

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049846.D
 Acq On : 22 Jul 2022 11:49
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020042

Quant Time: Jul 23 00:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101710	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	97356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	160257	18.342	ug/L	0.00
7) Chloroethane-d5	1.909	69	128886	21.030	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	69651	19.417	ug/L	0.00
20) 2-Butanone-d5	4.632	46	636063	253.889	ug/L	0.00
24) Chloroform-d	5.063	84	374608	25.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	210292	25.863	ug/L	0.00
32) Benzene-d6	5.726	84	683055	22.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	240219	23.470	ug/L	0.00
41) Toluene-d8	7.899	98	607246	22.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	90491	20.778	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	401592	227.813	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	198666	23.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	223013	21.526	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	207398	22.129	ug/L	98
3) Chloromethane	1.520	50	257561	25.300	ug/L	99
5) Vinyl chloride	1.600	62	221399	24.337	ug/L	100
6) Bromomethane	1.854	94	120871	24.442	ug/L	96
8) Chloroethane	1.932	64	116906	22.299	ug/L	99
9) Trichlorofluoromethane	2.134	101	260966	23.897	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	129212	20.767	ug/L	98
12) 1,1-Dichloroethene	2.575	96	136955	22.939	ug/L	94
13) Acetone	2.649	43	365262	280.629	ug/L	97
14) Carbon disulfide	2.787	76	424355	21.874	ug/L	99
15) Methyl Acetate	2.954	43	91641	27.756	ug/L	99
16) Methylene chloride	3.041	84	198230	23.362	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	480716	26.763	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	159514	24.023	ug/L	94
19) 1,1-Dichloroethane	3.867	63	351289	26.361	ug/L	97
21) 2-Butanone	4.713	43	646155	267.062	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	194716	26.025	ug/L	96
23) Bromochloromethane	4.973	128	88729	27.597	ug/L	98
25) Chloroform	5.089	83	361155	26.652	ug/L	99
27) 1,2-Dichloroethane	5.793	62	246786	27.435	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	290637	23.937	ug/L	98
30) Cyclohexane	5.388	56	241464	18.425	ug/L	99
31) Carbon tetrachloride	5.523	117	233996	22.974	ug/L	98
33) Benzene	5.774	78	757894	25.147	ug/L	100
34) Trichloroethene	6.542	95	183440	24.007	ug/L	98
35) Methylcyclohexane	6.764	83	230677	18.739	ug/L	97
37) 1,2-Dichloropropane	6.790	63	209827	25.184	ug/L	100
38) Bromodichloromethane	7.105	83	267055	26.195	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	305952	24.925	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1568953	254.415	ug/L	99
42) Toluene	7.970	91	780622	24.504	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	262345	24.663	ug/L	99

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

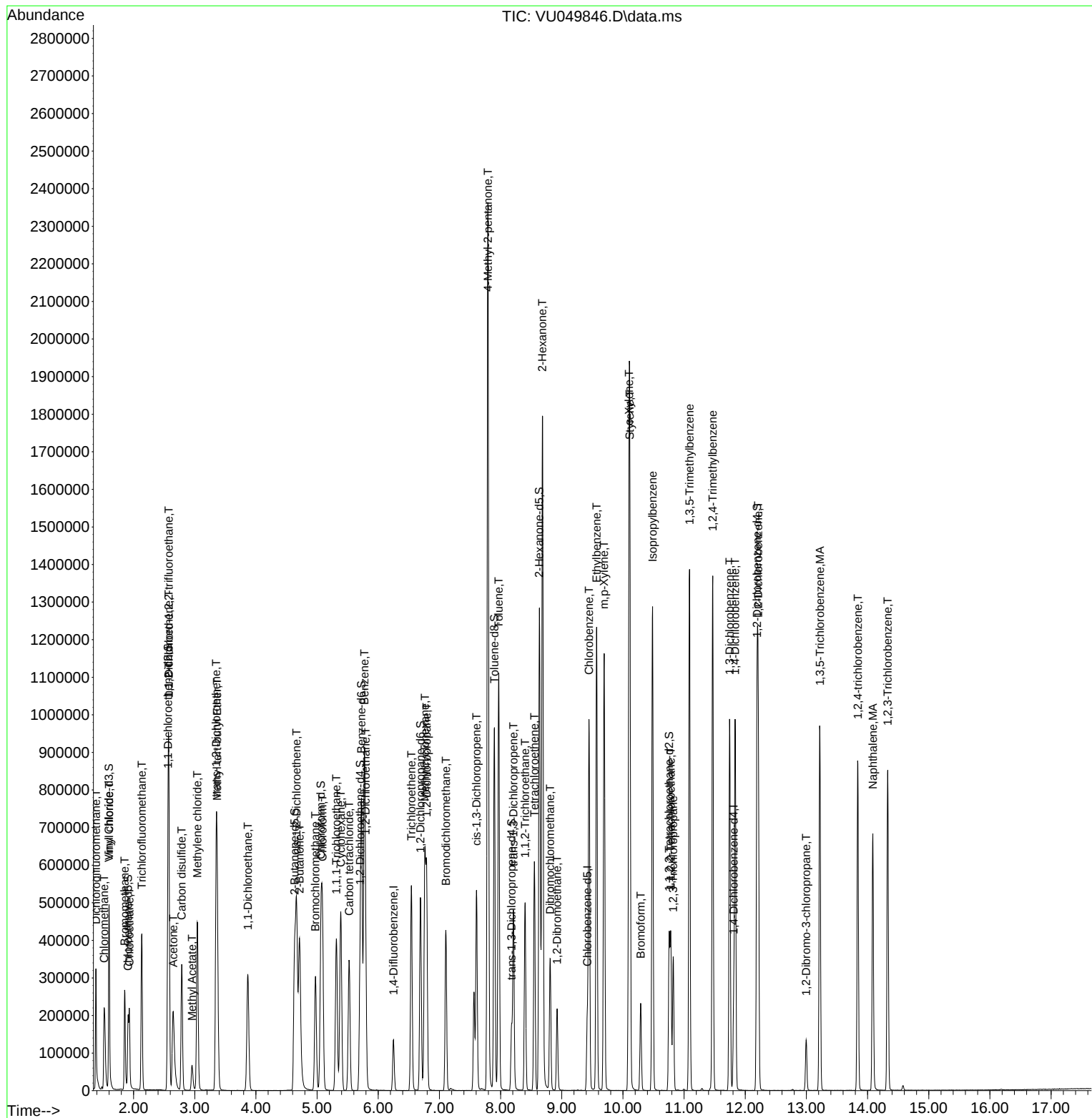
45) 1,1,2-Trichloroethane	8.401	97	147968	25.207	ug/L	99
47) Tetrachloroethene	8.552	164	124960	23.456	ug/L	99
48) 2-Hexanone	8.684	43	1151592	257.532	ug/L	98
49) Dibromochloromethane	8.812	129	170137	25.570	ug/L	94
50) 1,2-Dibromoethane	8.925	107	136509	25.489	ug/L	98
51) Chlorobenzene	9.446	112	479980	24.806	ug/L	99
52) Ethylbenzene	9.571	91	837597	24.474	ug/L	99
53) m,p-Xylene	9.693	106	306470	24.251	ug/L	96
54) o-Xylene	10.098	106	306741	24.445	ug/L	97
55) Styrene	10.115	104	539987	25.661	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	198690	25.740	ug/L	95
59) Bromoform	10.291	173	98000	23.706	ug/L	99
60) Isopropylbenzene	10.484	105	796767	21.736	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	142357	22.525	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	707455	22.103	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	709544	22.593	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	370592	22.940	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	363031	22.928	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	355165	23.223	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	35016	21.282	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	277523	23.400	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	245020	25.778	ug/L	99
71) Naphthalene	14.085	128	510760	27.286	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	236309	26.199	ug/L	96

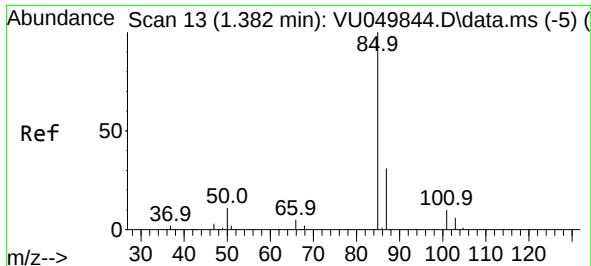
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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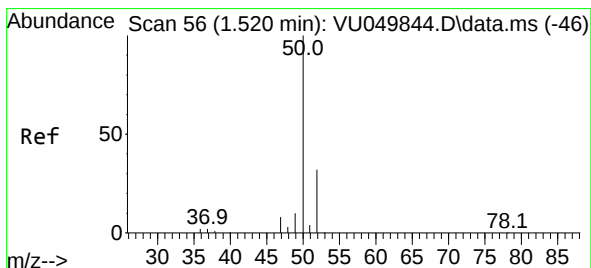
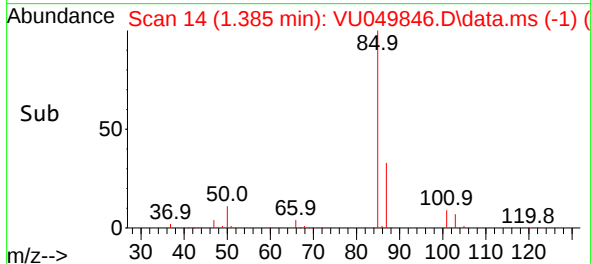
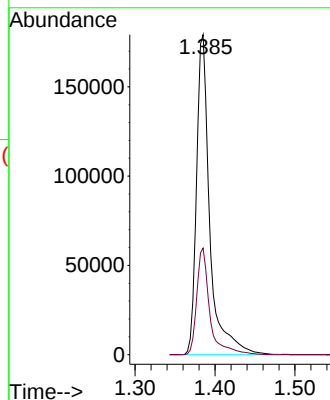
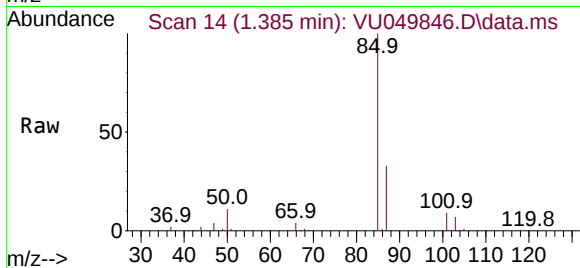




#2
Dichlorodifluoromethane
Concen: 22.129 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

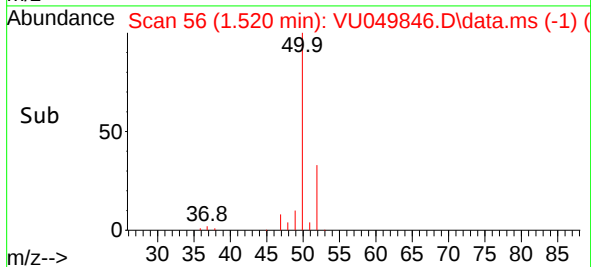
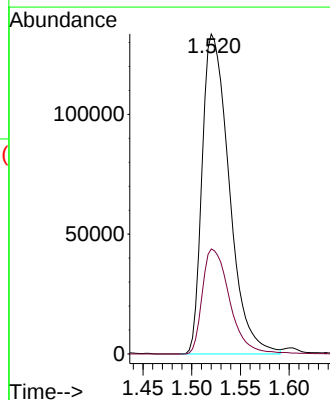
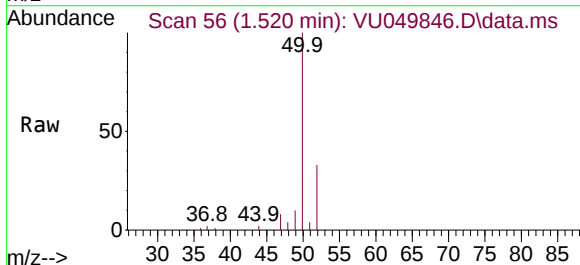
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

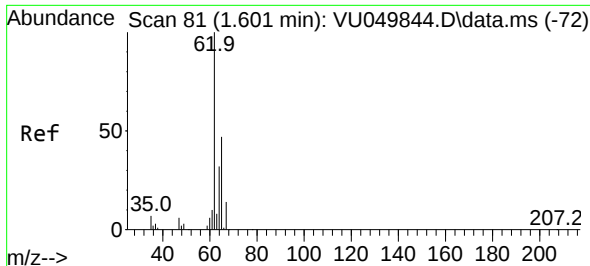
Tgt Ion: 85 Resp: 207398
Ion Ratio Lower Upper
85 100
87 32.8 25.4 38.2



#3
Chloromethane
Concen: 25.300 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

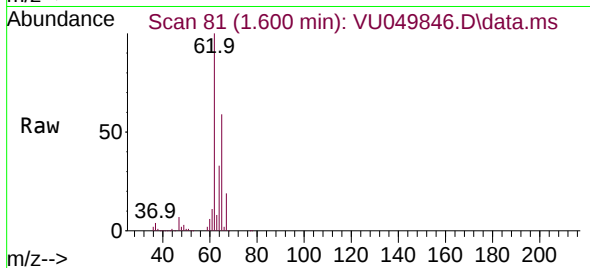
Tgt Ion: 50 Resp: 257561
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.7



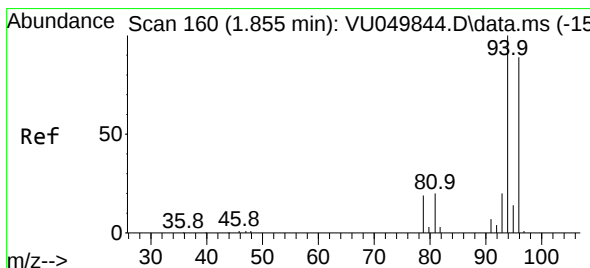
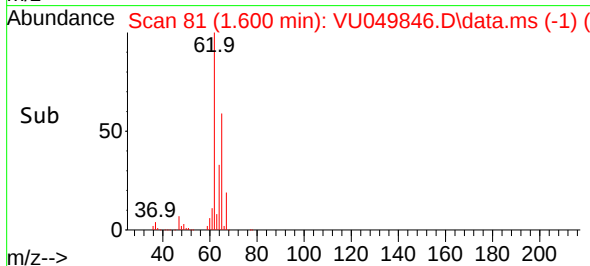
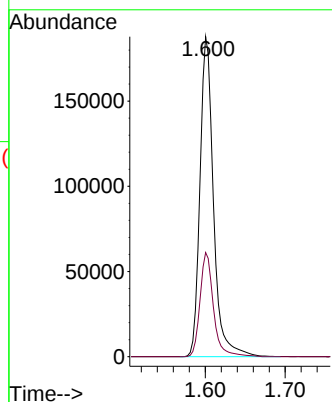


#5
 Vinyl chloride
 Concen: 24.337 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049846.D
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Instrument :
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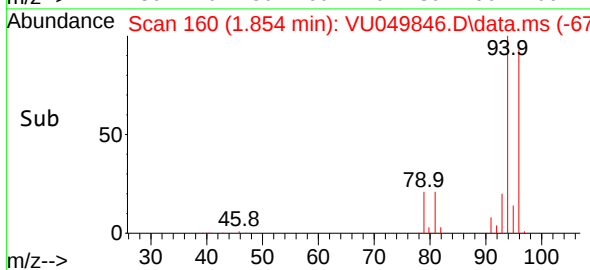
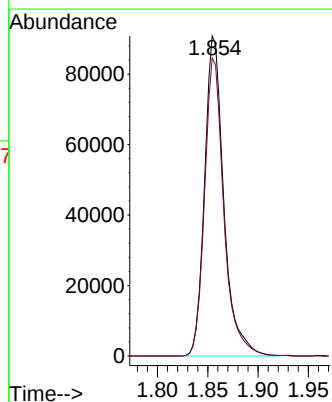
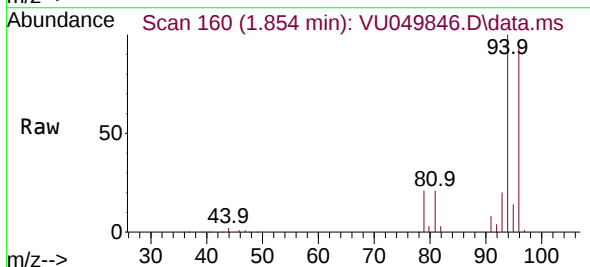


