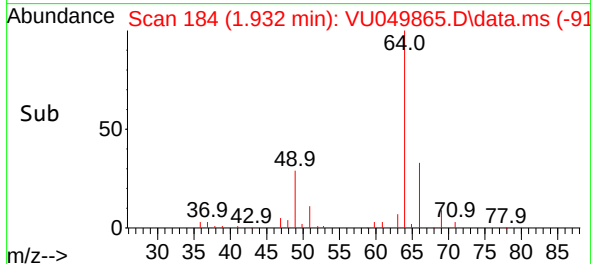
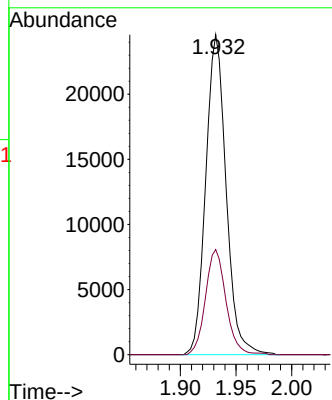
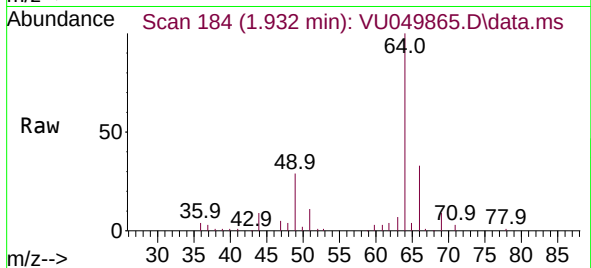




#8
Chloroethane
Concen: 5.039 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

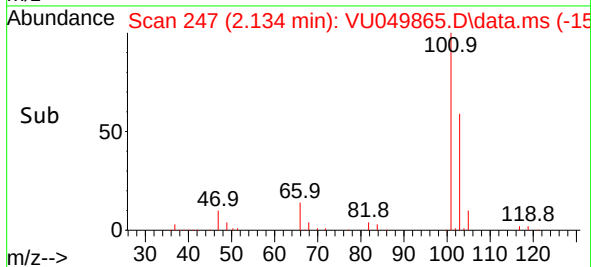
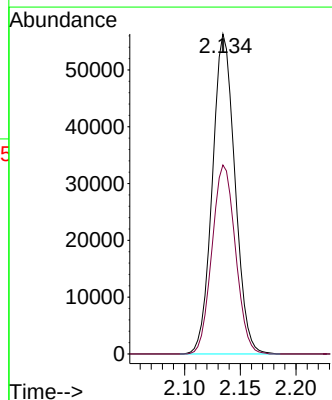
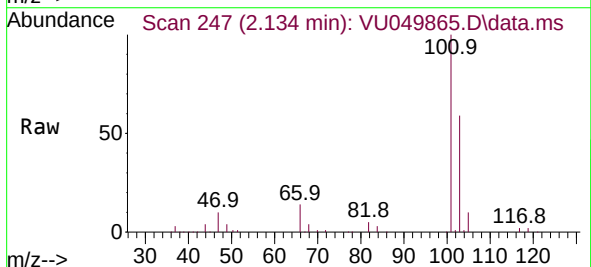
Instrument :
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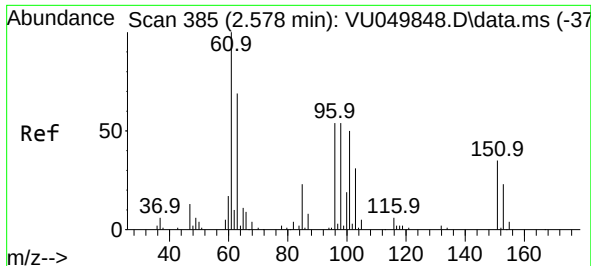
Tgt Ion: 64 Resp: 31233
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 6.006 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:101 Resp: 79414
Ion Ratio Lower Upper
101 100
103 61.3 50.8 76.2

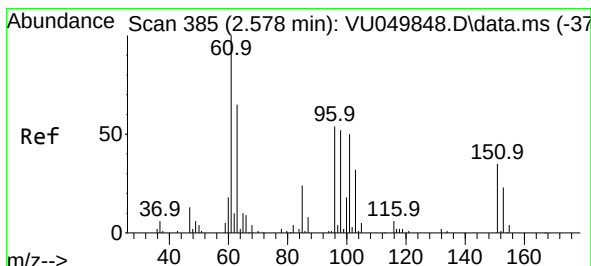
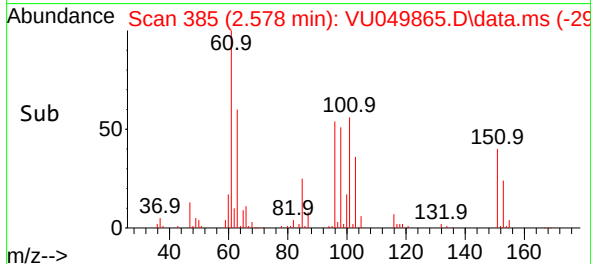
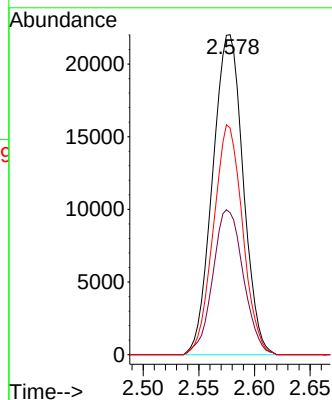
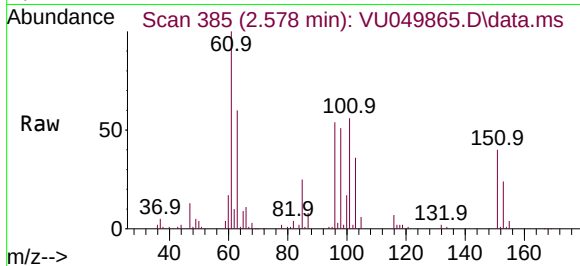




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.495 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049865.D
 Acq: 25 Jul 2022 12:37

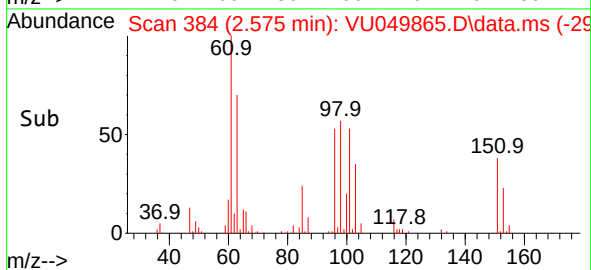
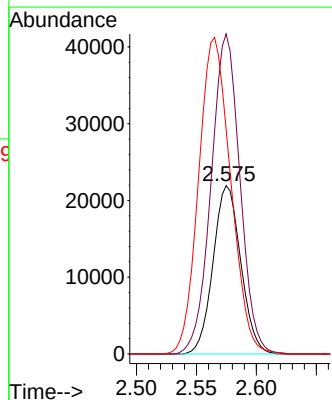
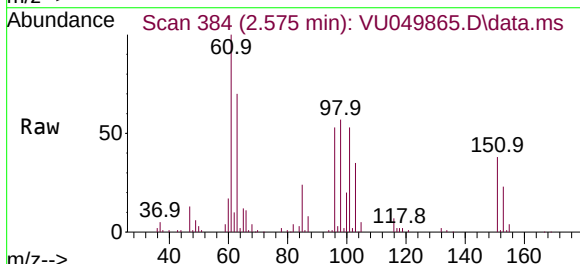
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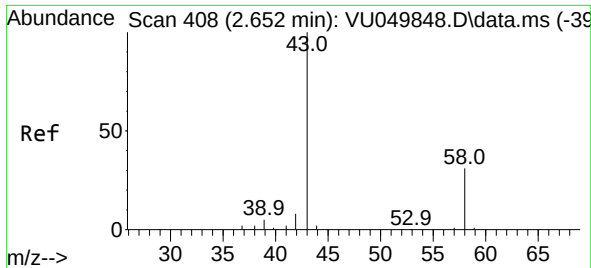
Tgt Ion:	101	Resp:	42001
Ion	Ratio	Lower	Upper
101	100		
85	45.3	37.2	55.8
151	68.9	56.0	84.0



#12
 1,1-Dichloroethene
 Concen: 5.373 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049865.D
 Acq: 25 Jul 2022 12:37

Tgt Ion:	96	Resp:	35158
Ion	Ratio	Lower	Upper
96	100		
61	190.1	131.6	244.4
63	133.4	100.0	185.6





#13

Acetone

Concen: 52.278 ug/L

RT: 2.658 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

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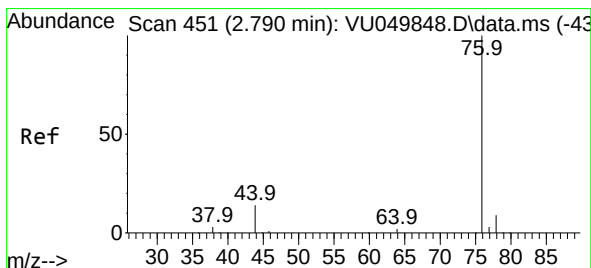
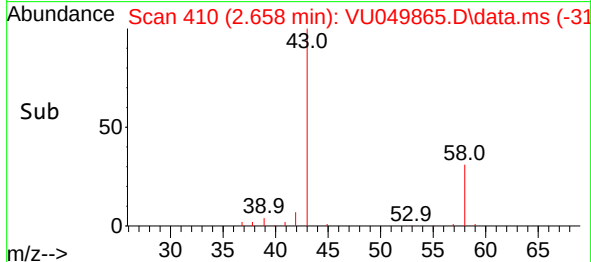
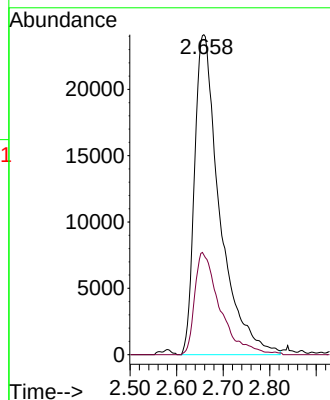
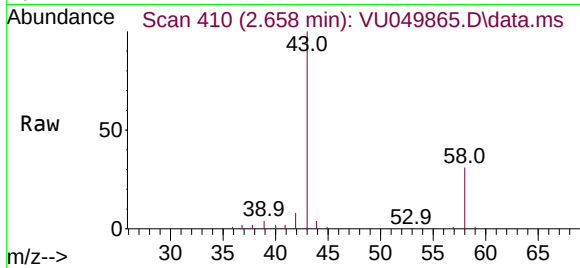
VSTD005128

Tgt Ion: 43 Resp: 90710

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.0



#14

Carbon disulfide

Concen: 5.378 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049865.D

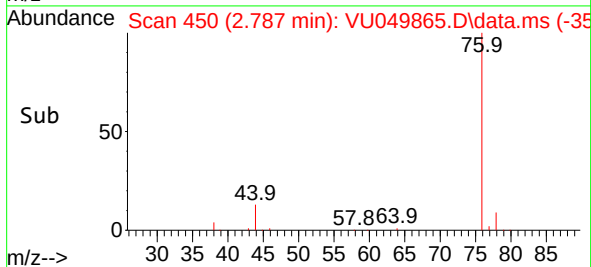
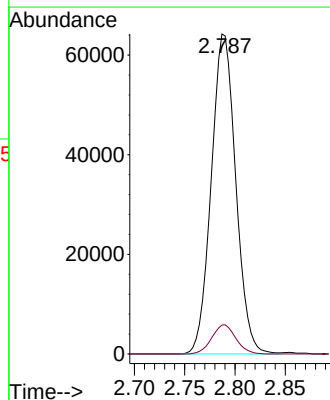
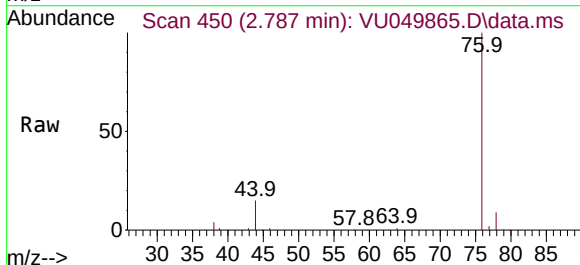
Acq: 25 Jul 2022 12:37

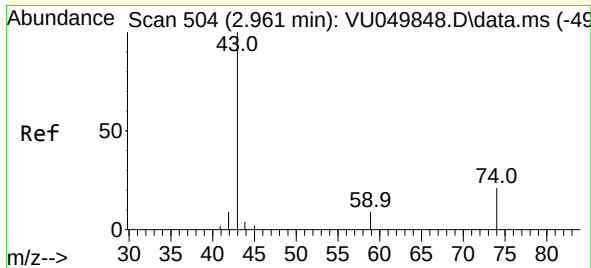
Tgt Ion: 76 Resp: 108884

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6

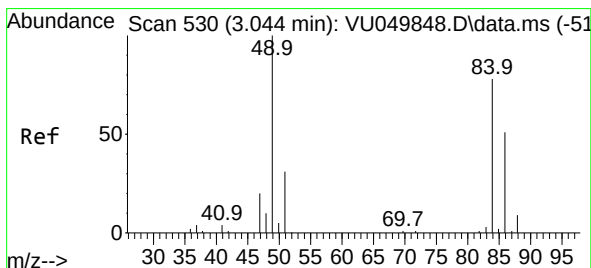
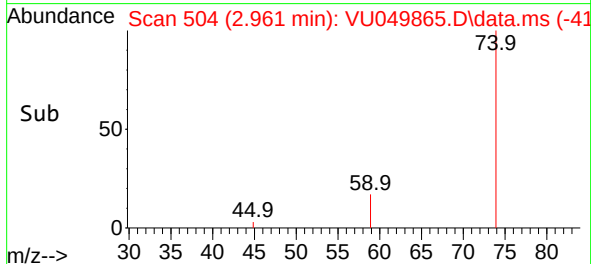
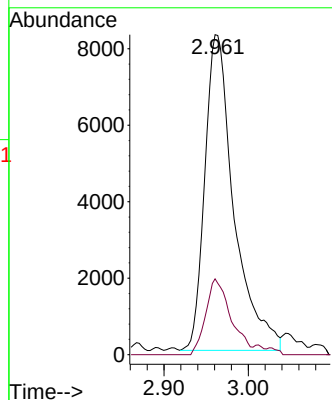
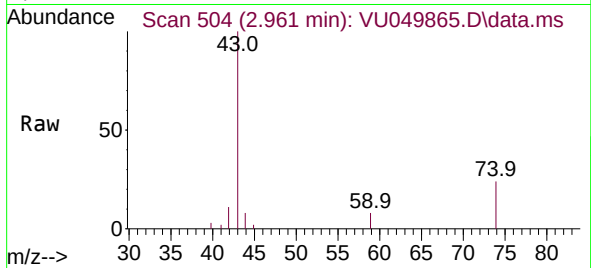




