

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072522\
 Data File : U049880.D
 Acq On : 25 Jul 2022 20:31
 Operator : SY/MD
 Sample : VSTDCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Jul 26 06:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91512	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36563	4.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.909	69	33547	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.562	65	17260	4.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.645	46	151023	53.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	5.063	84	86469	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.703	65	49171	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.726	84	158015	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.690	67	54284	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.899	98	138750	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.179	79	17336	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.636	63	85342	55.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46896	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	46589	5.131	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54601	5.308	ug/L	100
3) Chloromethane	1.520	50	53456	4.224	ug/L	98
5) Vinyl chloride	1.601	62	46841	4.426	ug/L	100
6) Bromomethane	1.855	94	23286	4.069	ug/L	100
8) Chloroethane	1.932	64	27005	4.428	ug/L	99
9) Trichlorofluoromethane	2.134	101	65641	5.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	34946	5.492	ug/L	95
12) 1,1-Dichloroethene	2.575	96	30804	4.784	ug/L	93
13) Acetone	2.658	43	72304	42.351	ug/L	97
14) Carbon disulfide	2.790	76	91026	4.570	ug/L	100
15) Methyl Acetate	2.964	43	18009	4.231	ug/L	100
16) Methylene chloride	3.044	84	49987	3.442	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	87257	4.183	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	31087	4.177	ug/L	92
19) 1,1-Dichloroethane	3.867	63	70325	4.372	ug/L	98
21) 2-Butanone	4.723	43	124998	43.169	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	36905	4.281	ug/L	98
23) Bromochloromethane	4.973	128	17191	4.465	ug/L	97
25) Chloroform	5.089	83	72321	4.238	ug/L	99

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Jul 26 06:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

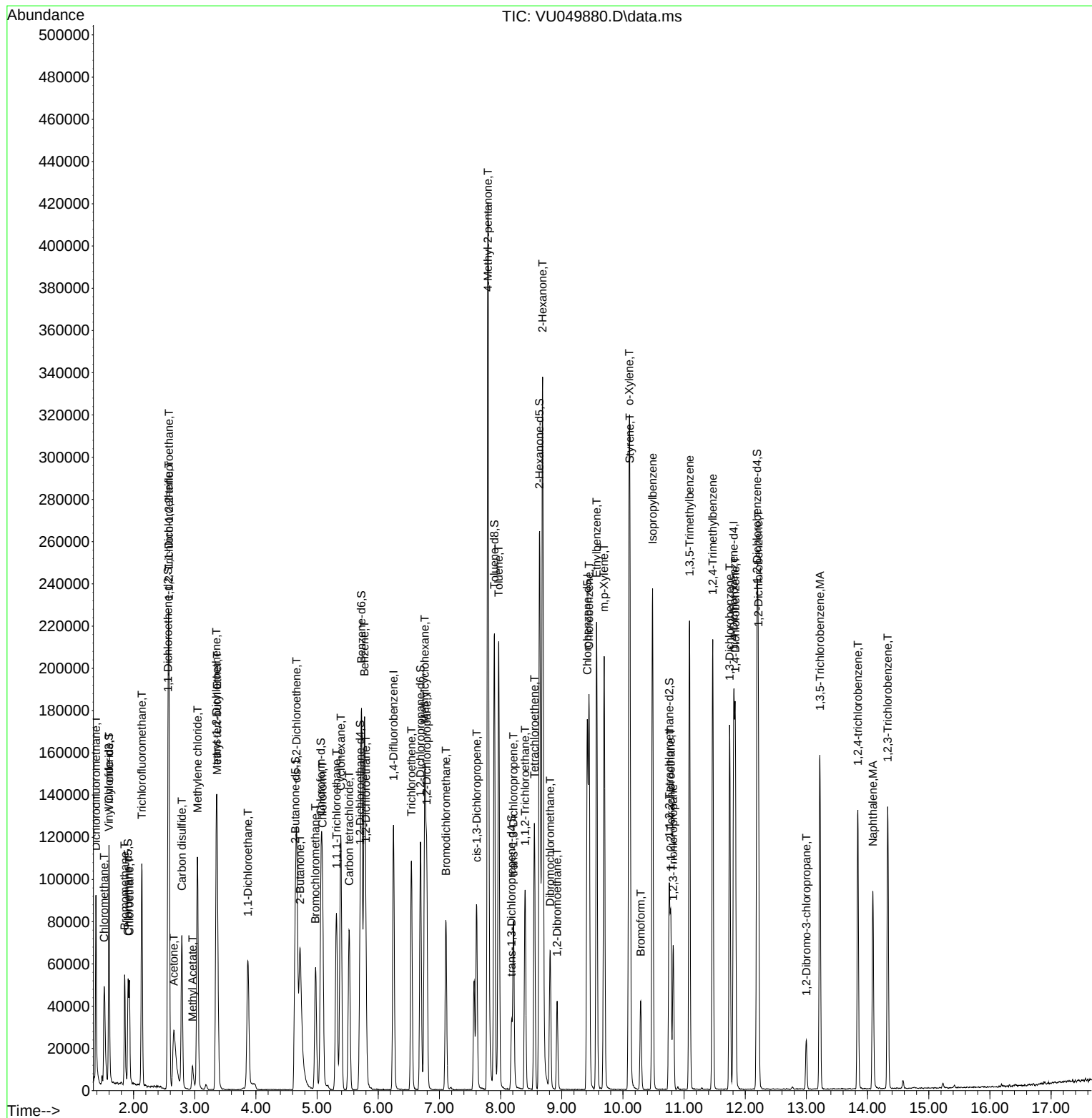
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	49927	4.260	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	61308	4.772	ug/L	98
30) Cyclohexane	5.388	56	56684	5.449	ug/L	99
31) Carbon tetrachloride	5.523	117	51380	4.925	ug/L	98
33) Benzene	5.774	78	149682	4.507	ug/L	100
34) Trichloroethene	6.542	95	36960	4.591	ug/L	98
35) Methylcyclohexane	6.761	83	51917	5.228	ug/L	99
37) 1,2-Dichloropropane	6.793	63	41536	4.389	ug/L	100
38) Bromodichloromethane	7.105	83	51054	4.318	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	50941	4.084	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	293650	44.483	ug/L	99
42) Toluene	7.970	91	151442	4.560	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43959	4.083	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	29360	4.347	ug/L	94
47) Tetrachloroethene	8.552	164	26279	4.741	ug/L	99
48) 2-Hexanone	8.687	43	228547	46.386	ug/L	99
49) Dibromochloromethane	8.812	129	32718	4.334	ug/L	91
50) 1,2-Dibromoethane	8.925	107	26553	4.427	ug/L	99
51) Chlorobenzene	9.446	112	90184	4.277	ug/L	99
52) Ethylbenzene	9.571	91	149126	4.367	ug/L	99
53) m,p-Xylene	9.693	106	54765	4.359	ug/L	98
54) o-Xylene	10.102	106	56040	4.514	ug/L	98
55) Styrene	10.115	104	92865	4.416	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	38620	4.426	ug/L	98
59) Bromoform	10.291	173	18402	4.806	ug/L	98
60) Isopropylbenzene	10.484	105	146598	5.037	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	28247	4.819	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	115959	4.715	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	115096	4.822	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	66276	4.606	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	64335	4.519	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	65236	4.589	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6093	4.647	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45750	4.306	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	37840	4.242	ug/L	100
71) Naphthalene	14.086	128	75080	4.317	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37650	4.392	ug/L	97

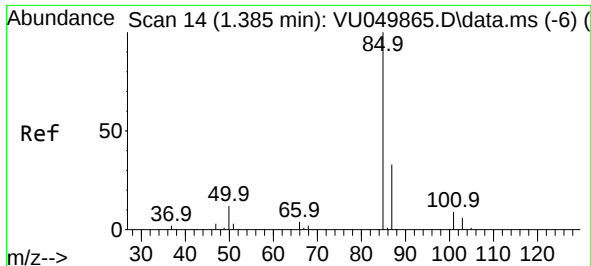
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Data File : VU049880.D
Acq On : 25 Jul 2022 20:31
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

Quant Time: Jul 26 06:43:37 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 26 05:33:39 2022
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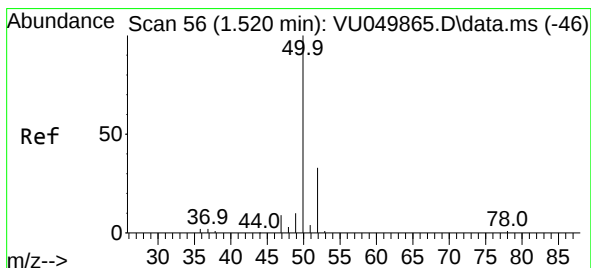
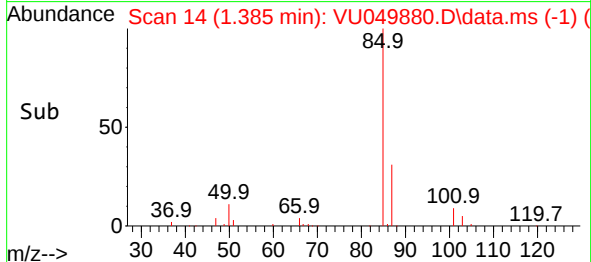
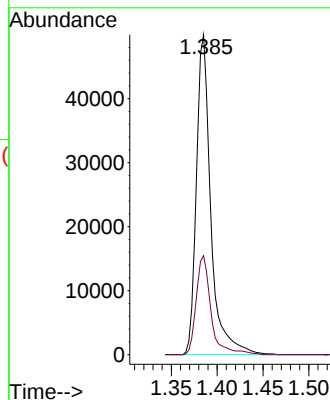
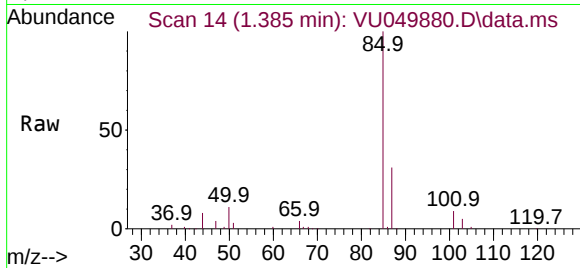




#2
Dichlorodifluoromethane
Concen: 5.308 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

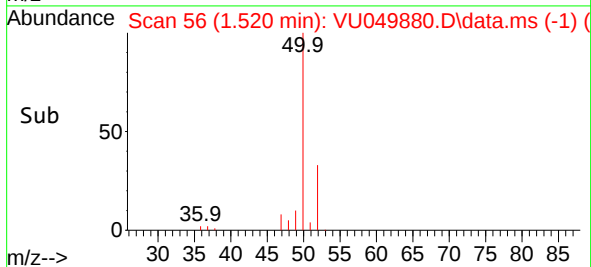
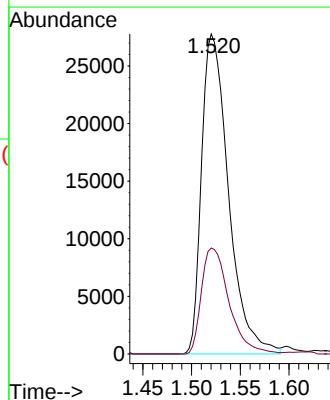
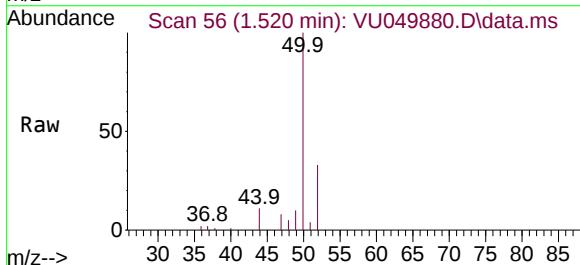
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

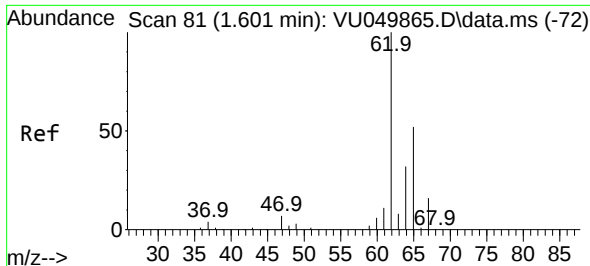
Tgt Ion: 85 Resp: 54601
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2



#3
Chloromethane
Concen: 4.224 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 50 Resp: 53456
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.7

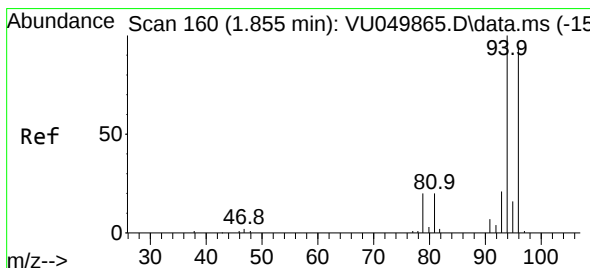
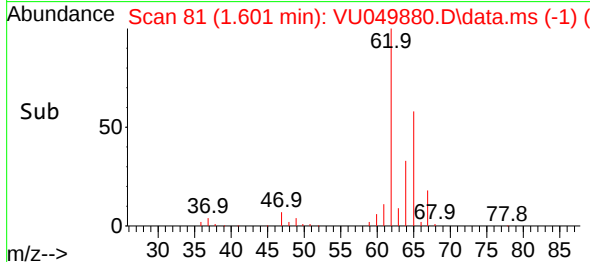
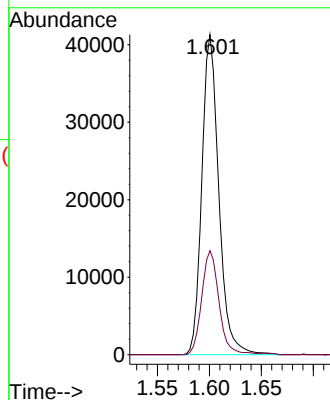
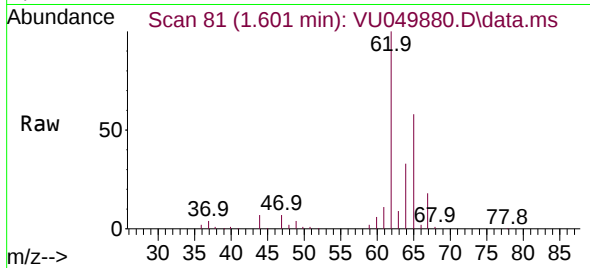




#5
 Vinyl chloride
 Concen: 4.426 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

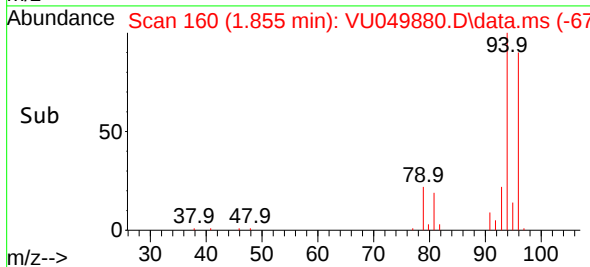
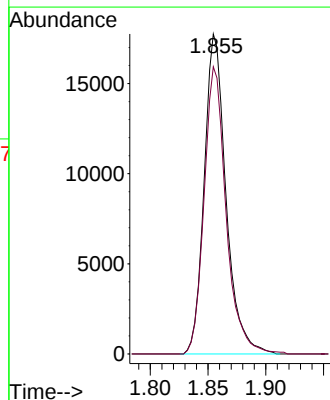
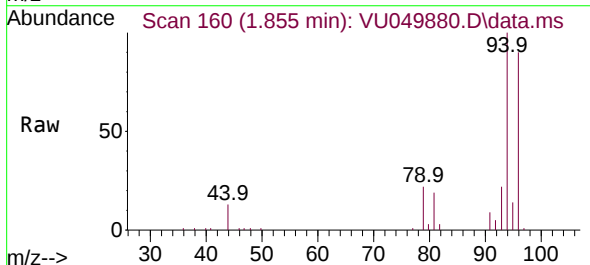
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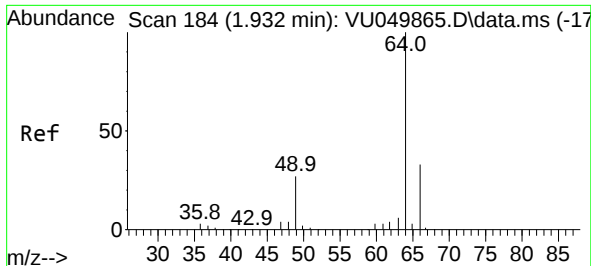
Tgt Ion: 62 Resp: 46841
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 4.069 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

