

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049844.D
 Acq On : 22 Jul 2022 11:01
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005040

Quant Time: Jul 23 00:39:07 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	102350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	98333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41276	4.695	ug/L	0.00
7) Chloroethane-d5	1.909	69	34866	5.653	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	17971	4.978	ug/L	0.00
20) 2-Butanone-d5	4.639	46	149158	59.165	ug/L	0.00
24) Chloroform-d	5.064	84	92504	6.239	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	51340	6.275	ug/L	0.00
32) Benzene-d6	5.726	84	165144	5.467	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	57836	5.595	ug/L	0.00
41) Toluene-d8	7.896	98	146804	5.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	21044	4.784	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	83496	46.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	47836	5.702	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	51087	5.157	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	60870	6.454	ug/L	100
3) Chloromethane	1.520	50	66234	6.465	ug/L	100
5) Vinyl chloride	1.601	62	58877	6.431	ug/L	100
6) Bromomethane	1.855	94	31247	6.279	ug/L	100
8) Chloroethane	1.929	64	33176	6.288	ug/L	100
9) Trichlorofluoromethane	2.134	101	75271	6.850	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	38607	6.166	ug/L	100
12) 1,1-Dichloroethene	2.575	96	35977	5.988	ug/L	100
13) Acetone	2.655	43	89785	68.550	ug/L	100
14) Carbon disulfide	2.790	76	111514	5.712	ug/L	100
15) Methyl Acetate	2.964	43	21254	6.397	ug/L	100
16) Methylene chloride	3.041	84	60328	7.065	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	109059	6.034	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	40647	6.083	ug/L	100
19) 1,1-Dichloroethane	3.867	63	87809	6.548	ug/L	100
21) 2-Butanone	4.719	43	157820	64.821	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	46949	6.236	ug/L	100
23) Bromochloromethane	4.977	128	20889	6.456	ug/L	100
25) Chloroform	5.089	83	91454	6.707	ug/L	100
27) 1,2-Dichloroethane	5.797	62	62124	6.863	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	73764	6.015	ug/L	100
30) Cyclohexane	5.385	56	63063	4.764	ug/L	100
31) Carbon tetrachloride	5.523	117	61484	5.977	ug/L	100
33) Benzene	5.774	78	185058	6.079	ug/L	100
34) Trichloroethene	6.543	95	45612	5.910	ug/L	100
35) Methylcyclohexane	6.761	83	60309	4.851	ug/L	100
37) 1,2-Dichloropropane	6.790	63	51651	6.138	ug/L	100
38) Bromodichloromethane	7.105	83	63980	6.213	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	69441	5.601	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	370566	59.492	ug/L	100
42) Toluene	7.967	91	192851	5.994	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58744	5.468	ug/L	100

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 ClientSampleId :
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

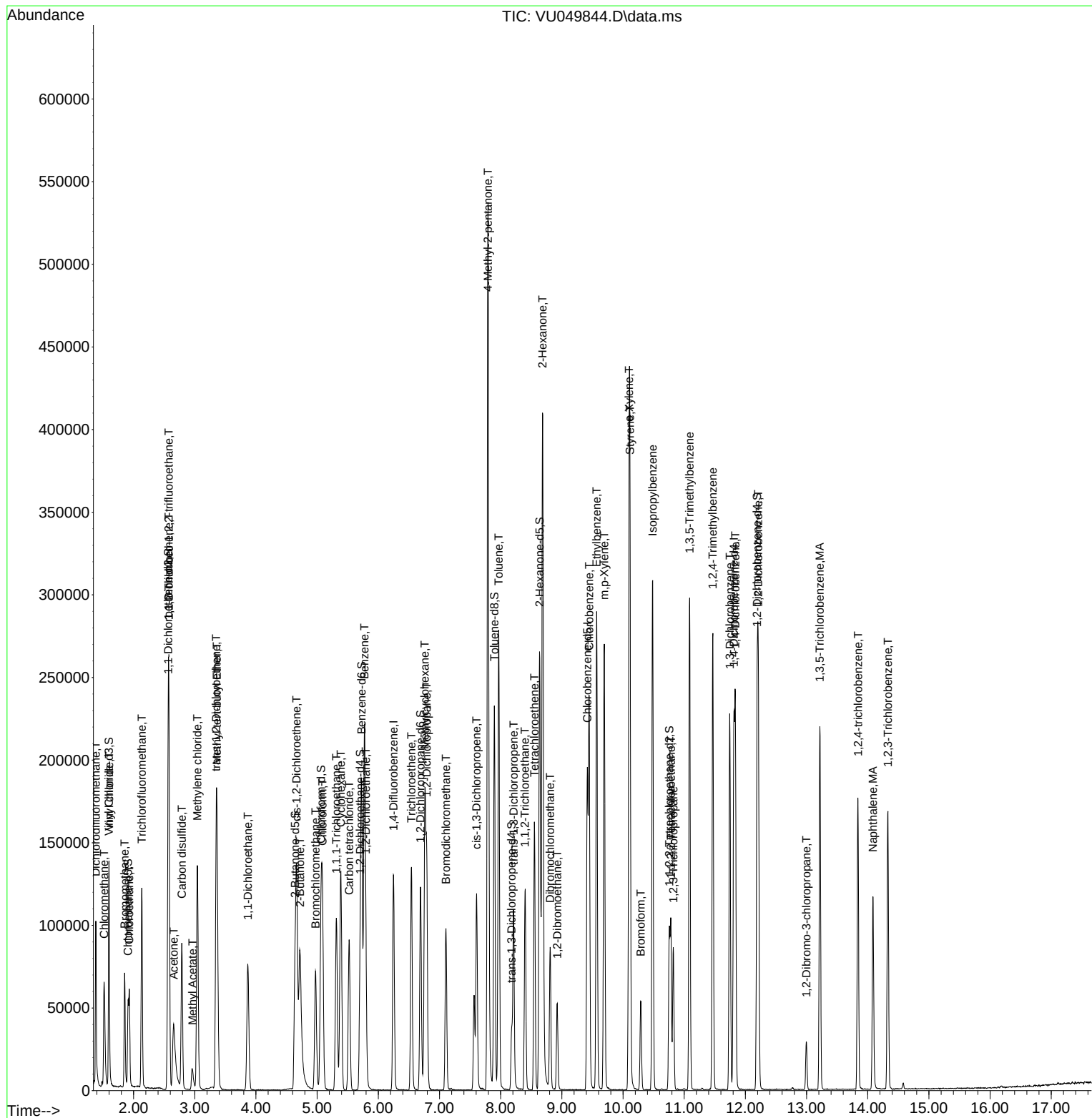
45) 1,1,2-Trichloroethane	8.398	97	36785	6.204	ug/L	100
47) Tetrachloroethene	8.552	164	33216	6.173	ug/L	100
48) 2-Hexanone	8.684	43	281900	62.415	ug/L	100
49) Dibromochloromethane	8.809	129	42261	6.288	ug/L	100
50) 1,2-Dibromoethane	8.925	107	33621	6.215	ug/L	100
51) Chlorobenzene	9.446	112	115417	5.906	ug/L	100
52) Ethylbenzene	9.568	91	194891	5.638	ug/L	100
53) m,p-Xylene	9.694	106	71448	5.597	ug/L	100
54) o-Xylene	10.099	106	71059	5.607	ug/L	100
55) Styrene	10.115	104	120151	5.653	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	47436	6.084	ug/L	100
59) Bromoform	10.288	173	22798	5.767	ug/L	100
60) Isopropylbenzene	10.485	105	185410	5.290	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	35885	5.938	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	154015	5.033	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	147181	4.901	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	88302	5.717	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	84636	5.590	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	83597	5.717	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	7989	5.078	ug/L	100
69) 1,3,5-Trichlorobenzene	13.218	180	62092	5.475	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	50328	5.538	ug/L	100
71) Naphthalene	14.086	128	91987	5.139	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	48718	5.649	ug/L	100