#15
Methyl Acetate
Concen: 4.585 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

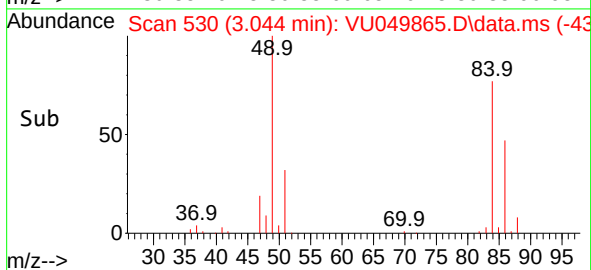
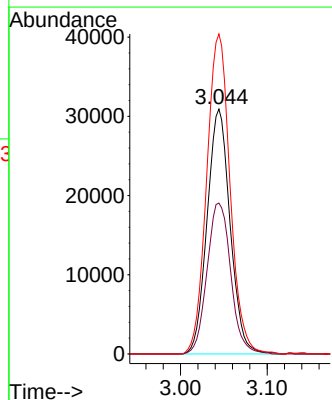
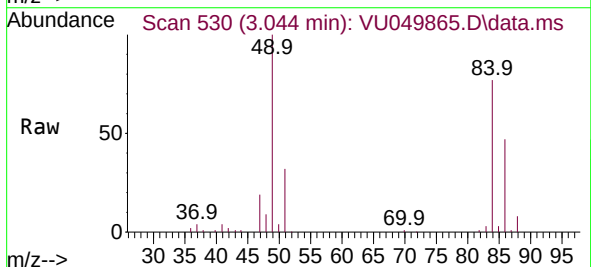
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

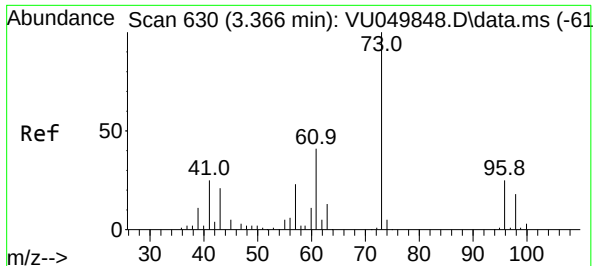
Tgt Ion: 43 Resp: 19835
Ion Ratio Lower Upper
43 100
74 20.8 17.1 25.7



#16
Methylene chloride
Concen: 3.870 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 84 Resp: 57129
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 130.6 94.1 174.8

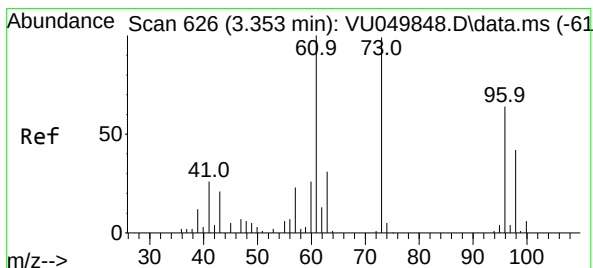
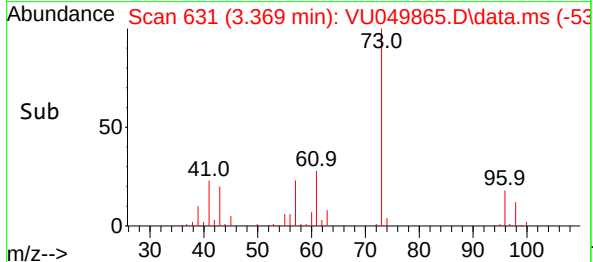
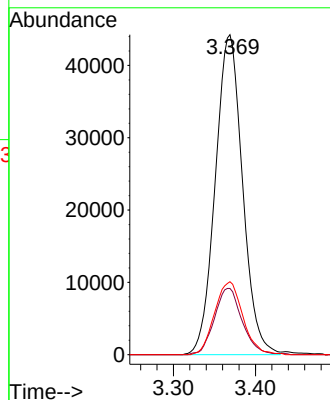
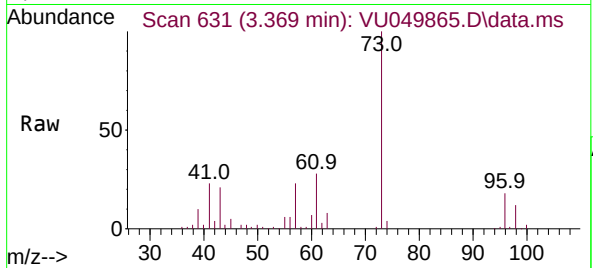




#17
Methyl tert-butyl Ether
Concen: 4.825 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

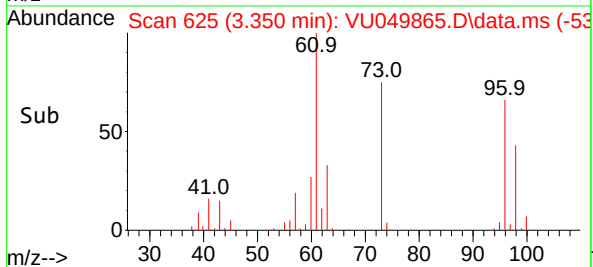
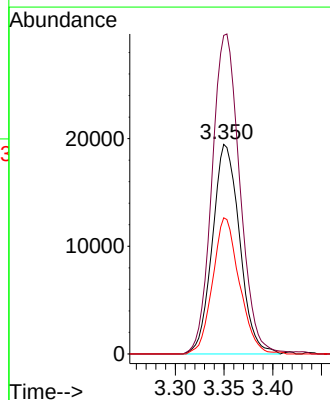
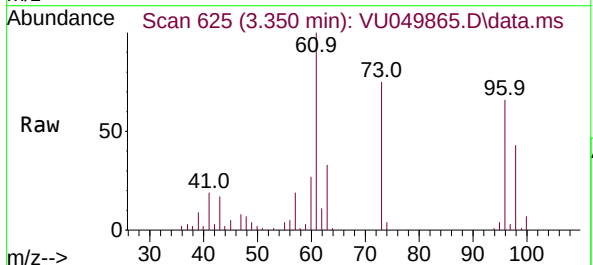
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

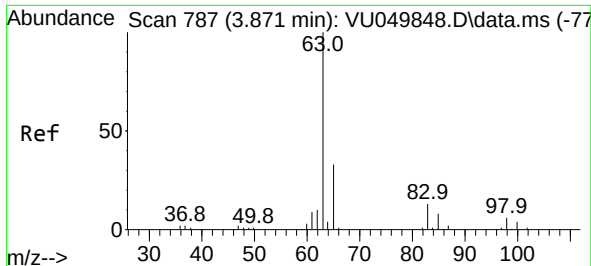
Tgt Ion: 73 Resp: 102283
Ion Ratio Lower Upper
73 100
43 21.0 17.4 26.2
57 23.6 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.000 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 96 Resp: 37819
Ion Ratio Lower Upper
96 100
61 152.0 101.5 188.5
98 64.9 42.5 78.9





#19

1,1-Dichloroethane

Concen: 4.969 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005128

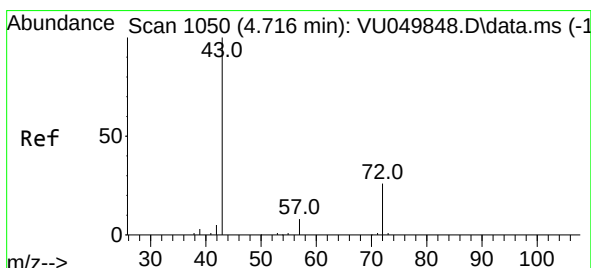
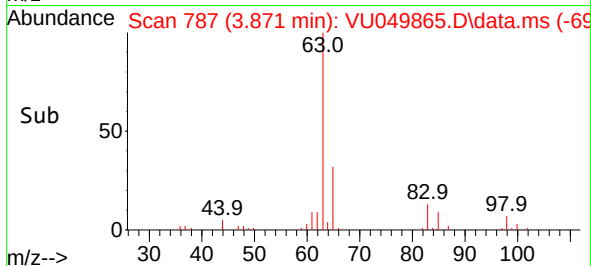
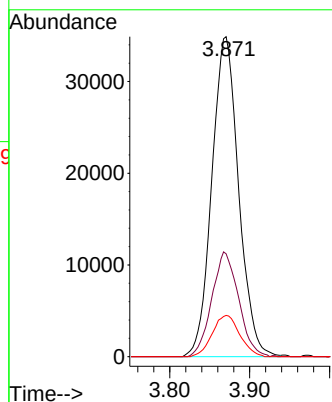
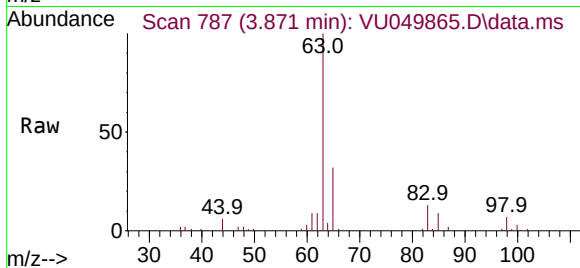
Tgt Ion: 63 Resp: 81229

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 12.9 8.3 15.5



#21

2-Butanone

Concen: 50.112 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VU049865.D

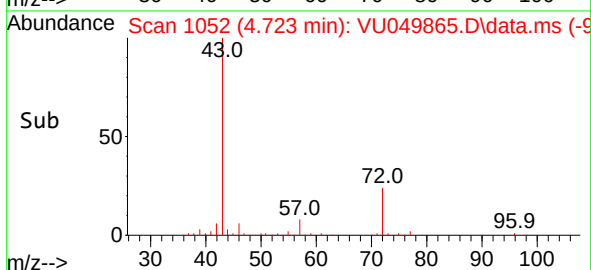
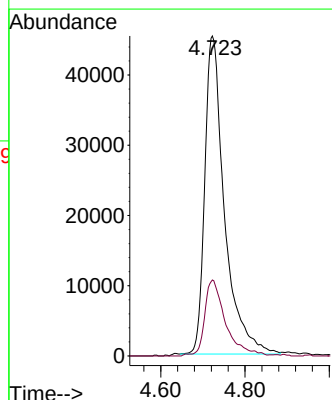
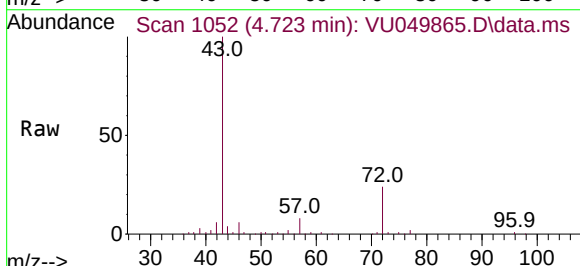
Acq: 25 Jul 2022 12:37

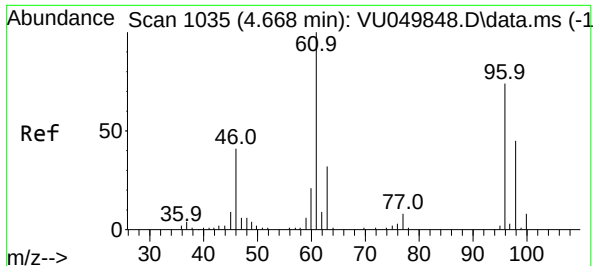
Tgt Ion: 43 Resp: 147471

Ion Ratio Lower Upper

43 100

72 24.5 11.9 35.5

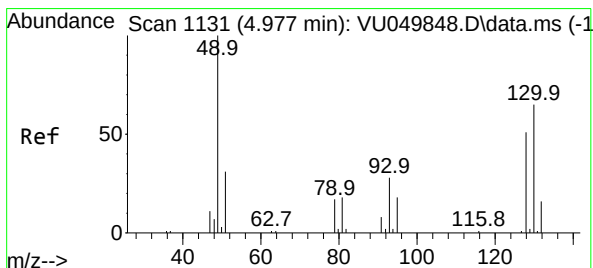
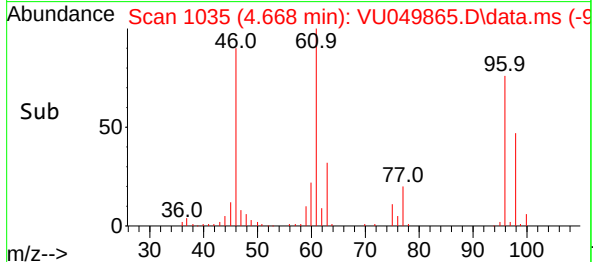
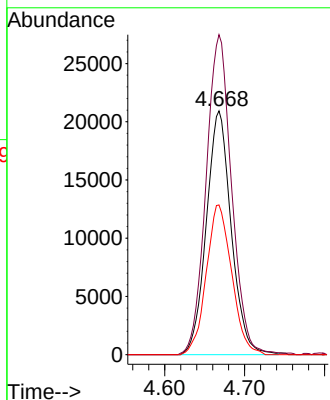
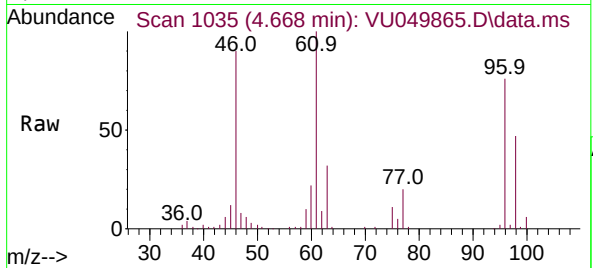




#22
cis-1,2-Dichloroethene
Concen: 5.175 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