Tgt Ion: 94 Resp: 23286
 Ion Ratio Lower Upper
 94 100
 96 89.7 62.6 116.3

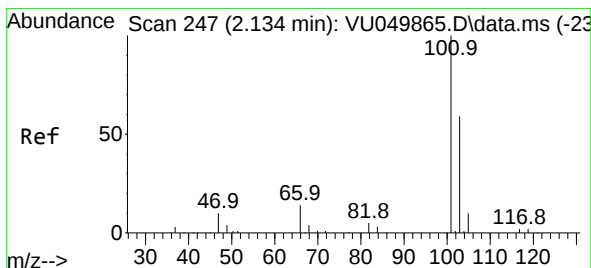
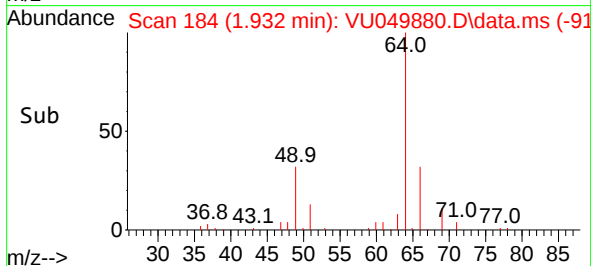
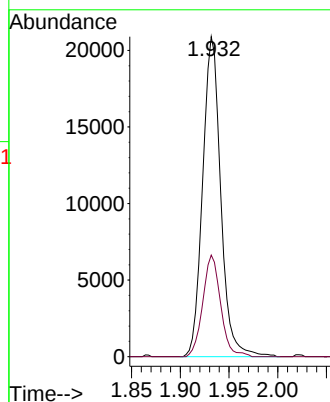
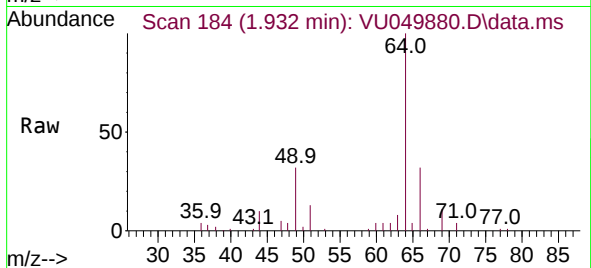




#8
Chloroethane
Concen: 4.428 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

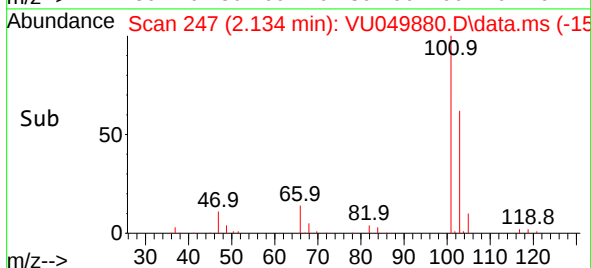
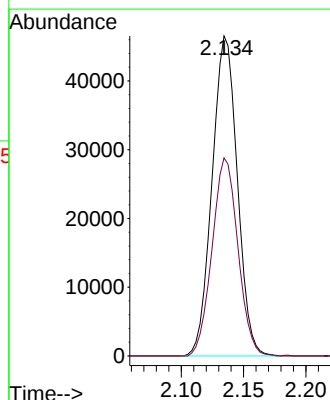
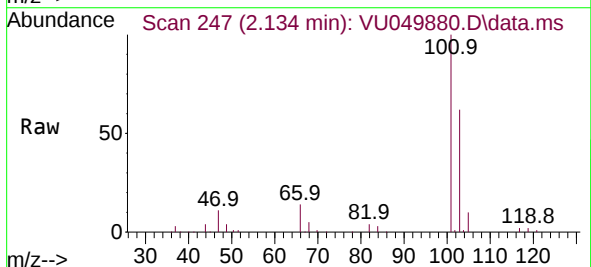
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MSVOA_U
ClientSampleId :
VSTD005129

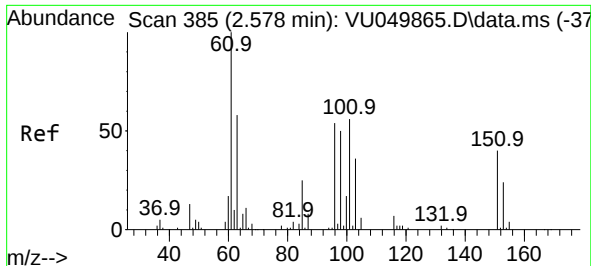
Tgt Ion: 64 Resp: 27005
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.045 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 101 Resp: 65641
Ion Ratio Lower Upper
101 100
103 63.2 50.8 76.2

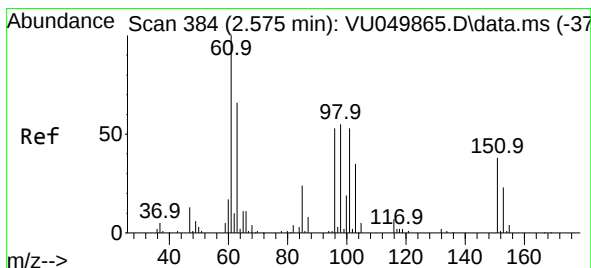
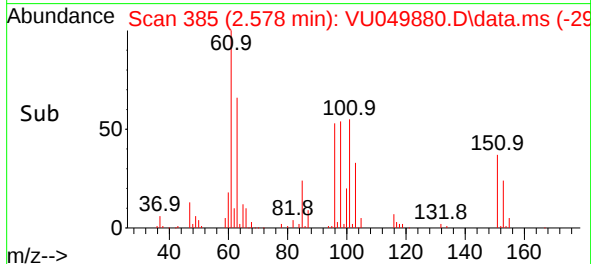
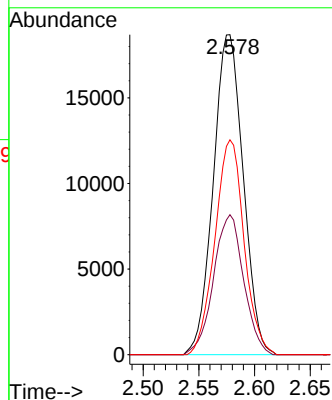
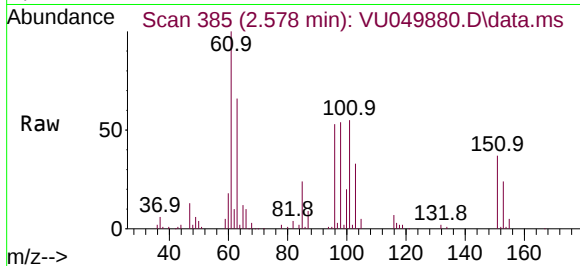




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.492 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

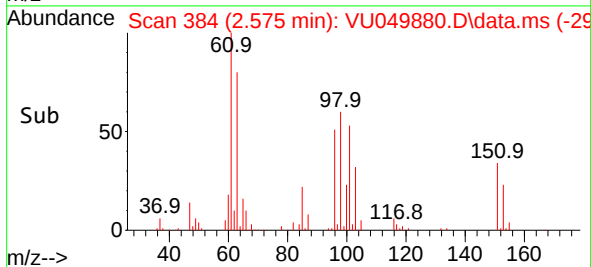
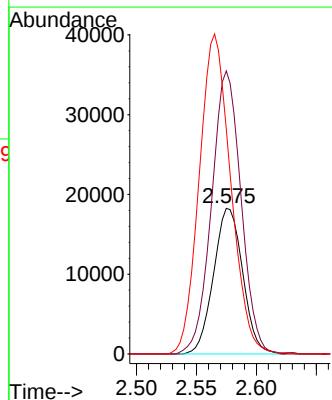
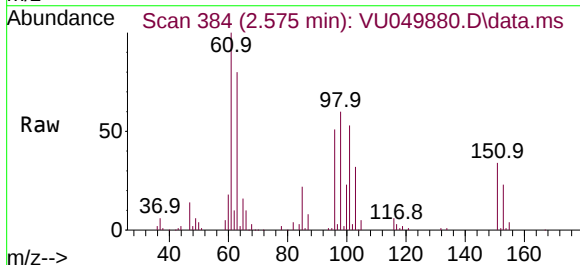
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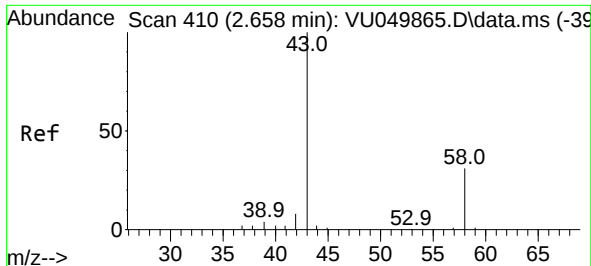
Tgt Ion:101 Resp: 34946
Ion Ratio Lower Upper
101 100
85 44.0 37.2 55.8
151 65.4 56.0 84.0



#12
1,1-Dichloroethene
Concen: 4.784 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 96 Resp: 30804
Ion Ratio Lower Upper
96 100
61 194.3 131.6 244.4
63 154.5 100.0 185.6





#13

Acetone

Concen: 42.351 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.000 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

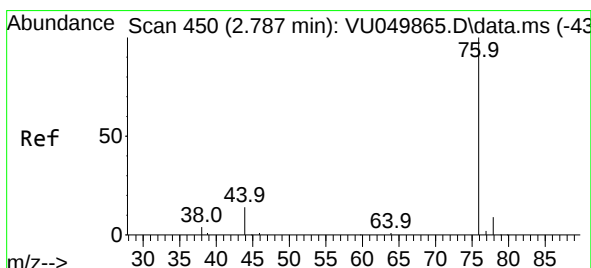
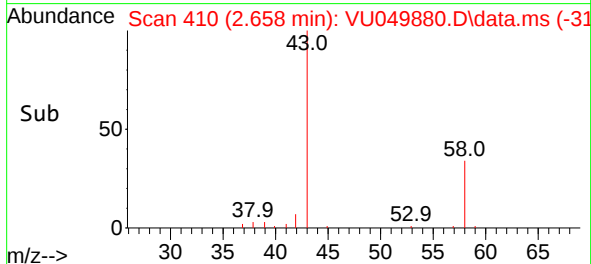
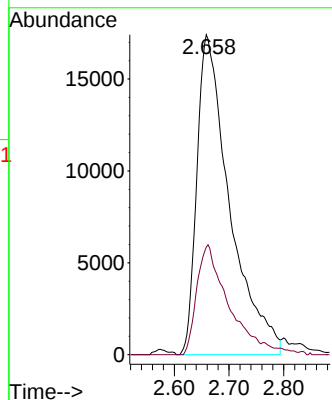
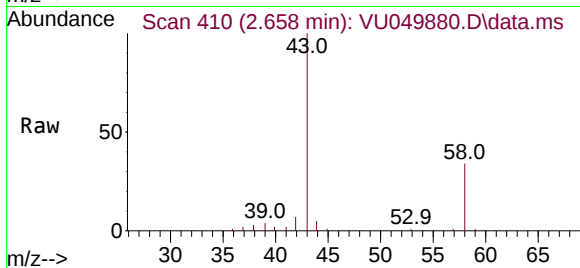
VSTD005129

Tgt Ion: 43 Resp: 72304

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.0



#14

Carbon disulfide

Concen: 4.570 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU049880.D

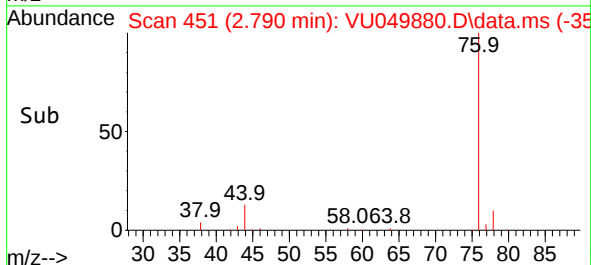
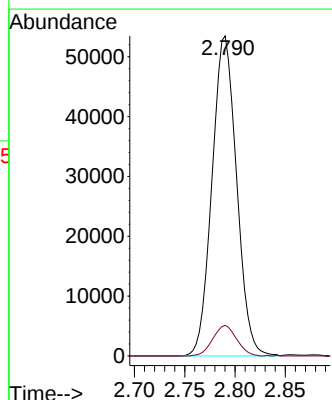
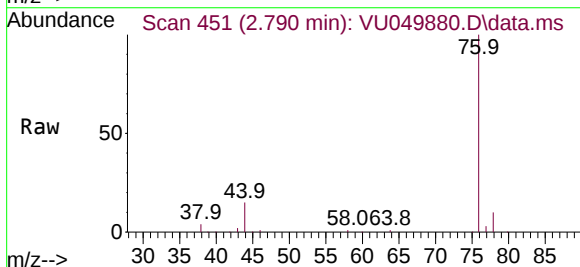
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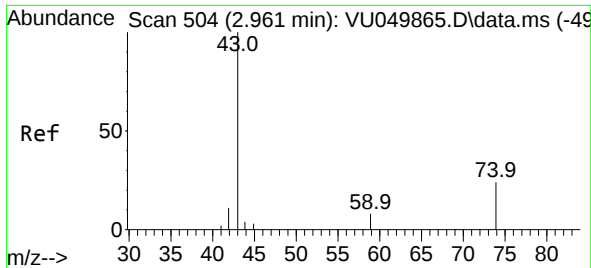
Tgt Ion: 76 Resp: 91026

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.6

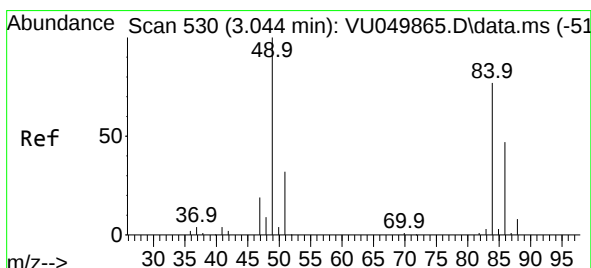
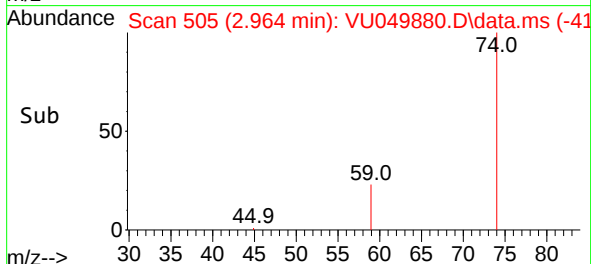
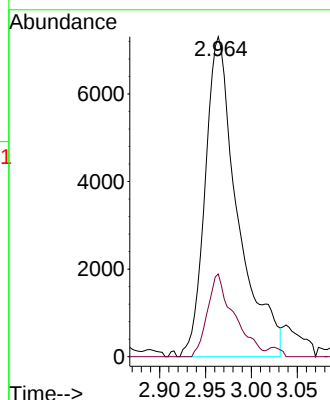
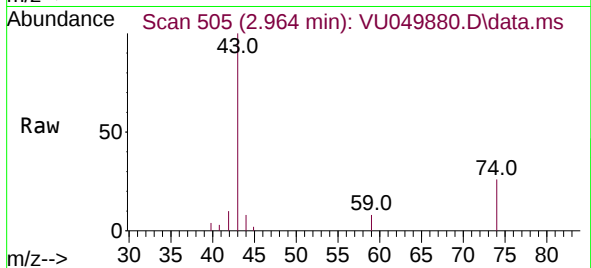




#15
Methyl Acetate
Concen: 4.231 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