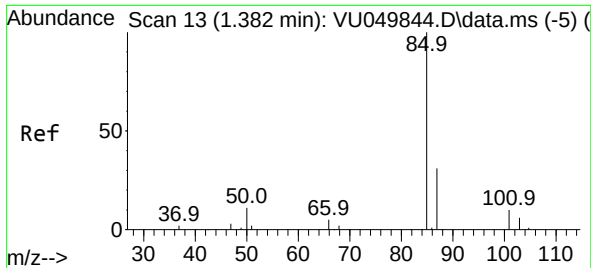
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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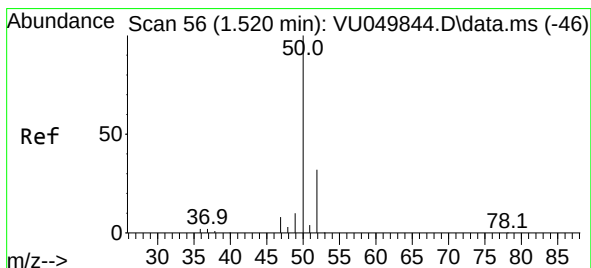
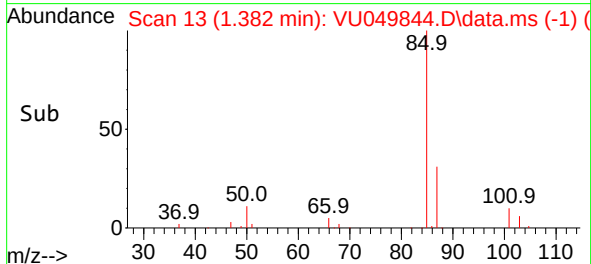
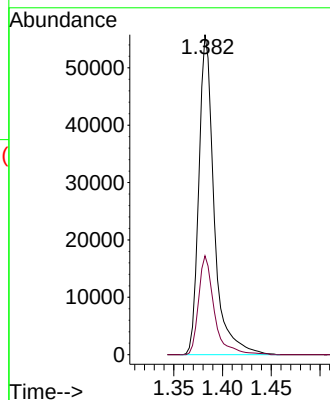
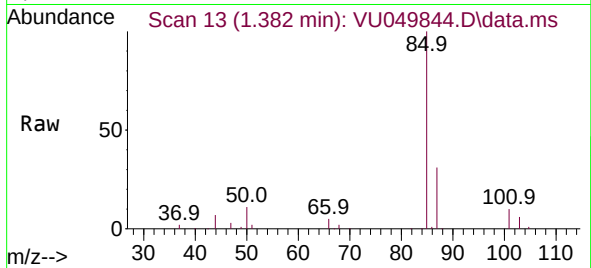




#2
Dichlorodifluoromethane
Concen: 6.454 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

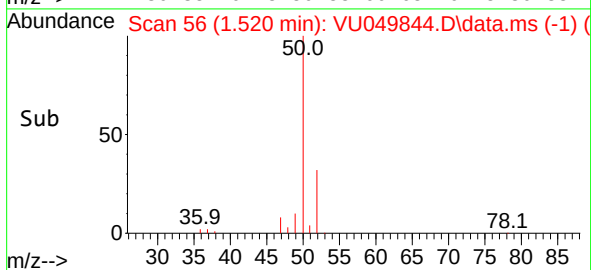
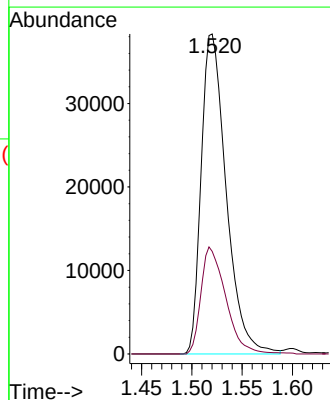
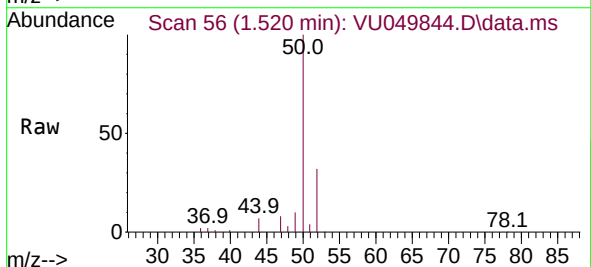
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

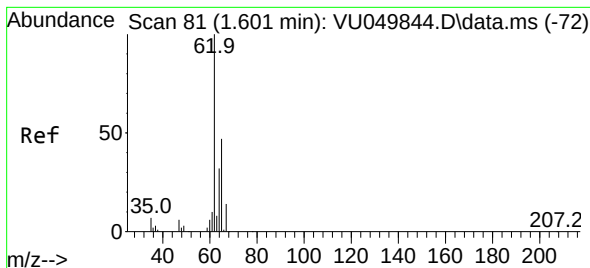
Tgt Ion: 85 Resp: 60870
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2



#3
Chloromethane
Concen: 6.465 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 50 Resp: 66234
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.7





#5

Vinyl chloride

Concen: 6.431 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

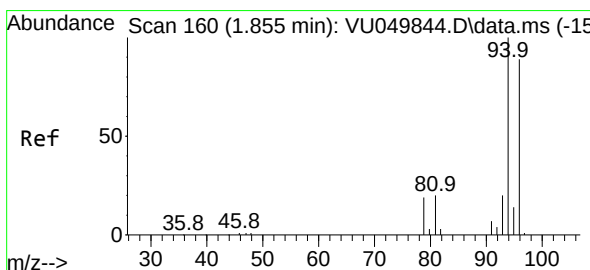
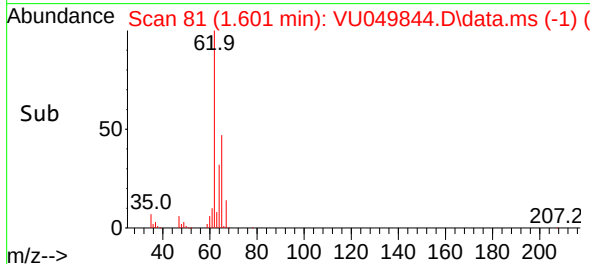
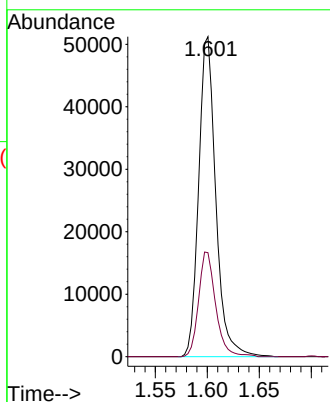
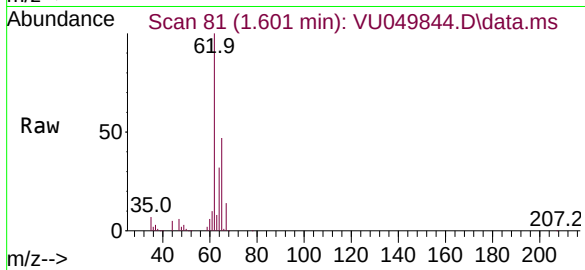
VSTD005040