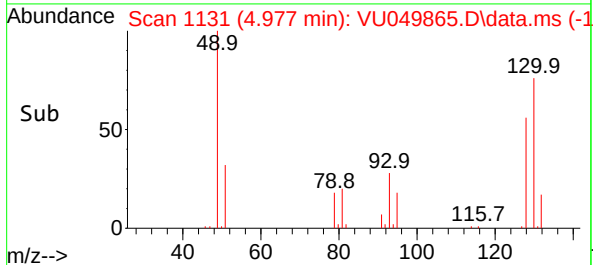
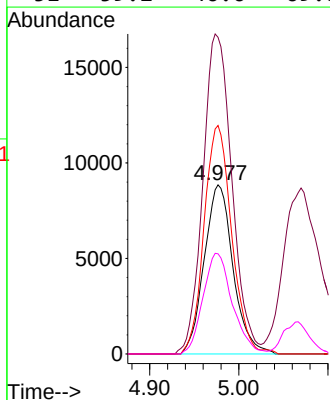
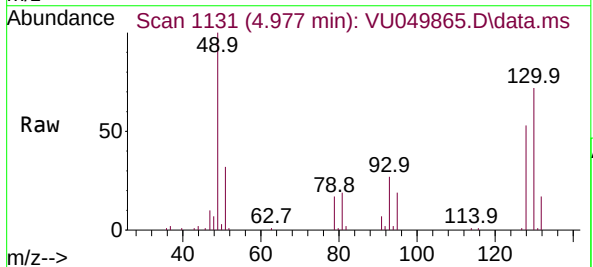
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

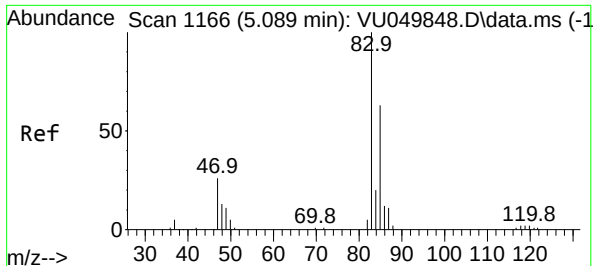
Tgt Ion: 96 Resp: 45337
Ion Ratio Lower Upper
96 100
61 131.2 93.9 174.3
98 61.4 43.9 81.5



#23
Bromochloromethane
Concen: 5.092 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 128 Resp: 19929
Ion Ratio Lower Upper
128 100
49 187.2 124.9 232.1
130 135.1 88.5 164.3
51 59.2 46.6 69.8





#25

Chloroform

Concen: 5.026 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

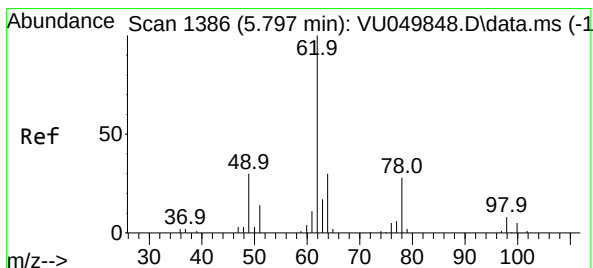
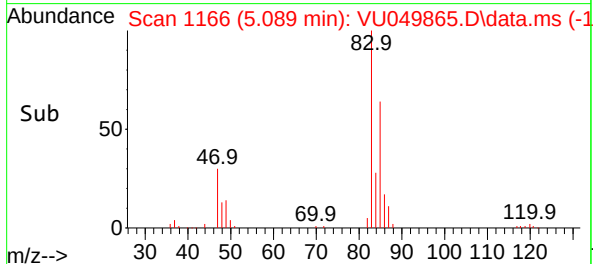
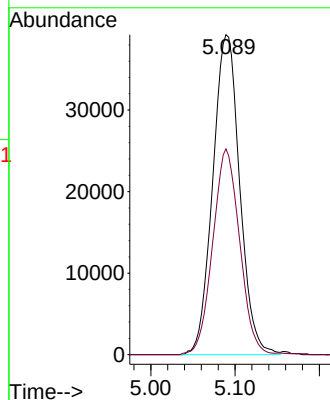
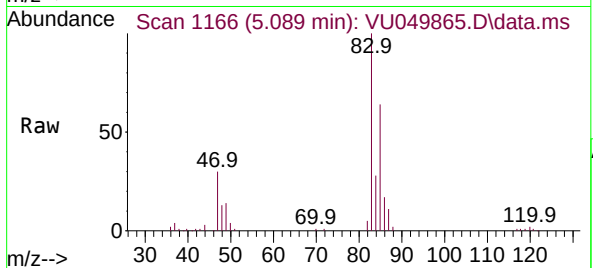
VSTD005128

Tgt Ion: 83 Resp: 87159

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.766 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049865.D

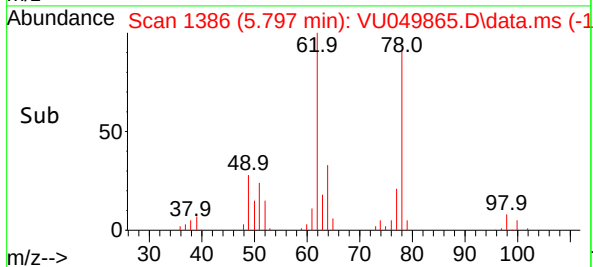
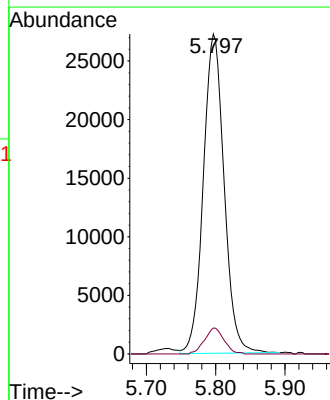
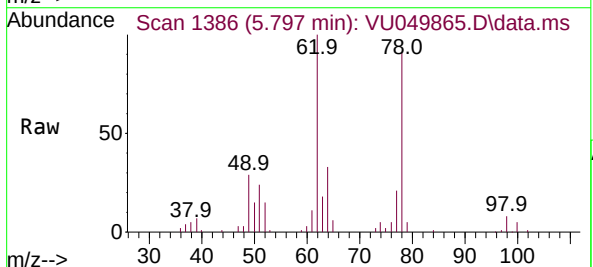
Acq: 25 Jul 2022 12:37

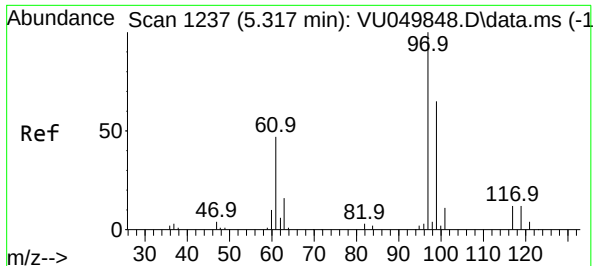
Tgt Ion: 62 Resp: 56769

Ion Ratio Lower Upper

62 100

98 8.1 5.9 8.9

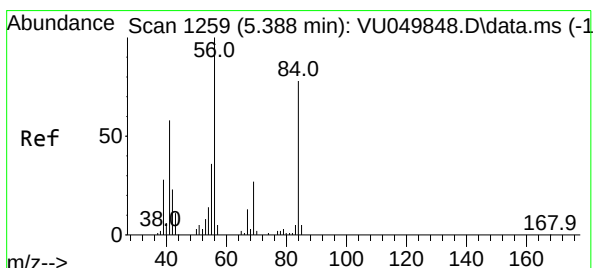
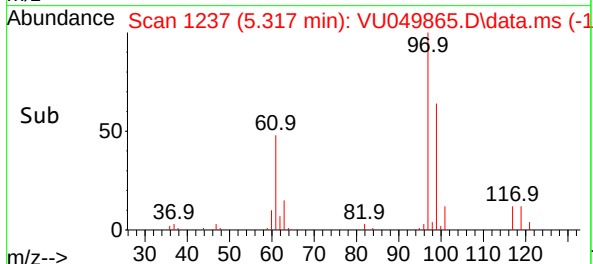
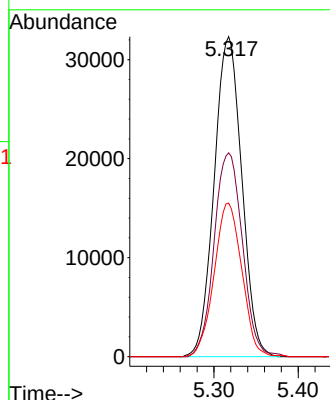
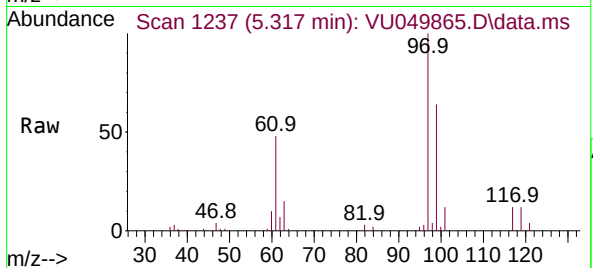




#29
1,1,1-Trichloroethane
Concen: 5.797 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

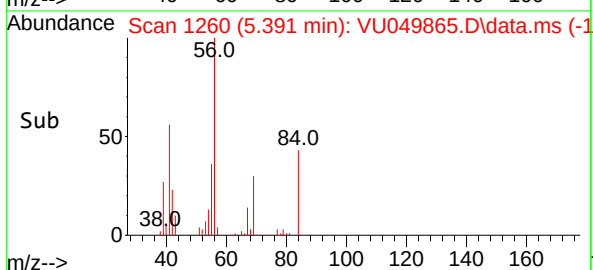
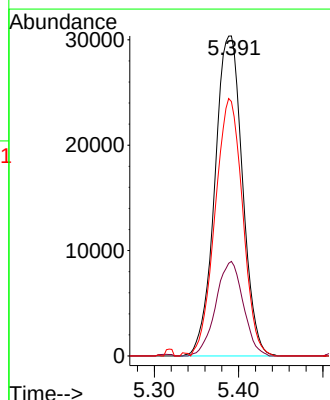
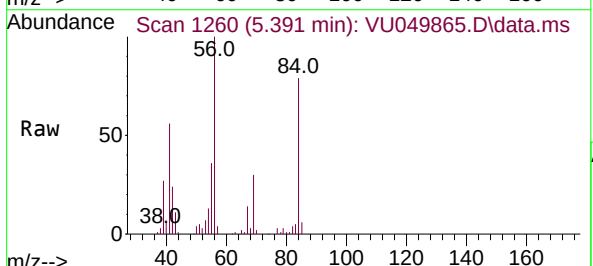
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

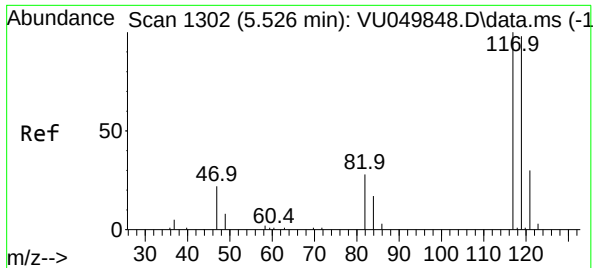
Tgt Ion:	97	Resp:	73539
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.8
61	48.1	38.3	57.5



#30
Cyclohexane
Concen: 6.732 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:	56	Resp:	69150
Ion	Ratio	Lower	Upper
56	100		
69	29.3	22.8	34.2
84	80.2	63.0	94.6

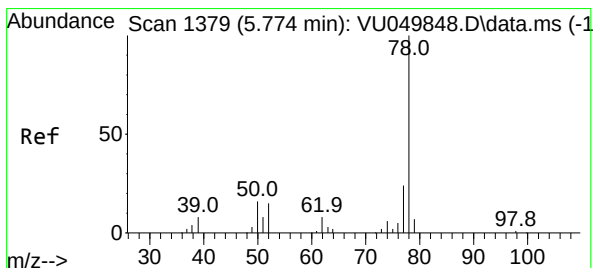
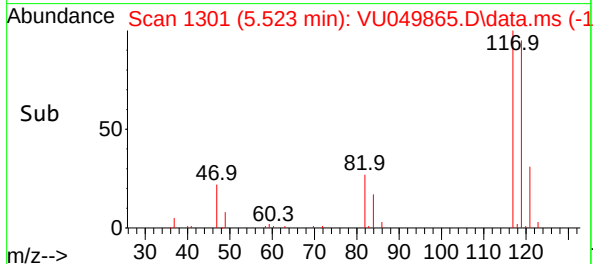
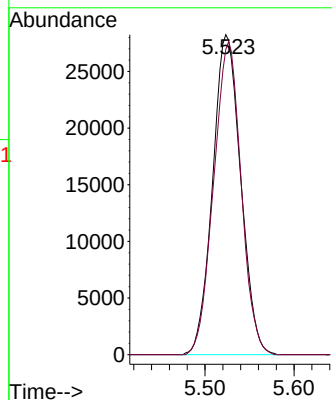
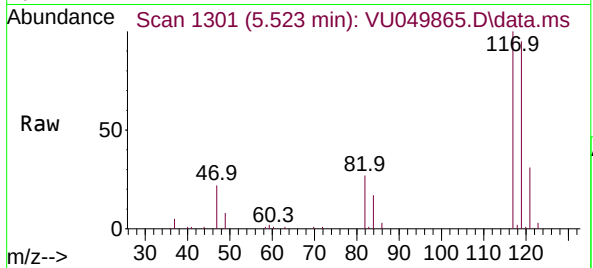




#31
Carbon tetrachloride
Concen: 6.000 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