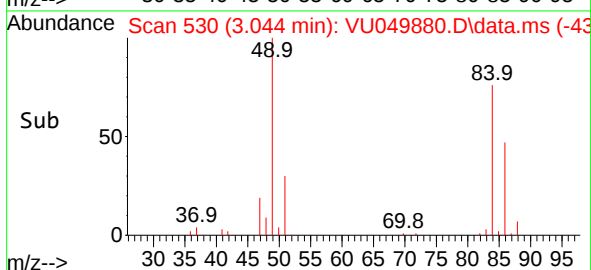
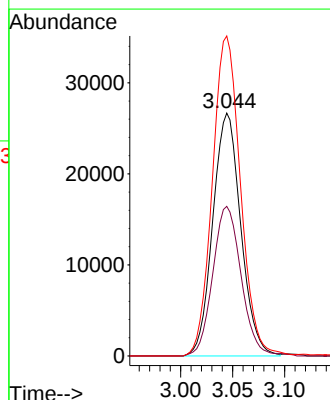
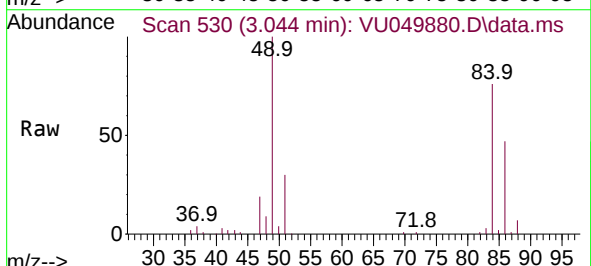
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

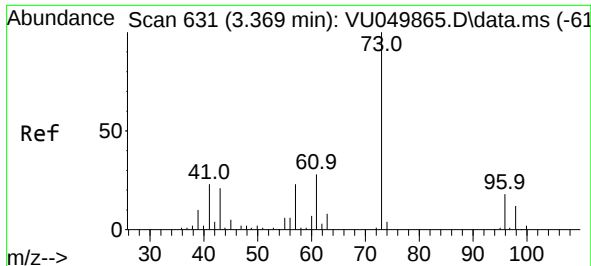
Tgt Ion: 43 Resp: 18009
Ion Ratio Lower Upper
43 100
74 21.4 17.1 25.7



#16
Methylene chloride
Concen: 3.442 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 84 Resp: 49987
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 131.7 94.1 174.8

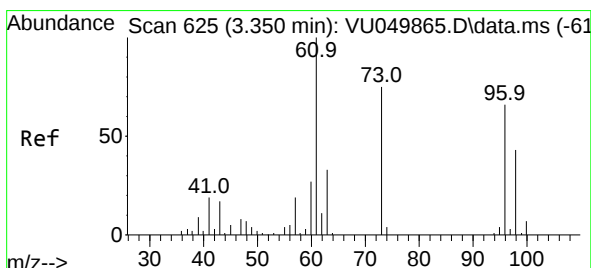
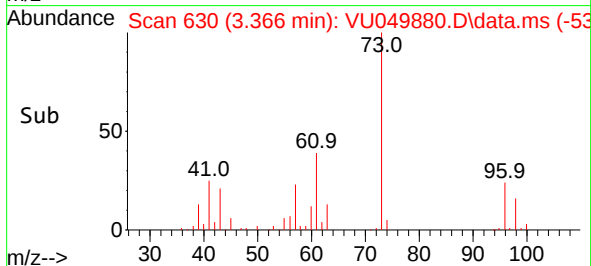
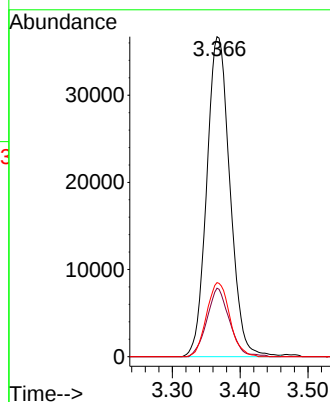
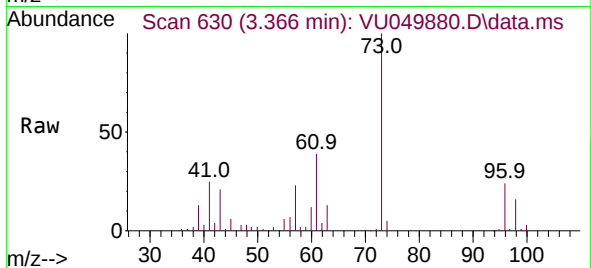




#17
Methyl tert-butyl Ether
Concen: 4.183 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

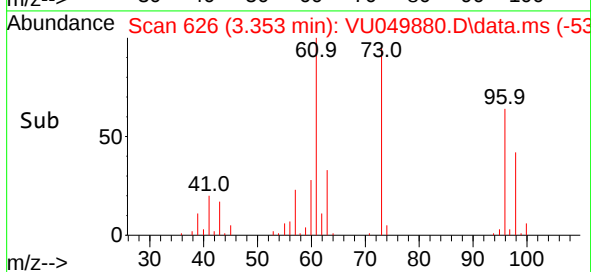
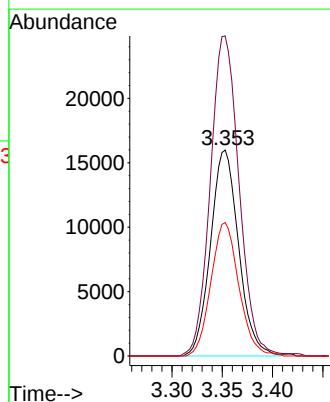
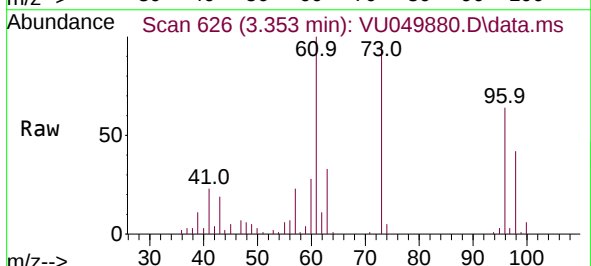
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

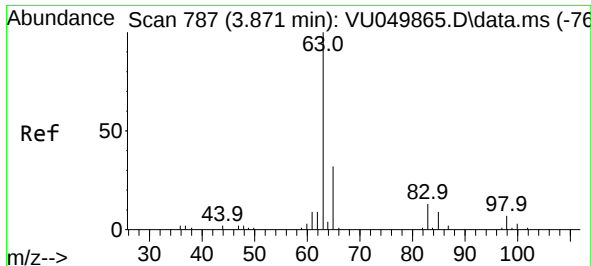
Tgt Ion: 73	Resp: 87257
Ion Ratio	Lower Upper
73 100	
43 20.9	17.4 26.2
57 23.1	18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 4.177 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 96	Resp: 31087
Ion Ratio	Lower Upper
96 100	
61 155.4	101.5 188.5
98 64.8	42.5 78.9

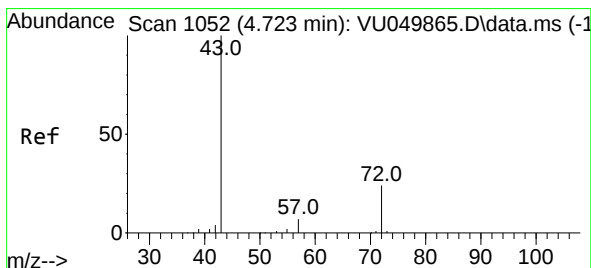
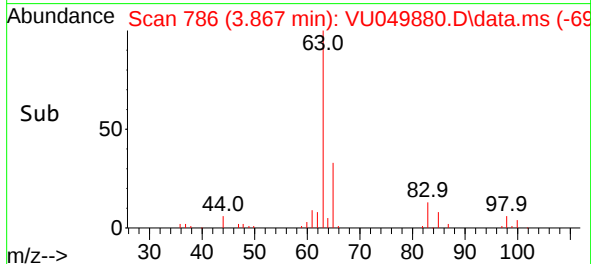
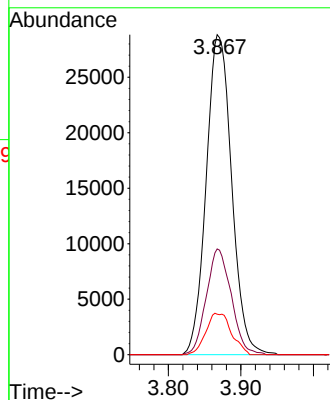
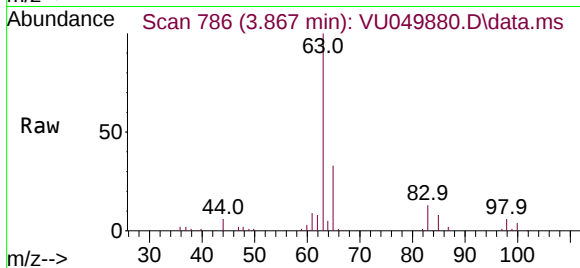




#19
1,1-Dichloroethane
Concen: 4.372 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

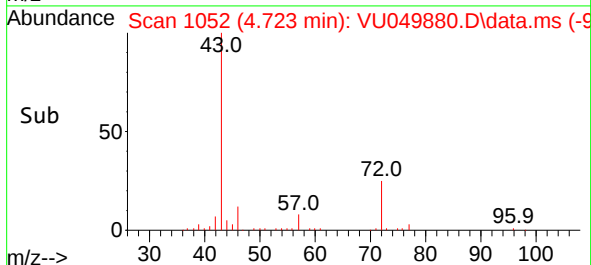
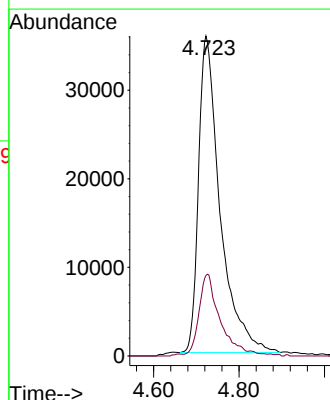
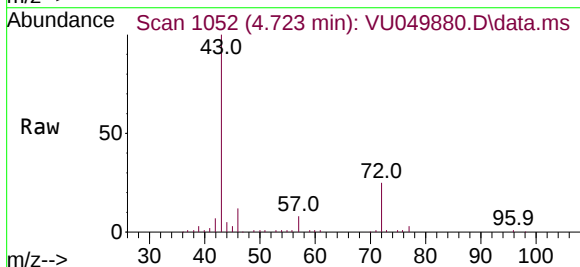
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

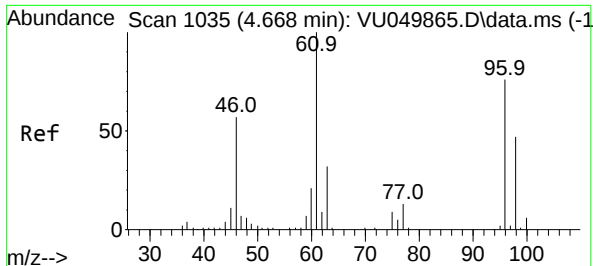
Tgt Ion: 63 Resp: 70325
Ion Ratio Lower Upper
63 100
65 33.1 22.5 41.9
83 12.7 8.3 15.5



#21
2-Butanone
Concen: 43.169 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 43 Resp: 124998
Ion Ratio Lower Upper
43 100
72 23.6 11.9 35.5

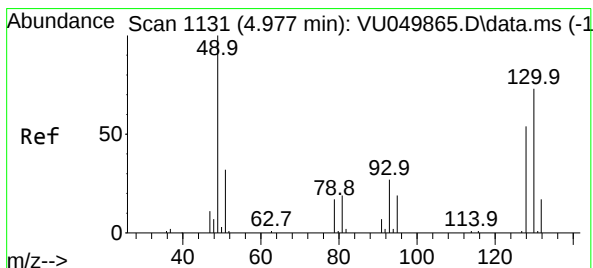
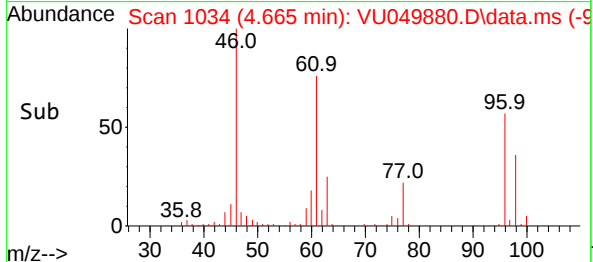
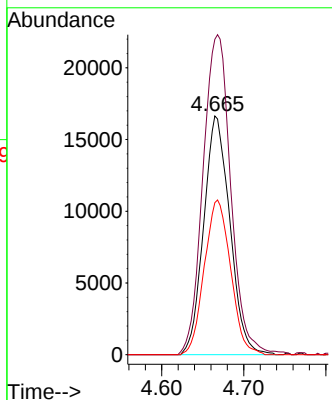
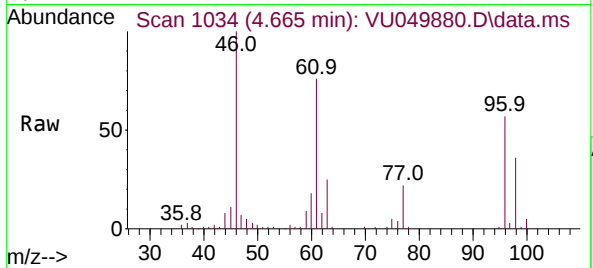




#22
 cis-1,2-Dichloroethene
 Concen: 4.281 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

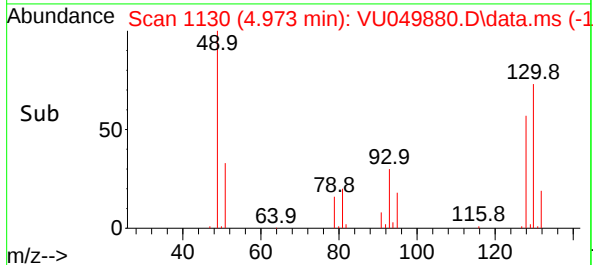
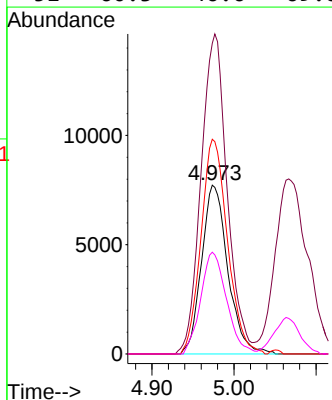
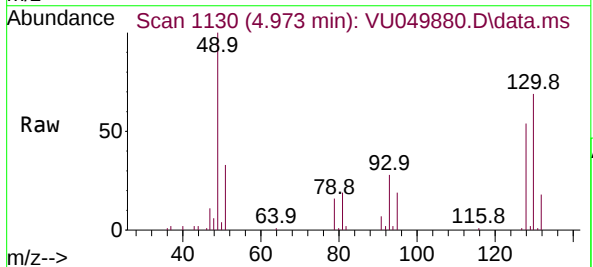
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

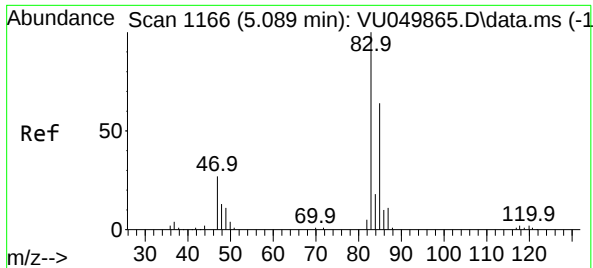
Tgt Ion: 96 Resp: 36905
 Ion Ratio Lower Upper
 96 100
 61 132.2 93.9 174.3
 98 63.7 43.9 81.5



#23
 Bromochloromethane
 Concen: 4.465 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

Tgt Ion: 128 Resp: 17191
 Ion Ratio Lower Upper
 128 100
 49 183.9 124.9 232.1
 130 127.2 88.5 164.3
 51 60.3 46.6 69.8