Tgt Ion: 62 Resp: 58877

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.3



#6

Bromomethane

Concen: 6.279 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU049844.D

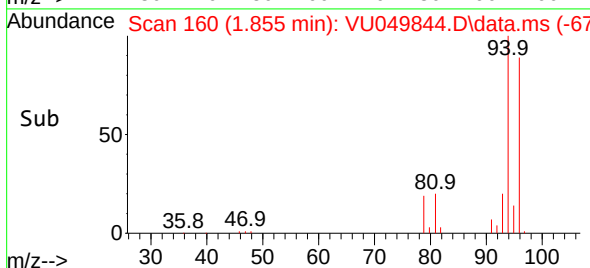
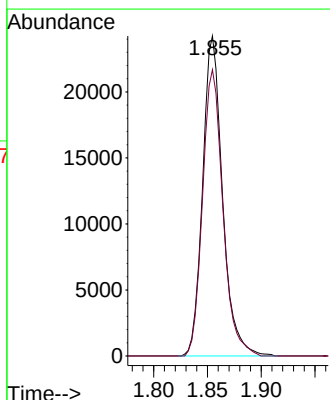
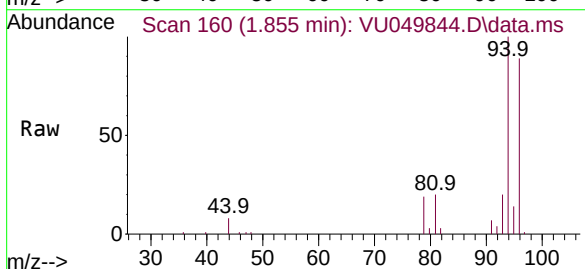
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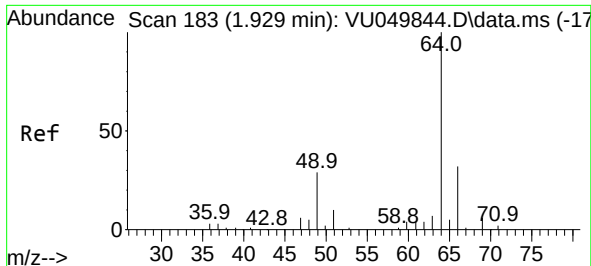
Tgt Ion: 94 Resp: 31247

Ion Ratio Lower Upper

94 100

96 89.5 62.6 116.3

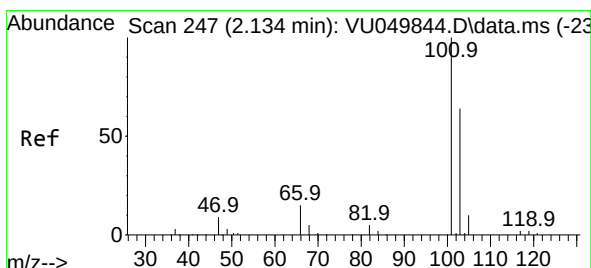
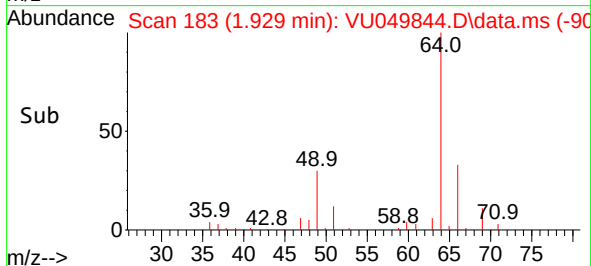
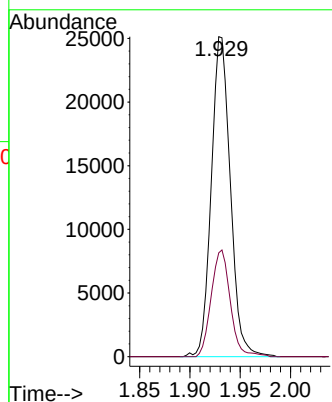
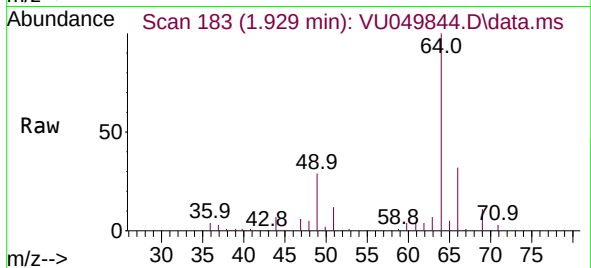




#8
Chloroethane
Concen: 6.288 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

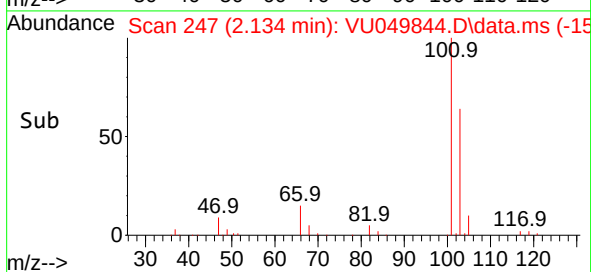
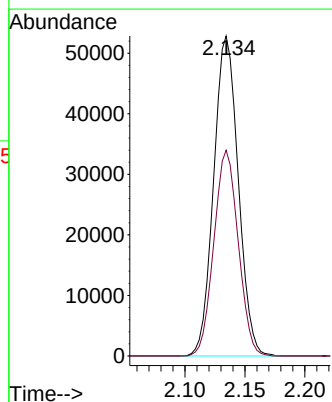
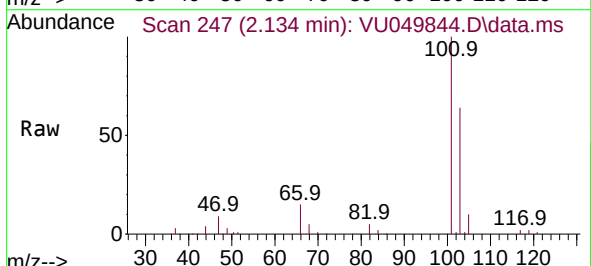
Instrument :
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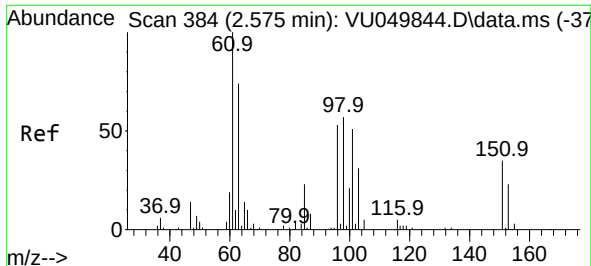
Tgt Ion: 64 Resp: 33176
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 6.850 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:101 Resp: 75271
Ion Ratio Lower Upper
101 100
103 63.5 50.8 76.2