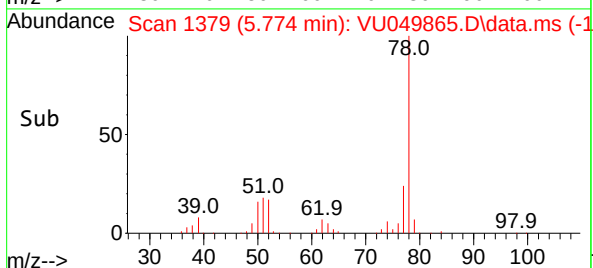
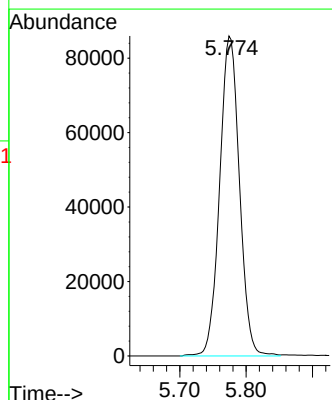
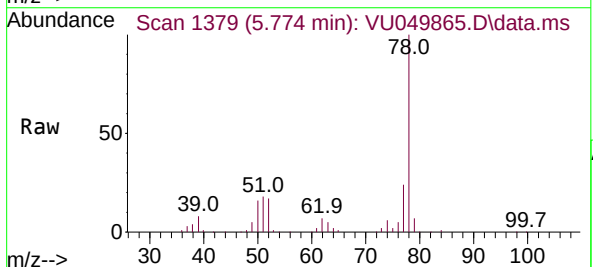
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

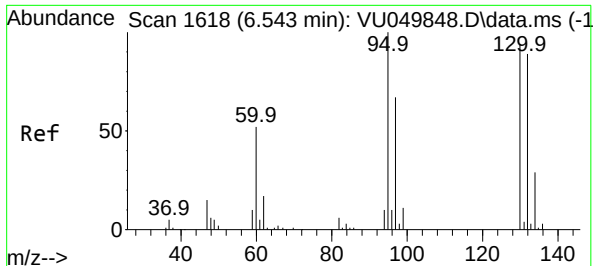
Tgt Ion:117 Resp: 61801
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8



#33
Benzene
Concen: 5.424 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 78 Resp: 177865



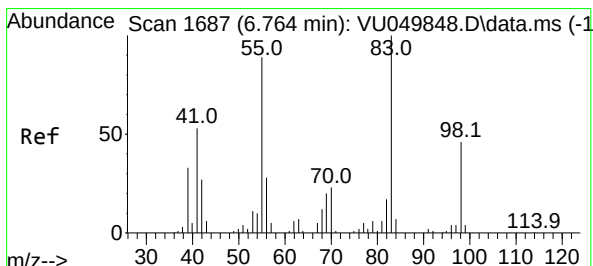
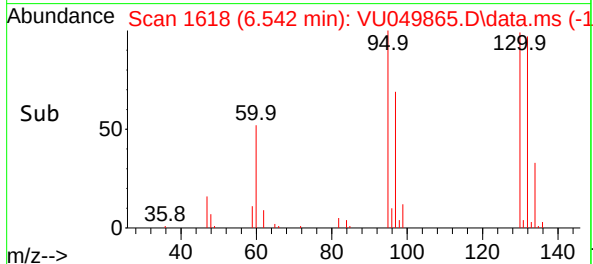
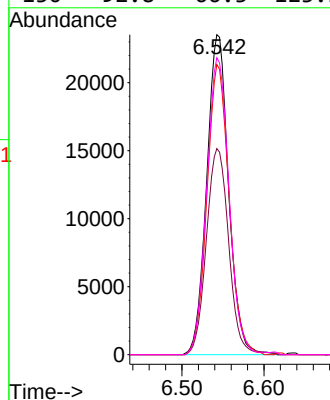
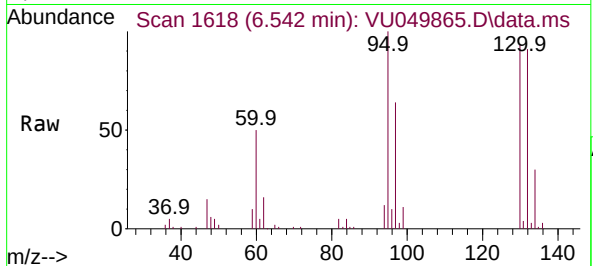


#34
Trichloroethene
Concen: 5.498 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

Tgt Ion: 95 Resp: 43711

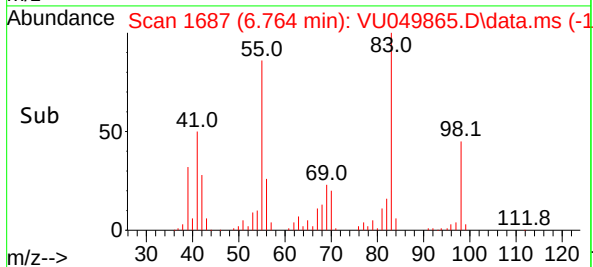
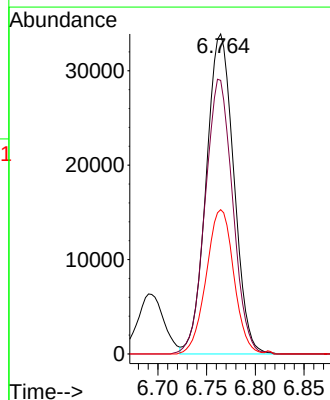
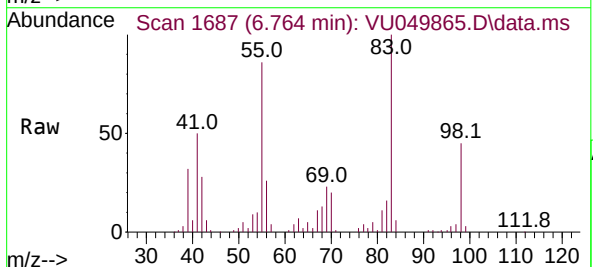
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.8	86.8
132	90.7	61.8	114.8
130	92.8	66.3	123.1

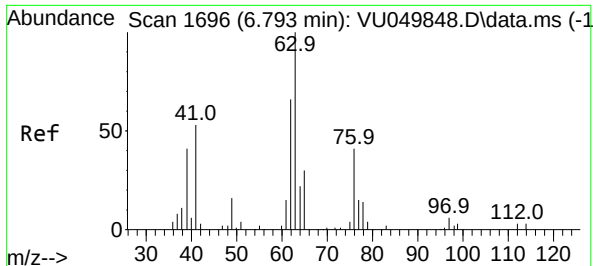


#35
Methylcyclohexane
Concen: 6.804 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 83 Resp: 66720

Ion	Ratio	Lower	Upper
83	100		
55	85.8	69.0	103.4
98	45.1	36.4	54.6





#37

1,2-Dichloropropane

Concen: 5.286 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

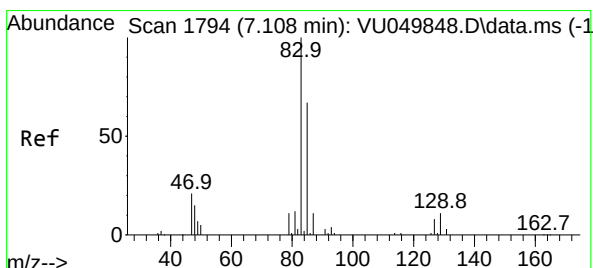
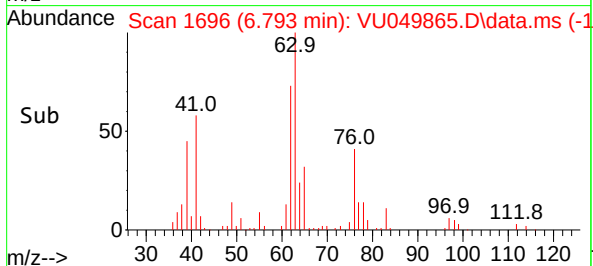
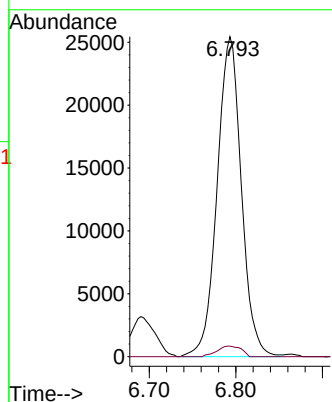
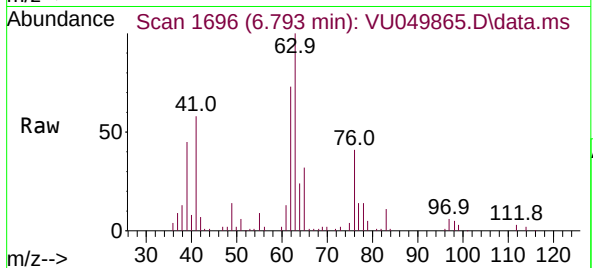
VSTD005128

Tgt Ion: 63 Resp: 49401

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 5.255 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

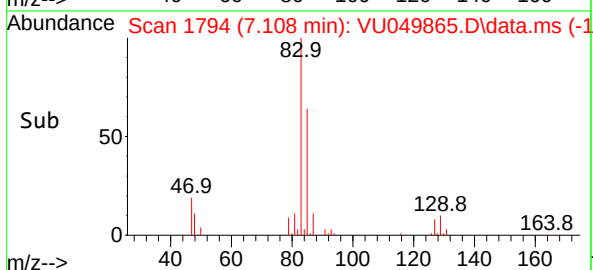
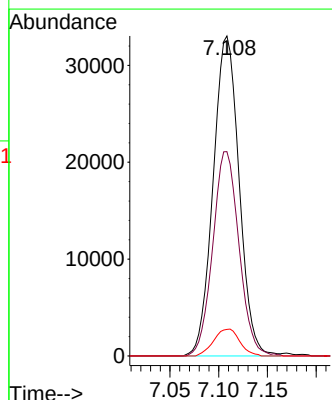
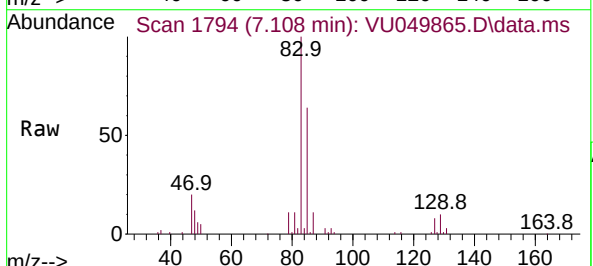
Tgt Ion: 83 Resp: 61355

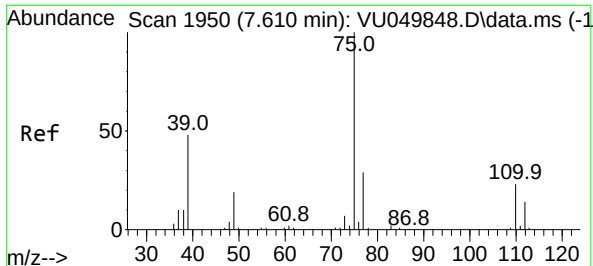
Ion Ratio Lower Upper

83 100

85 63.9 45.9 85.3

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.307 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

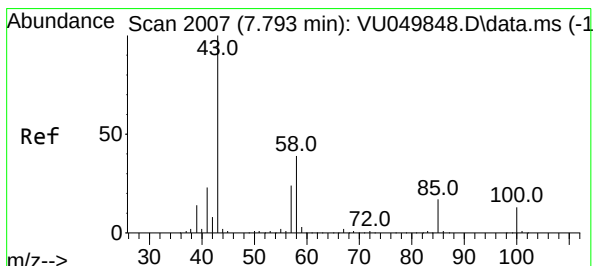
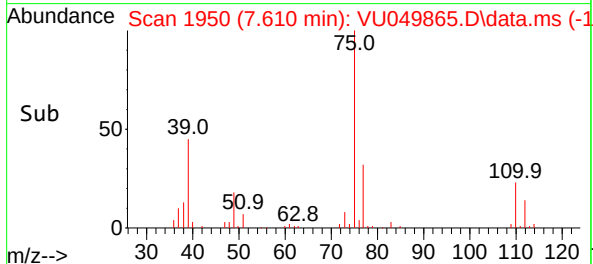
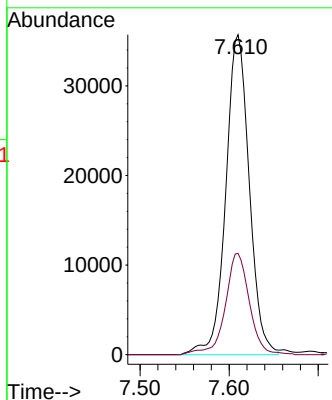
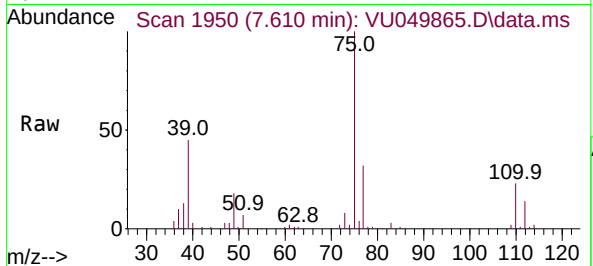
VSTD005128

Tgt Ion: 75 Resp: 65360

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 51.639 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

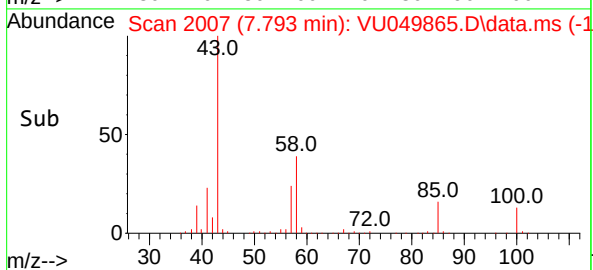
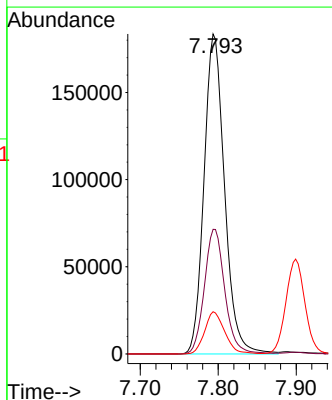
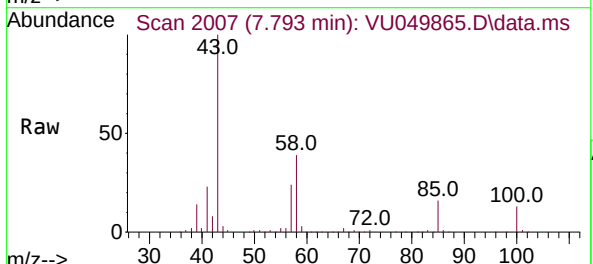
Tgt Ion: 43 Resp: 336614