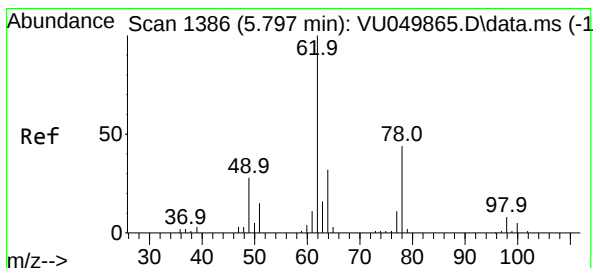
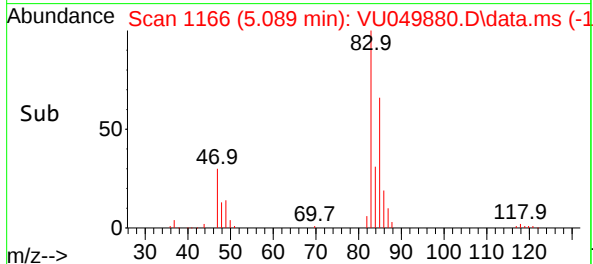
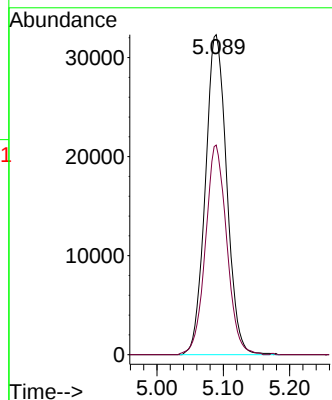
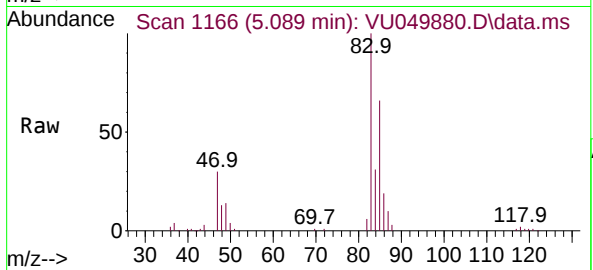




#25
Chloroform
Concen: 4.238 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

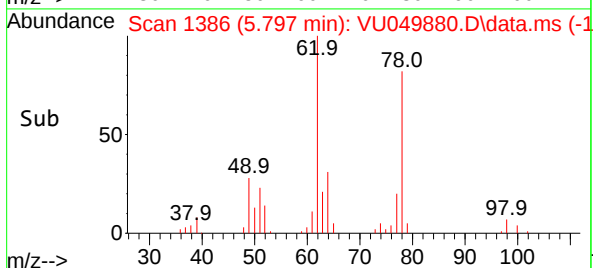
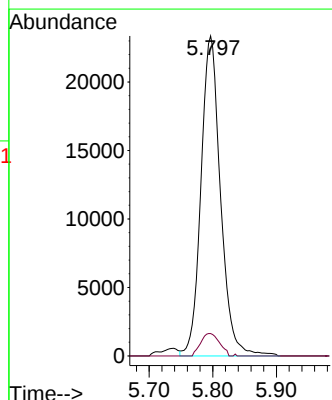
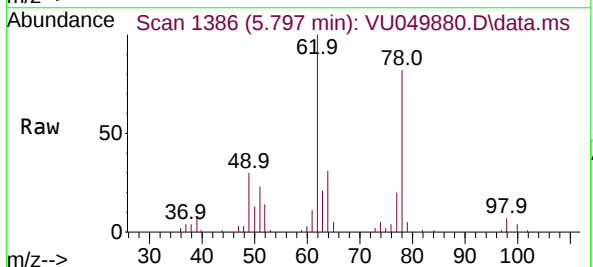
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

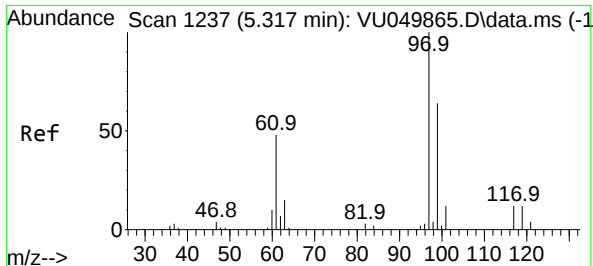
Tgt Ion: 83 Resp: 72321
Ion Ratio Lower Upper
83 100
85 65.5 45.5 84.5



#27
1,2-Dichloroethane
Concen: 4.260 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 62 Resp: 49927
Ion Ratio Lower Upper
62 100
98 7.0 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 4.772 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005129

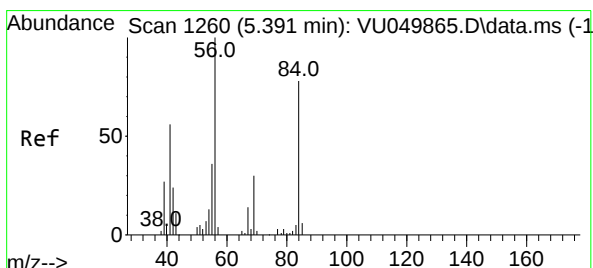
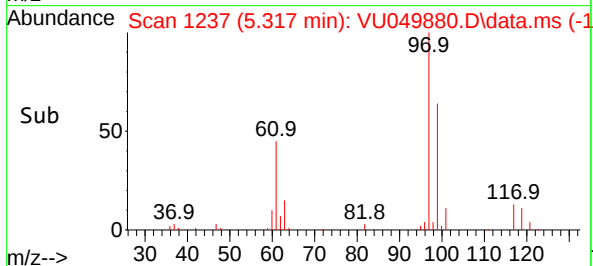
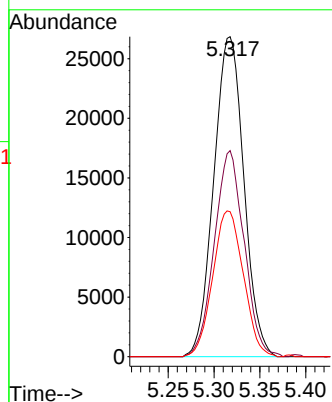
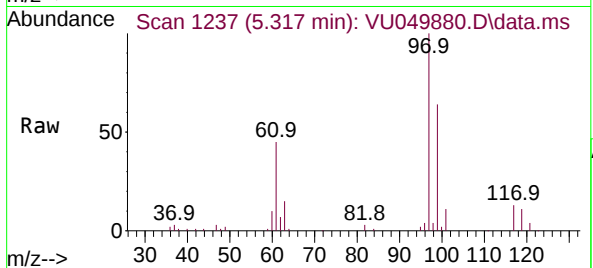
Tgt Ion: 97 Resp: 61308

Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.8

61 46.3 38.3 57.5



#30

Cyclohexane

Concen: 5.449 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

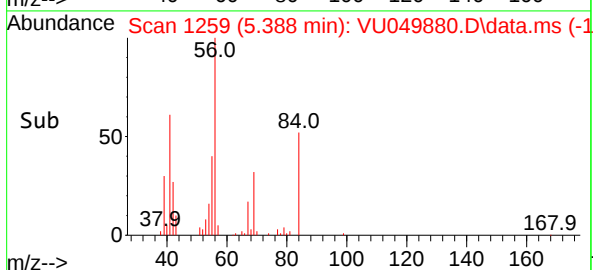
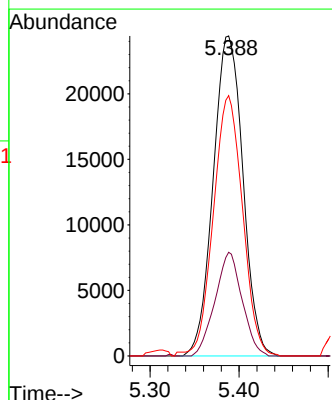
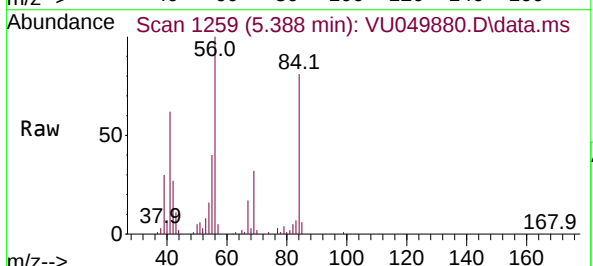
Tgt Ion: 56 Resp: 56684

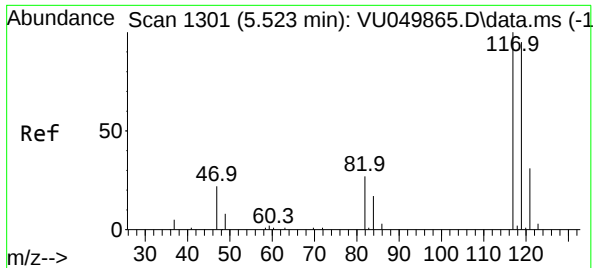
Ion Ratio Lower Upper

56 100

69 29.4 22.8 34.2

84 79.8 63.0 94.6

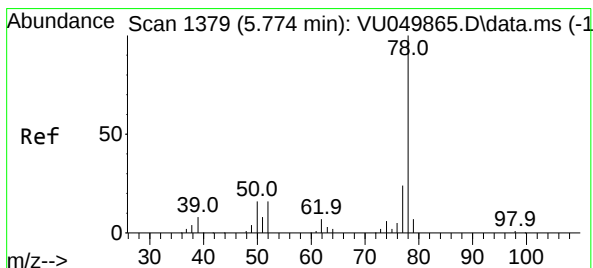
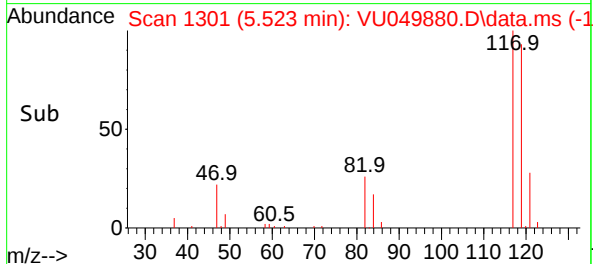
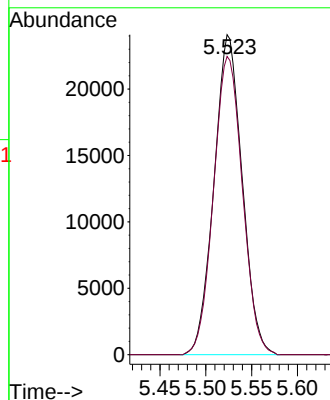
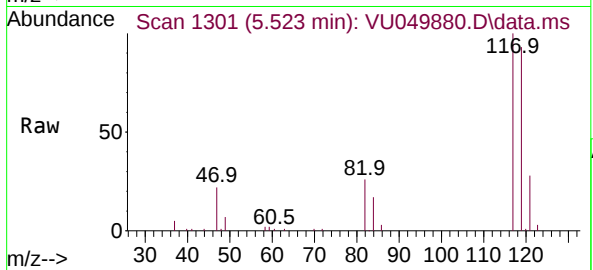




#31
Carbon tetrachloride
Concen: 4.925 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

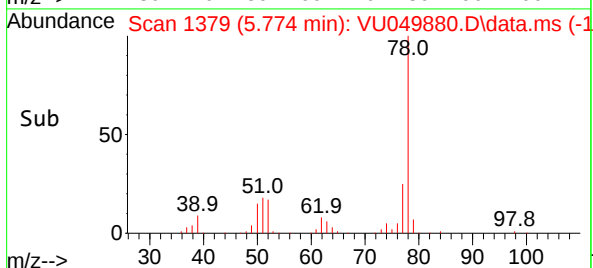
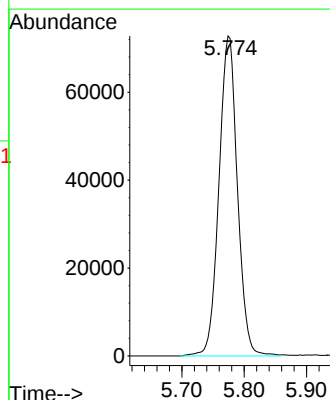
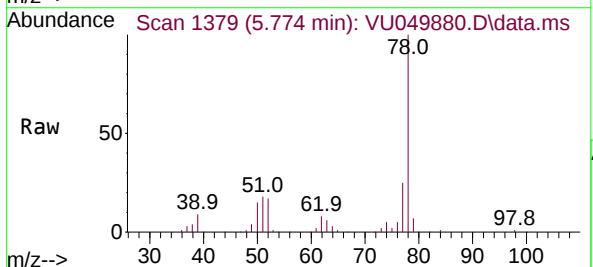
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

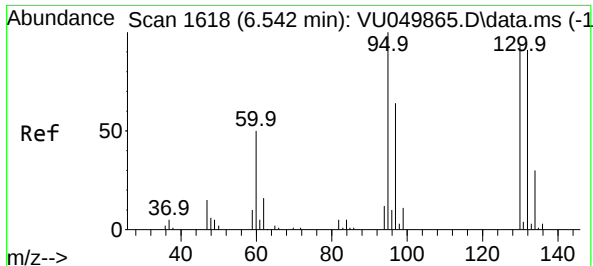
Tgt Ion:117 Resp: 51380
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8



#33
Benzene
Concen: 4.507 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 78 Resp: 149682

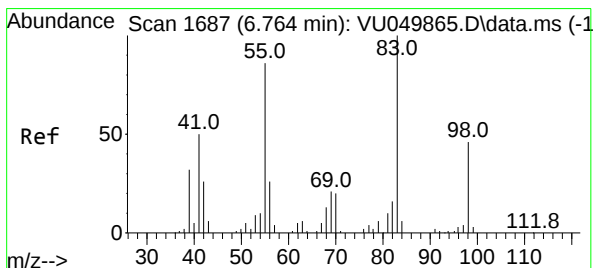
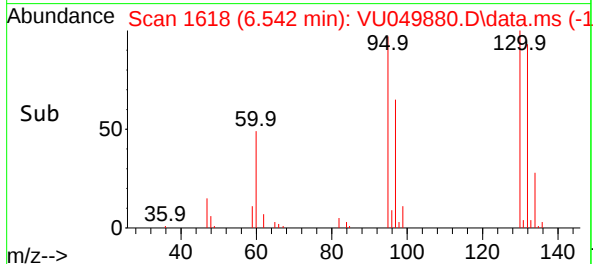
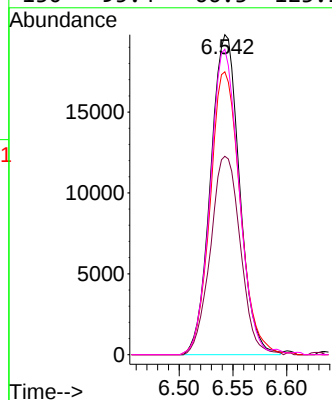
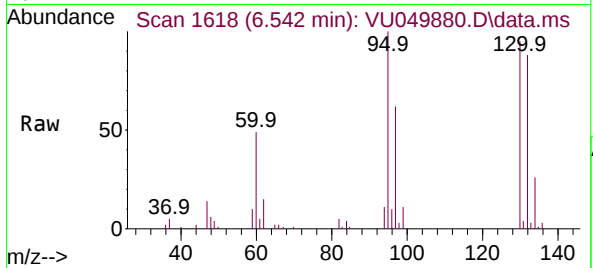




#34
Trichloroethene
Concen: 4.591 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

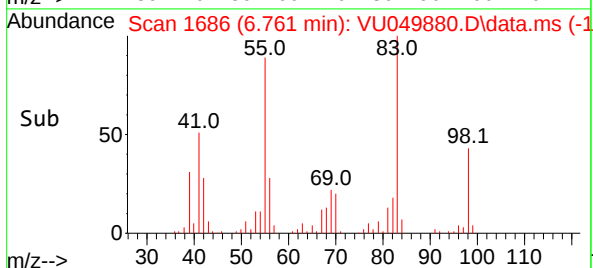
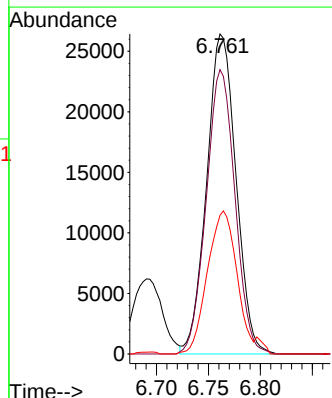
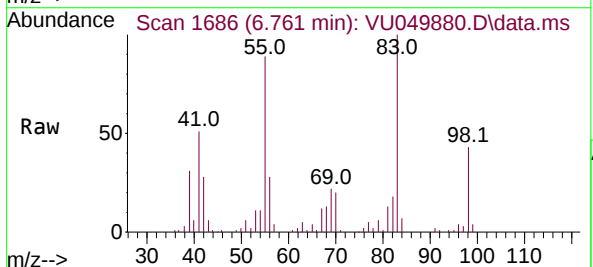
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

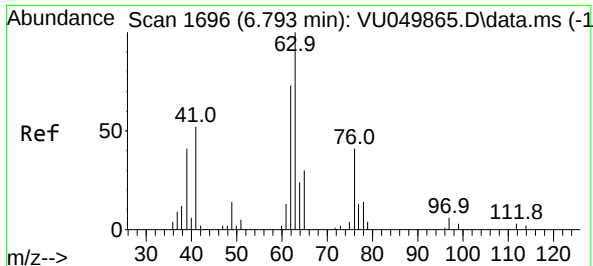
Tgt Ion: 95 Resp: 36960
Ion Ratio Lower Upper
95 100
97 62.0 46.8 86.8
132 88.4 61.8 114.8
130 95.4 66.3 123.1