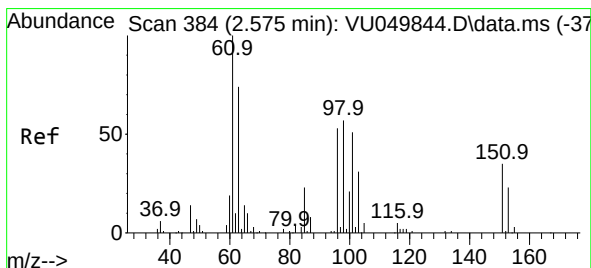
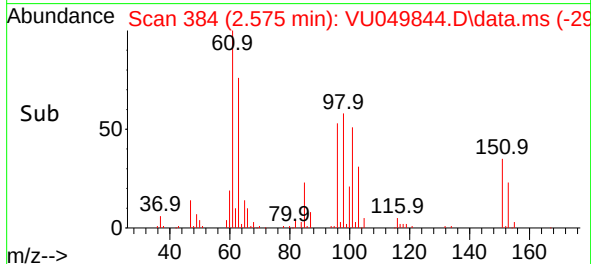
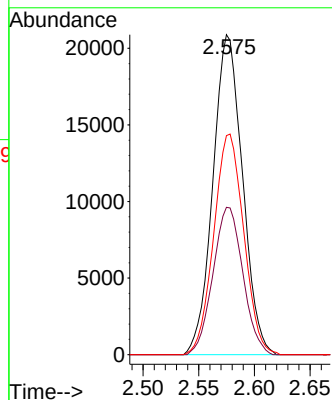
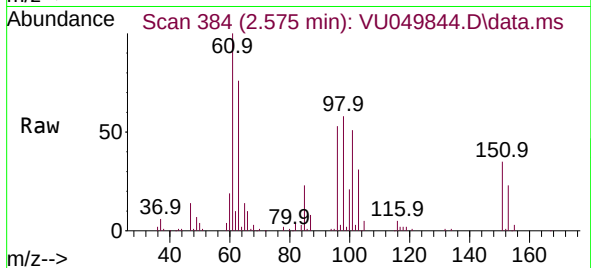




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.166 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU049844.D
 Acq: 22 Jul 2022 11:01

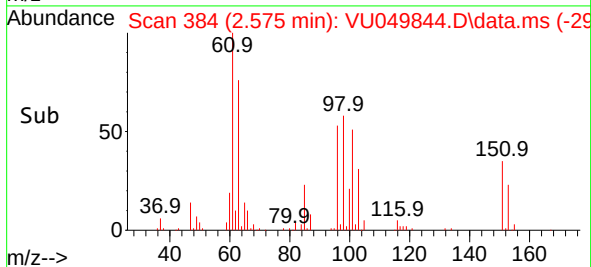
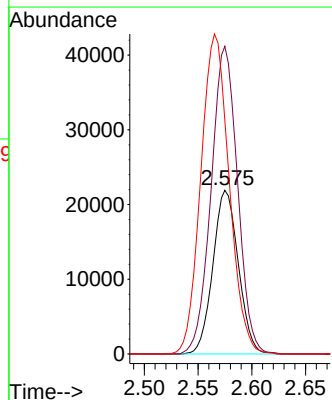
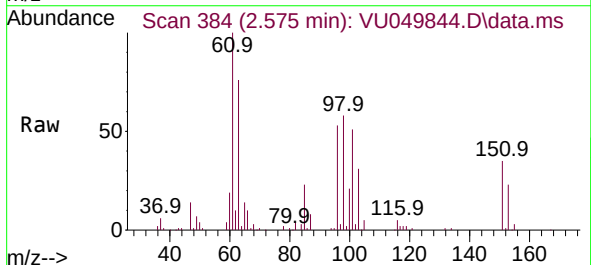
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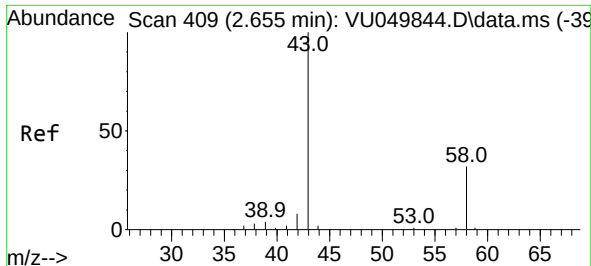
Tgt Ion: 101 Resp: 38607
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.2 55.8
 151 70.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.988 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU049844.D
 Acq: 22 Jul 2022 11:01

Tgt Ion: 96 Resp: 35977
 Ion Ratio Lower Upper
 96 100
 61 188.0 131.6 244.4
 63 142.8 100.0 185.6





#13

Acetone

Concen: 68.550 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

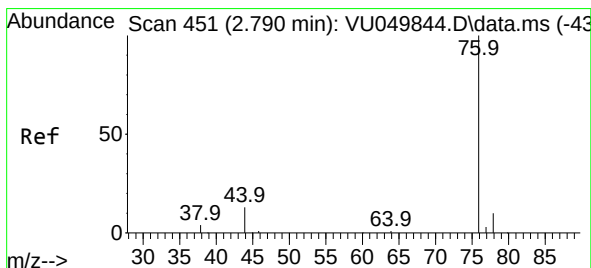
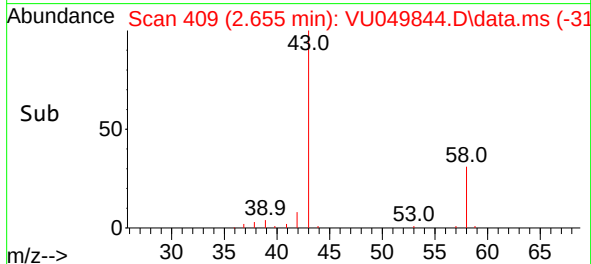
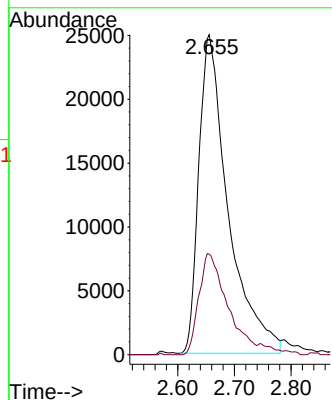
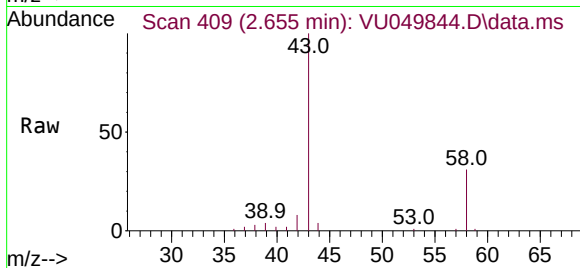
VSTD005040

Tgt Ion: 43 Resp: 89785

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.0



#14

Carbon disulfide

Concen: 5.712 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049844.D

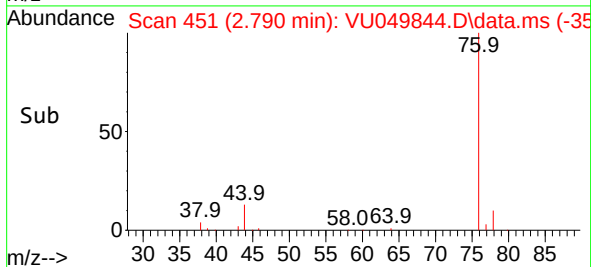
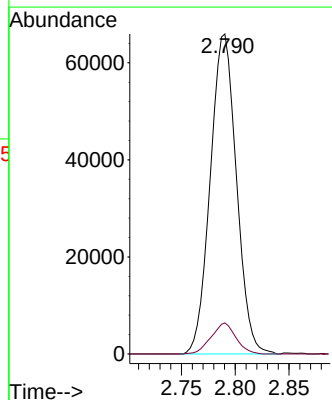
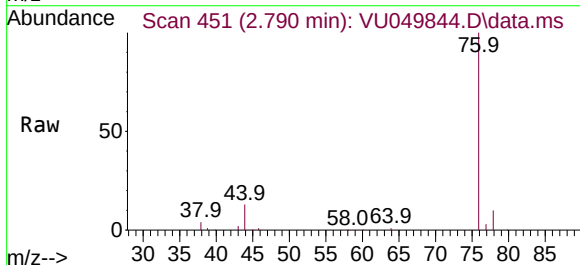
Acq: 22 Jul 2022 11:01