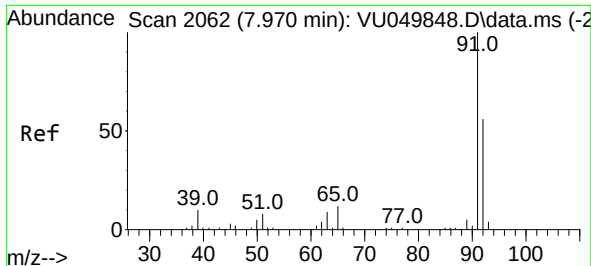
Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.4

100 12.9 10.4 15.6





#42

Toluene

Concen: 5.536 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

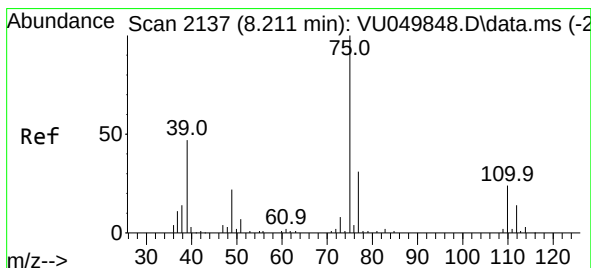
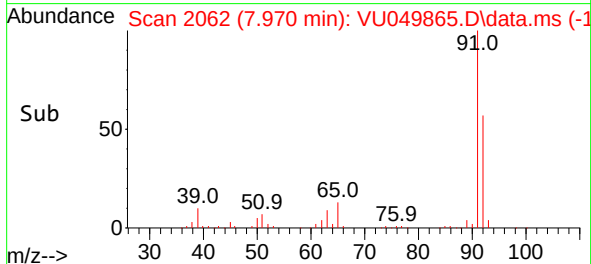
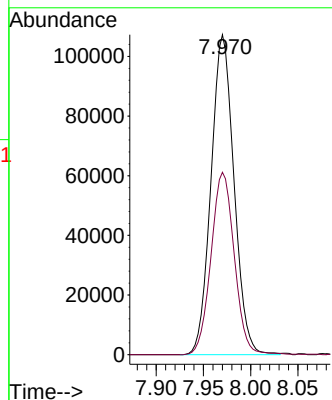
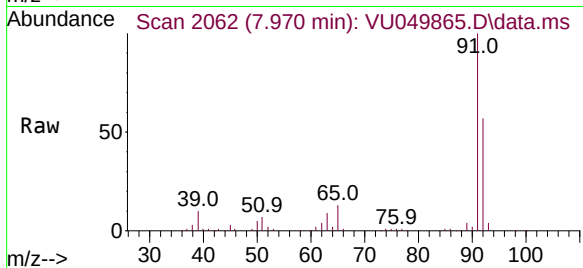
VSTD005128

Tgt Ion: 91 Resp: 181544

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.323 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049865.D

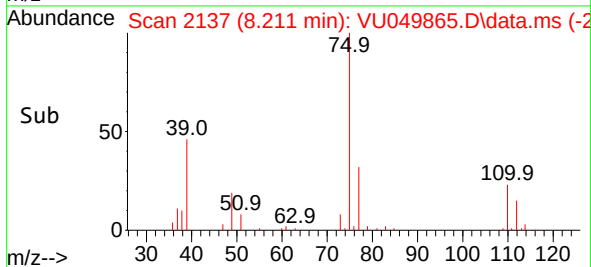
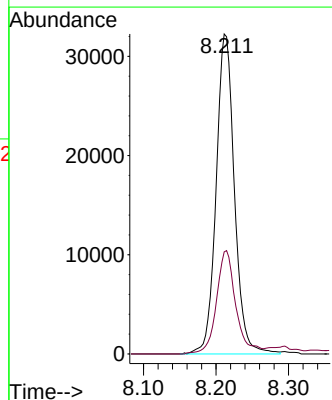
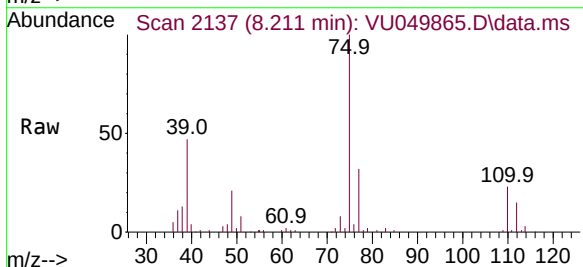
Acq: 25 Jul 2022 12:37

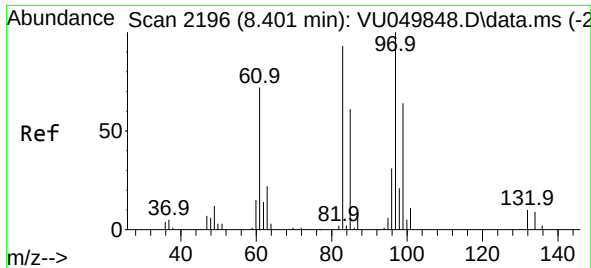
Tgt Ion: 75 Resp: 56598

Ion Ratio Lower Upper

75 100

77 31.9 21.2 39.4

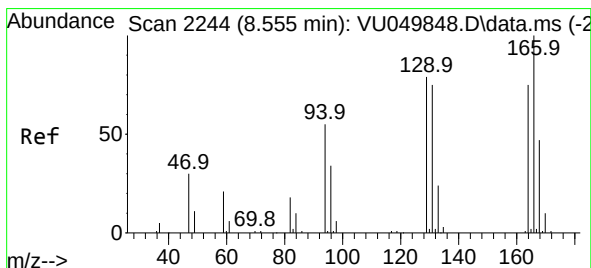
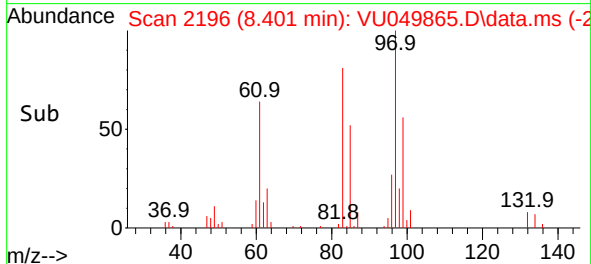
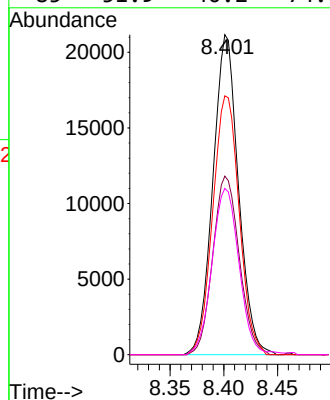
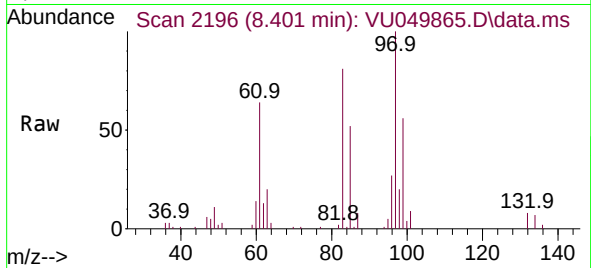




#45
1,1,2-Trichloroethane
Concen: 5.236 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

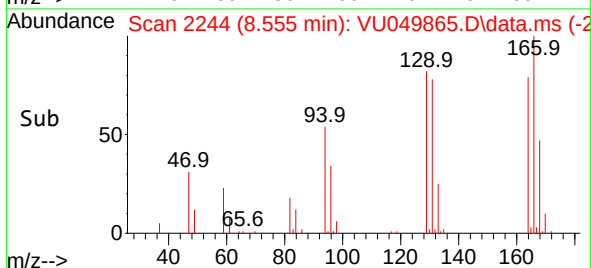
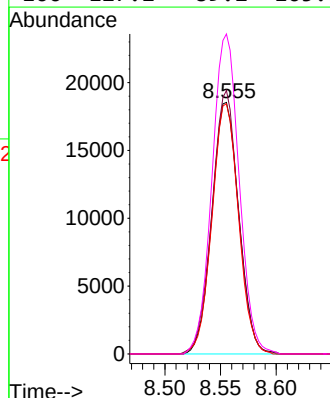
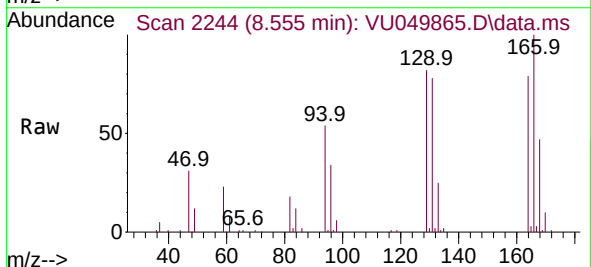
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

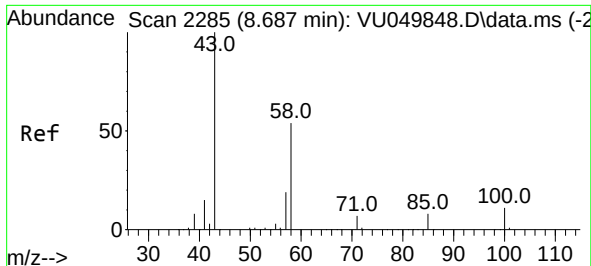
Tgt Ion:	97	Resp:	34922
Ion	Ratio	Lower	Upper
97	100		
99	55.8	43.8	81.3
83	80.9	62.4	115.8
85	51.9	40.2	74.6



#47
Tetrachloroethene
Concen: 5.724 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:	164	Resp:	31329
Ion	Ratio	Lower	Upper
164	100		
129	104.8	68.9	127.9
131	99.5	67.5	125.4
166	127.2	89.2	165.8



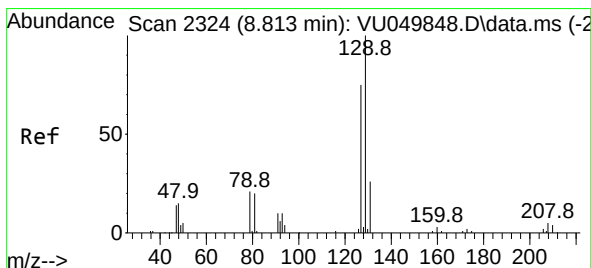
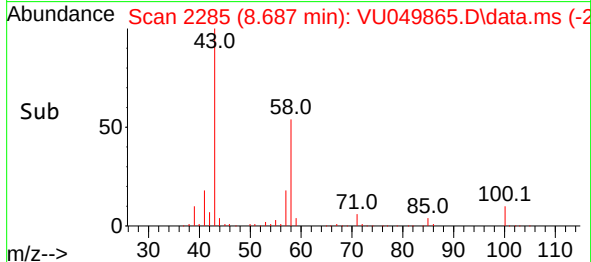
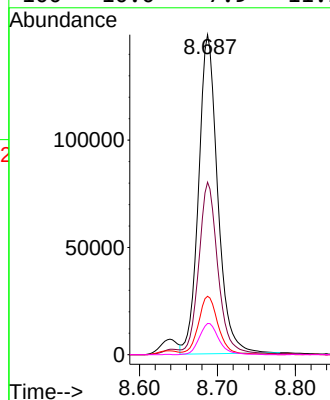
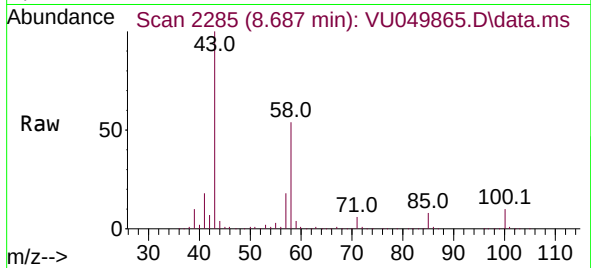


#48
2-Hexanone
Concen: 52.146 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

Tgt Ion: 43 Resp: 253701

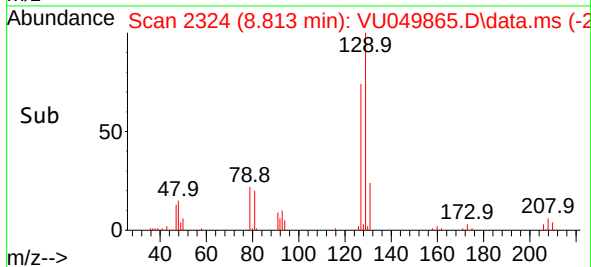
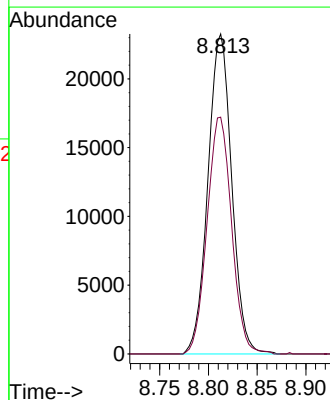
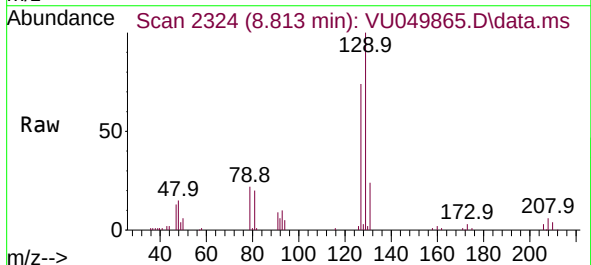
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.1	63.1
57	18.8	14.3	21.5
100	10.0	7.9	11.9

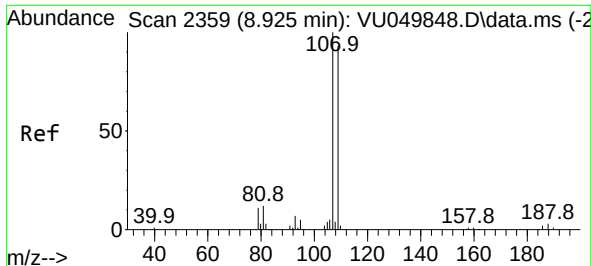


#49
Dibromochloromethane
Concen: 5.304 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 129 Resp: 39539