#35
Methylcyclohexane
Concen: 5.228 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 83 Resp: 51917
Ion Ratio Lower Upper
83 100
55 87.0 69.0 103.4
98 46.1 36.4 54.6





#37

1,2-Dichloropropane

Concen: 4.389 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

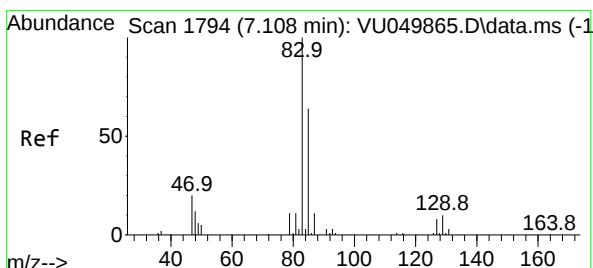
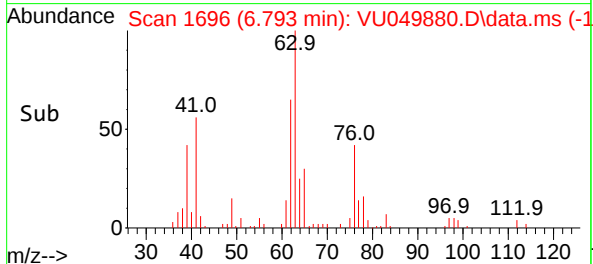
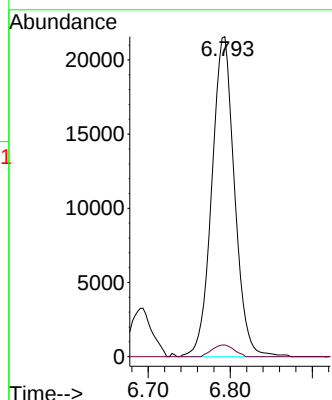
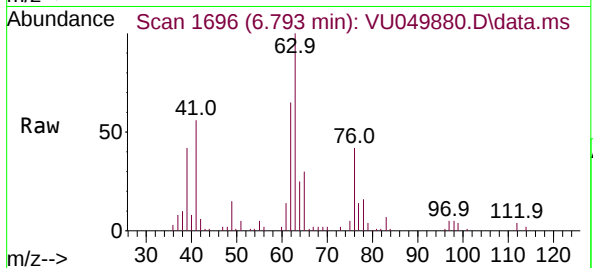
VSTD005129

Tgt Ion: 63 Resp: 41536

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 4.318 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

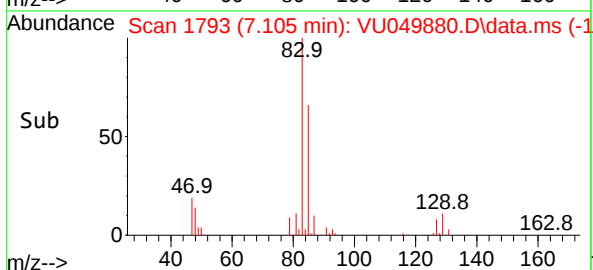
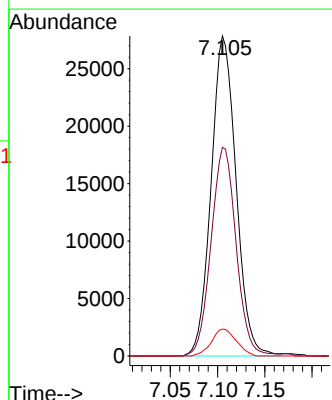
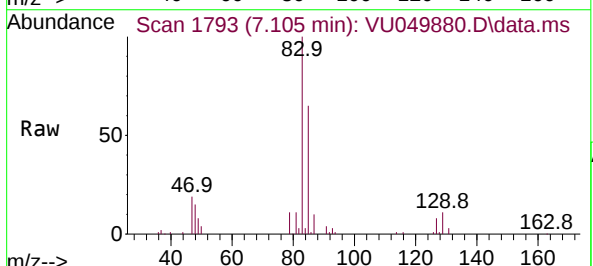
Tgt Ion: 83 Resp: 51054

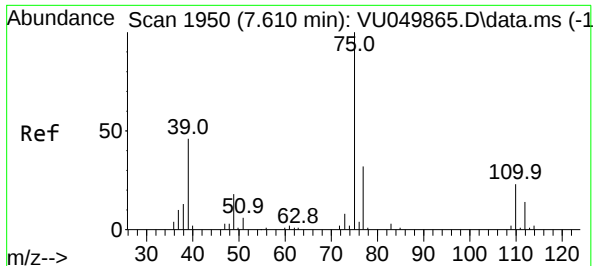
Ion Ratio Lower Upper

83 100

85 65.2 45.9 85.3

127 8.4 7.0 10.6

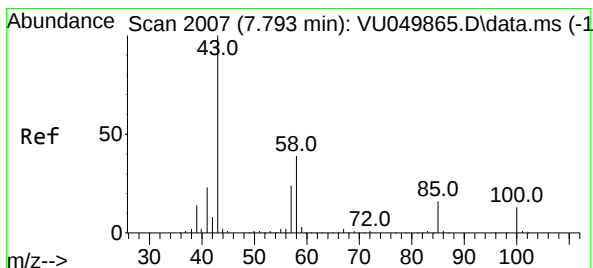
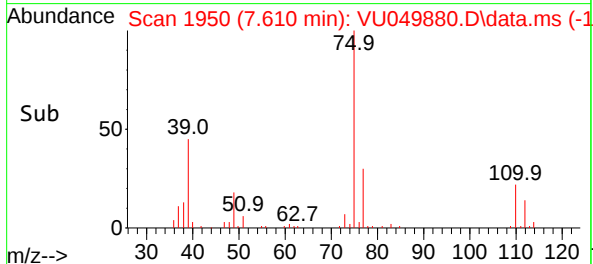
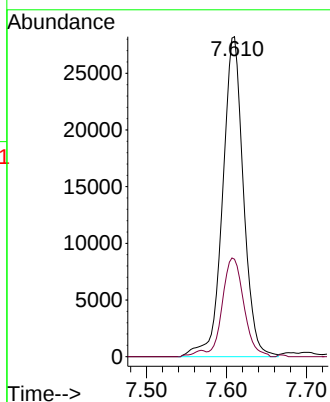
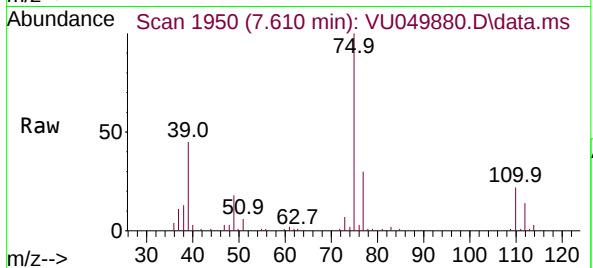




#39
 cis-1,3-Dichloropropene
 Concen: 4.084 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

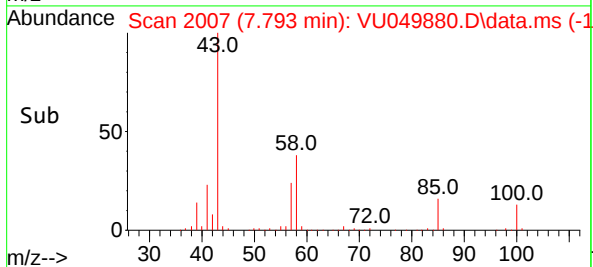
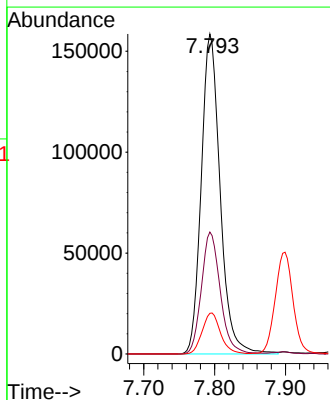
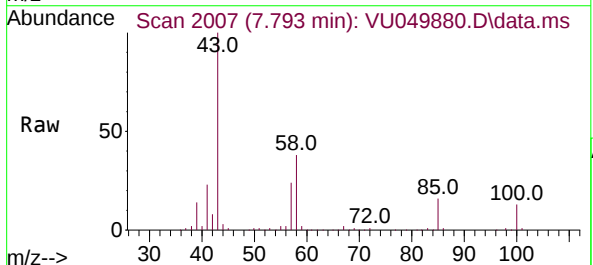
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

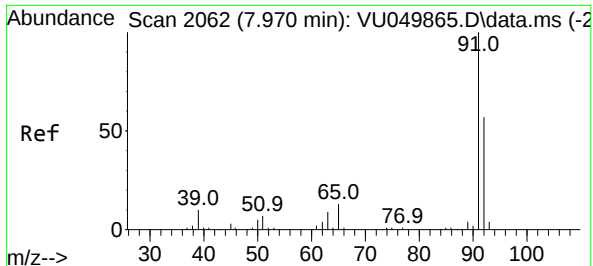
Tgt Ion: 75 Resp: 50941
 Ion Ratio Lower Upper
 75 100
 77 30.5 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 44.483 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

Tgt Ion: 43 Resp: 293650
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.0 46.4
 100 12.5 10.4 15.6

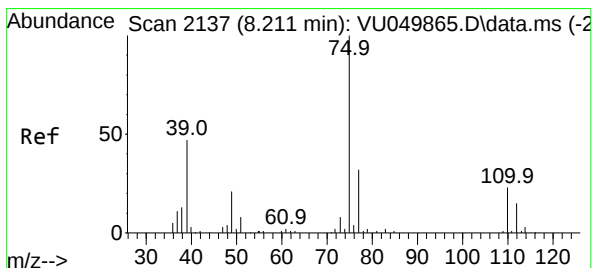
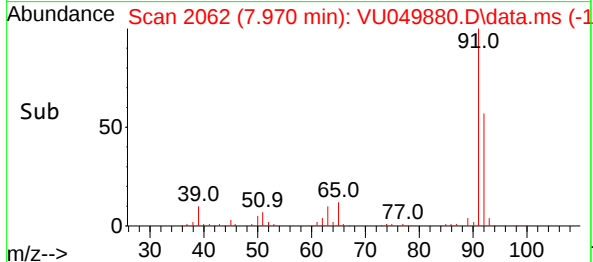
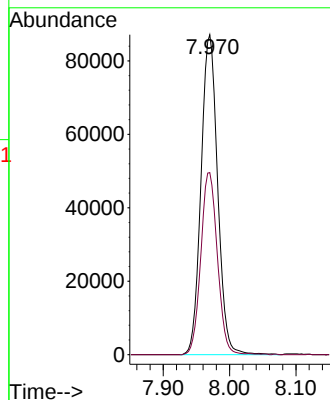
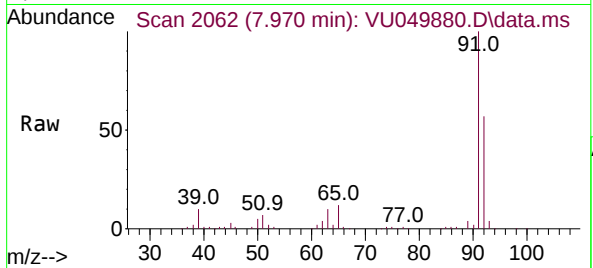




#42
Toluene
Concen: 4.560 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

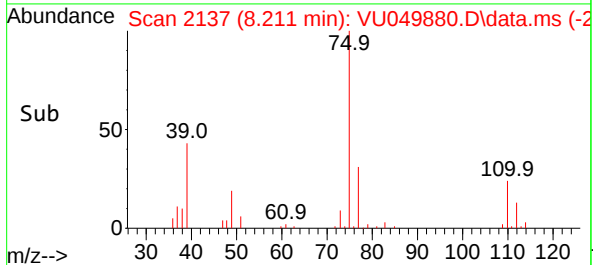
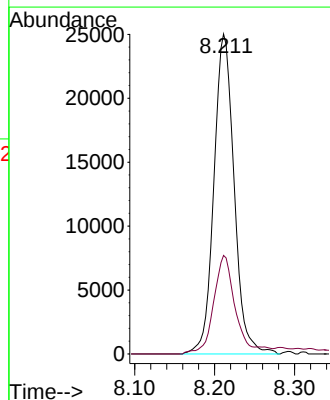
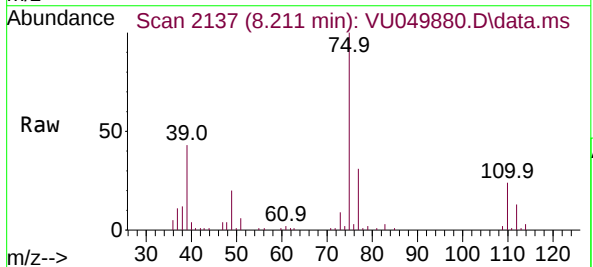
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

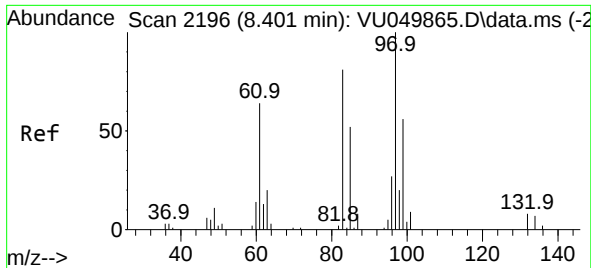
Tgt Ion: 91 Resp: 151442
Ion Ratio Lower Upper
91 100
92 56.9 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 4.083 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 75 Resp: 43959
Ion Ratio Lower Upper
75 100
77 30.8 21.2 39.4

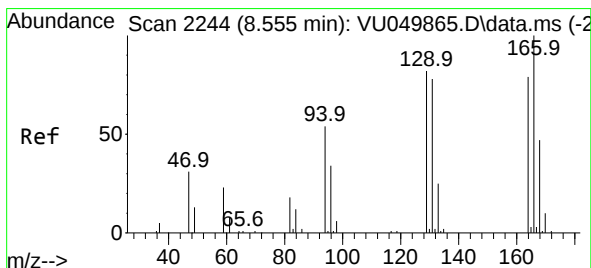
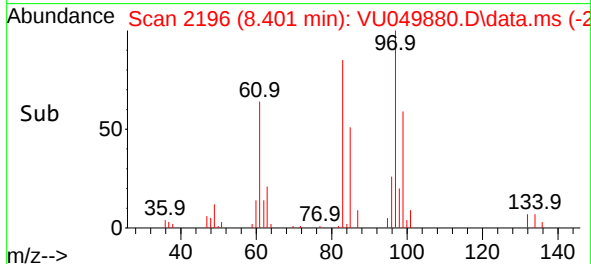
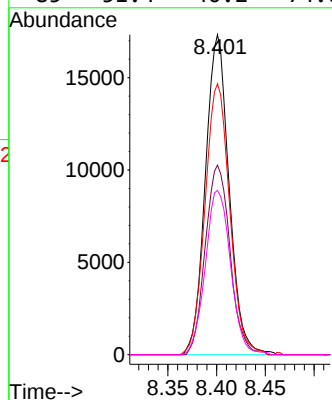
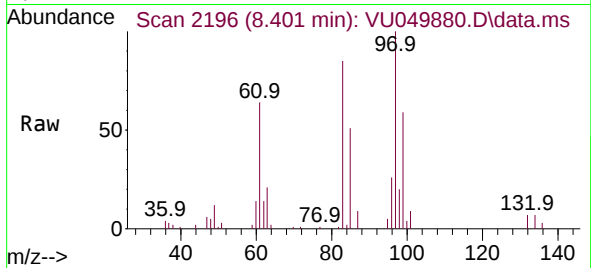




#45
1,1,2-Trichloroethane
Concen: 4.347 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