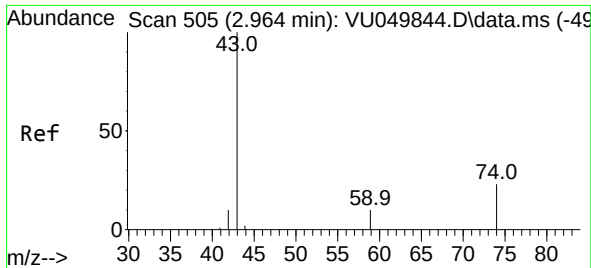
Tgt Ion: 76 Resp: 111514

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

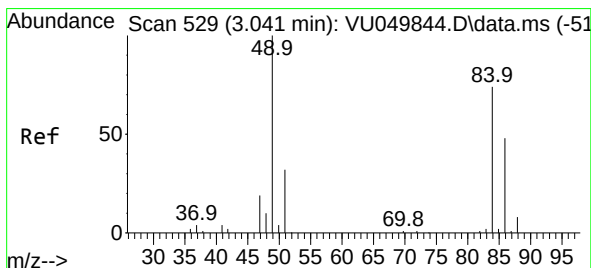
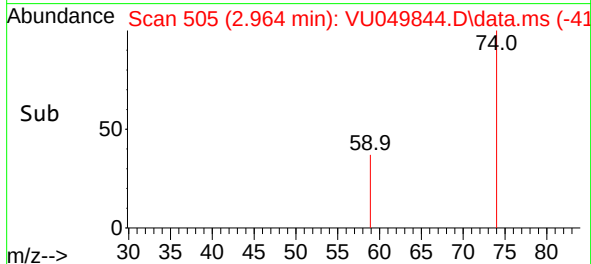
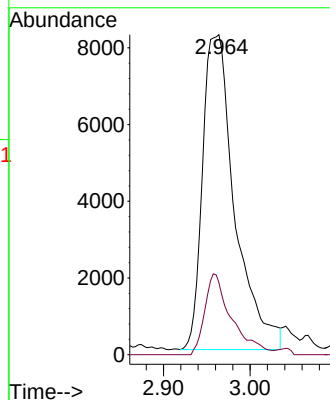
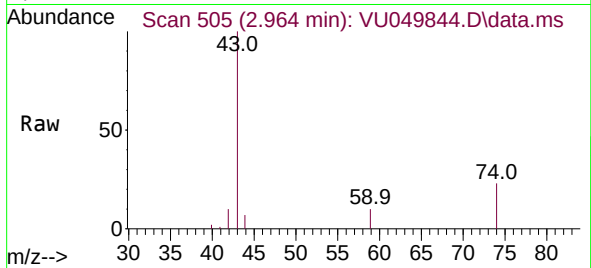




#15
Methyl Acetate
Concen: 6.397 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

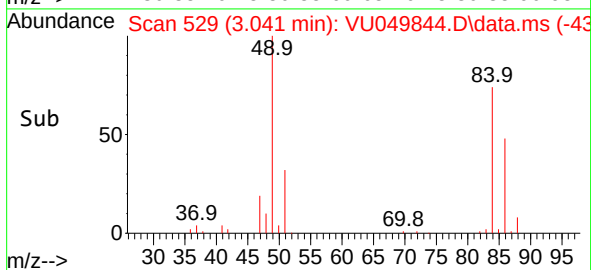
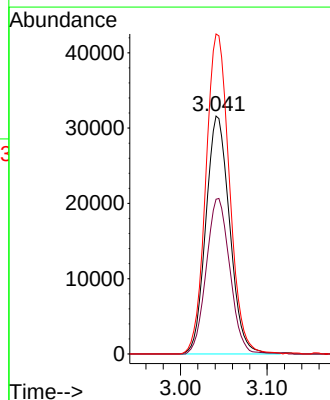
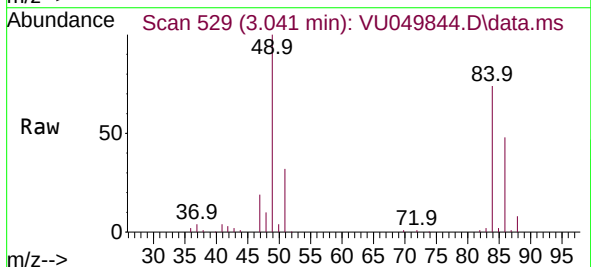
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

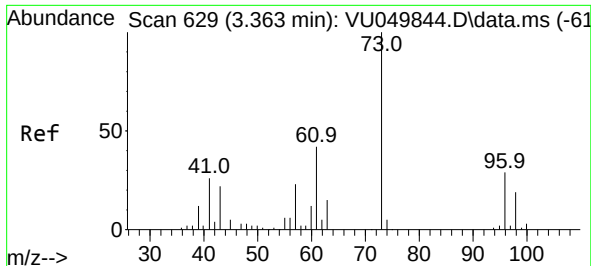
Tgt Ion: 43 Resp: 21254
Ion Ratio Lower Upper
43 100
74 21.4 17.1 25.7



#16
Methylene chloride
Concen: 7.065 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 84 Resp: 60328
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 134.5 94.1 174.8

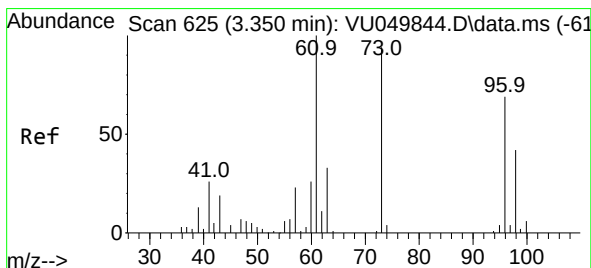
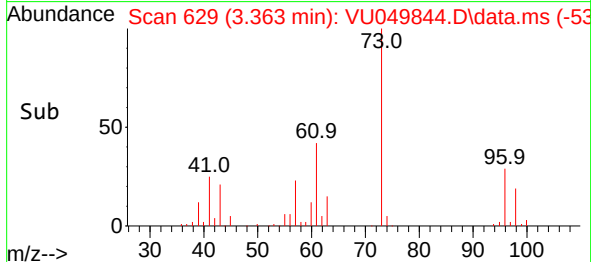
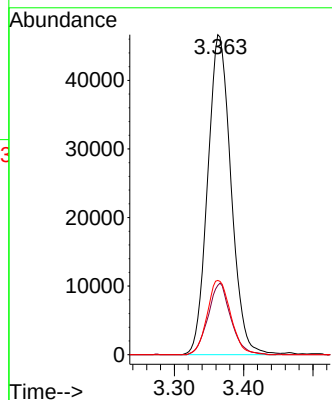
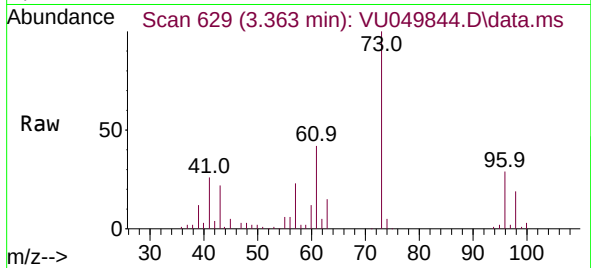




#17
Methyl tert-butyl Ether
Concen: 6.034 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