Ion	Ratio	Lower	Upper
129	100		
127	74.0	50.5	93.7

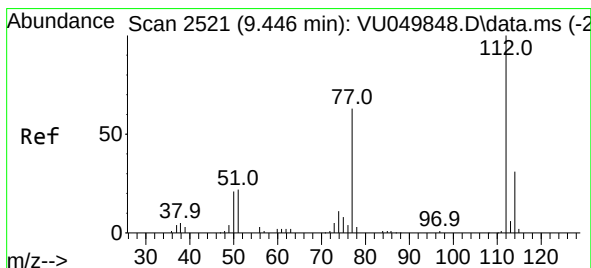
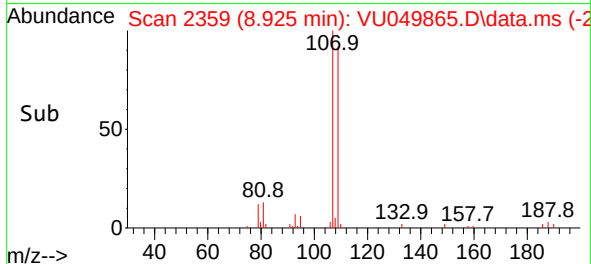
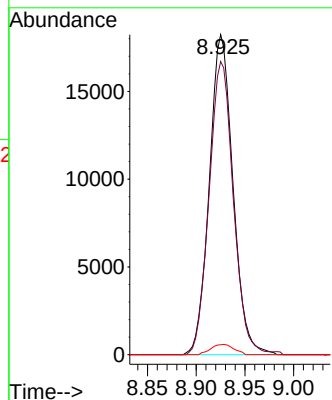
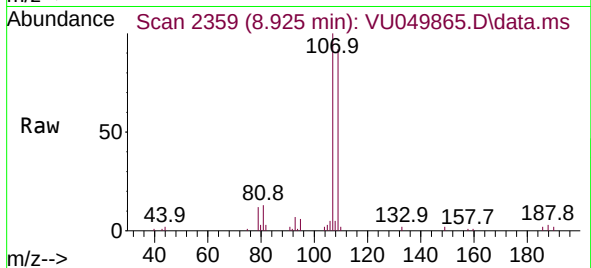




#50
1,2-Dibromoethane
Concen: 5.196 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

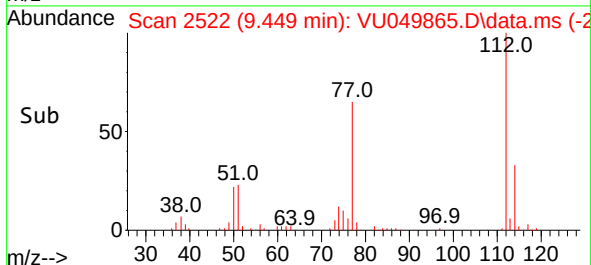
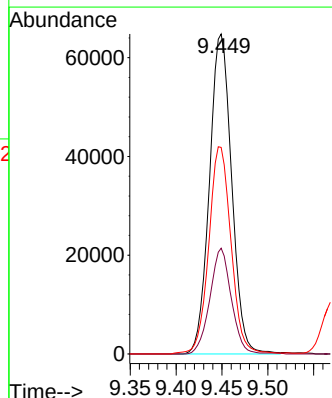
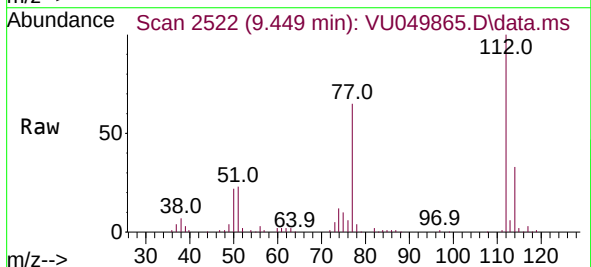
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

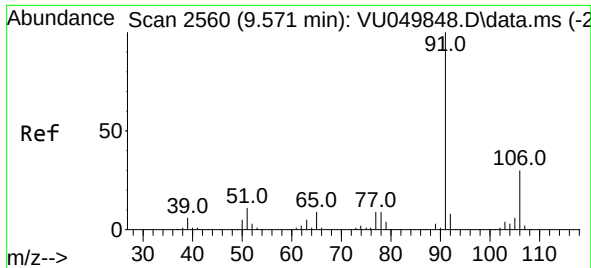
Tgt Ion:107 Resp: 30777
Ion Ratio Lower Upper
107 100
109 91.6 65.6 121.8
188 3.1 2.8 4.2



#51
Chlorobenzene
Concen: 5.247 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:112 Resp: 109251
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 64.5 51.2 76.8

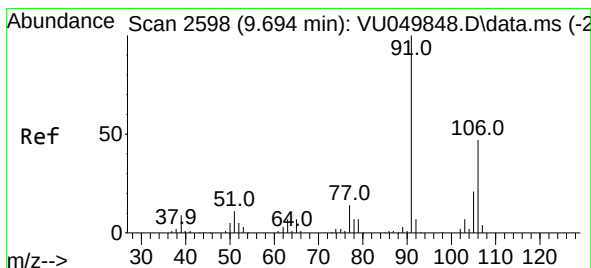
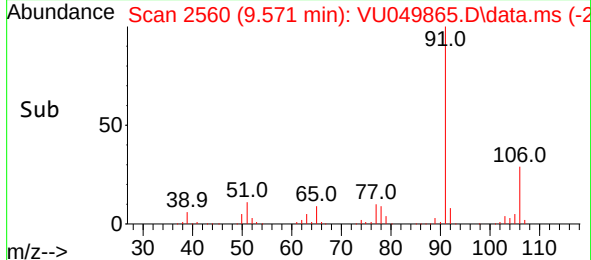
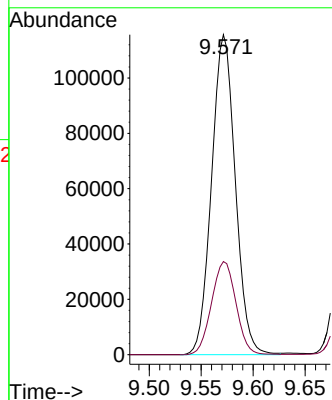
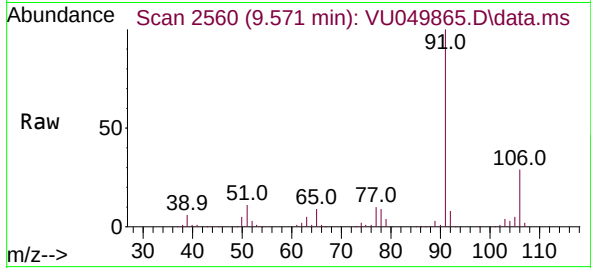




#52
Ethylbenzene
Concen: 5.451 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

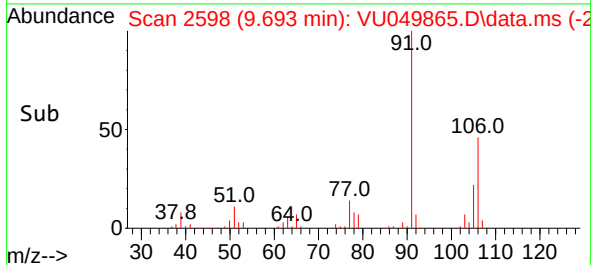
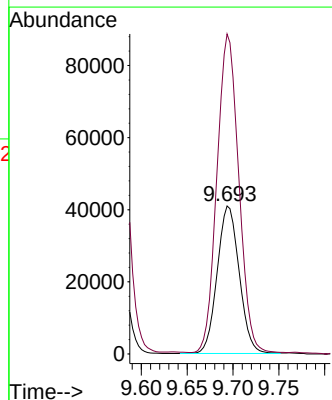
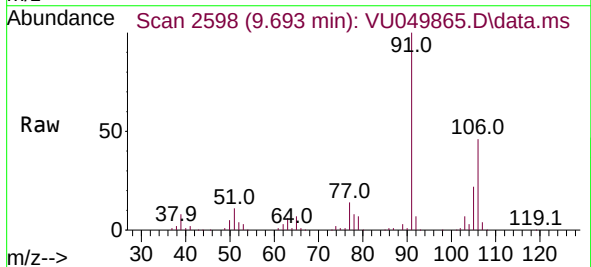
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

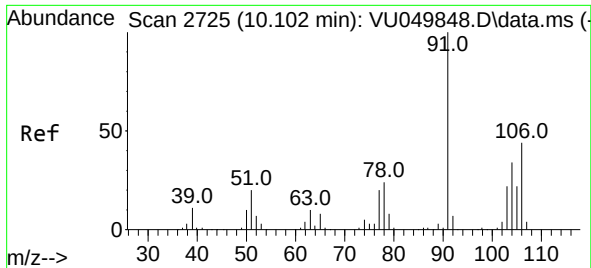
Tgt Ion: 91 Resp: 183815
Ion Ratio Lower Upper
91 100
106 29.1 20.6 38.4



#53
m,p-Xylene
Concen: 5.502 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion: 106 Resp: 68248
Ion Ratio Lower Upper
106 100
91 216.2 149.7 277.9

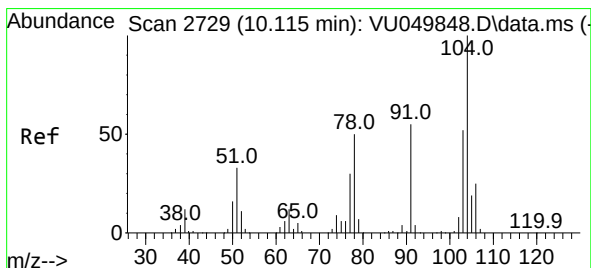
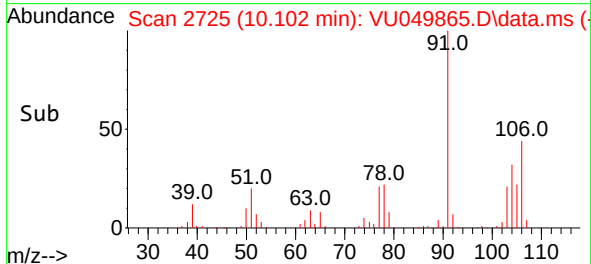
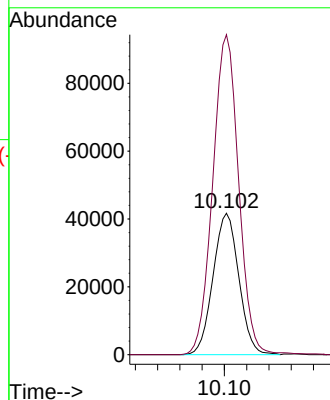
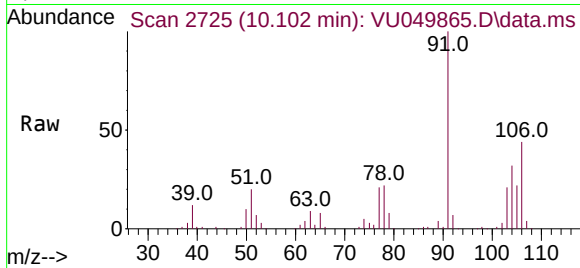




#54
o-Xylene
Concen: 5.461 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

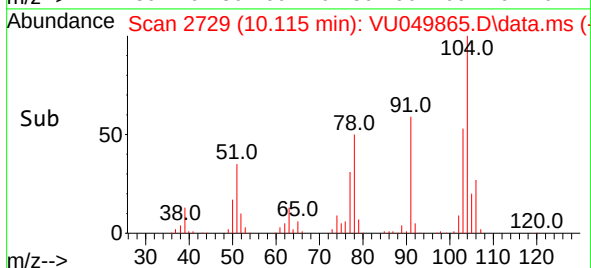
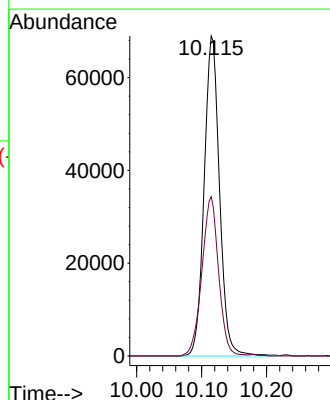
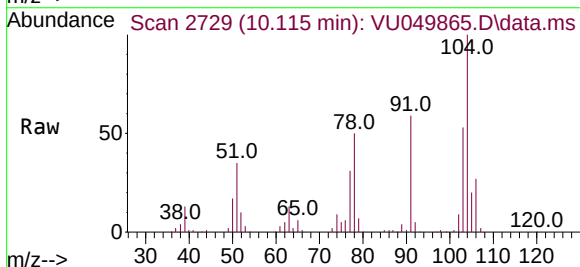
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

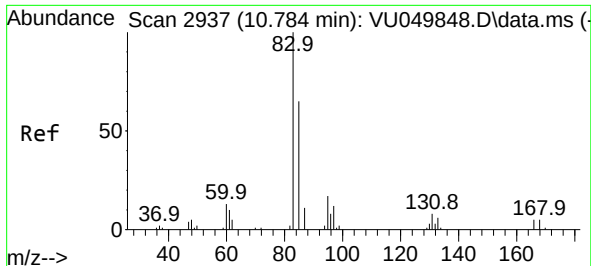
Tgt Ion:106 Resp: 66936
Ion Ratio Lower Upper
106 100
91 226.1 159.4 296.0



#55
Styrene
Concen: 5.474 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:104 Resp: 113650
Ion Ratio Lower Upper
104 100
78 49.8 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.103 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005128