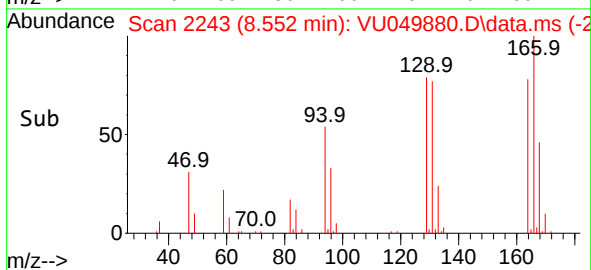
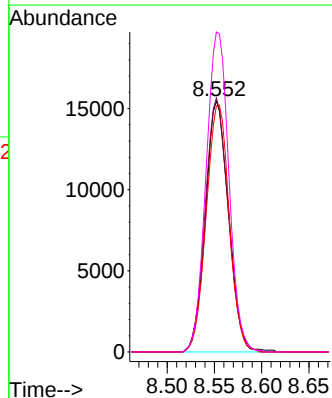
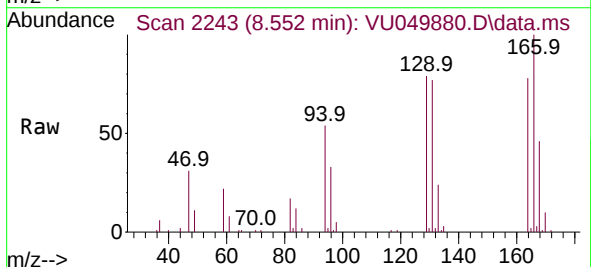
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

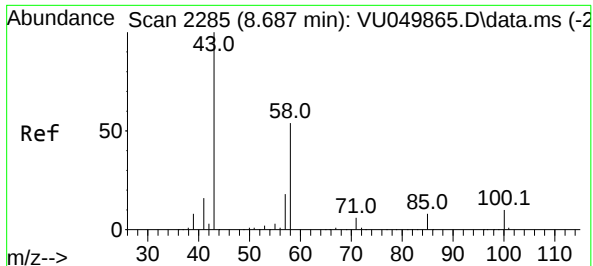
Tgt Ion:	97	Resp:	29360
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.8	81.3
83	84.6	62.4	115.8
85	51.4	40.2	74.6



#47
Tetrachloroethene
Concen: 4.741 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:	164	Resp:	26279
Ion	Ratio	Lower	Upper
164	100		
129	101.2	68.9	127.9
131	98.0	67.5	125.4
166	127.6	89.2	165.8



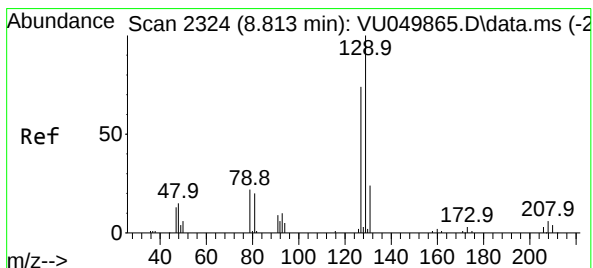
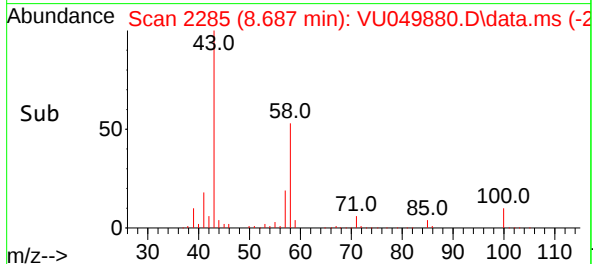
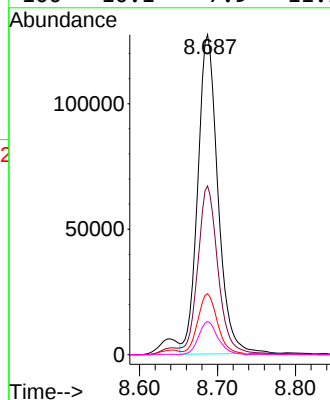
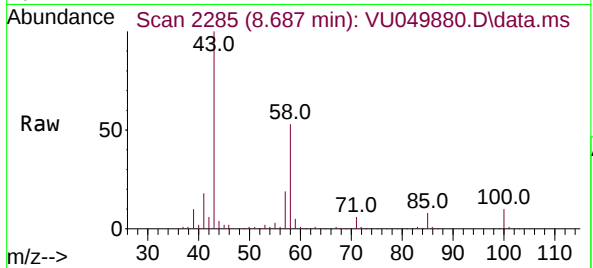


#48
2-Hexanone
Concen: 46.386 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

Tgt Ion: 43 Resp: 228547

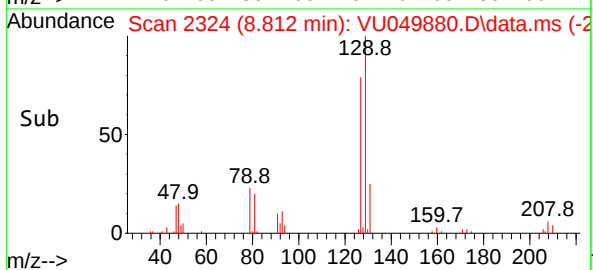
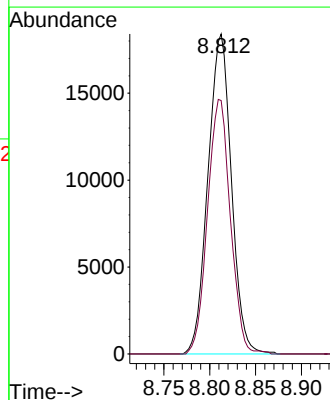
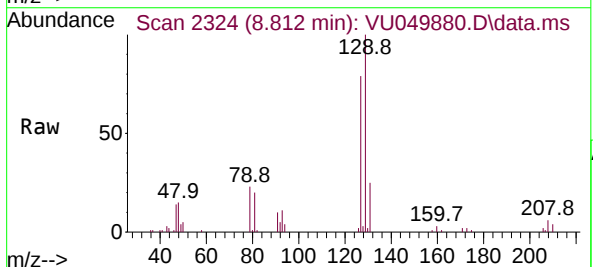
Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.1	63.1
57	19.0	14.3	21.5
100	10.1	7.9	11.9

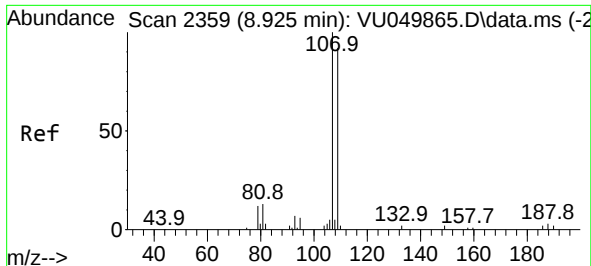


#49
Dibromochloromethane
Concen: 4.334 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 129 Resp: 32718

Ion	Ratio	Lower	Upper
129	100		
127	79.2	50.5	93.7

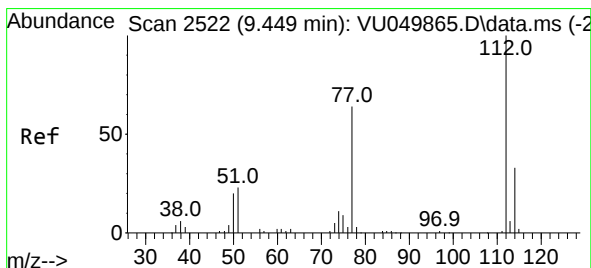
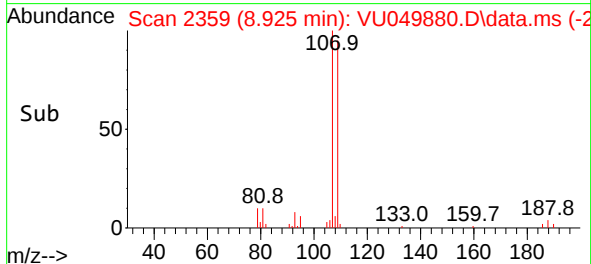
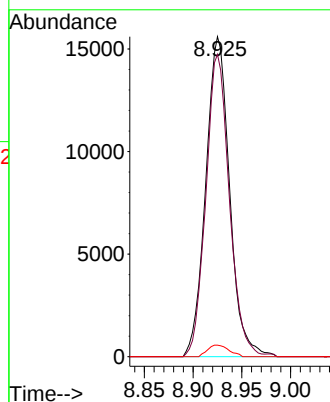
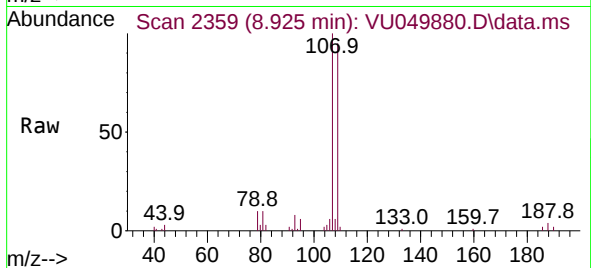




#50
1,2-Dibromoethane
Concen: 4.427 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

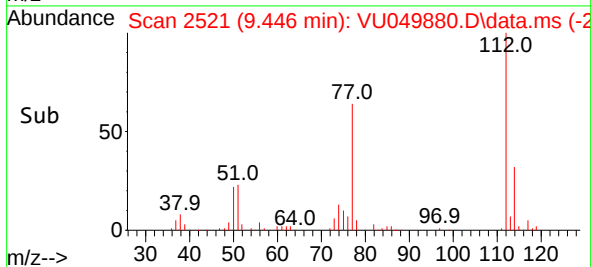
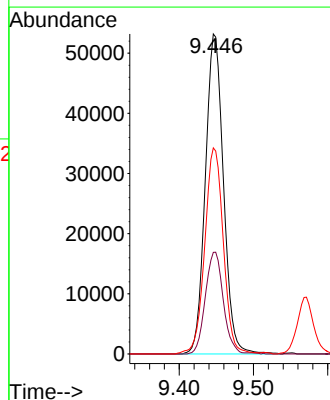
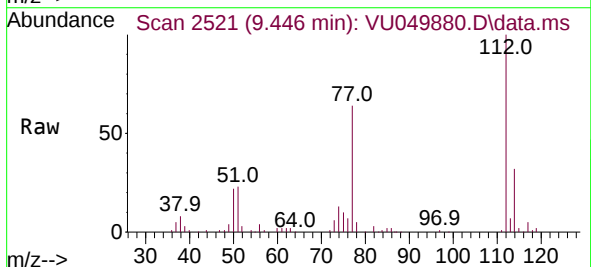
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

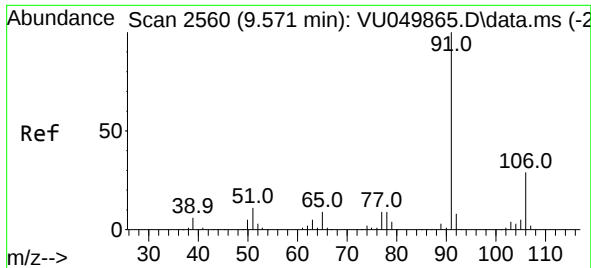
Tgt Ion:	107	Resp:	26553
Ion	Ratio	Lower	Upper
107	100		
109	94.5	65.6	121.8
188	3.6	2.8	4.2



#51
Chlorobenzene
Concen: 4.277 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:	112	Resp:	90184
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	64.4	51.2	76.8

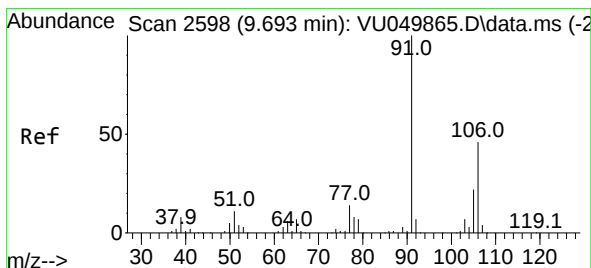
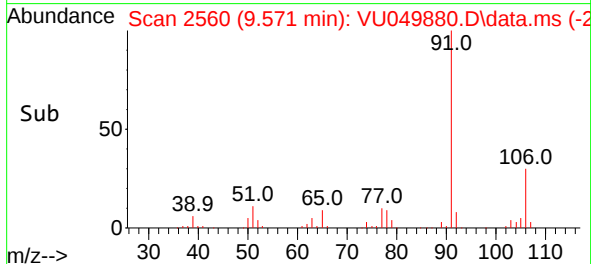
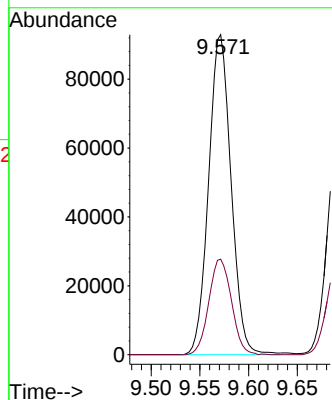
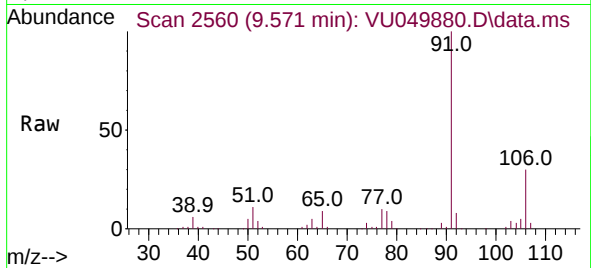




#52
Ethylbenzene
Concen: 4.367 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

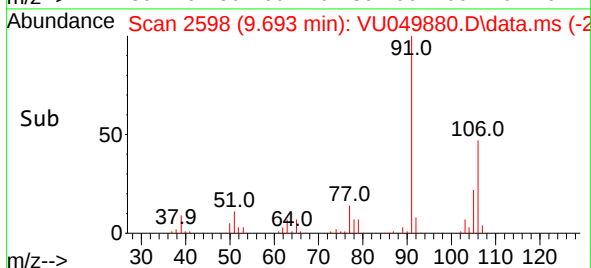
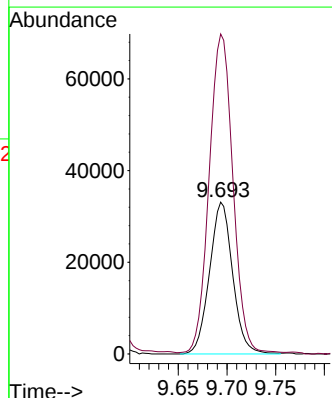
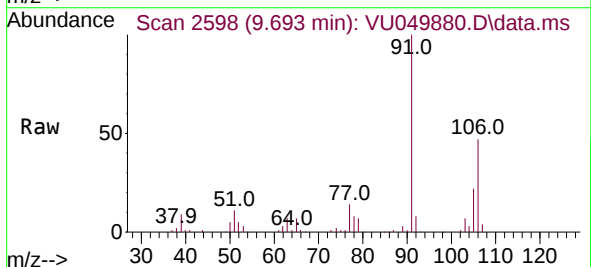
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

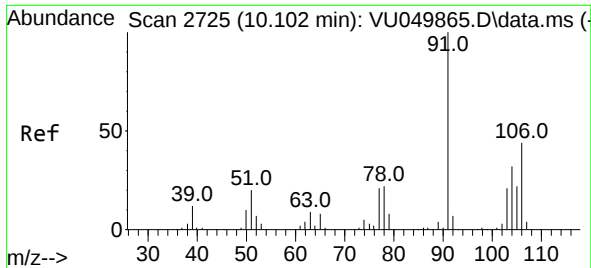
Tgt Ion: 91 Resp: 149126
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.4



#53
m,p-Xylene
Concen: 4.359 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 106 Resp: 54765
Ion Ratio Lower Upper
106 100
91 210.6 149.7 277.9