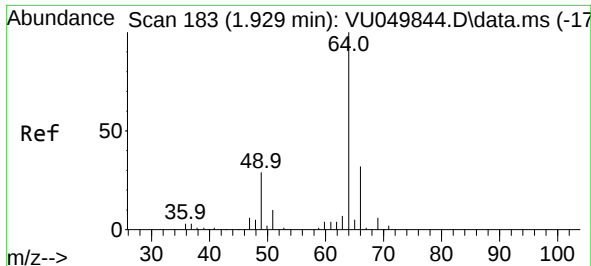
Tgt Ion: 62 Resp: 221399
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 24.442 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

Tgt Ion: 94 Resp: 120871
 Ion Ratio Lower Upper
 94 100
 96 93.1 62.6 116.3

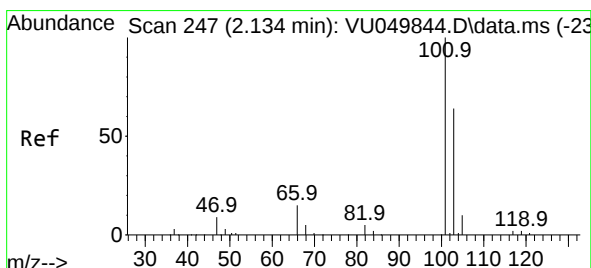
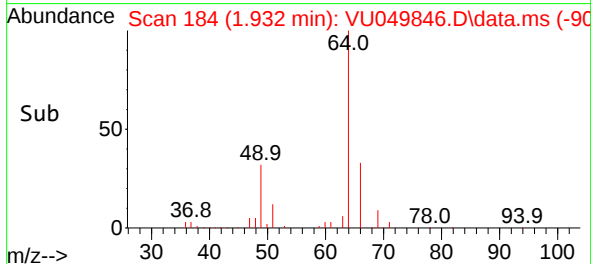
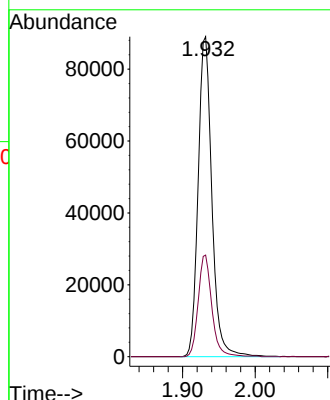
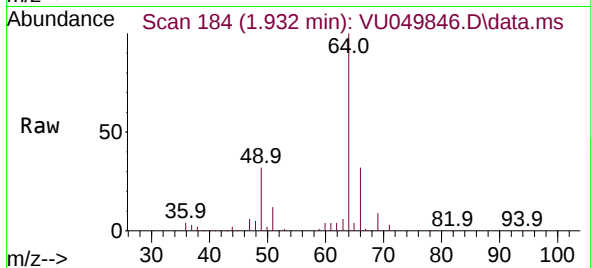




#8
Chloroethane
Concen: 22.299 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

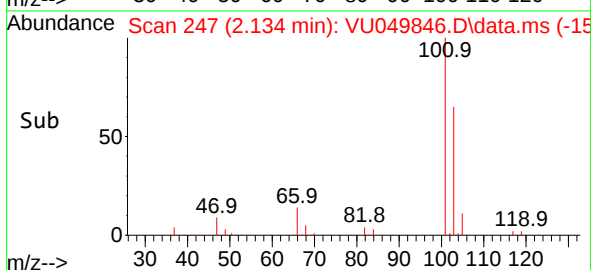
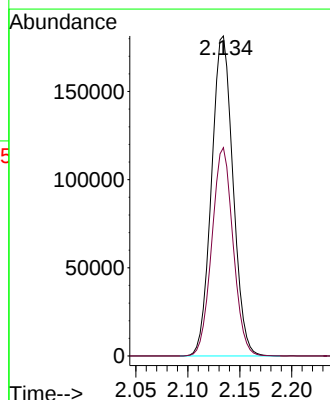
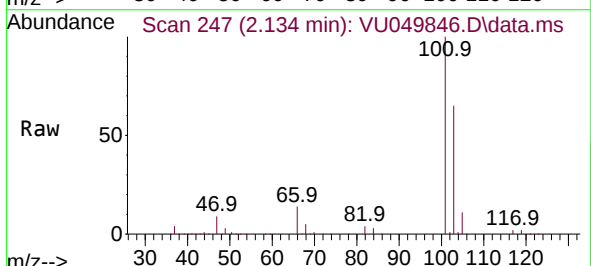
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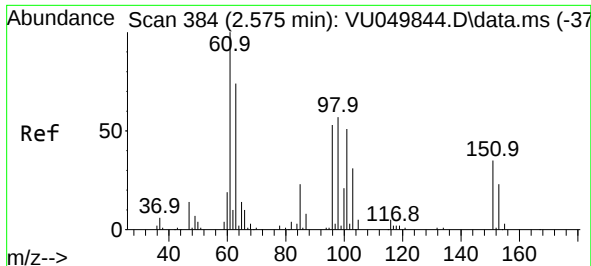
Tgt Ion: 64 Resp: 116906
Ion Ratio Lower Upper
64 100
66 31.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.897 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion:101 Resp: 260966
Ion Ratio Lower Upper
101 100
103 64.4 50.8 76.2

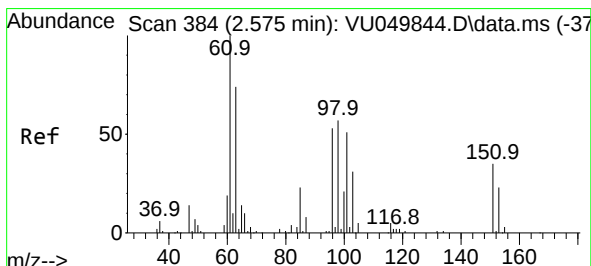
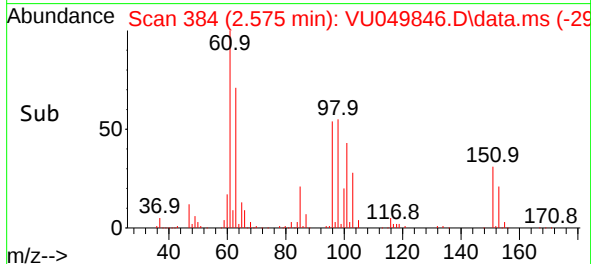
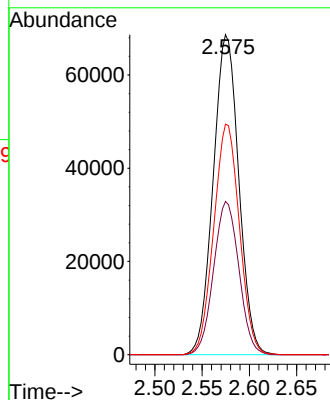
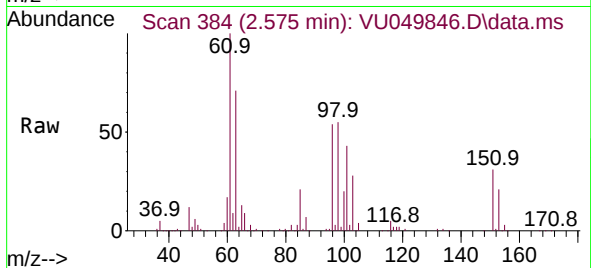




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.767 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049846.D
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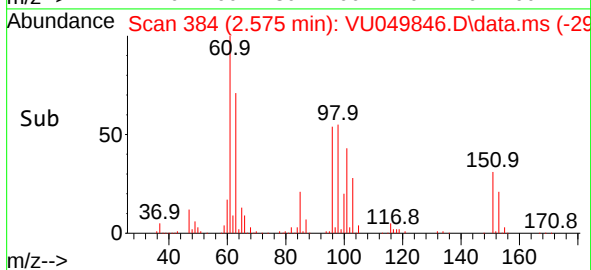
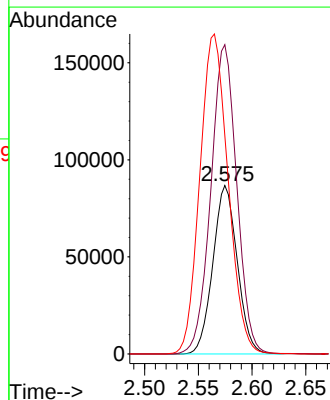
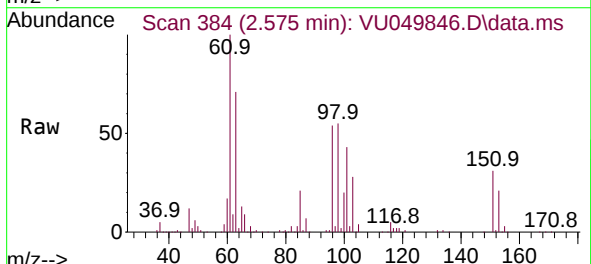
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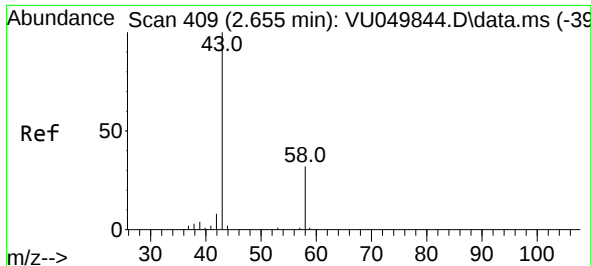
Tgt Ion:101 Resp: 129212
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.2 55.8
 151 72.5 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 22.939 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

Tgt Ion: 96 Resp: 136955
 Ion Ratio Lower Upper
 96 100
 61 183.7 131.6 244.4
 63 129.6 100.0 185.6

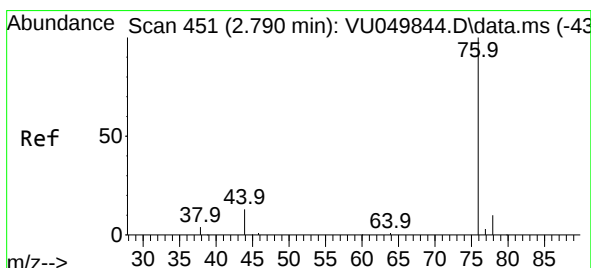
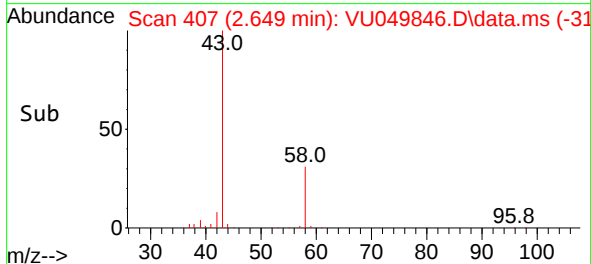
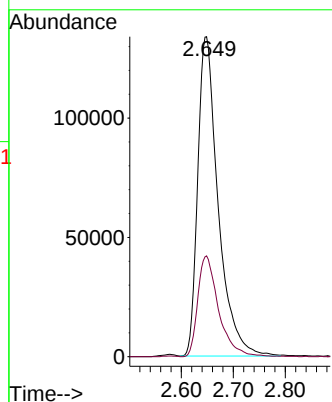
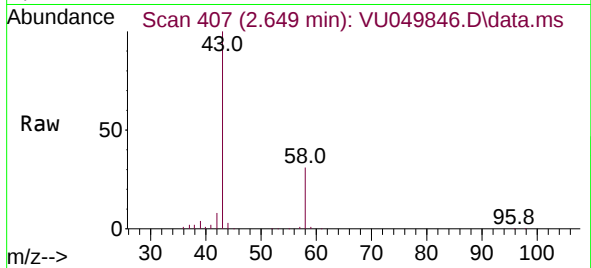




#13
Acetone
Concen: 280.629 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.007 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

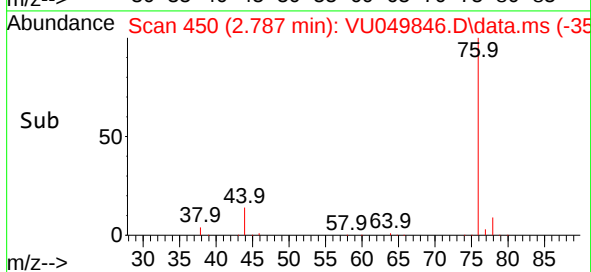
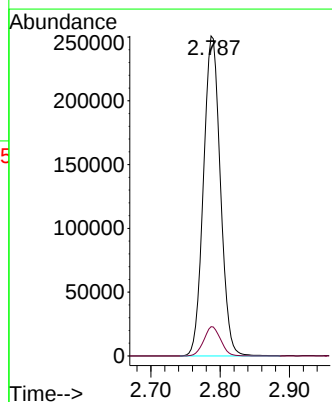
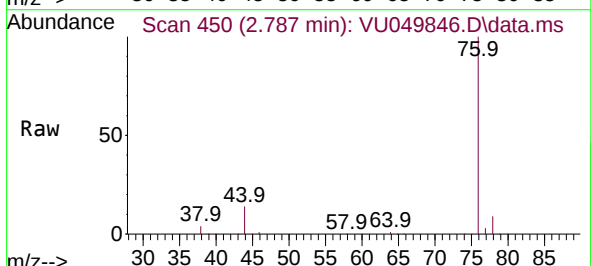
Instrument :
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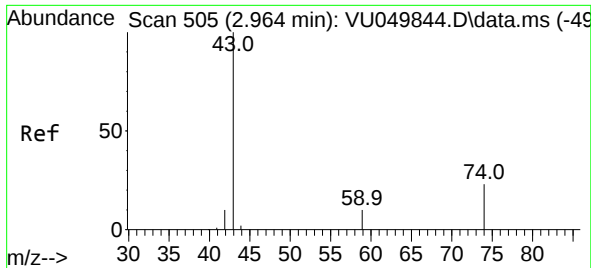
Tgt Ion: 43 Resp: 365262
Ion Ratio Lower Upper
43 100
58 32.2 0.0 61.0



#14
Carbon disulfide
Concen: 21.874 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 76 Resp: 424355
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

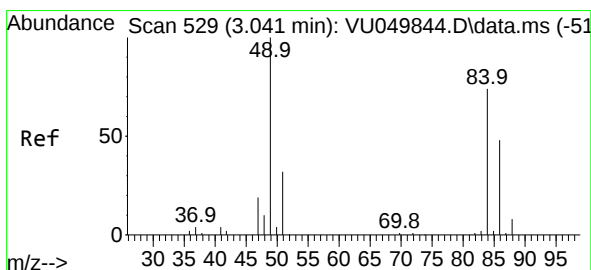
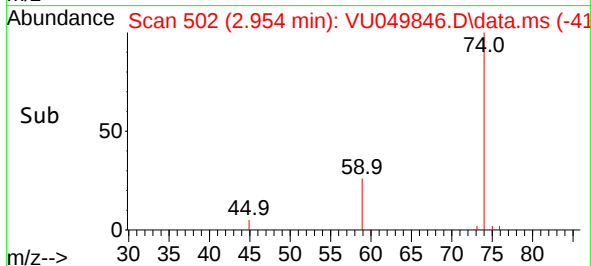
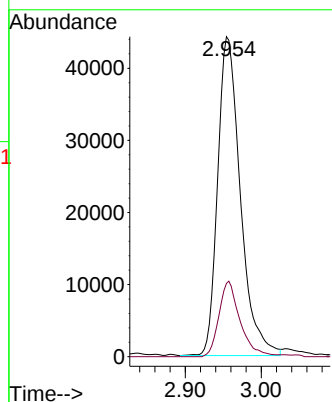
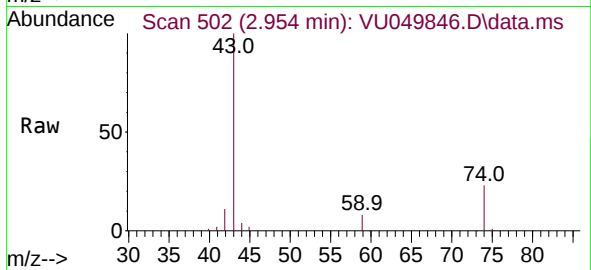




#15
Methyl Acetate
Concen: 27.756 ug/L
RT: 2.954 min Scan# 505
Delta R.T. -0.010 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