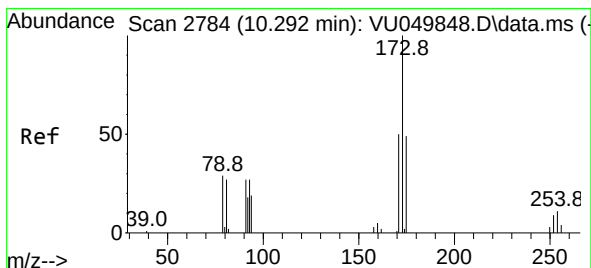
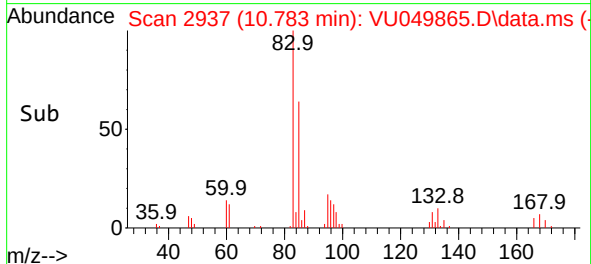
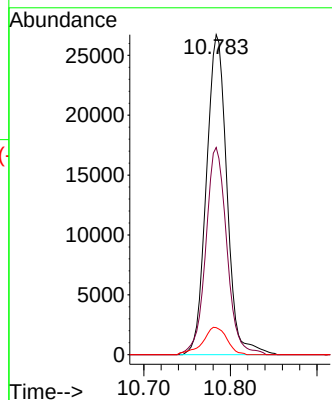
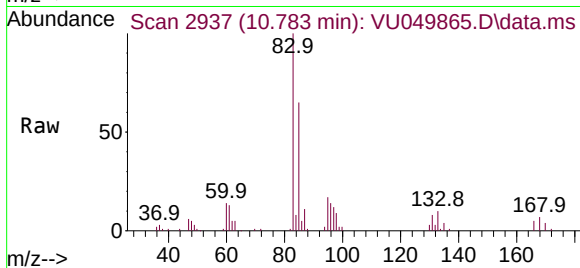
Tgt Ion: 83 Resp: 43967

Ion Ratio Lower Upper

83 100

85 64.7 47.9 89.1

131 8.4 7.3 10.9



#59

Bromoform

Concen: 5.307 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

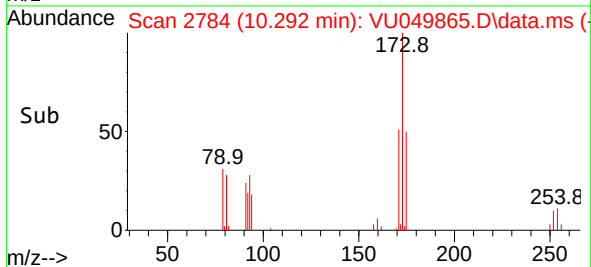
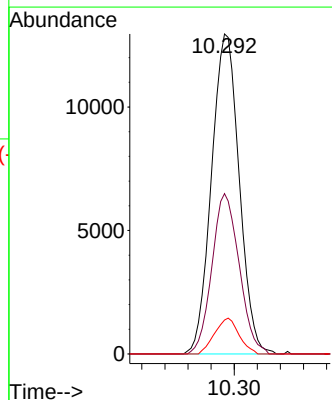
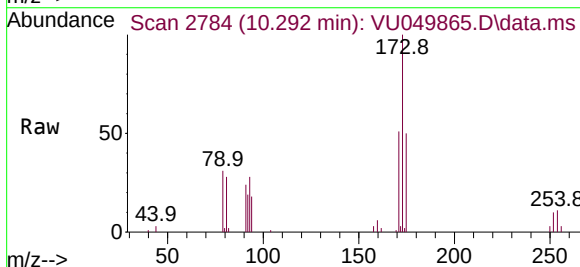
Tgt Ion:173 Resp: 21575

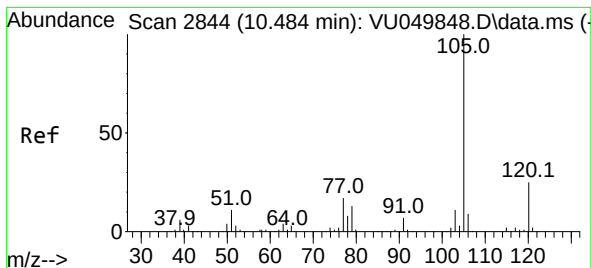
Ion Ratio Lower Upper

173 100

175 49.3 39.5 59.3

254 9.8 7.5 11.3





#60

Isopropylbenzene

Concen: 5.946 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005128

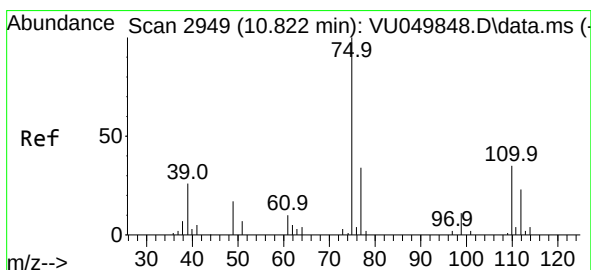
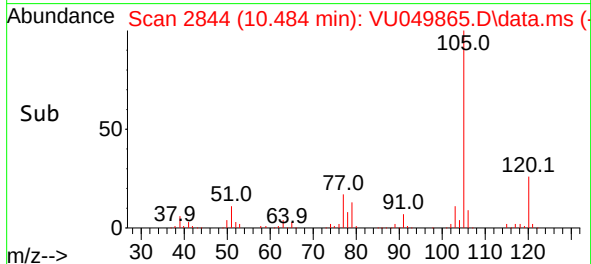
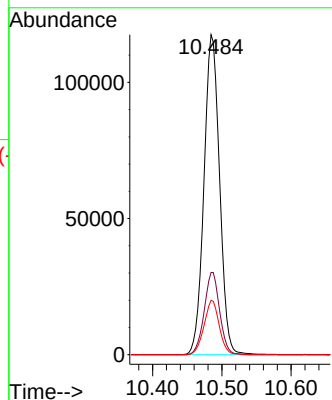
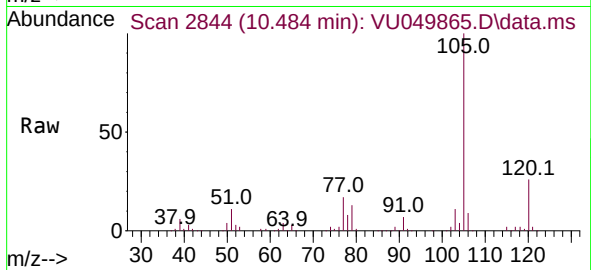
Tgt Ion:105 Resp: 183728

Ion Ratio Lower Upper

105 100

120 25.3 20.4 30.6

77 16.6 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 5.126 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

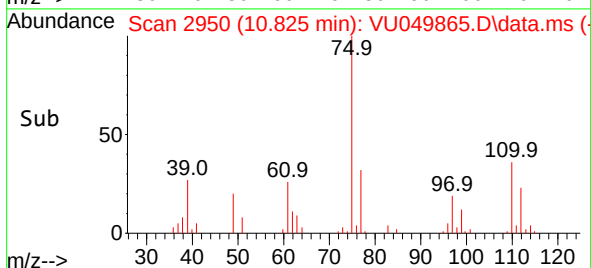
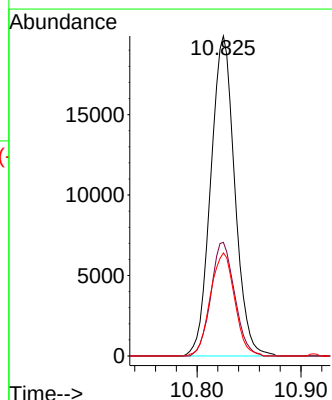
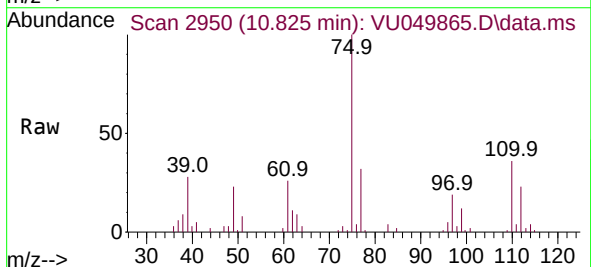
Tgt Ion: 75 Resp: 31899

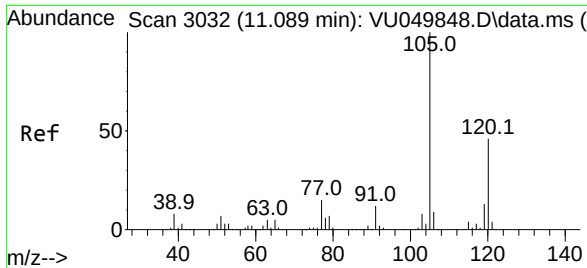
Ion Ratio Lower Upper

75 100

110 35.1 28.0 42.0

77 32.6 25.4 38.2

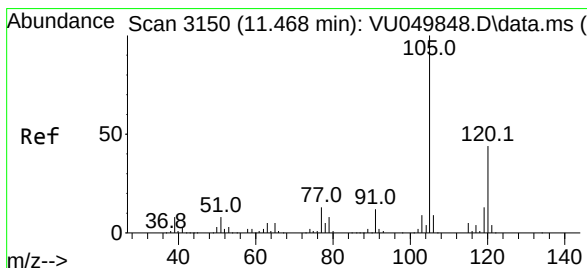
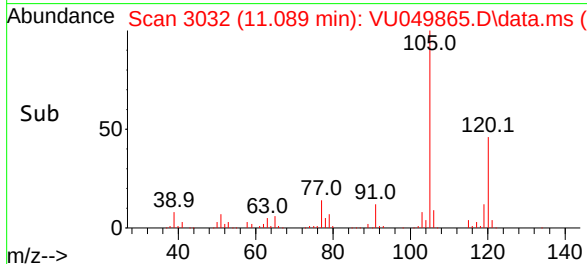
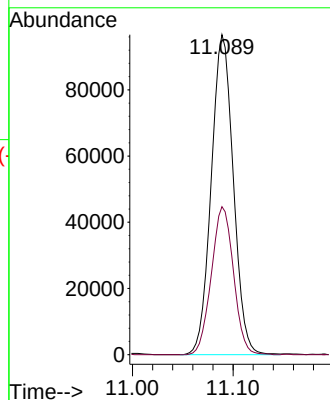
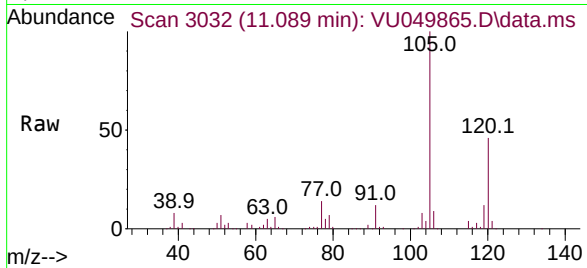




#62
 1,3,5-Trimethylbenzene
 Concen: 5.648 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049865.D
 Acq: 25 Jul 2022 12:37

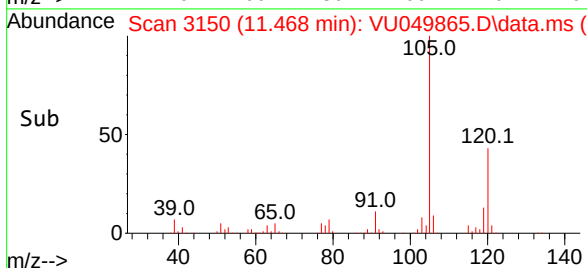
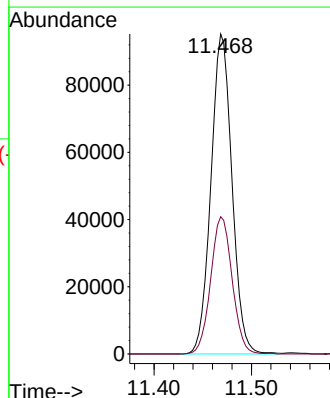
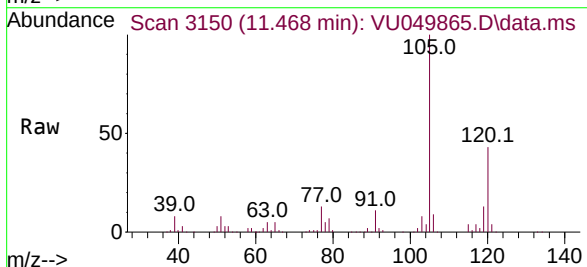
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

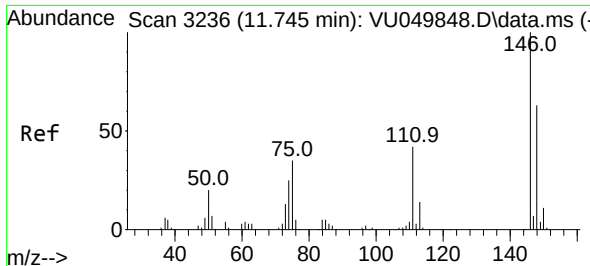
Tgt Ion:105 Resp: 147452
 Ion Ratio Lower Upper
 105 100
 120 46.4 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 5.635 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049865.D
 Acq: 25 Jul 2022 12:37

Tgt Ion:105 Resp: 142811
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.2 51.4

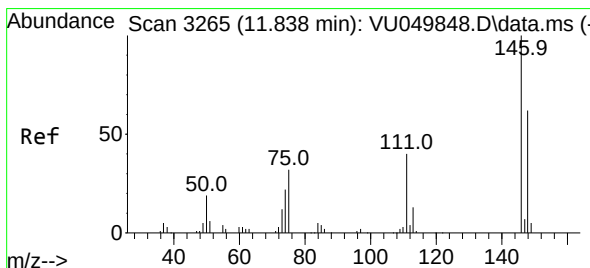
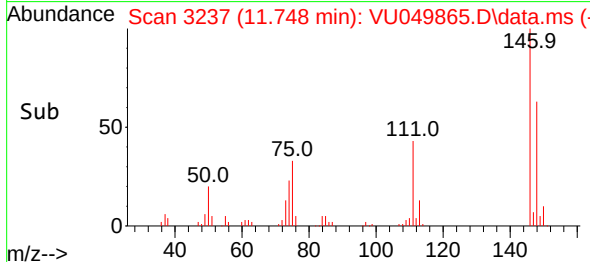
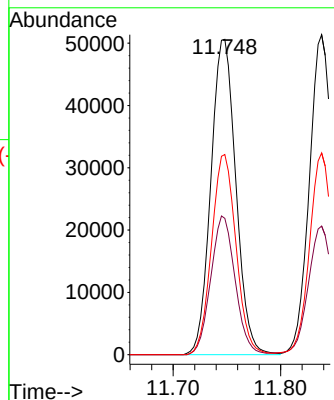
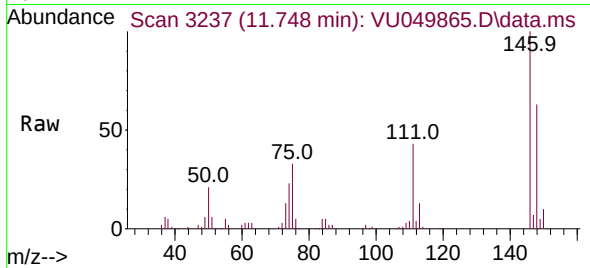