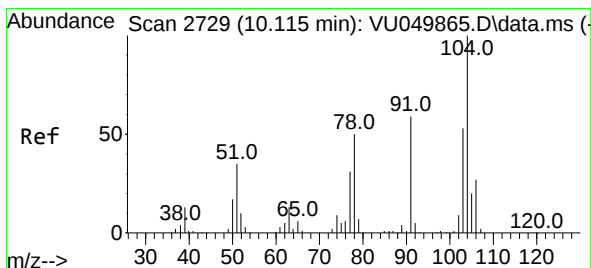
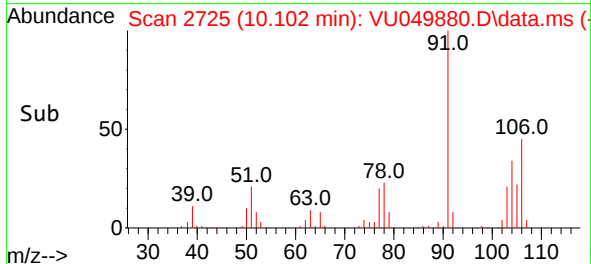
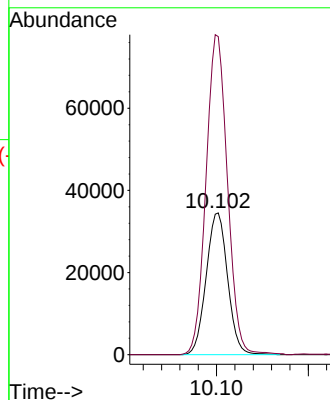
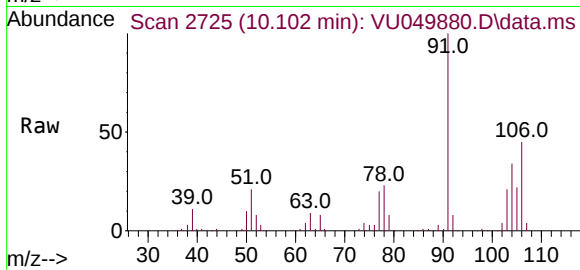




#54
o-Xylene
Concen: 4.514 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

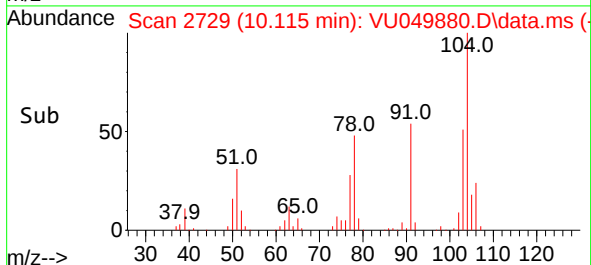
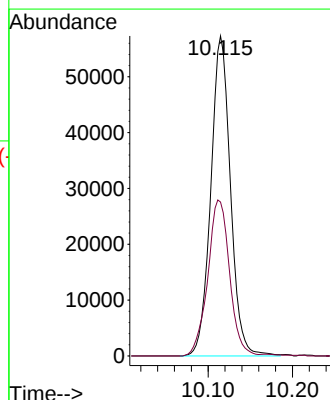
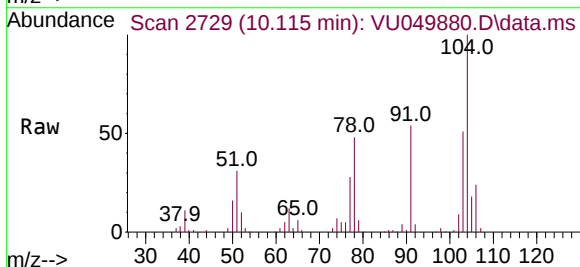
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

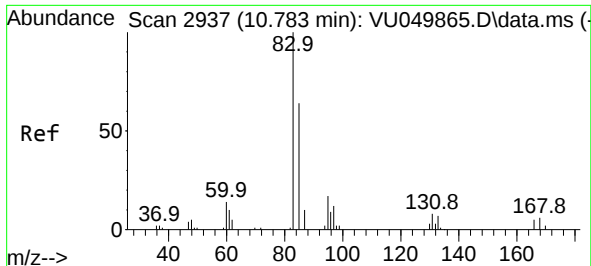
Tgt Ion:106 Resp: 56040
Ion Ratio Lower Upper
106 100
91 224.4 159.4 296.0



#55
Styrene
Concen: 4.416 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:104 Resp: 92865
Ion Ratio Lower Upper
104 100
78 48.1 35.1 65.3

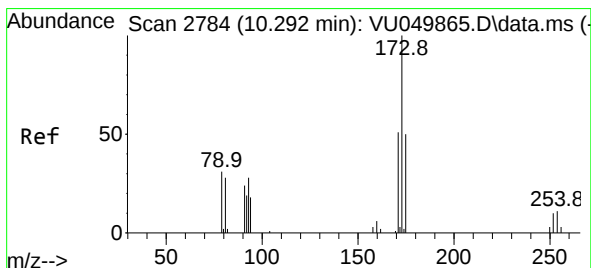
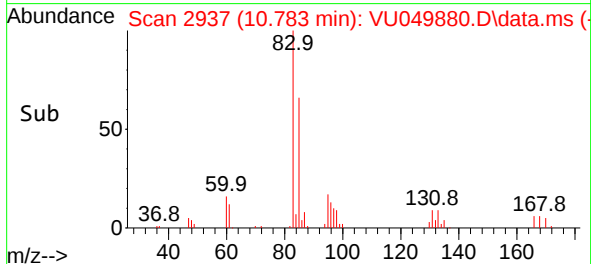
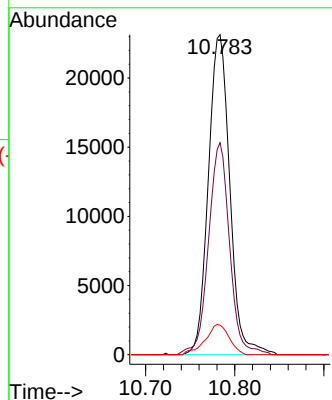
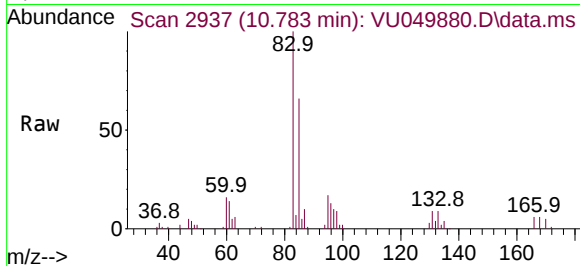




#57
1,1,2,2-Tetrachloroethane
Concen: 4.426 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

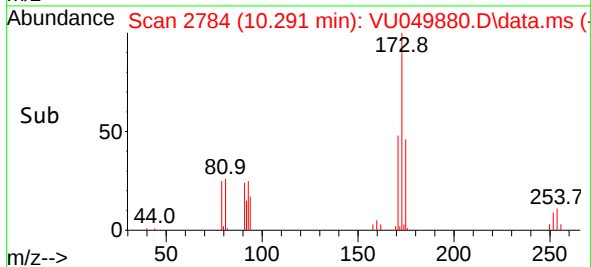
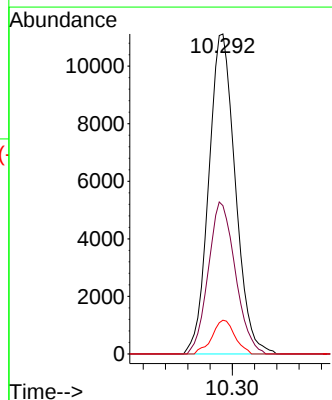
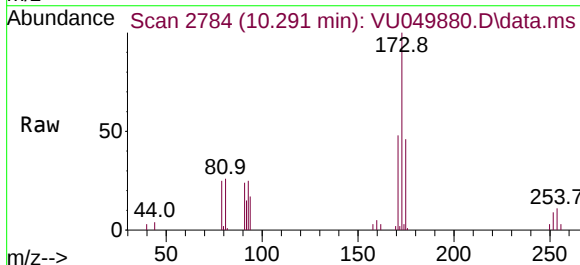
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

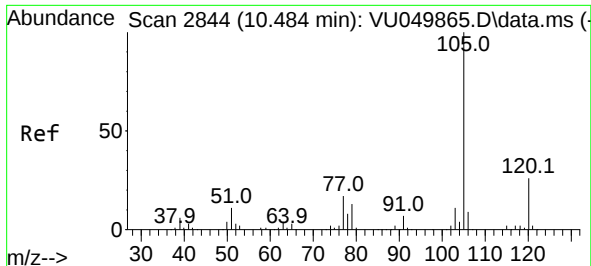
Tgt Ion: 83 Resp: 38620
Ion Ratio Lower Upper
83 100
85 66.3 47.9 89.1
131 9.3 7.3 10.9



#59
Bromoform
Concen: 4.806 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:173 Resp: 18402
Ion Ratio Lower Upper
173 100
175 48.3 39.5 59.3
254 9.1 7.5 11.3

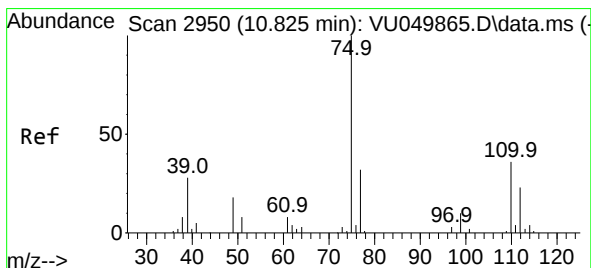
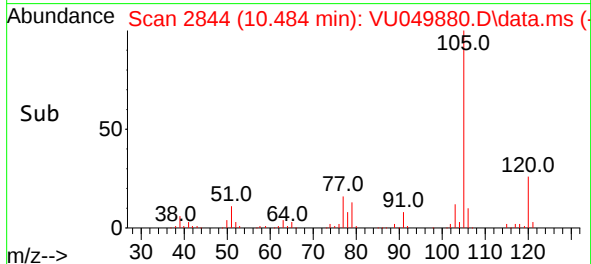
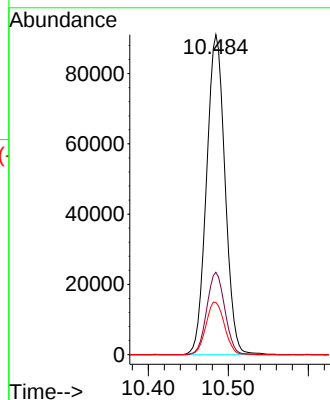
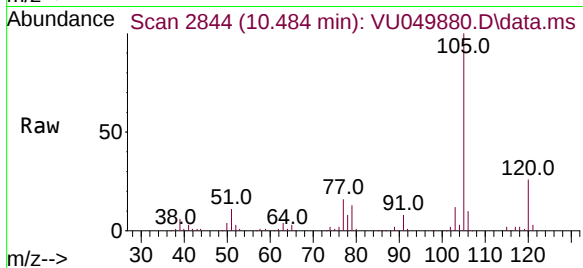




#60
Isopropylbenzene
Concen: 5.037 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

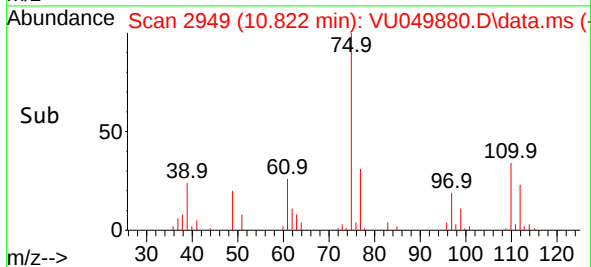
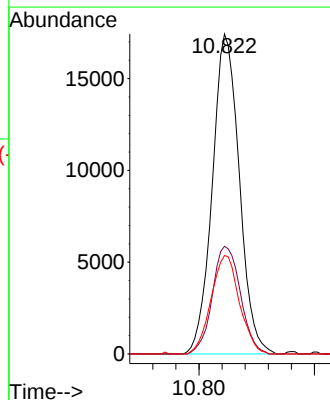
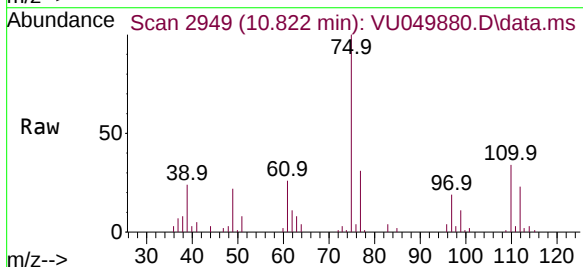
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

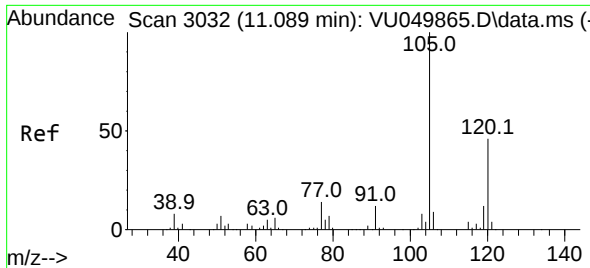
Tgt Ion:105 Resp: 146598
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6
77 16.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 4.819 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion: 75 Resp: 28247
Ion Ratio Lower Upper
75 100
110 35.0 28.0 42.0
77 32.3 25.4 38.2

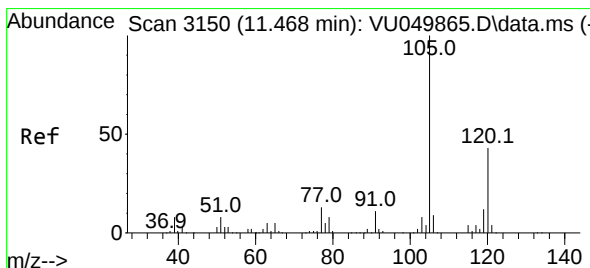
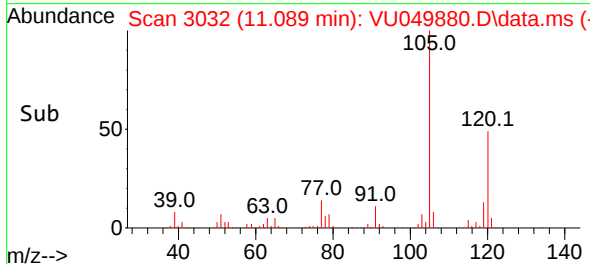
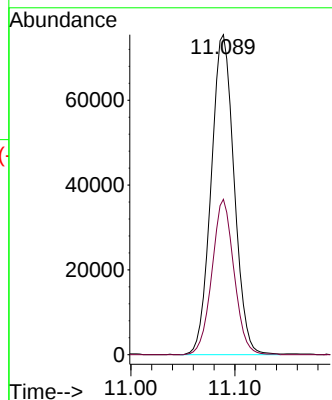
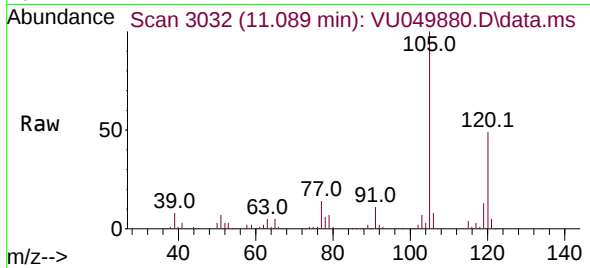




#62
 1,3,5-Trimethylbenzene
 Concen: 4.715 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

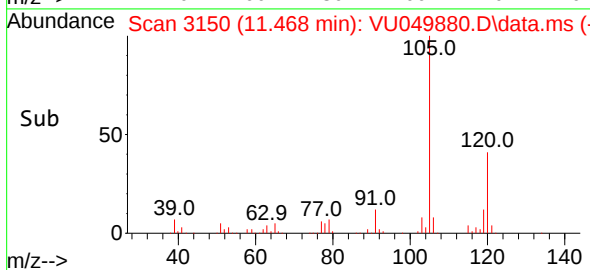
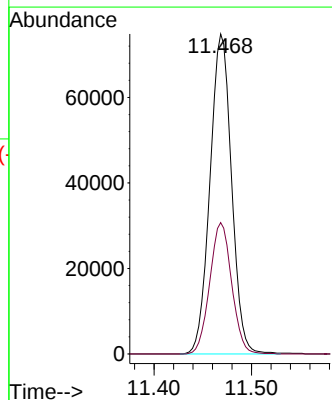
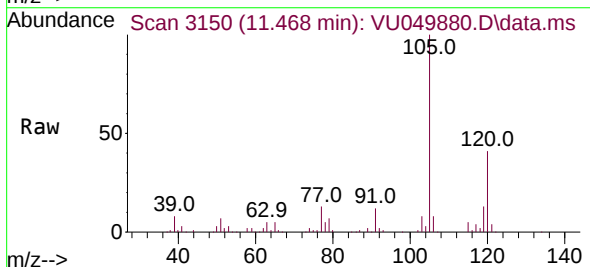
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