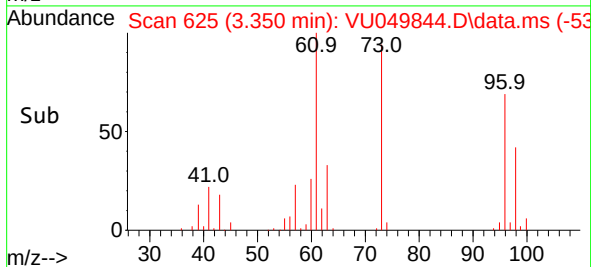
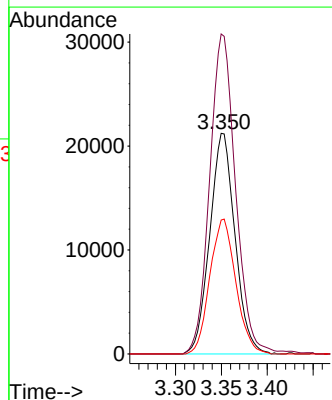
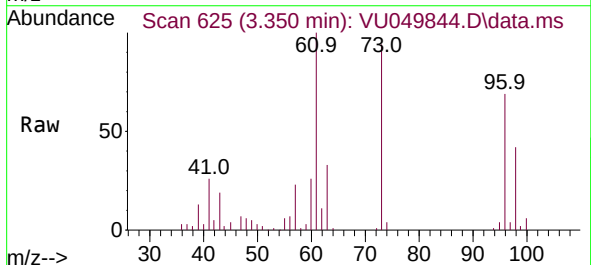
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

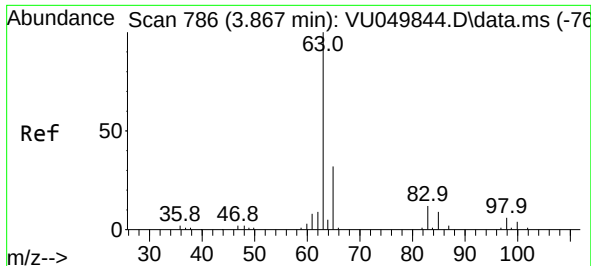
Tgt Ion: 73 Resp: 109059
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 23.4 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 6.083 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 96 Resp: 40647
Ion Ratio Lower Upper
96 100
61 145.0 101.5 188.5
98 60.7 42.5 78.9

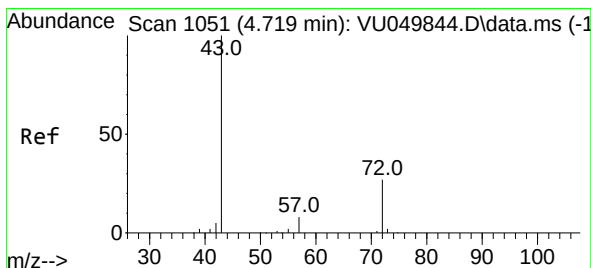
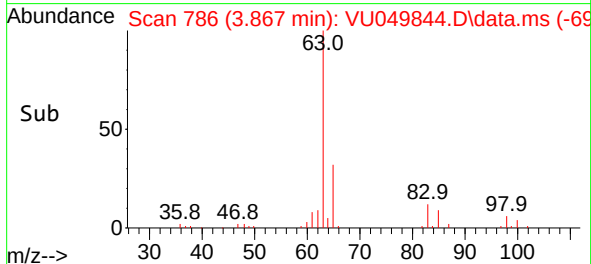
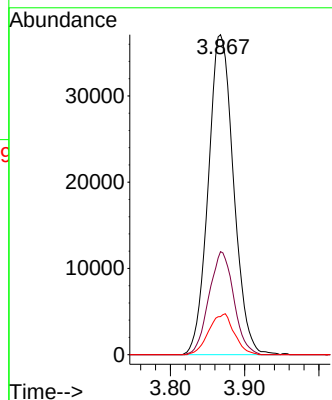
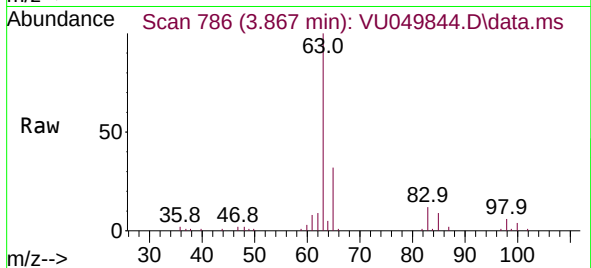




#19
1,1-Dichloroethane
Concen: 6.548 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

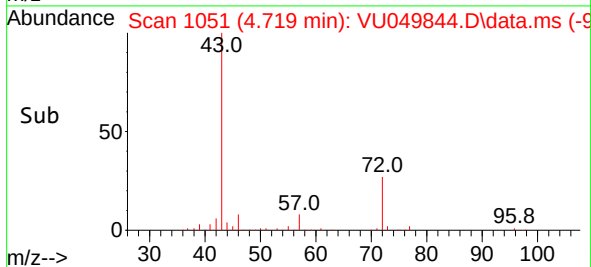
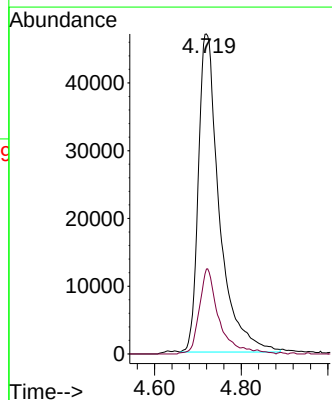
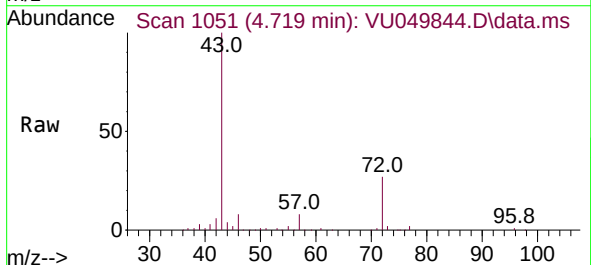
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

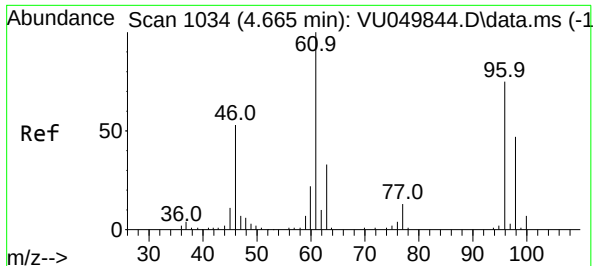
Tgt Ion: 63 Resp: 87809
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 11.9 8.3 15.5



#21
2-Butanone
Concen: 64.821 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 43 Resp: 157820
Ion Ratio Lower Upper
43 100
72 23.7 11.9 35.5

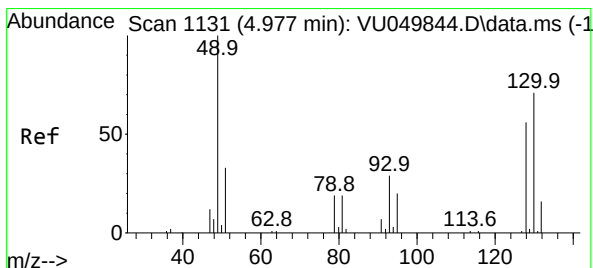
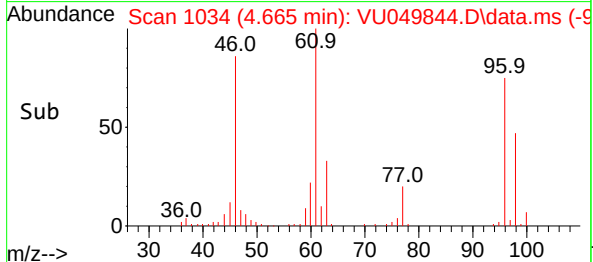
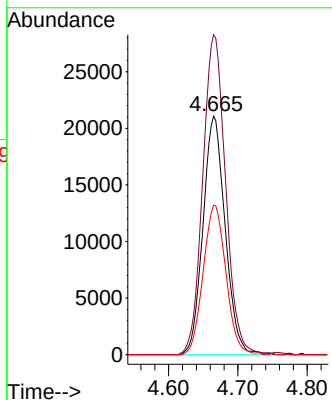
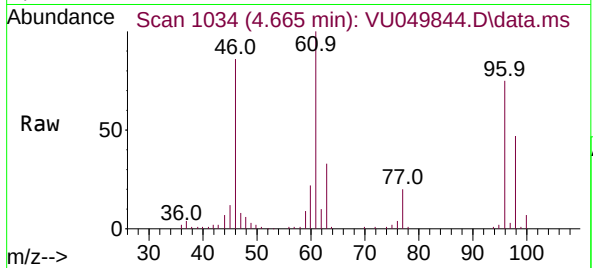