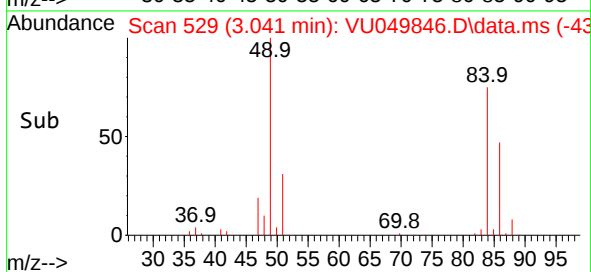
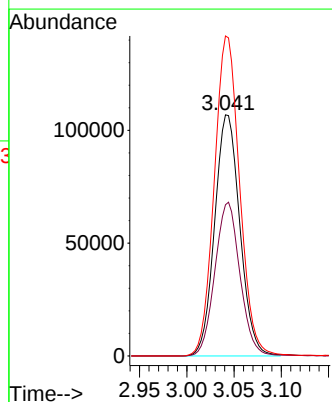
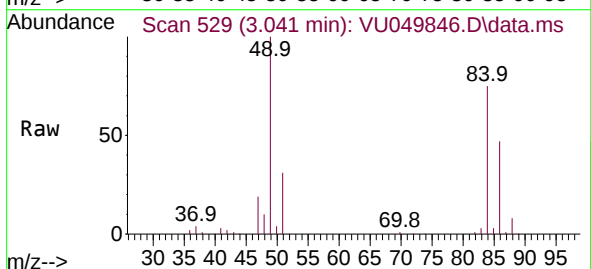
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

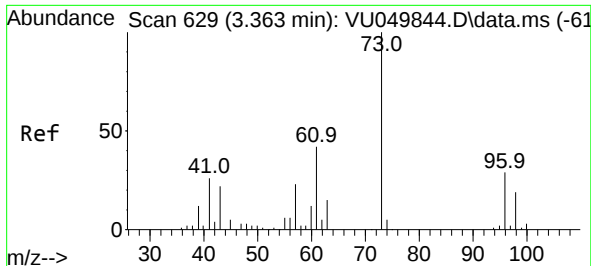
Tgt Ion: 43 Resp: 91641
Ion Ratio Lower Upper
43 100
74 22.1 17.1 25.7



#16
Methylene chloride
Concen: 23.362 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 84 Resp: 198230
Ion Ratio Lower Upper
84 100
86 62.7 45.5 84.5
49 132.7 94.1 174.8

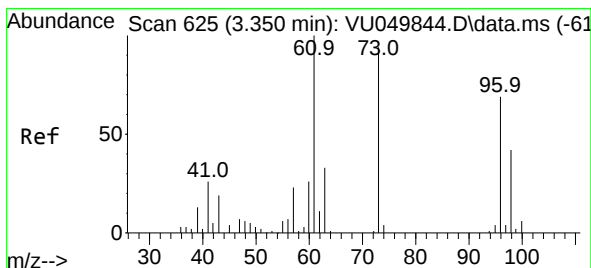
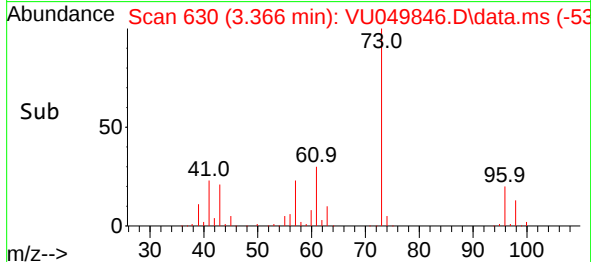
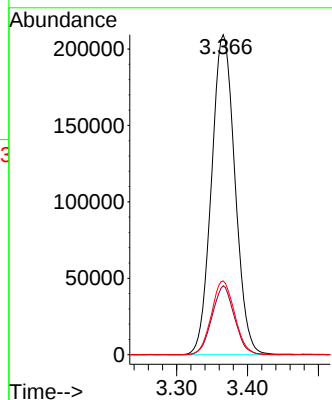
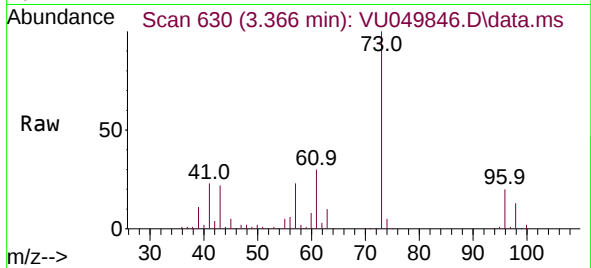




#17
Methyl tert-butyl Ether
Concen: 26.763 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

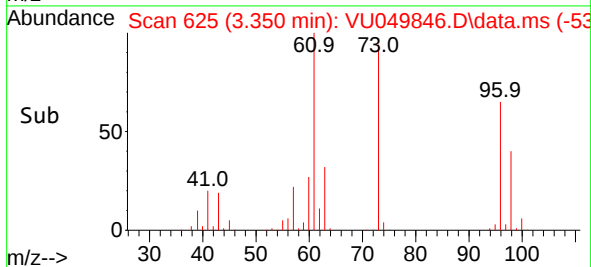
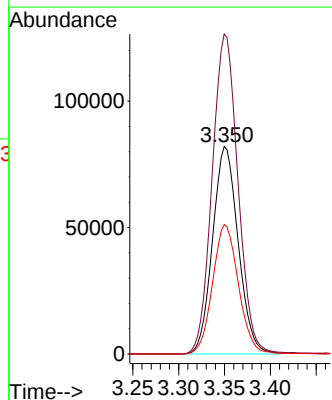
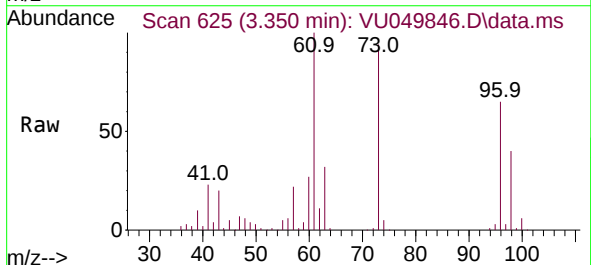
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

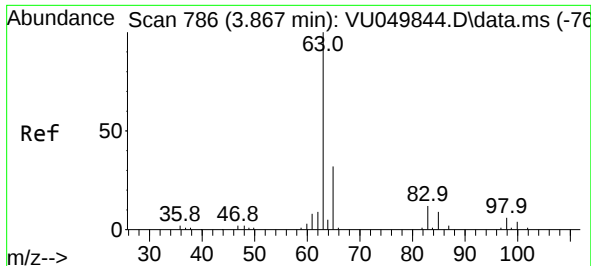
Tgt Ion: 73 Resp: 480716
Ion Ratio Lower Upper
73 100
43 20.7 17.4 26.2
57 22.8 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 24.023 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 96 Resp: 159514
Ion Ratio Lower Upper
96 100
61 154.2 101.5 188.5
98 62.4 42.5 78.9

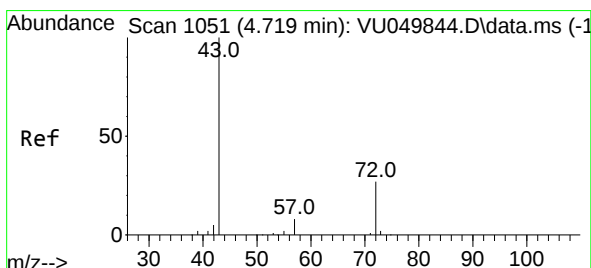
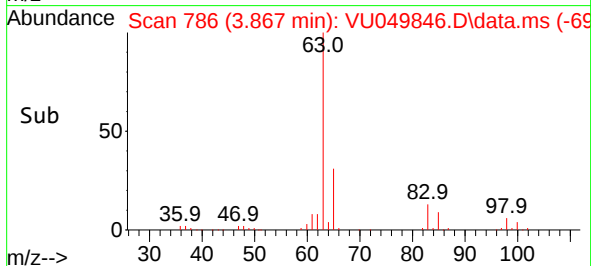
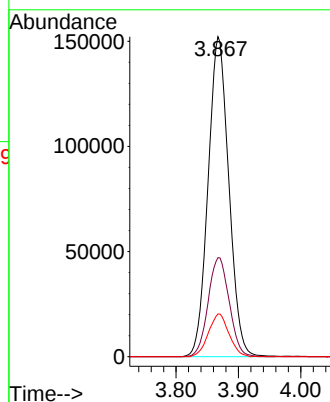
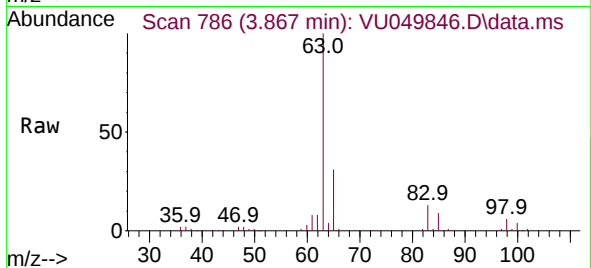




#19
1,1-Dichloroethane
Concen: 26.361 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

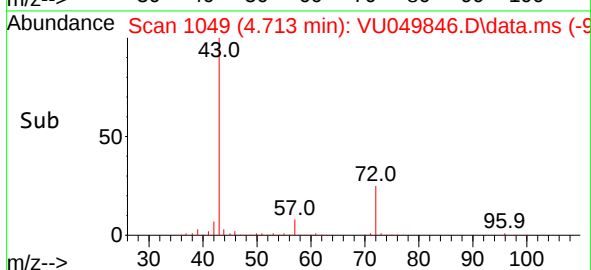
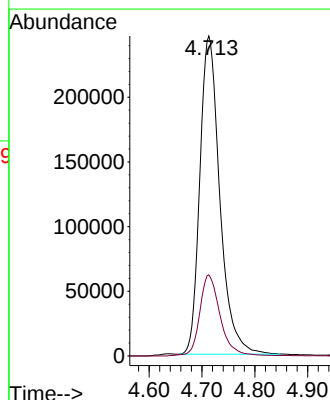
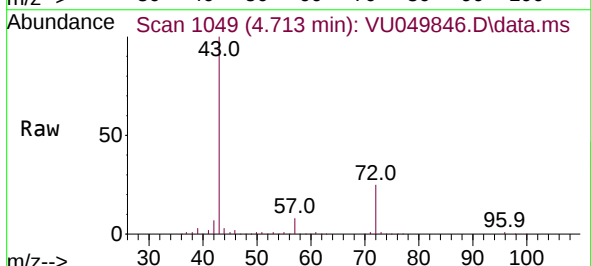
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

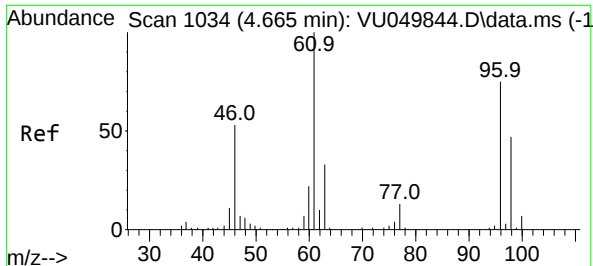
Tgt Ion: 63 Resp: 351289
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 13.3 8.3 15.5



#21
2-Butanone
Concen: 267.062 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. -0.007 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 43 Resp: 646155
Ion Ratio Lower Upper
43 100
72 26.1 11.9 35.5

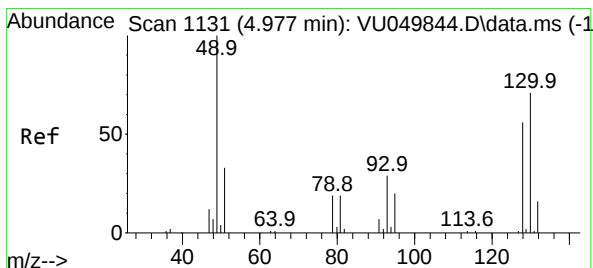
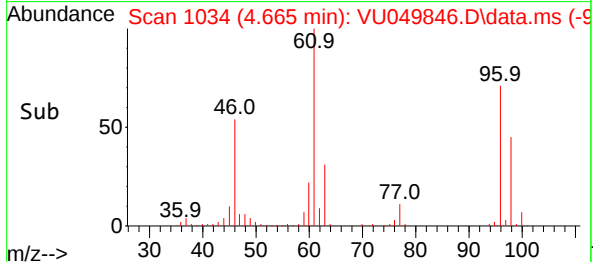
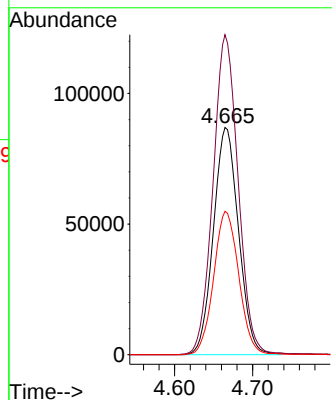
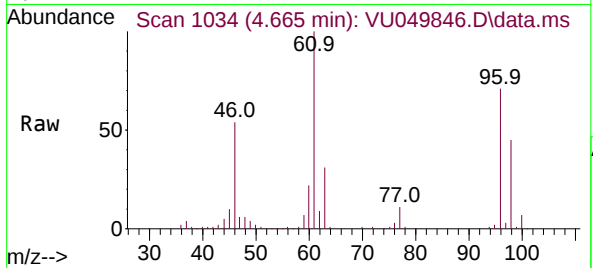




#22
 cis-1,2-Dichloroethene
 Concen: 26.025 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

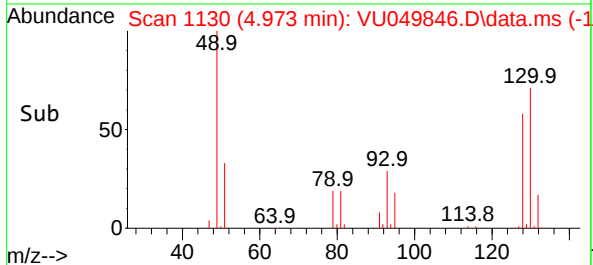
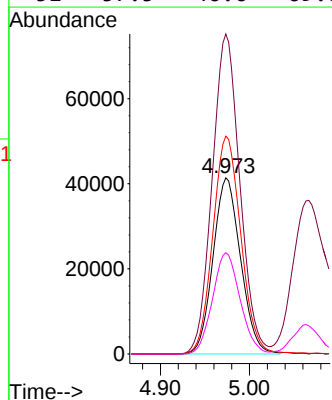
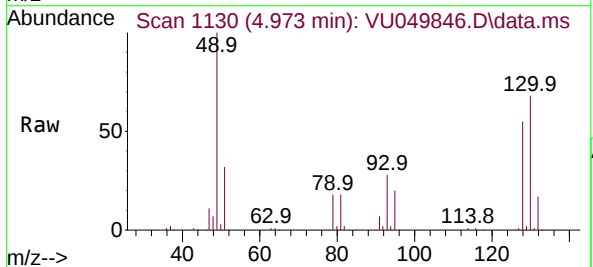
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020042

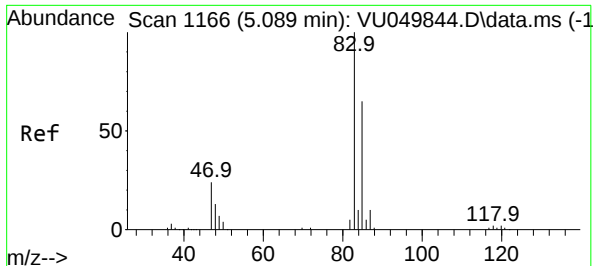
Tgt Ion: 96 Resp: 194716
 Ion Ratio Lower Upper
 96 100
 61 140.9 93.9 174.3
 98 63.1 43.9 81.5



#23
 Bromochloromethane
 Concen: 27.597 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.003 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

Tgt Ion: 128 Resp: 88729
 Ion Ratio Lower Upper
 128 100
 49 181.7 124.9 232.1
 130 123.6 88.5 164.3
 51 57.5 46.6 69.8