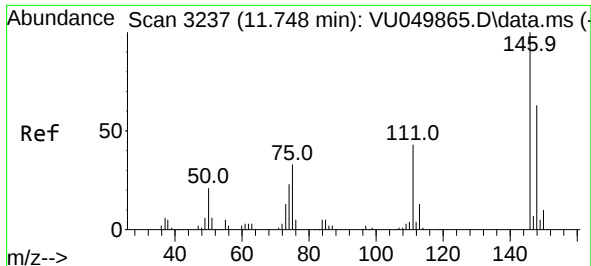
Tgt Ion:105 Resp: 115959
 Ion Ratio Lower Upper
 105 100
 120 46.6 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.822 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049880.D
 Acq: 25 Jul 2022 20:31

Tgt Ion:105 Resp: 115096
 Ion Ratio Lower Upper
 105 100
 120 41.7 34.2 51.4

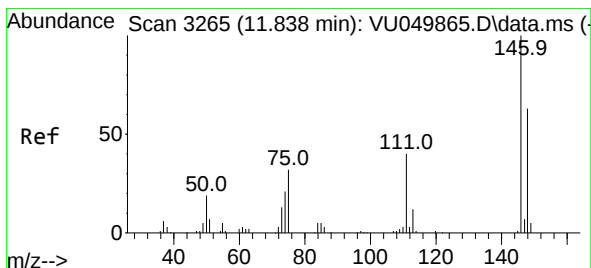
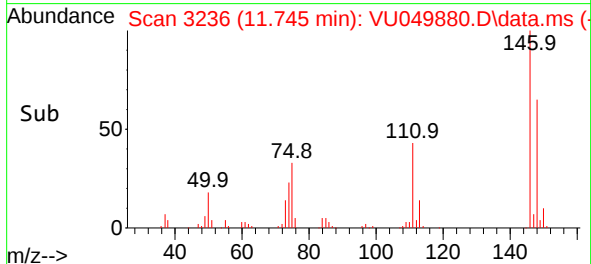
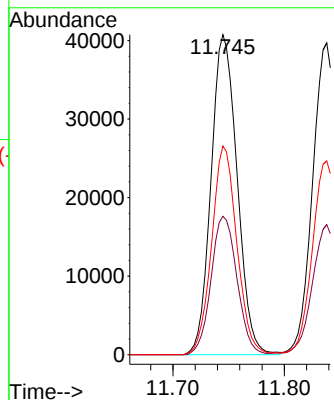
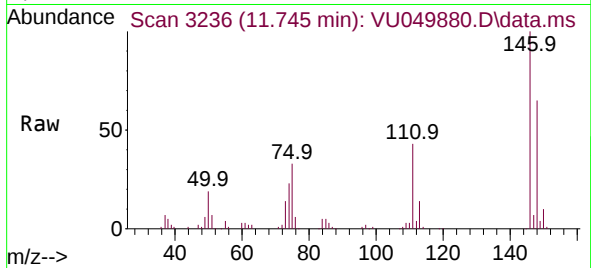




#64
1,3-Dichlorobenzene
Concen: 4.606 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

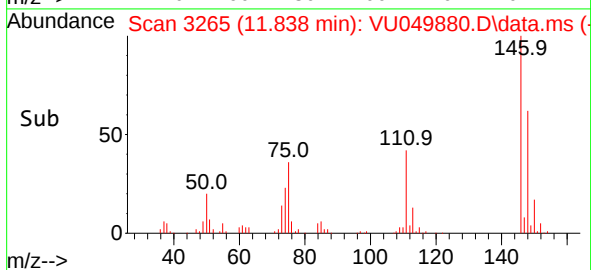
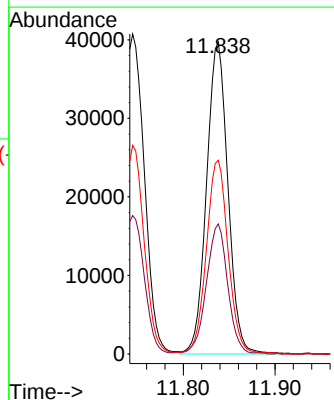
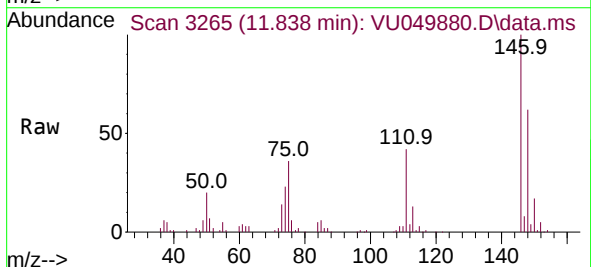
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

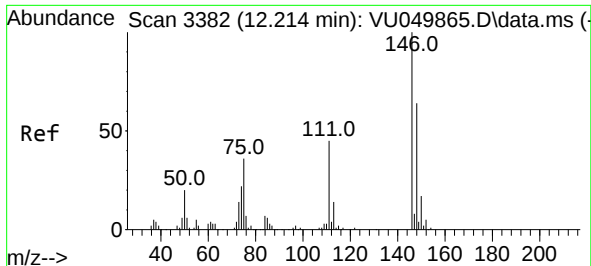
Tgt Ion:146 Resp: 66276
Ion Ratio Lower Upper
146 100
111 43.2 30.0 55.8
148 65.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.519 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:146 Resp: 64335
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.7
148 62.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.589 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005129

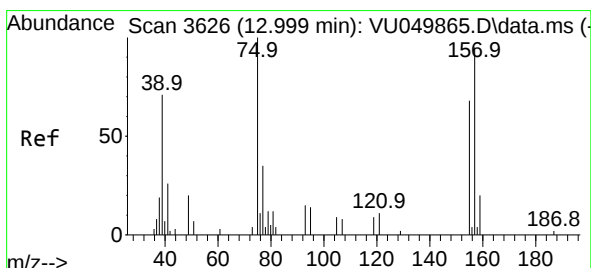
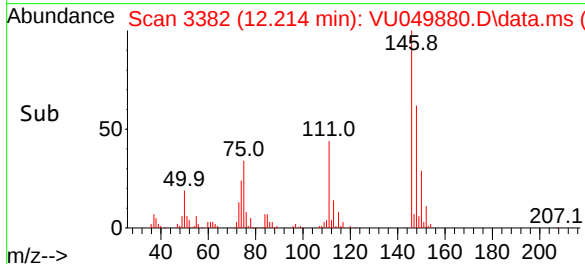
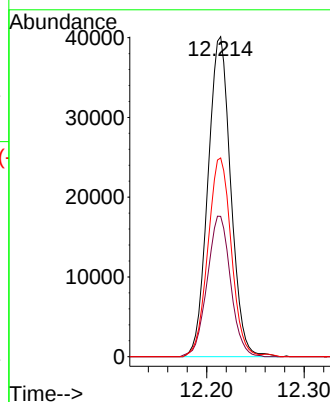
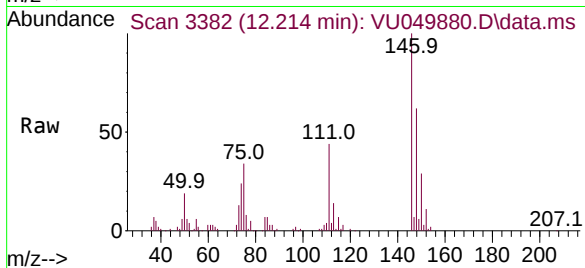
Tgt Ion:146 Resp: 65236

Ion Ratio Lower Upper

146 100

111 43.8 35.8 53.8

148 62.1 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.647 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU049880.D

Acq: 25 Jul 2022 20:31

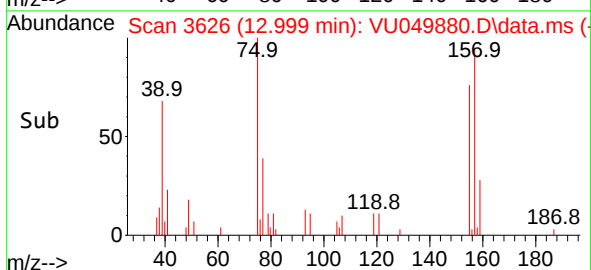
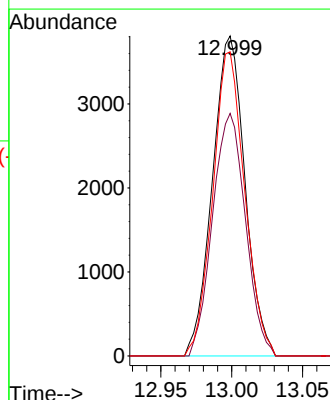
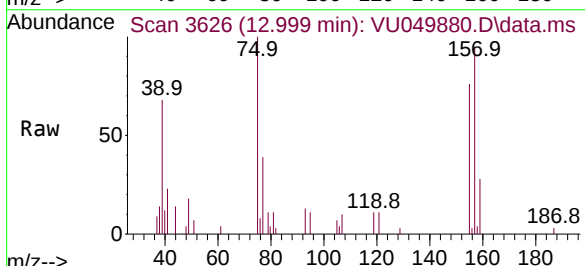
Tgt Ion: 75 Resp: 6093

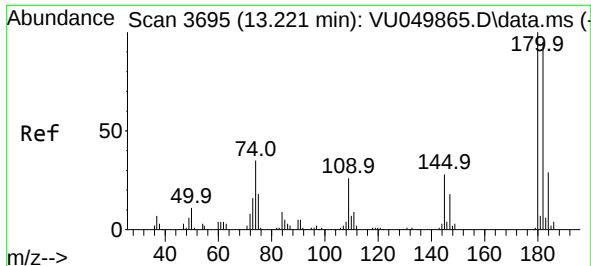
Ion Ratio Lower Upper

75 100

155 75.8 60.4 90.6

157 95.0 70.0 105.0

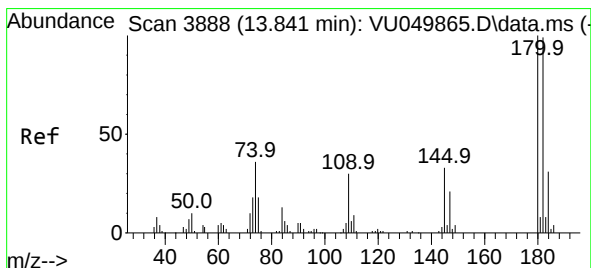
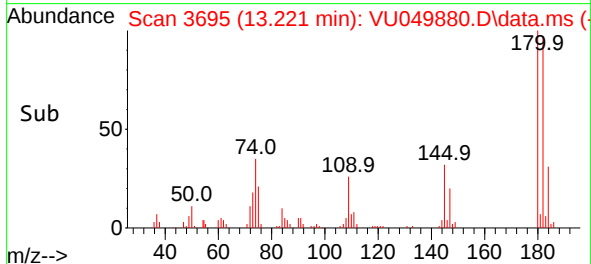
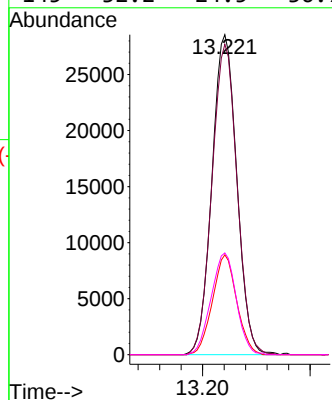
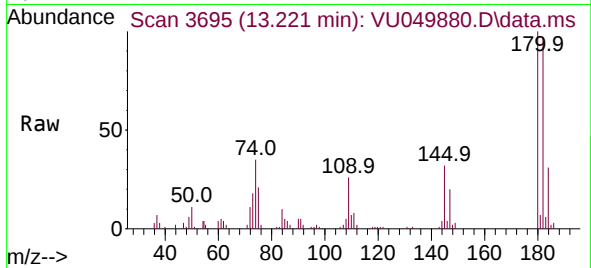




#69
1,3,5-Trichlorobenzene
Concen: 4.306 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

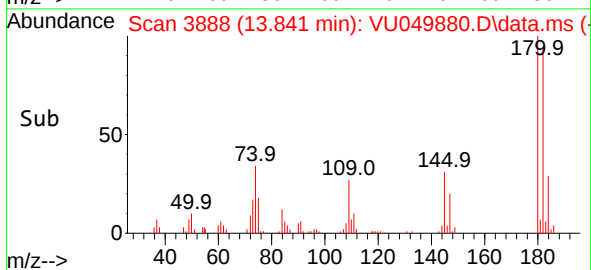
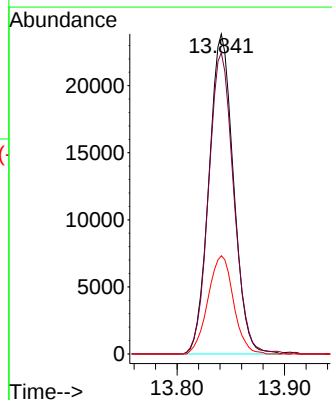
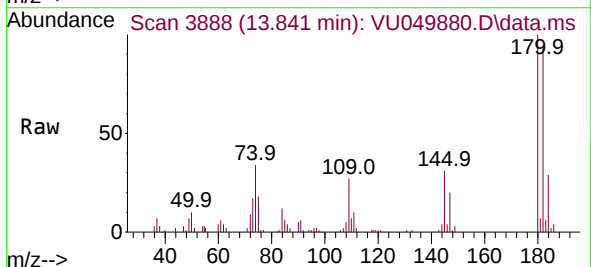
Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

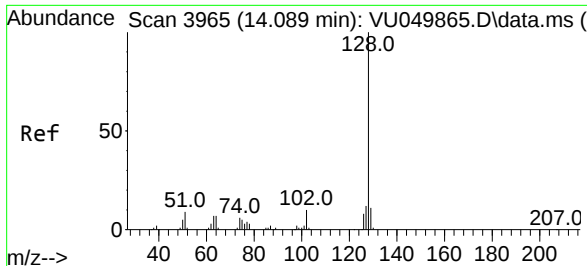
Tgt Ion:180 Resp: 45750
Ion Ratio Lower Upper
180 100
182 98.0 77.2 115.8
184 30.4 25.3 37.9
145 32.2 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 4.242 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:180 Resp: 37840
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.4
145 31.9 26.1 39.1

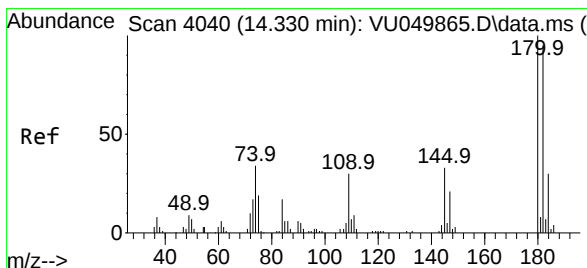
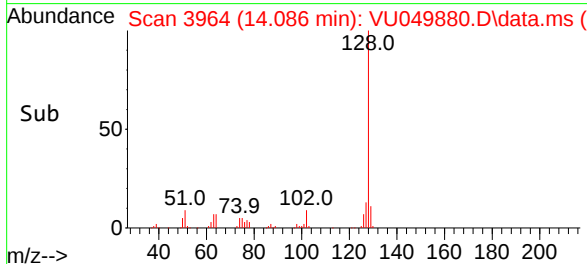
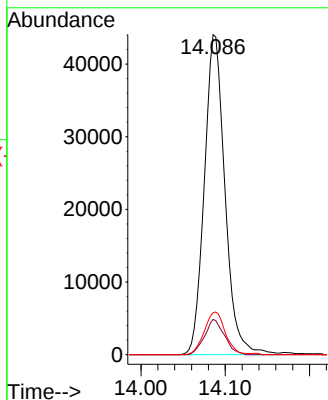
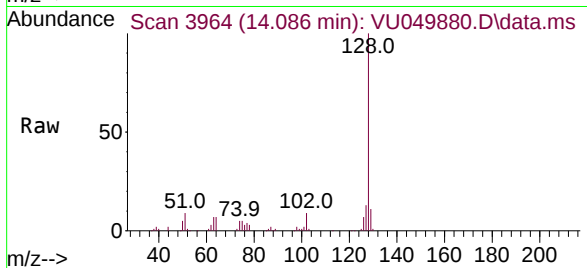




#71
Naphthalene
Concen: 4.317 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005129

Tgt Ion:	128	Resp:	75080
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.2	12.4
127	13.6	11.1	16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.392 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049880.D
Acq: 25 Jul 2022 20:31

Tgt Ion:	180	Resp:	37650
Ion Ratio	Lower	Upper	
180	100		
182	95.8	73.9	110.9
145	34.2	27.8	41.6