#64
1,3-Dichlorobenzene
Concen: 5.354 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

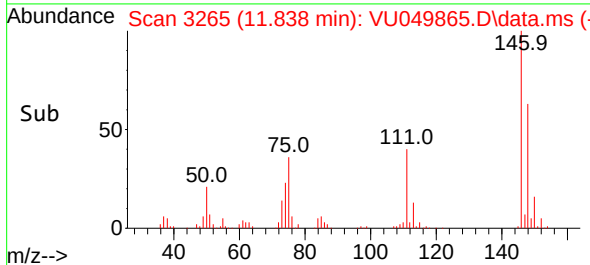
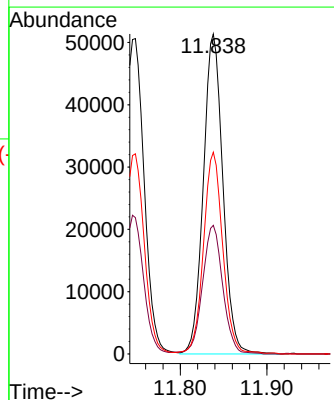
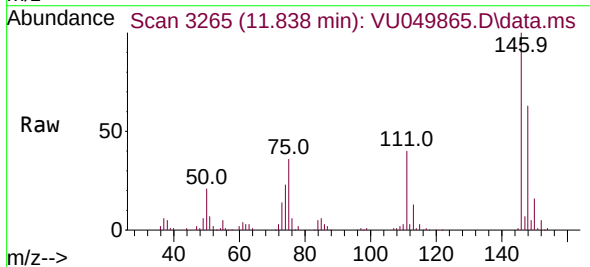
Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

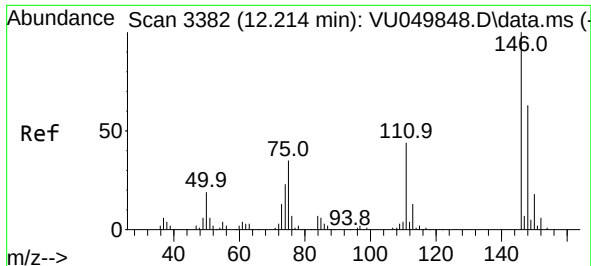
Tgt Ion:146 Resp: 81799
Ion Ratio Lower Upper
146 100
111 43.2 30.0 55.8
148 63.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.330 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:146 Resp: 80564
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.7
148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.179 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005128

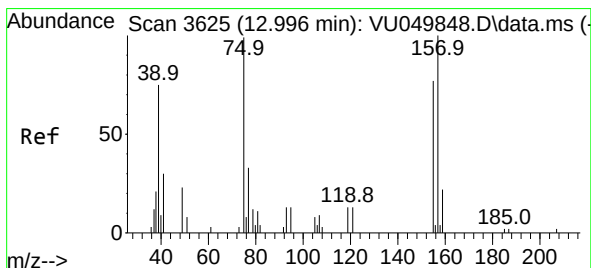
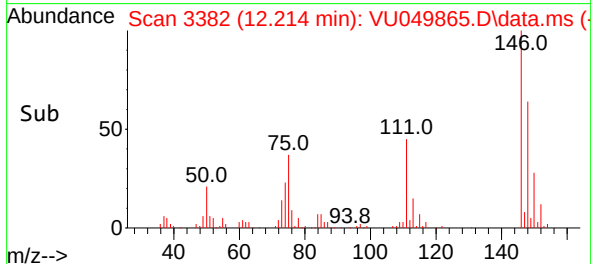
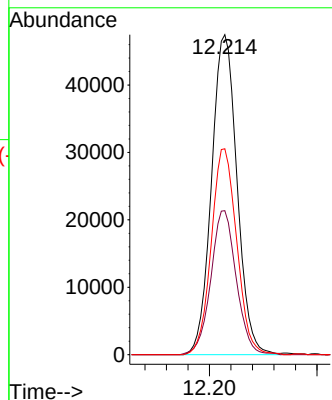
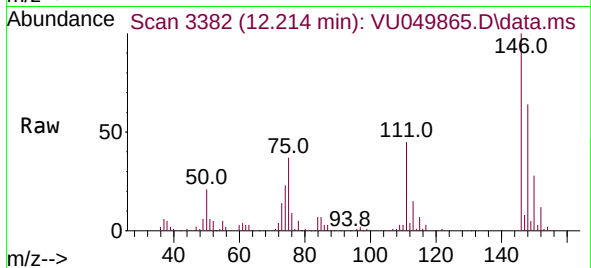
Tgt Ion:146 Resp: 78170

Ion Ratio Lower Upper

146 100

111 45.0 35.8 53.8

148 64.4 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.087 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

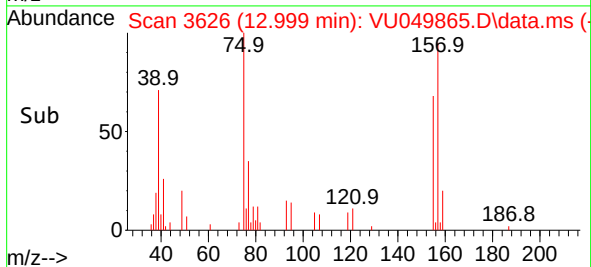
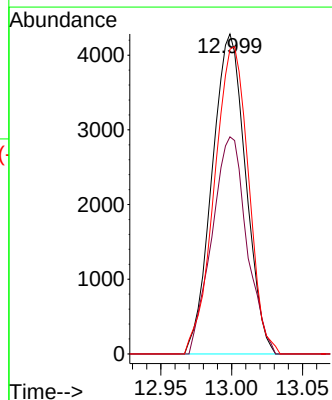
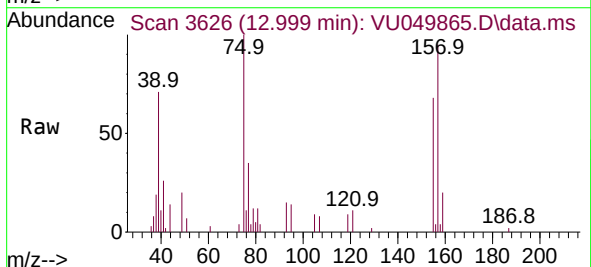
Tgt Ion: 75 Resp: 7081

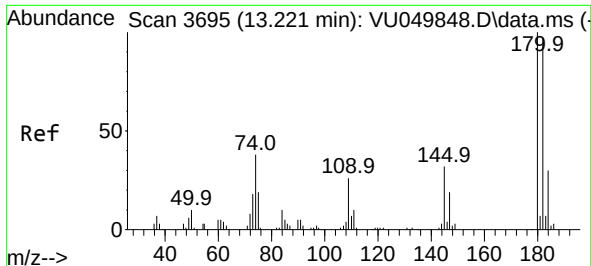
Ion Ratio Lower Upper

75 100

155 67.9 60.4 90.6

157 95.2 70.0 105.0





#69

1,3,5-Trichlorobenzene

Concen: 5.260 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU049865.D

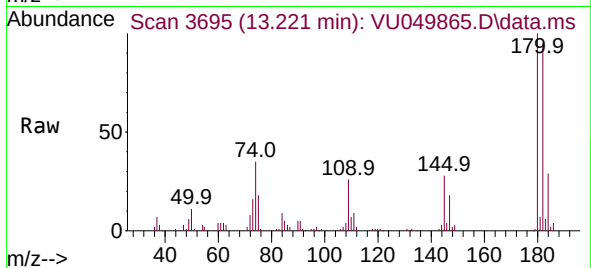
Acq: 25 Jul 2022 12:37

Instrument :

MSVOA_U

ClientSampleId :

VSTD005128



Tgt Ion:180 Resp: 59325

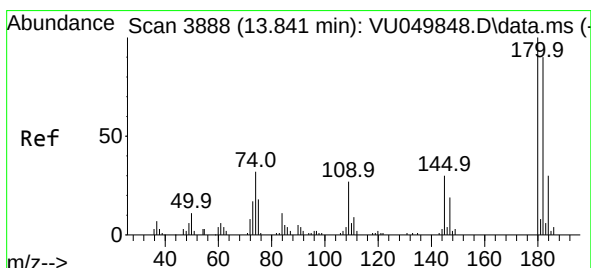
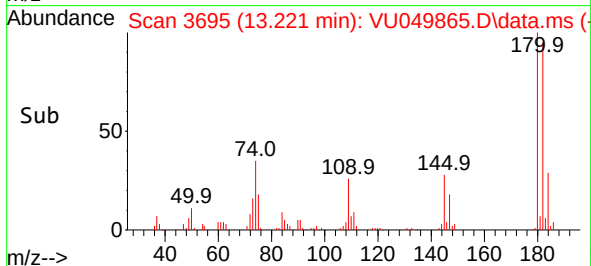
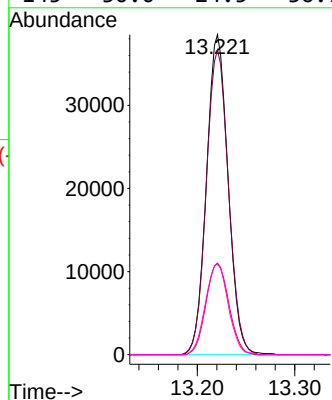
Ion Ratio Lower Upper

180 100

182 97.7 77.2 115.8

184 30.3 25.3 37.9

145 30.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 5.067 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049865.D

Acq: 25 Jul 2022 12:37

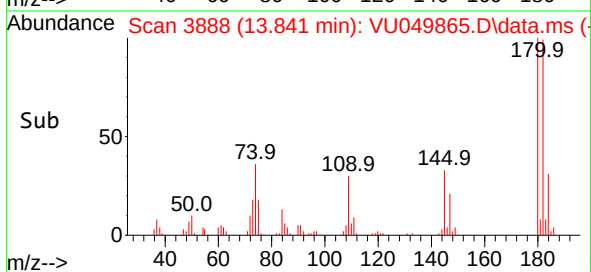
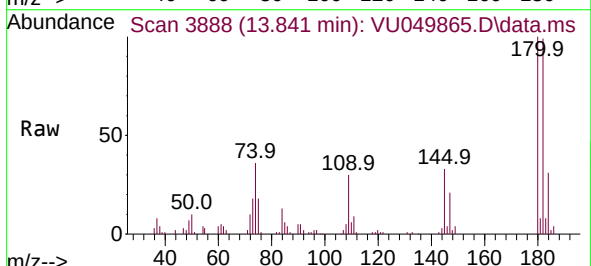
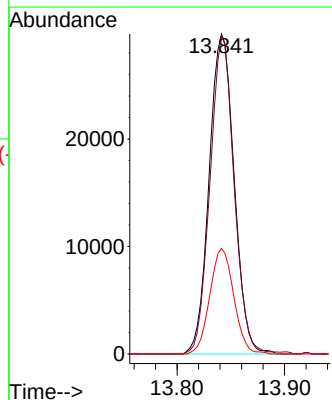
Tgt Ion:180 Resp: 47989

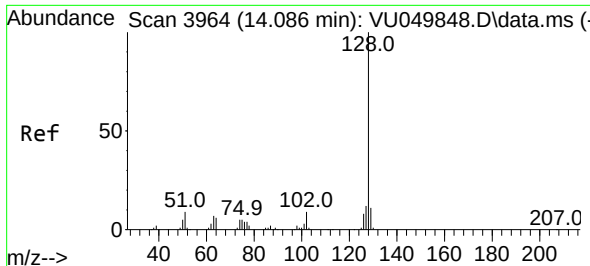
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 31.7 26.1 39.1

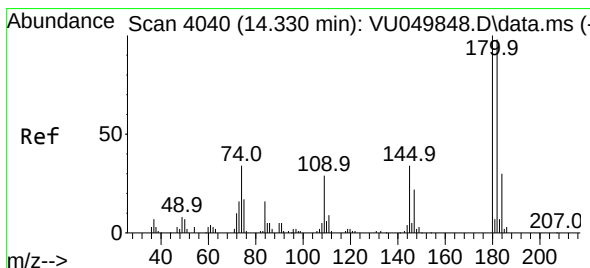
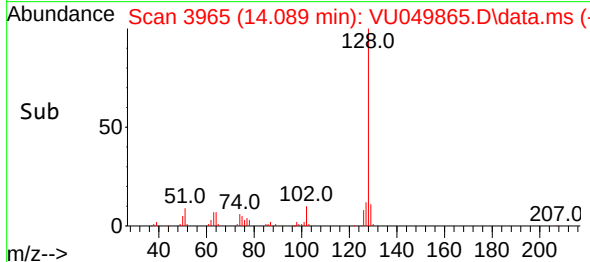
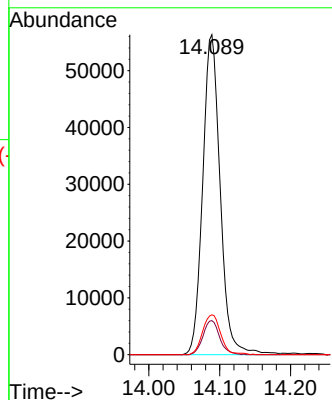
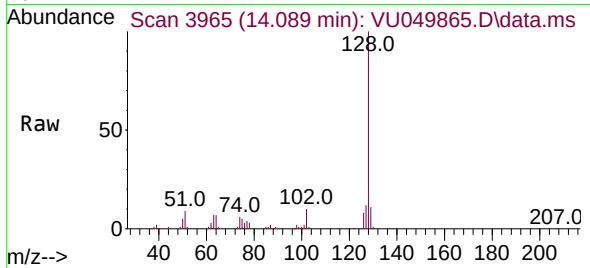




#71
Naphthalene
Concen: 5.228 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Instrument :
MSVOA_U
ClientSampleId :
VSTD005128

Tgt Ion:128	Resp:	96527
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.2 12.4
127	12.9	11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049865.D
Acq: 25 Jul 2022 12:37

Tgt Ion:180	Resp:	47712
Ion Ratio	Lower	Upper
180	100	
182	93.6	73.9 110.9
145	33.3	27.8 41.6