#25

Chloroform

Concen: 26.652 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

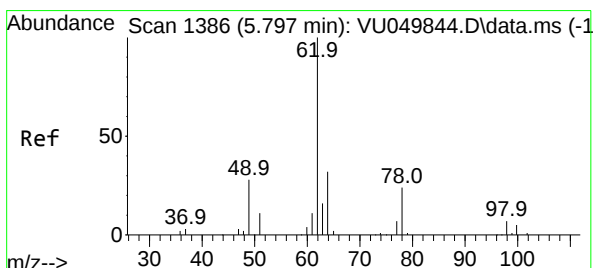
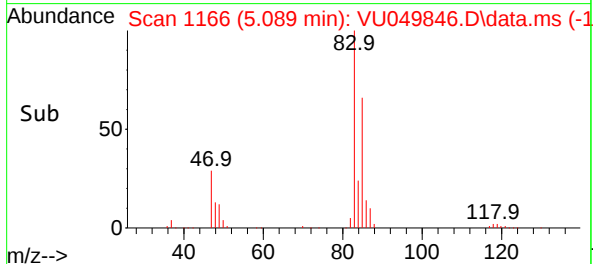
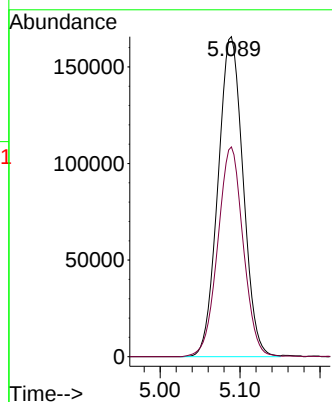
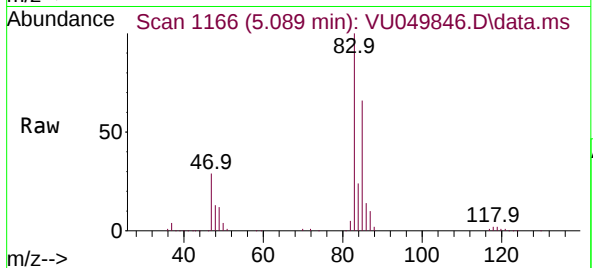
VSTD020042

Tgt Ion: 83 Resp: 361155

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 27.435 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU049846.D

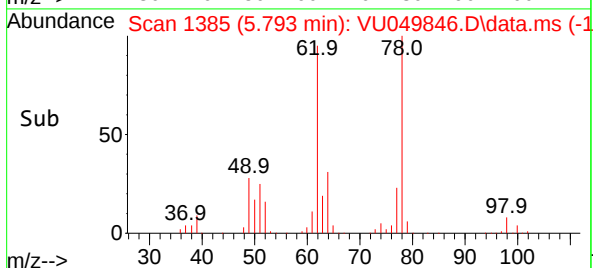
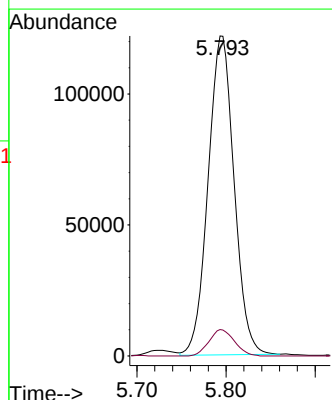
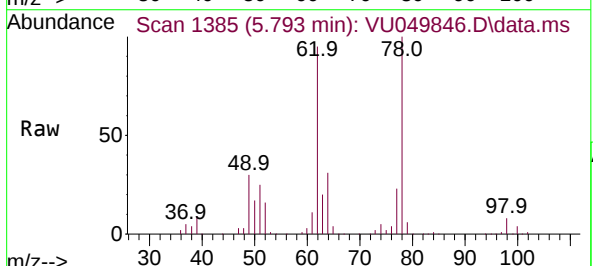
Acq: 22 Jul 2022 11:49

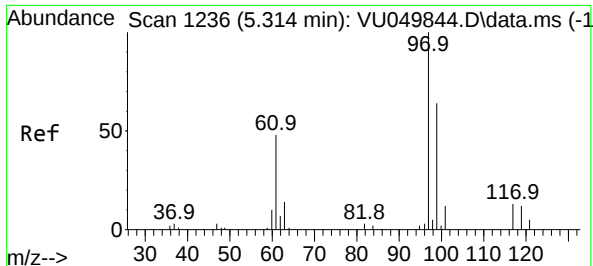
Tgt Ion: 62 Resp: 246786

Ion Ratio Lower Upper

62 100

98 8.3 5.9 8.9

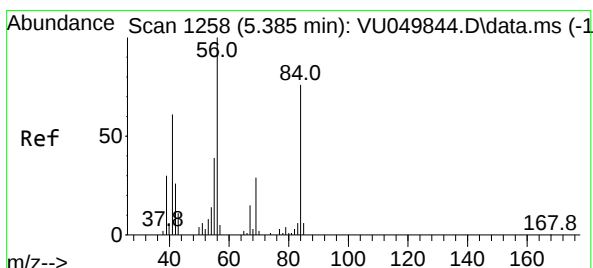
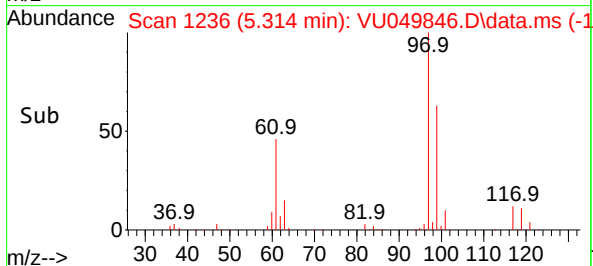
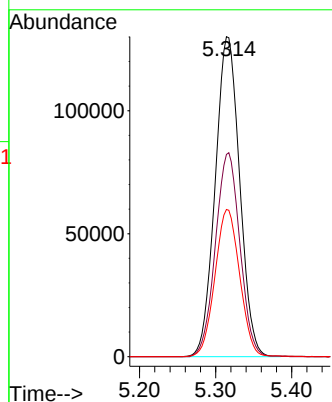
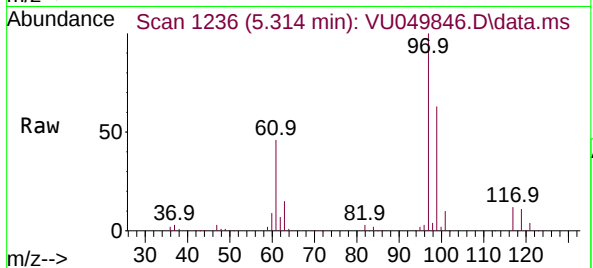




#29
1,1,1-Trichloroethane
Concen: 23.937 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

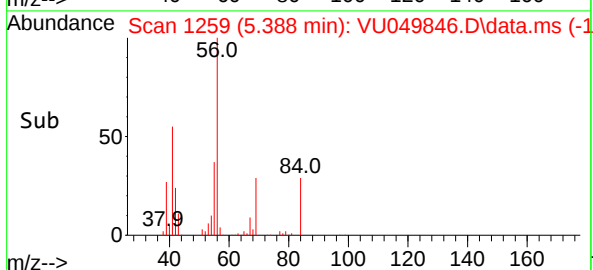
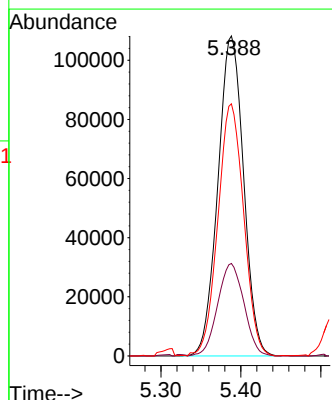
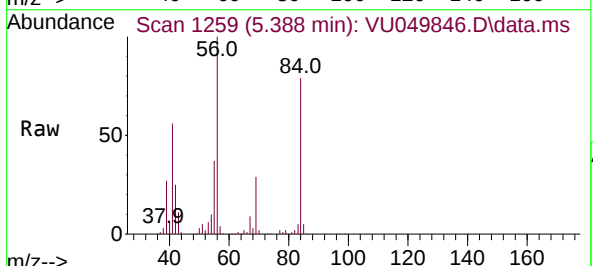
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

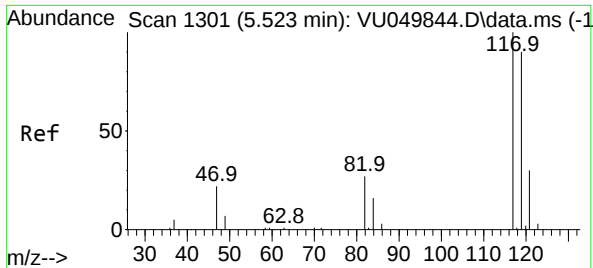
Tgt Ion: 97 Resp: 290637
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 46.4 38.3 57.5



#30
Cyclohexane
Concen: 18.425 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 56 Resp: 241464
Ion Ratio Lower Upper
56 100
69 29.5 22.8 34.2
84 79.0 63.0 94.6

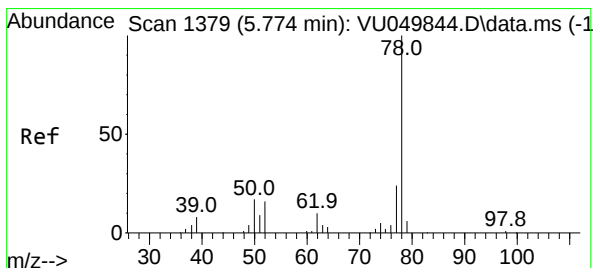
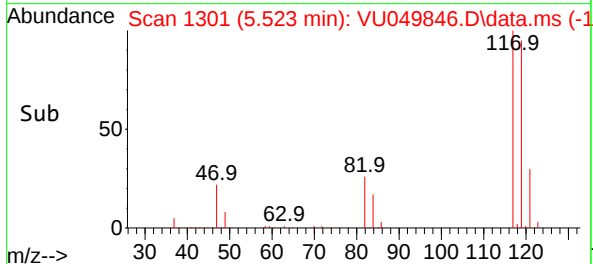
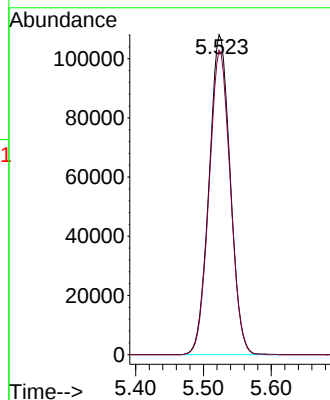
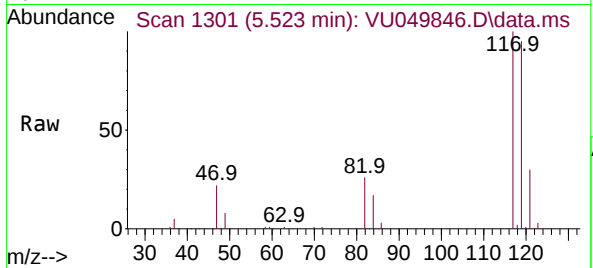




#31
Carbon tetrachloride
Concen: 22.974 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

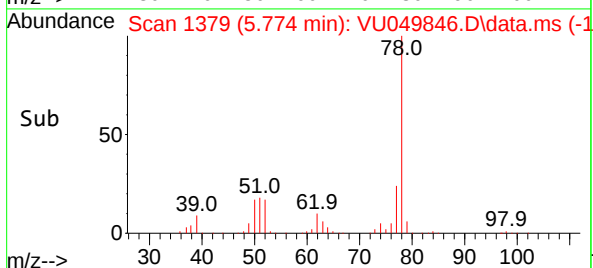
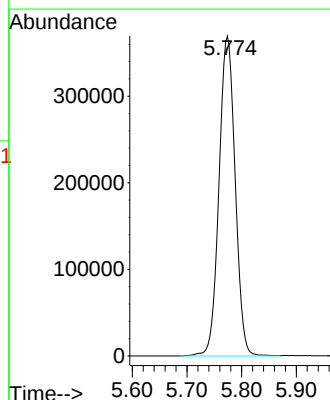
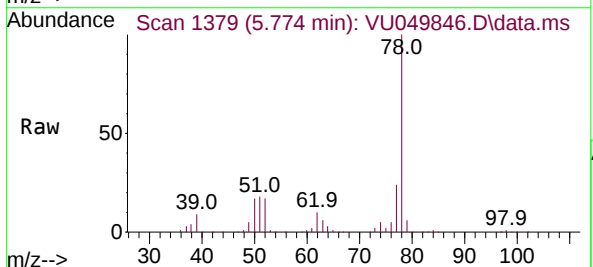
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

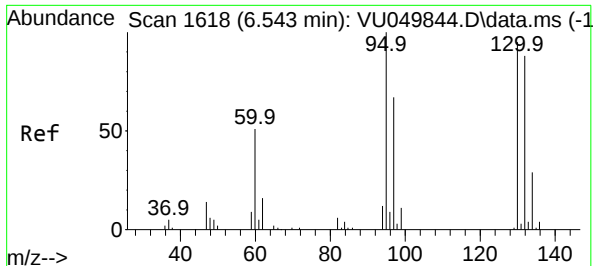
Tgt Ion:117 Resp: 233996
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8



#33
Benzene
Concen: 25.147 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 78 Resp: 757894

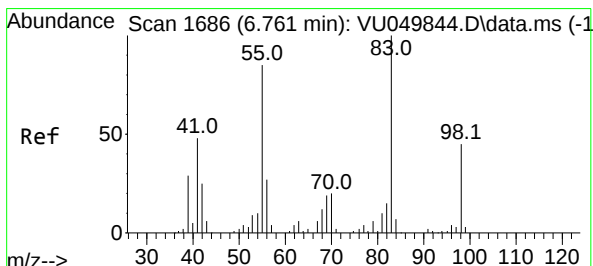
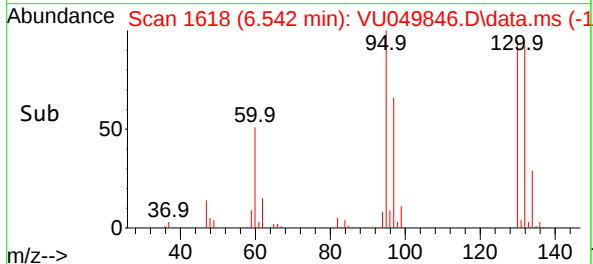
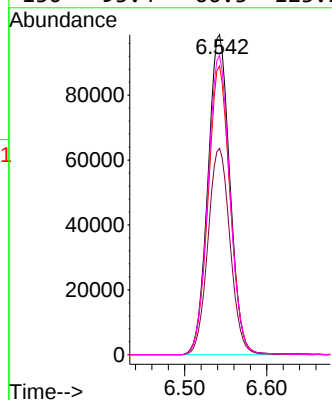
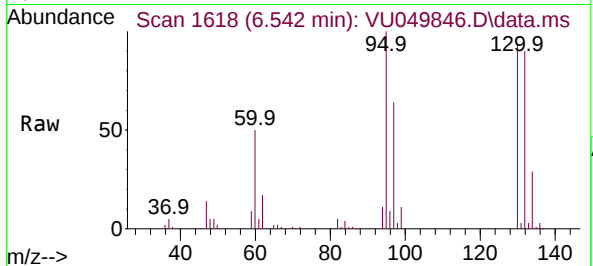




#34
Trichloroethene
Concen: 24.007 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

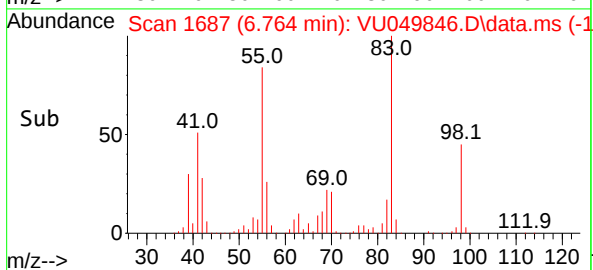
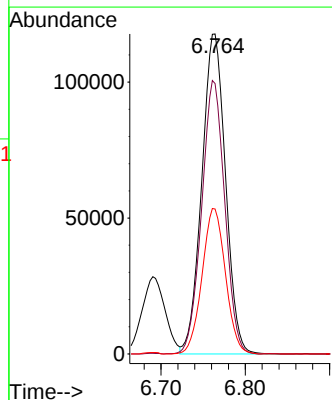
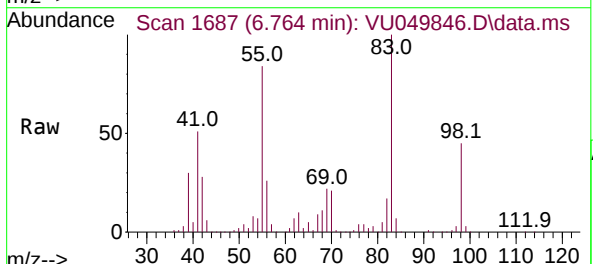
Instrument :
MSVOA_U
ClientSampleId :
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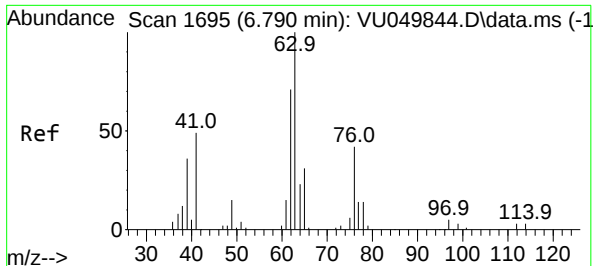
Tgt Ion: 95 Resp: 183440
Ion Ratio Lower Upper
95 100
97 64.5 46.8 86.8
132 90.3 61.8 114.8
130 93.4 66.3 123.1