#22
 cis-1,2-Dichloroethene
 Concen: 6.236 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU049844.D
 Acq: 22 Jul 2022 11:01

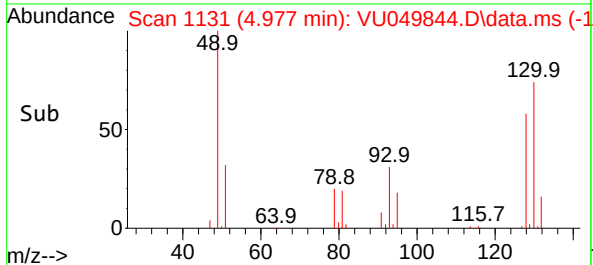
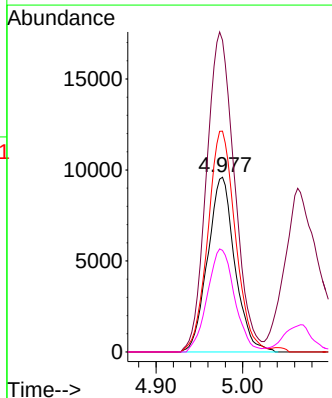
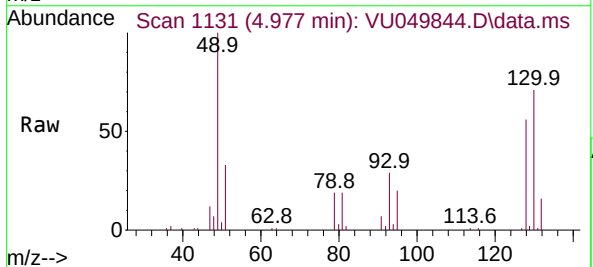
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005040

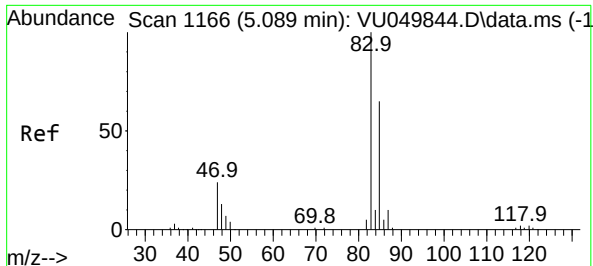
Tgt Ion: 96 Resp: 46949
 Ion Ratio Lower Upper
 96 100
 61 134.1 93.9 174.3
 98 62.7 43.9 81.5



#23
 Bromochloromethane
 Concen: 6.456 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049844.D
 Acq: 22 Jul 2022 11:01

Tgt Ion: 128 Resp: 20889
 Ion Ratio Lower Upper
 128 100
 49 178.5 124.9 232.1
 130 126.4 88.5 164.3
 51 58.2 46.6 69.8





#25

Chloroform

Concen: 6.707 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

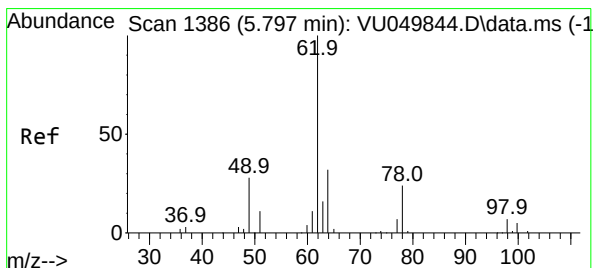
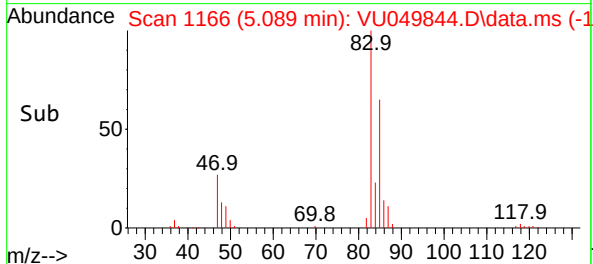
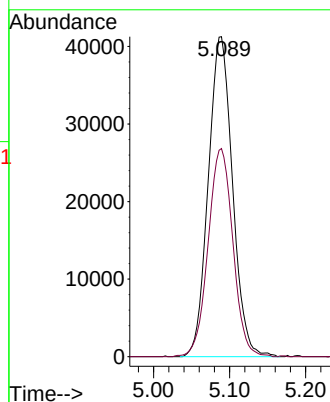
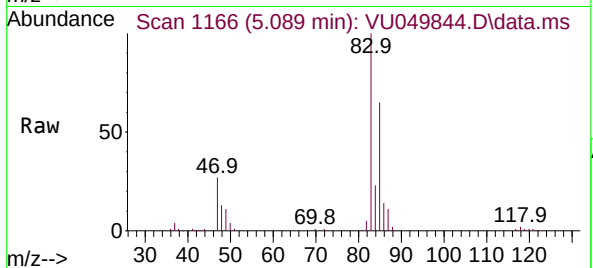
VSTD005040

Tgt Ion: 83 Resp: 91454

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 6.863 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049844.D

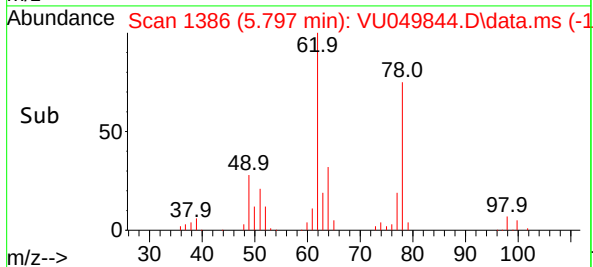
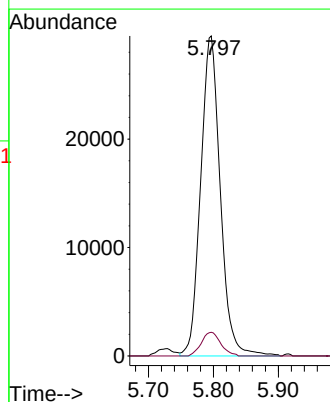
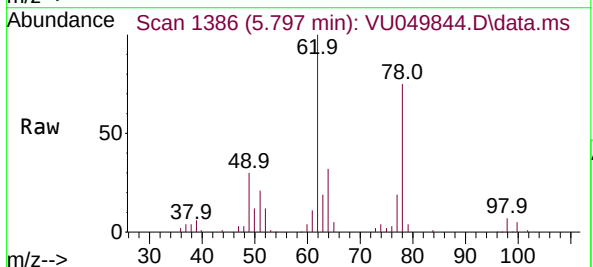
Acq: 22 Jul 2022 11:01