#35
Methylcyclohexane
Concen: 18.739 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 83 Resp: 230677
Ion Ratio Lower Upper
83 100
55 83.0 69.0 103.4
98 44.8 36.4 54.6





#37

1,2-Dichloropropane

Concen: 25.184 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

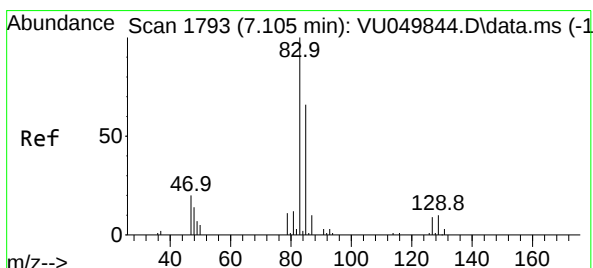
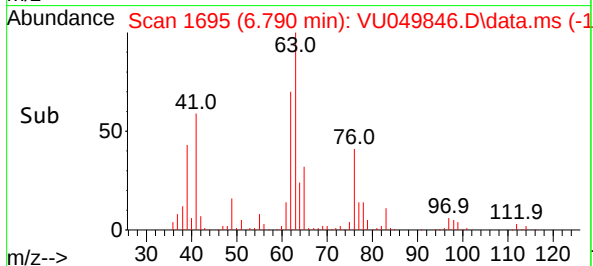
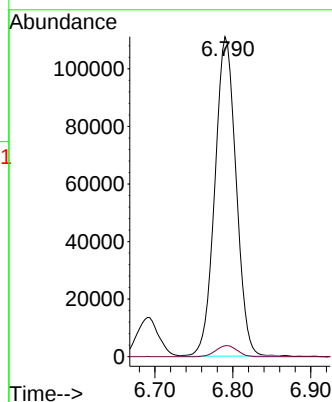
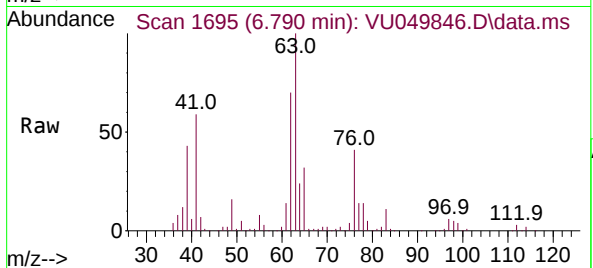
VSTD020042

Tgt Ion: 63 Resp: 209827

Ion Ratio Lower Upper

63 100

112 3.5 2.8 4.2



#38

Bromodichloromethane

Concen: 26.195 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

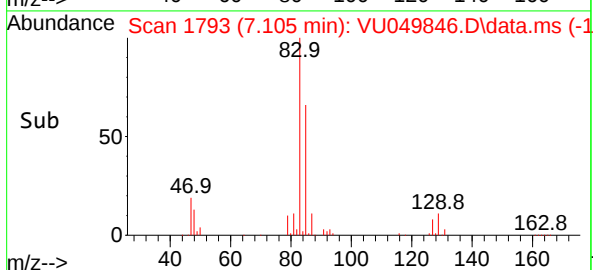
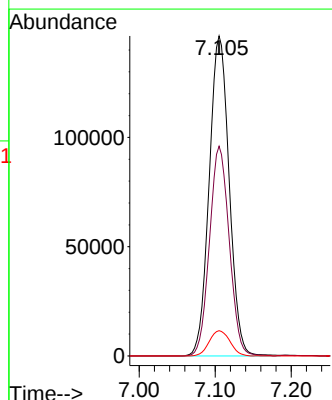
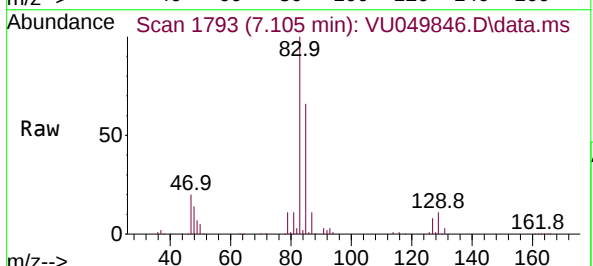
Tgt Ion: 83 Resp: 267055

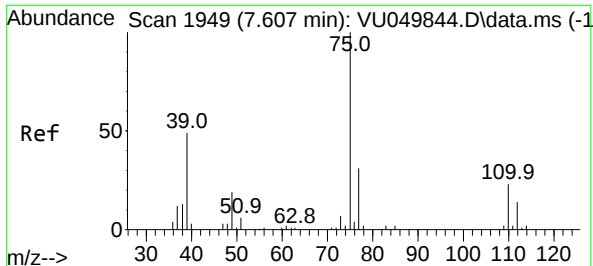
Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 24.925 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

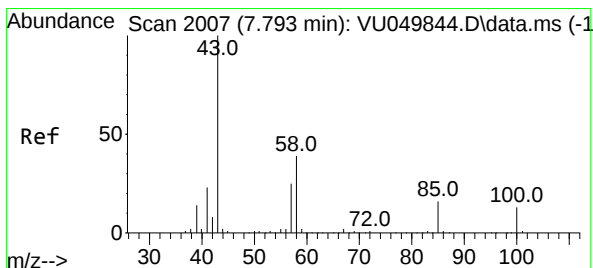
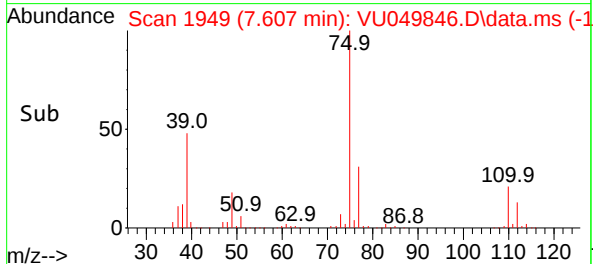
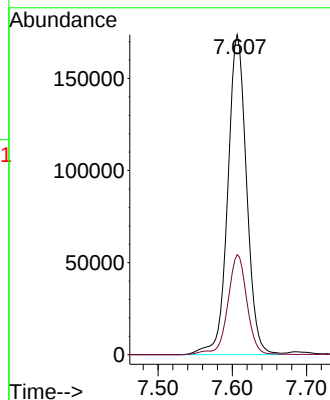
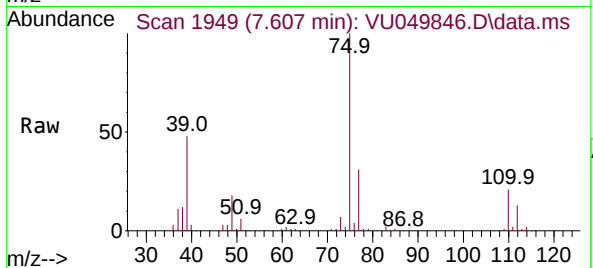
VSTD020042

Tgt Ion: 75 Resp: 305952

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 254.415 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

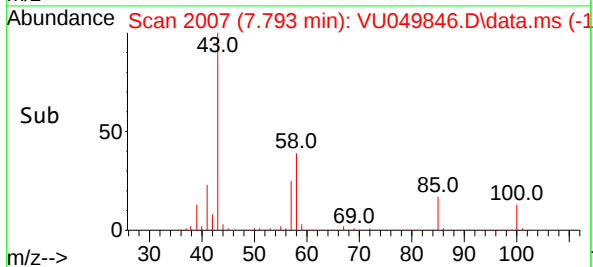
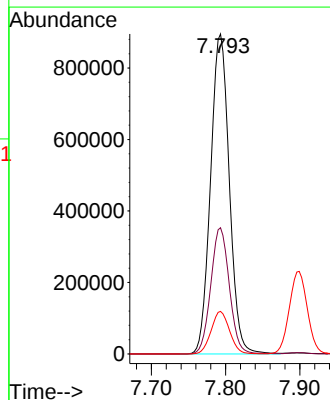
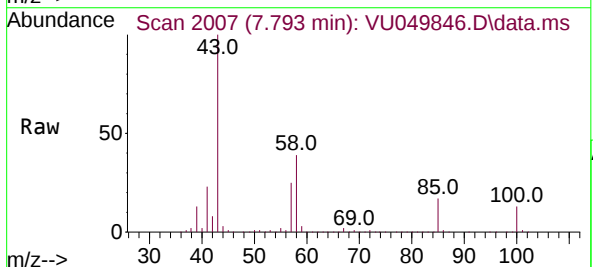
Tgt Ion: 43 Resp: 1568953

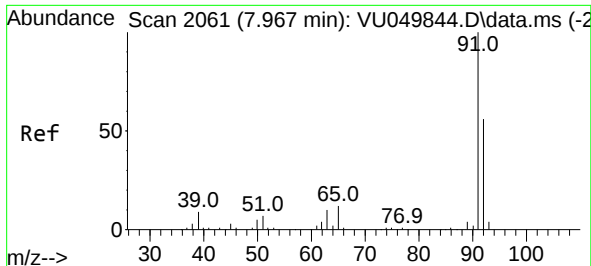
Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.4

100 13.1 10.4 15.6





#42

Toluene

Concen: 24.504 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

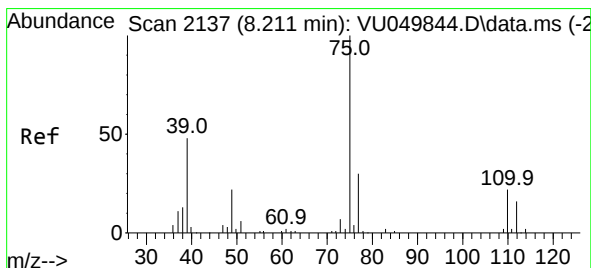
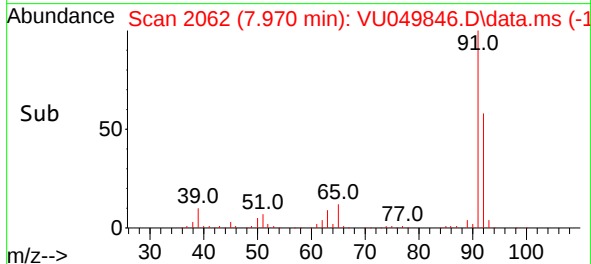
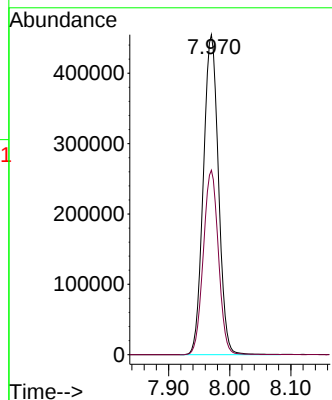
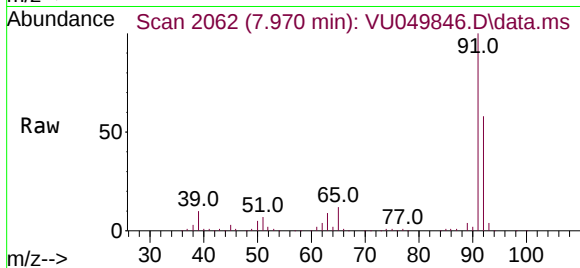
VSTD020042

Tgt Ion: 91 Resp: 780622

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 24.663 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049846.D

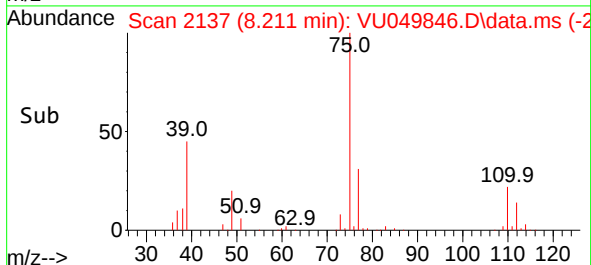
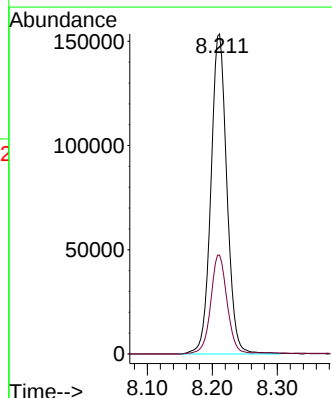
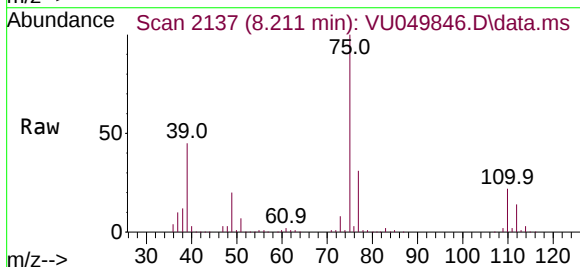
Acq: 22 Jul 2022 11:49

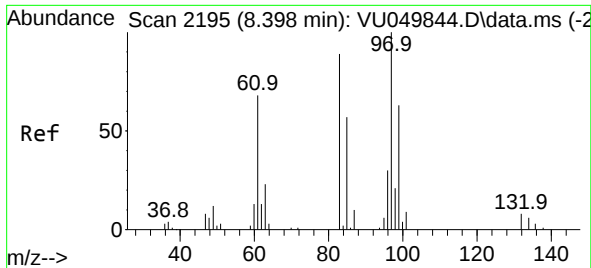
Tgt Ion: 75 Resp: 262345

Ion Ratio Lower Upper

75 100

77 30.9 21.2 39.4



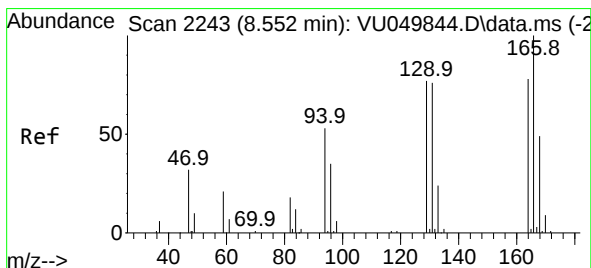
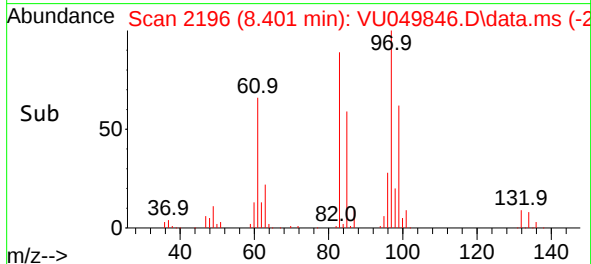
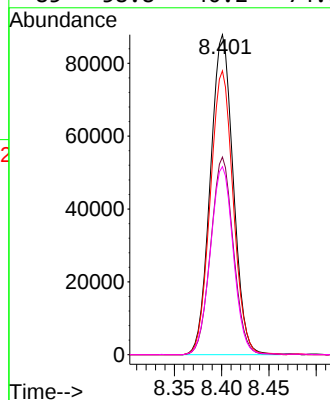
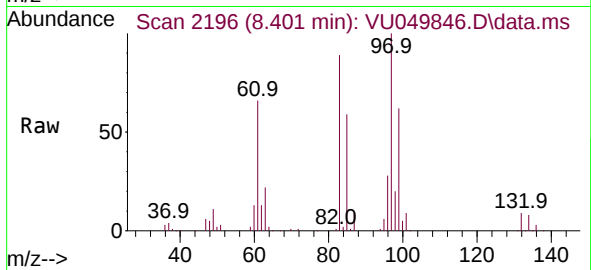


#45
1,1,2-Trichloroethane
Concen: 25.207 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

Tgt Ion: 97 Resp: 147968

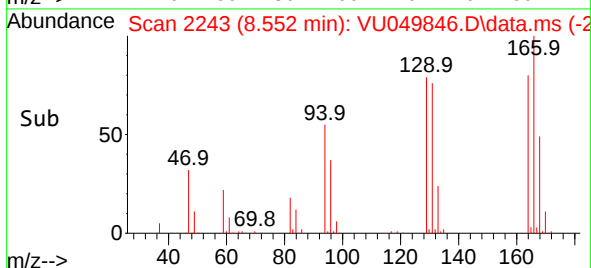
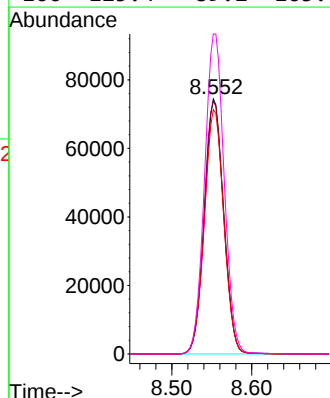
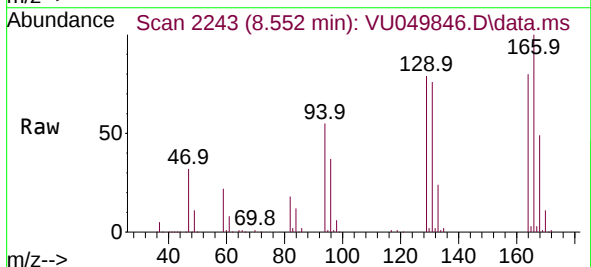
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	88.7	62.4	115.8
85	58.8	40.2	74.6

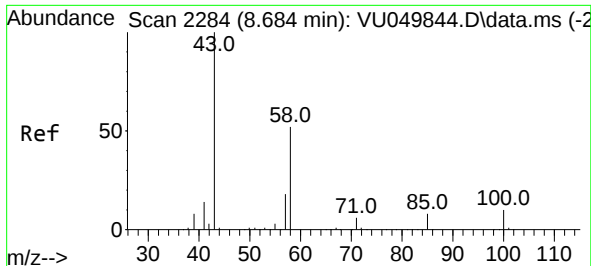


#47
Tetrachloroethene
Concen: 23.456 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 164 Resp: 124960

Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.9	127.9
131	95.8	67.5	125.4
166	125.4	89.2	165.8



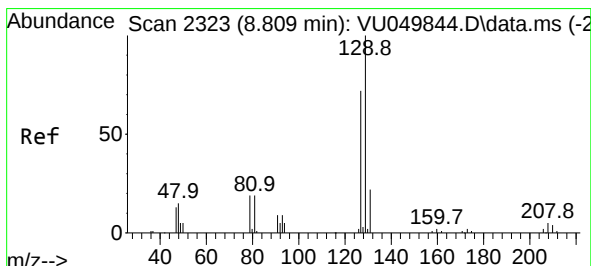
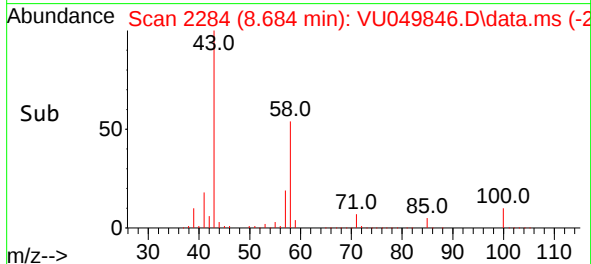
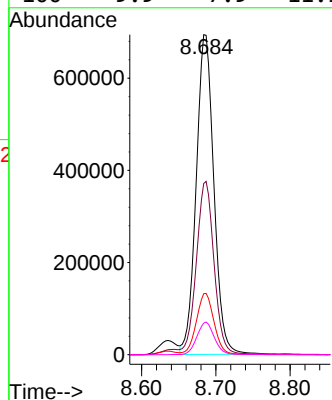
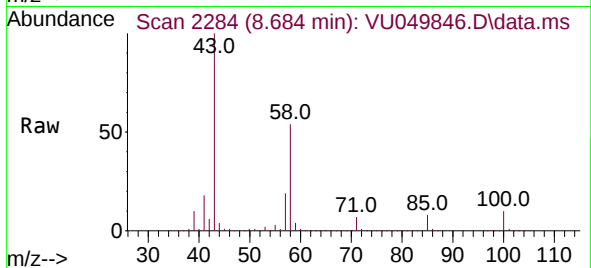


#48
2-Hexanone
Concen: 257.532 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

Tgt Ion: 43 Resp: 1151592

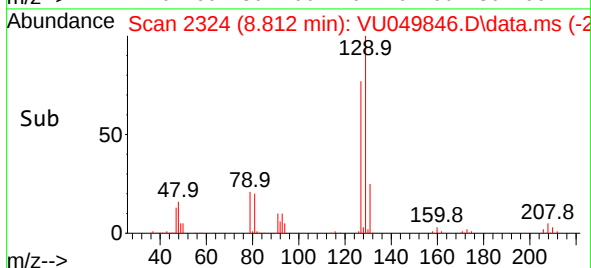
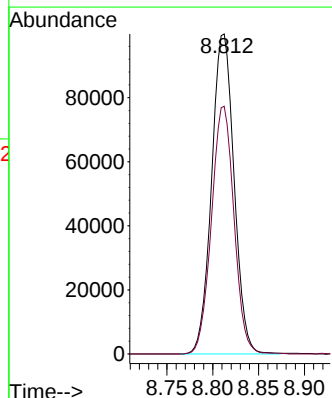
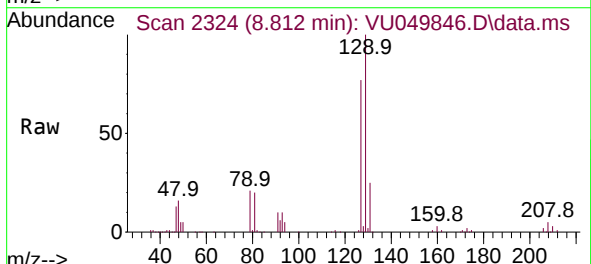
Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.1	63.1
57	19.2	14.3	21.5
100	9.9	7.9	11.9

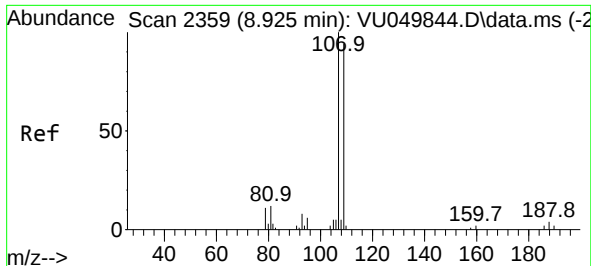


#49
Dibromochloromethane
Concen: 25.570 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion: 129 Resp: 170137

Ion	Ratio	Lower	Upper
129	100		
127	77.4	50.5	93.7





#50

1,2-Dibromoethane

Concen: 25.489 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020042

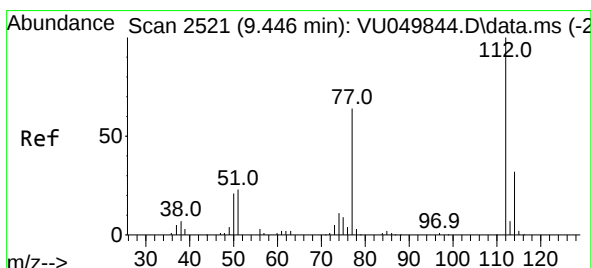
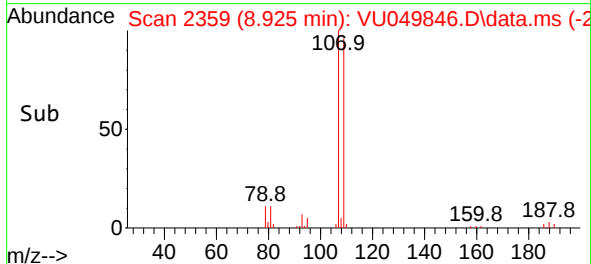
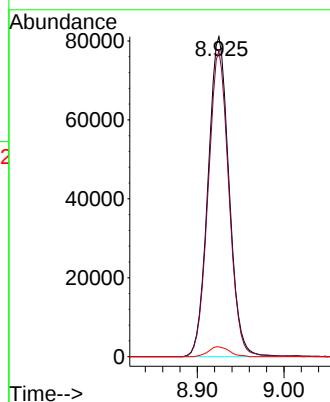
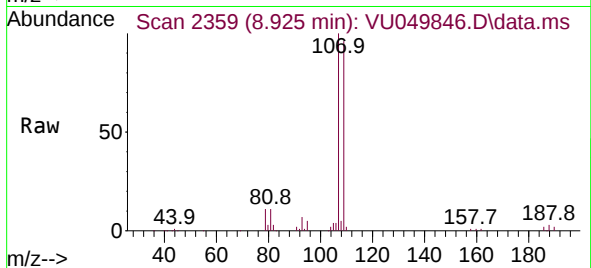
Tgt Ion:107 Resp: 136509

Ion Ratio Lower Upper

107 100

109 95.5 65.6 121.8

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 24.806 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

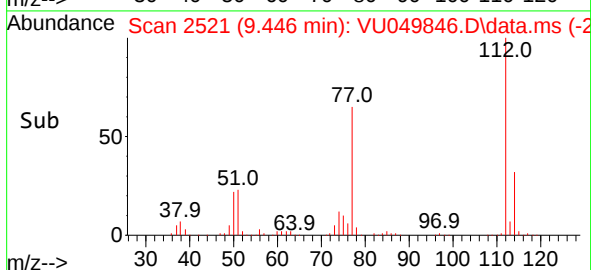
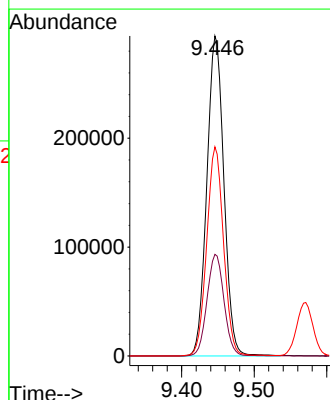
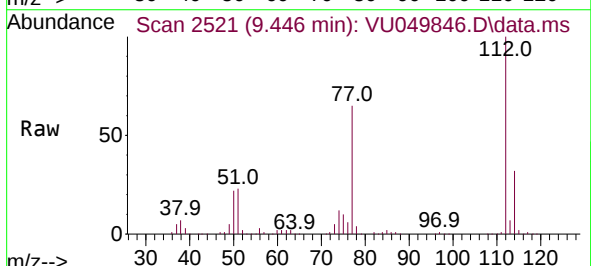
Tgt Ion:112 Resp: 479980

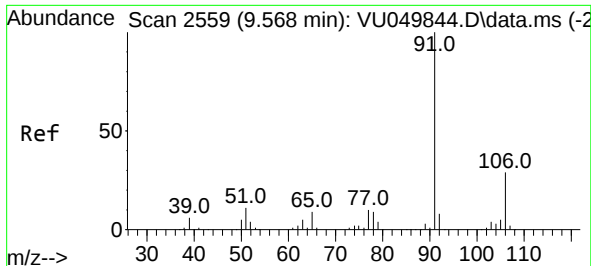
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 65.3 51.2 76.8

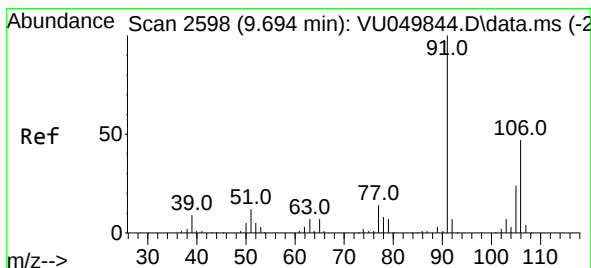
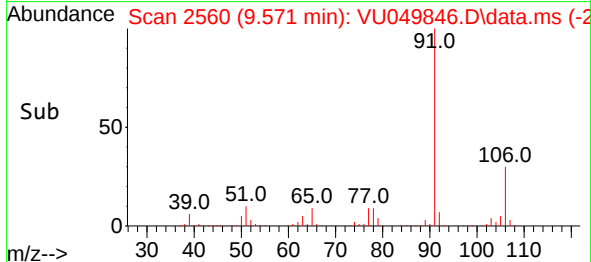
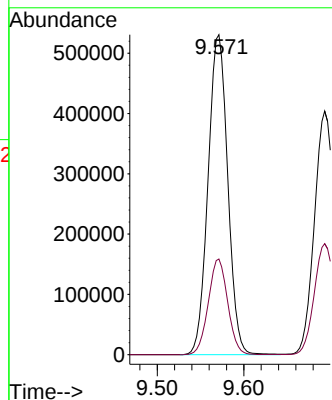
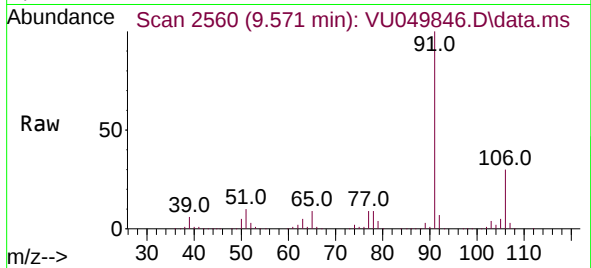




#52
Ethylbenzene
Concen: 24.474 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

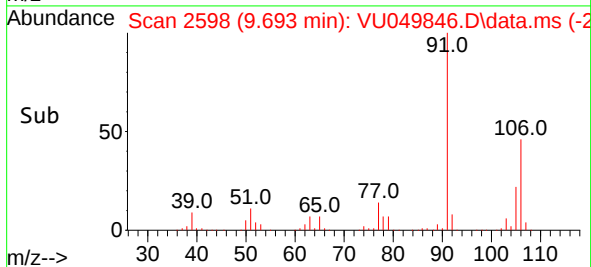
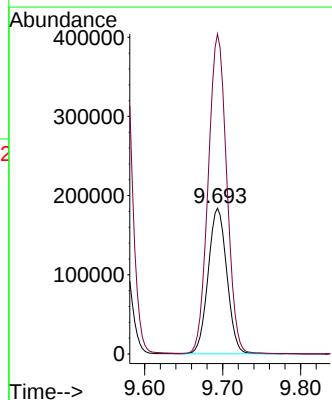
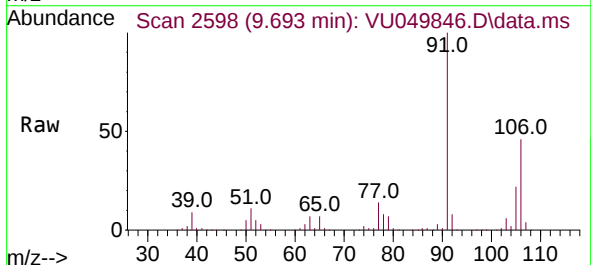
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

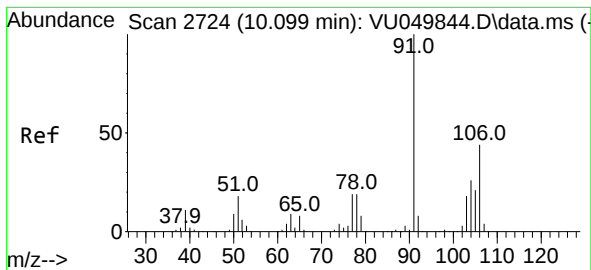
Tgt Ion: 91 Resp: 837597
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 24.251 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion:106 Resp: 306470
Ion Ratio Lower Upper
106 100
91 219.5 149.7 277.9





#54

o-Xylene

Concen: 24.445 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

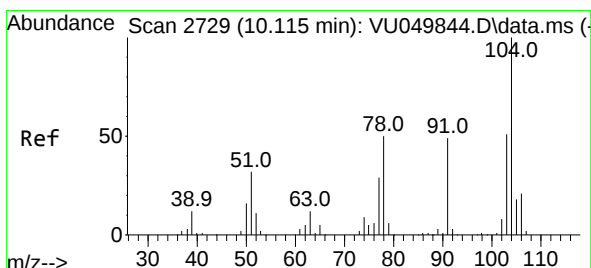
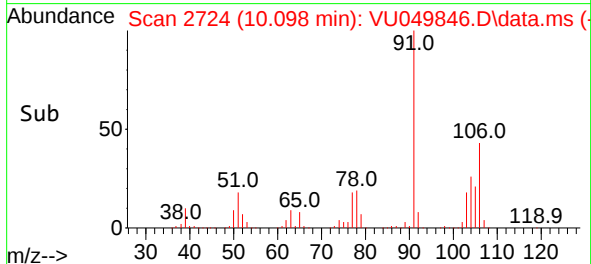
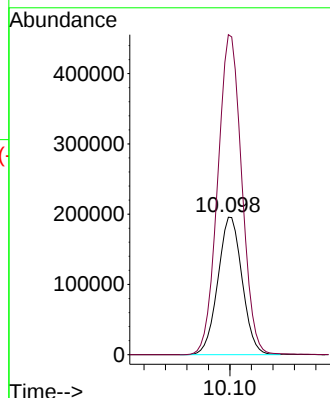
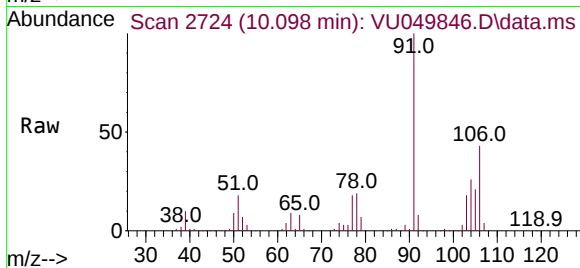
VSTD020042

Tgt Ion:106 Resp: 306741

Ion Ratio Lower Upper

106 100

91 232.7 159.4 296.0



#55

Styrene

Concen: 25.661 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU049846.D

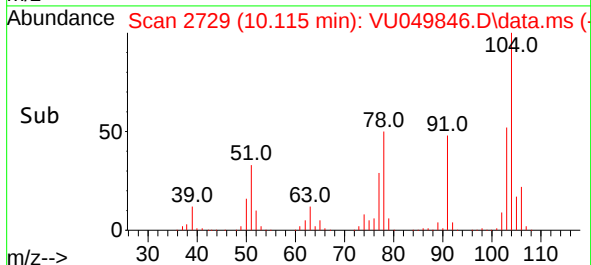
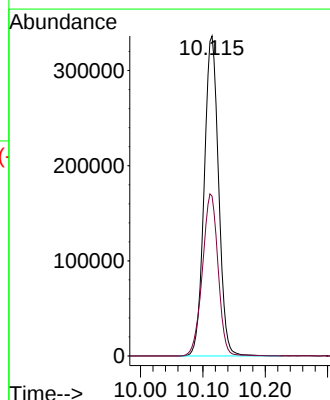
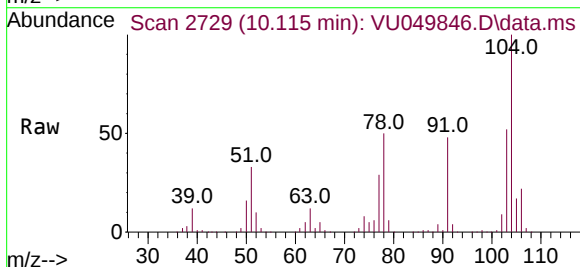
Acq: 22 Jul 2022 11:49

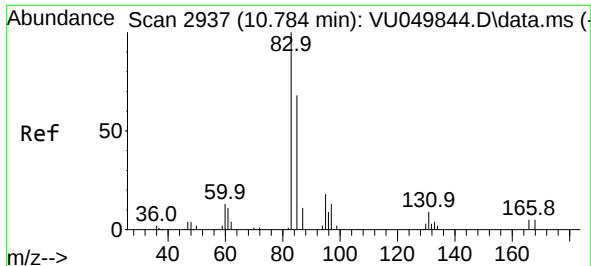
Tgt Ion:104 Resp: 539987

Ion Ratio Lower Upper

104 100

78 49.9 35.1 65.3

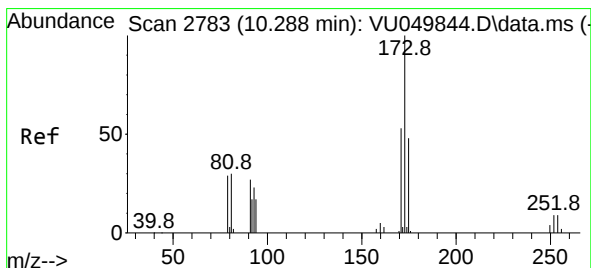
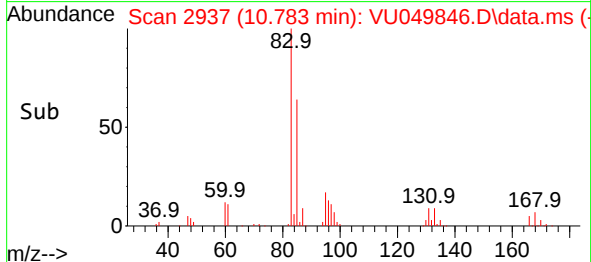
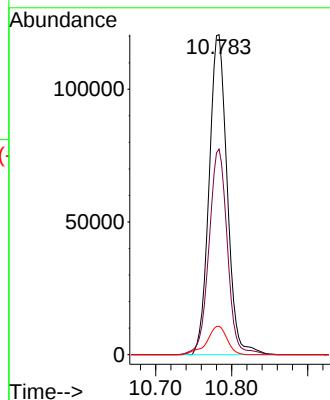
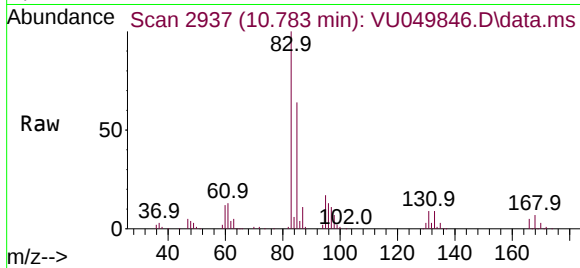




#57
1,1,2,2-Tetrachloroethane
Concen: 25.740 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

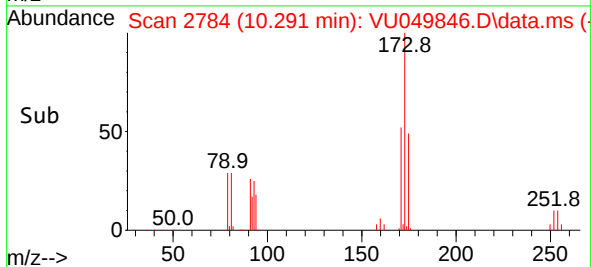
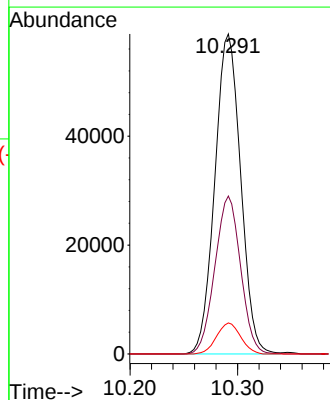
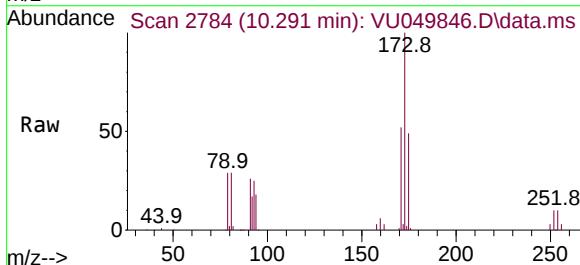
Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

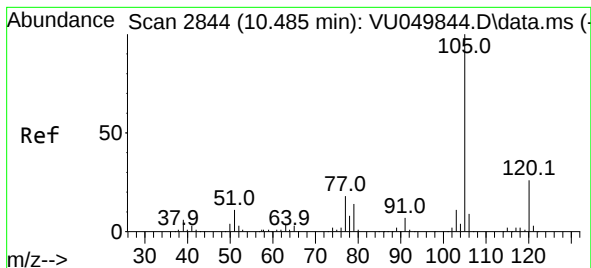
Tgt Ion: 83 Resp: 198690
Ion Ratio Lower Upper
83 100
85 64.3 47.9 89.1
131 8.9 7.3 10.9



#59
Bromoform
Concen: 23.706 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion:173 Resp: 98000
Ion Ratio Lower Upper
173 100
175 49.0 39.5 59.3
254 9.1 7.5 11.3





#60

Isopropylbenzene

Concen: 21.736 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020042

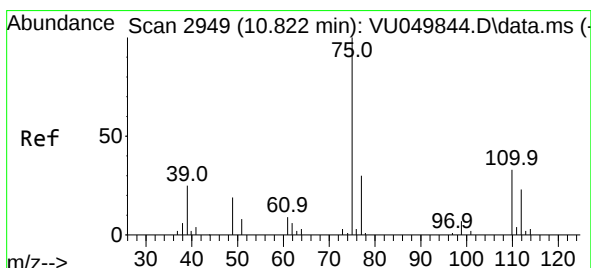
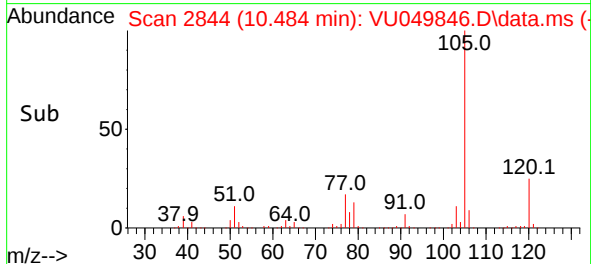
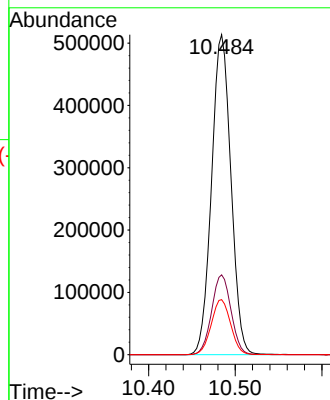
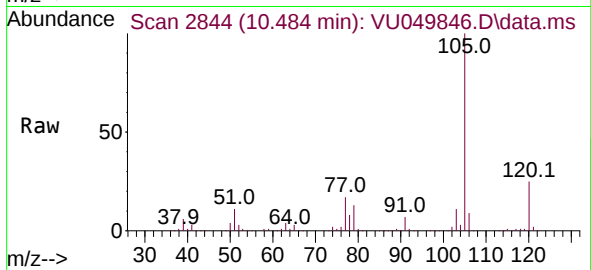
Tgt Ion:105 Resp: 796767

Ion Ratio Lower Upper

105 100

120 25.0 20.4 30.6

77 17.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 22.525 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

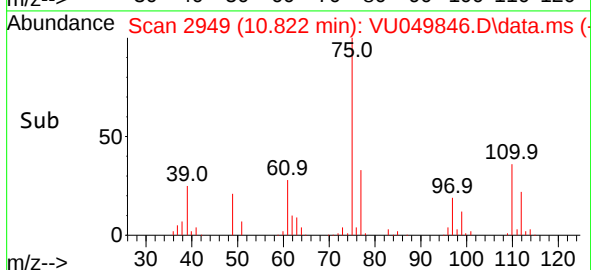
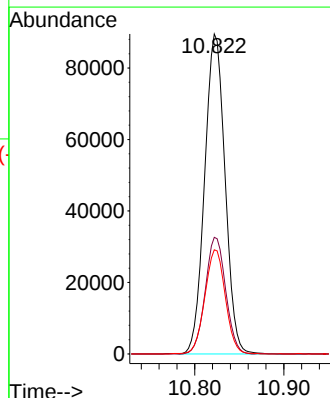
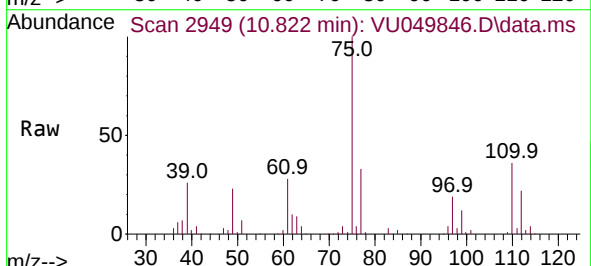
Tgt Ion: 75 Resp: 142357

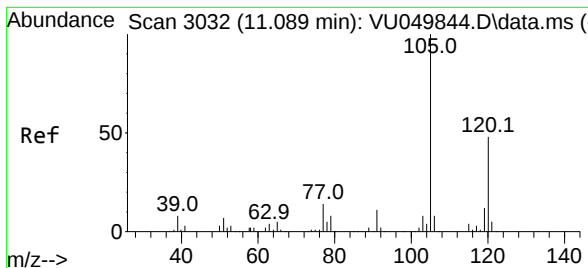
Ion Ratio Lower Upper

75 100

110 36.4 28.0 42.0

77 32.7 25.4 38.2

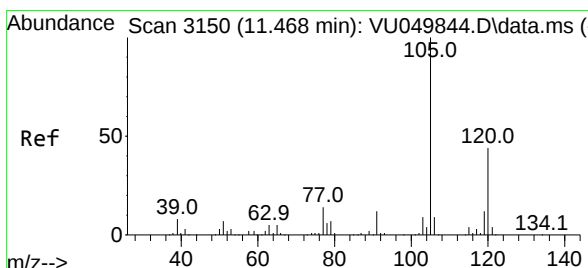
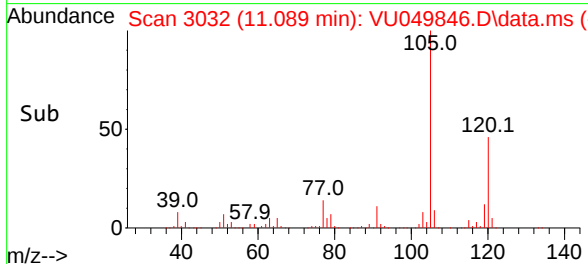
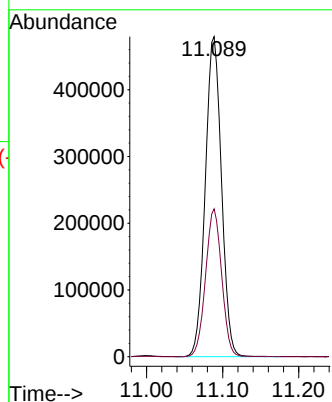
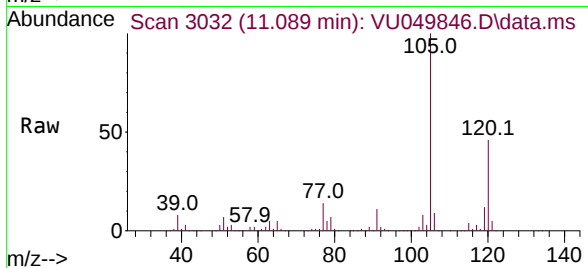




#62
 1,3,5-Trimethylbenzene
 Concen: 22.103 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

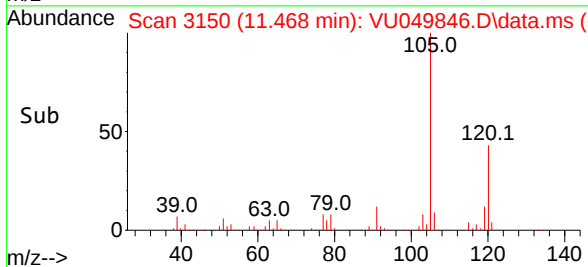
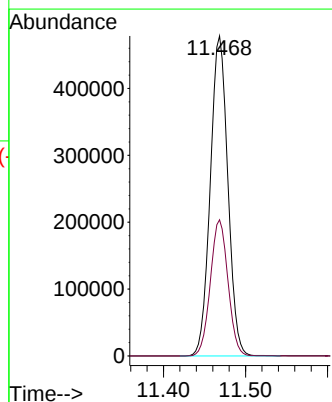
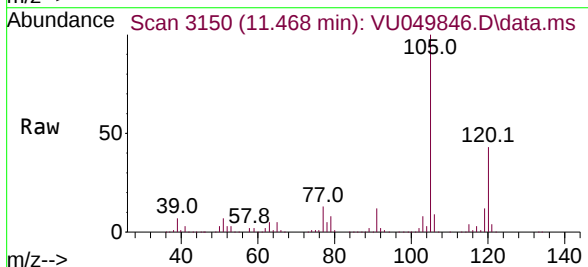
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020042

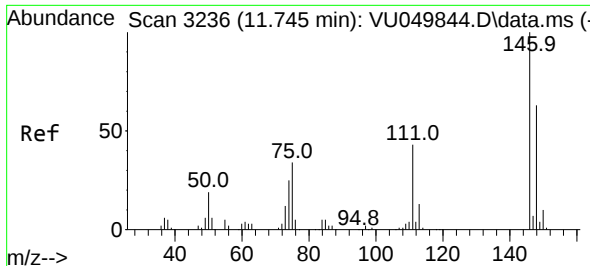
Tgt Ion:105 Resp: 707455
 Ion Ratio Lower Upper
 105 100
 120 46.0 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 22.593 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

Tgt Ion:105 Resp: 709544
 Ion Ratio Lower Upper
 105 100
 120 42.7 34.2 51.4

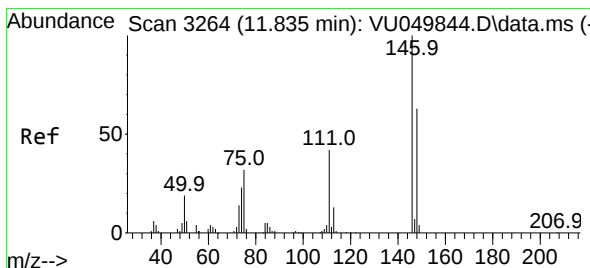
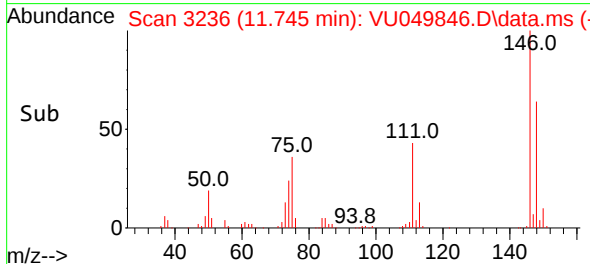
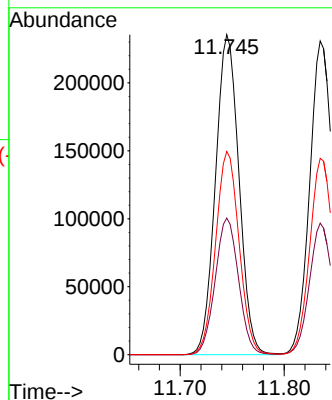
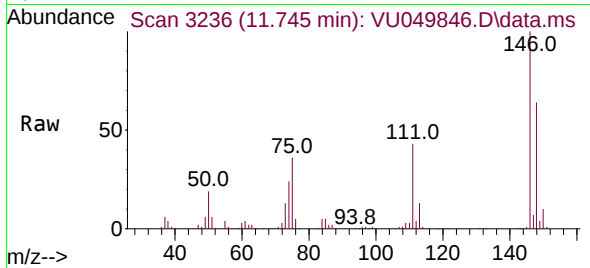




#64
 1,3-Dichlorobenzene
 Concen: 22.940 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

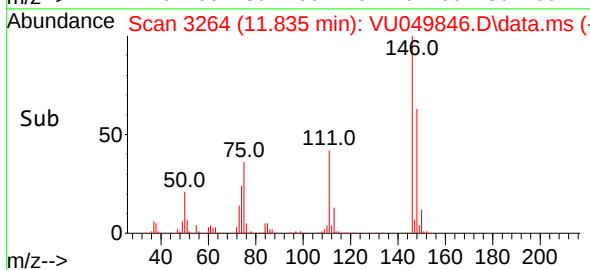
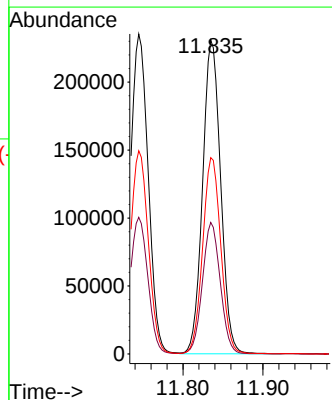
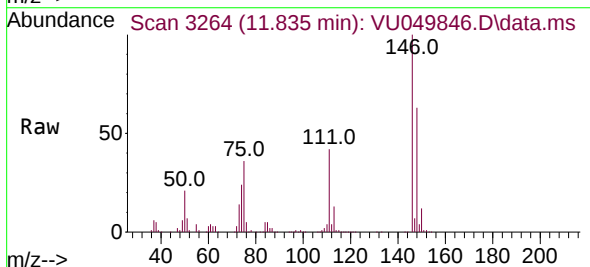
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020042

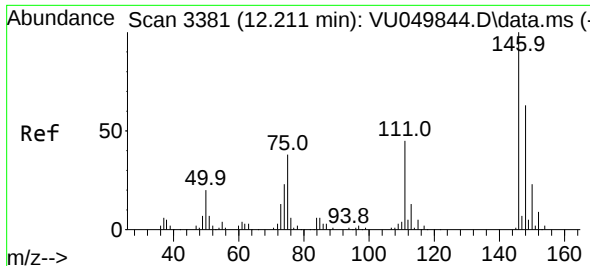
Tgt Ion:146 Resp: 370592
 Ion Ratio Lower Upper
 146 100
 111 42.7 30.0 55.8
 148 63.5 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 22.928 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

Tgt Ion:146 Resp: 363031
 Ion Ratio Lower Upper
 146 100
 111 41.9 29.5 54.7
 148 62.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 23.223 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

Instrument :

MSVOA_U

ClientSampleId :

VSTD020042

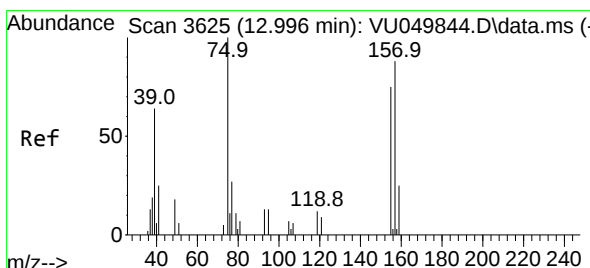
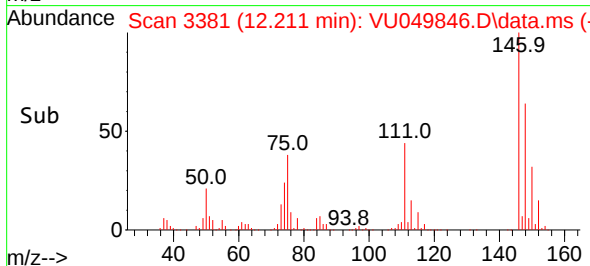
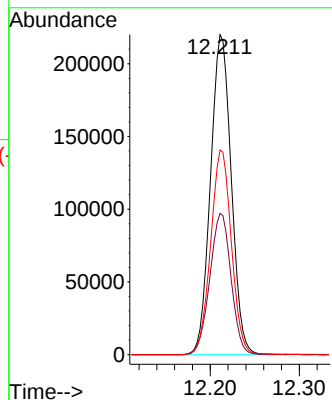
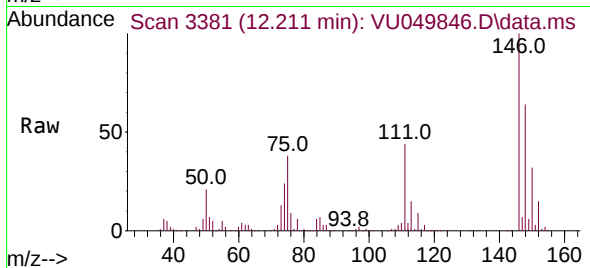
Tgt Ion:146 Resp: 355165

Ion Ratio Lower Upper

146 100

111 44.2 35.8 53.8

148 64.0 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.282 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049846.D

Acq: 22 Jul 2022 11:49

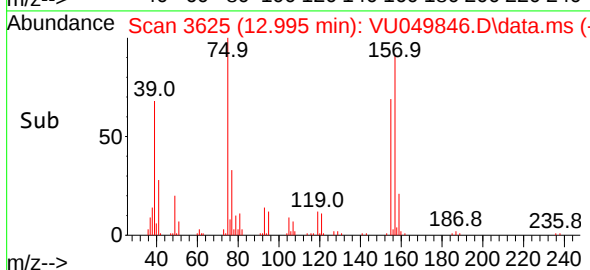
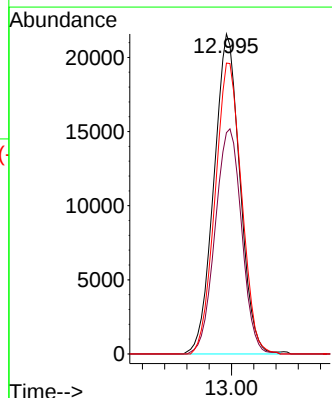
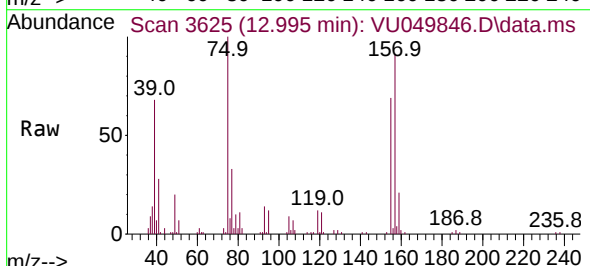
Tgt Ion: 75 Resp: 35016

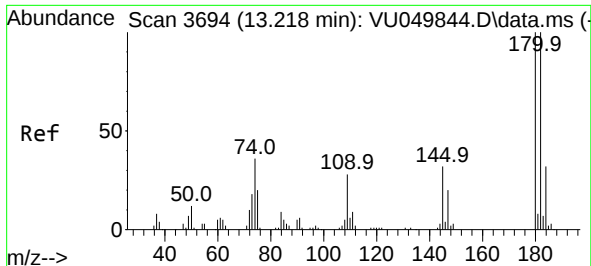
Ion Ratio Lower Upper

75 100

155 69.2 60.4 90.6

157 90.9 70.0 105.0

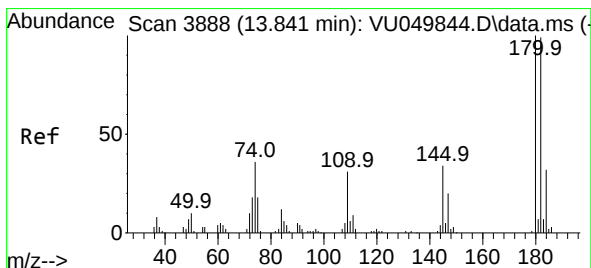
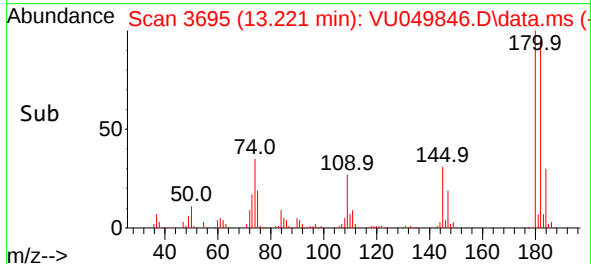
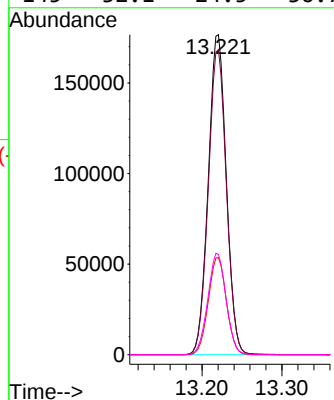
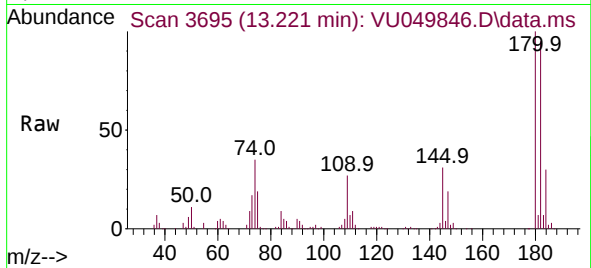




#69
 1,3,5-Trichlorobenzene
 Concen: 23.400 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

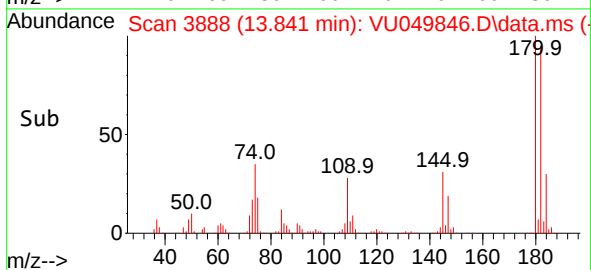
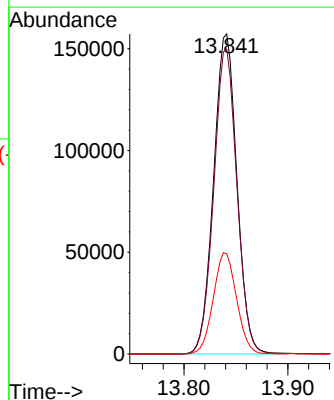
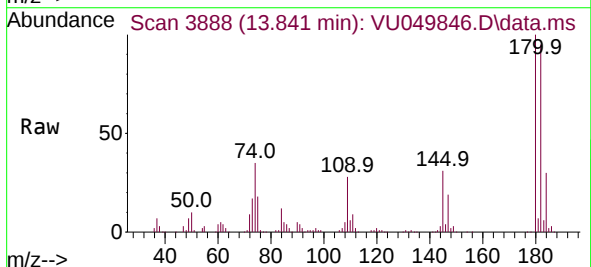
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020042

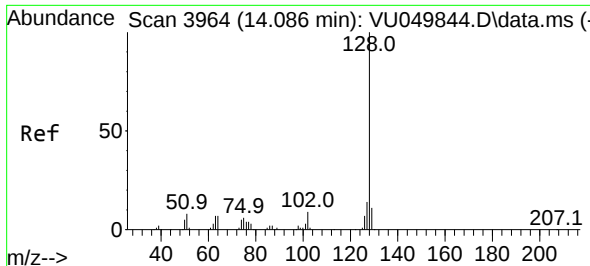
Tgt Ion:180 Resp: 277523
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.2 115.8
 184 30.5 25.3 37.9
 145 32.1 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.778 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049846.D
 Acq: 22 Jul 2022 11:49

Tgt Ion:180 Resp: 245020
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.4
 145 31.6 26.1 39.1

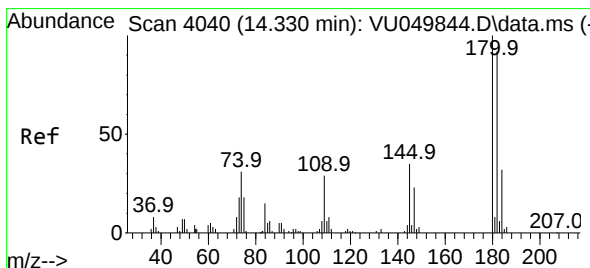
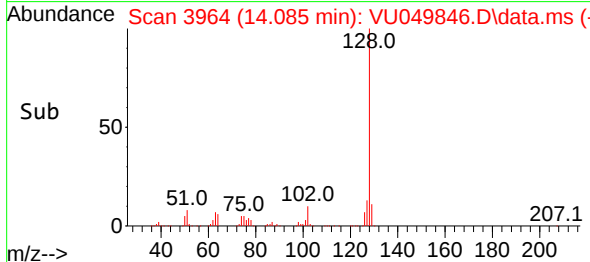
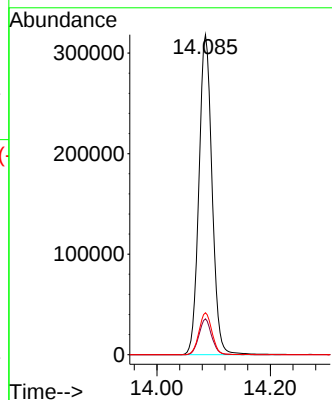
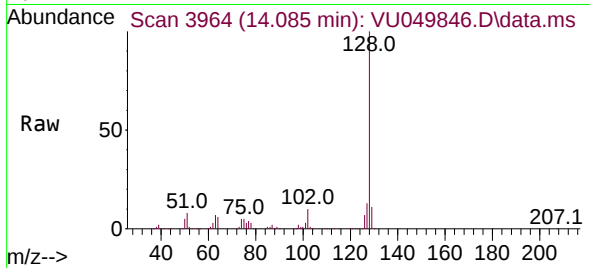




#71
Naphthalene
Concen: 27.286 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Instrument :
MSVOA_U
ClientSampleId :
VSTD020042

Tgt Ion:128 Resp: 510760
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.0 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 26.199 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049846.D
Acq: 22 Jul 2022 11:49

Tgt Ion:180 Resp: 236309
Ion Ratio Lower Upper
180 100
182 96.8 73.9 110.9
145 34.2 27.8 41.6