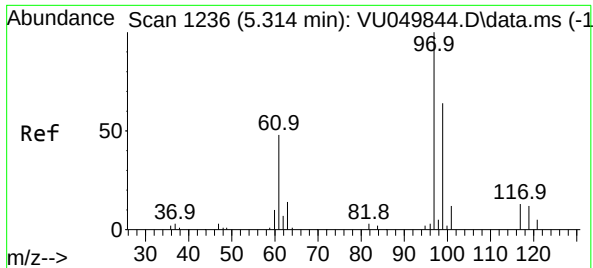
Tgt Ion: 62 Resp: 62124

Ion Ratio Lower Upper

62 100

98 7.4 5.9 8.9

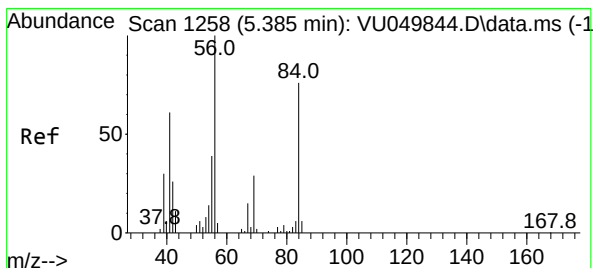
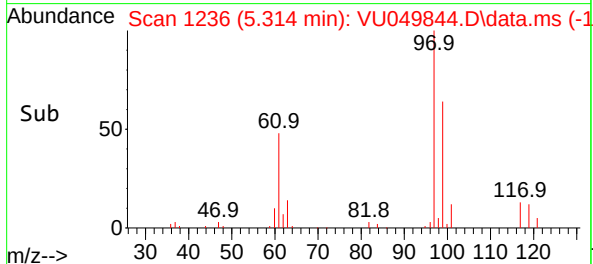
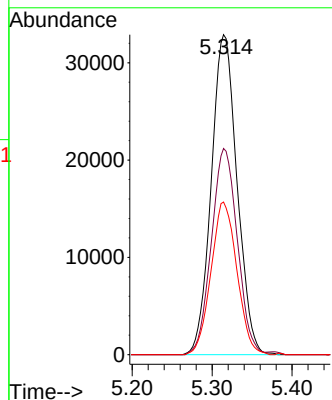
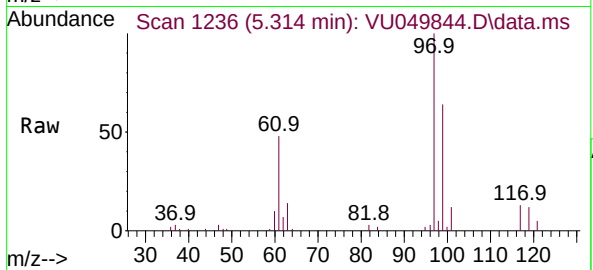




#29
1,1,1-Trichloroethane
Concen: 6.015 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

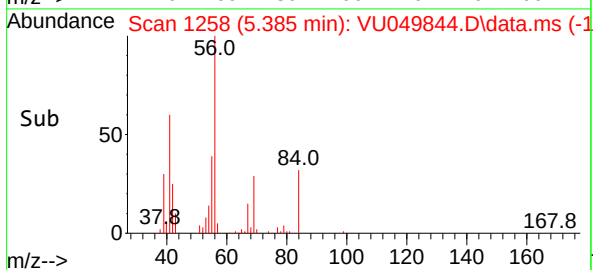
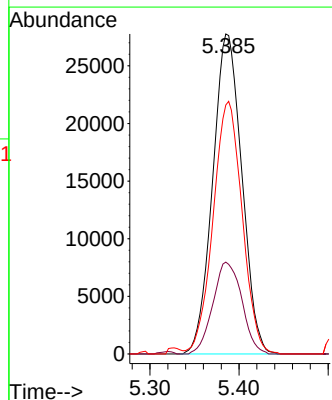
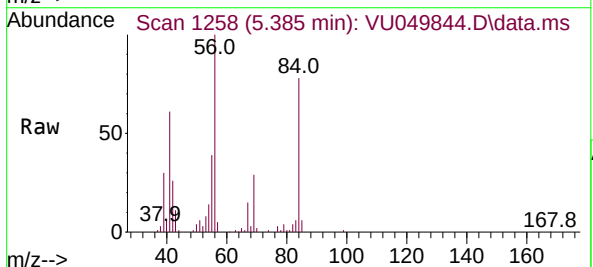
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

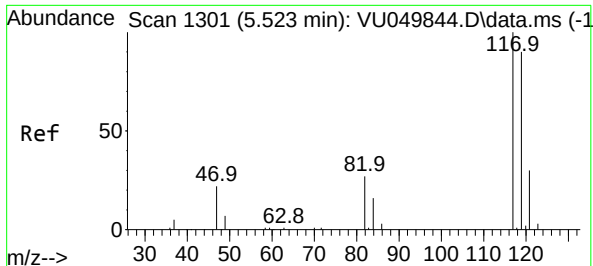
Tgt Ion:	97	Resp:	73764
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	47.9	38.3	57.5



#30
Cyclohexane
Concen: 4.764 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:	56	Resp:	63063
Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.8	34.2
84	78.8	63.0	94.6

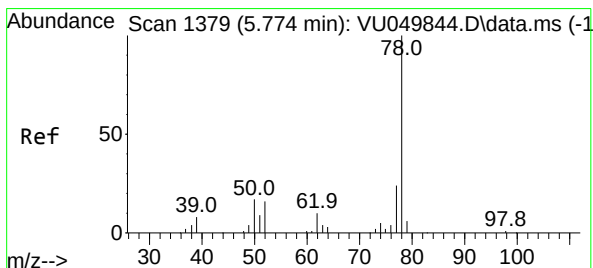
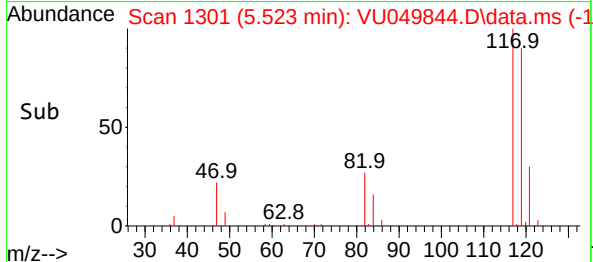
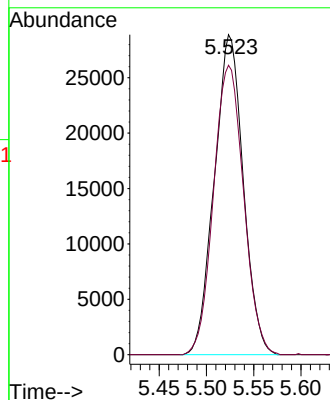
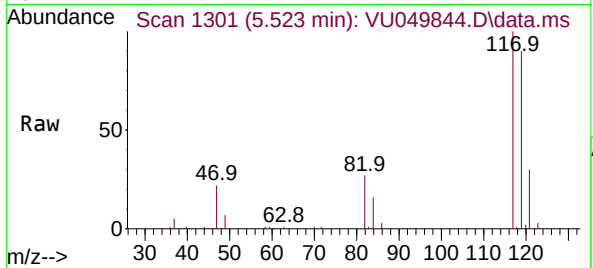




#31
Carbon tetrachloride
Concen: 5.977 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

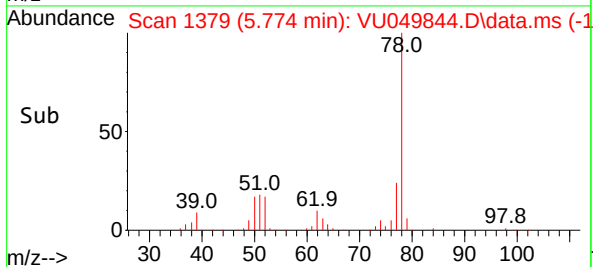
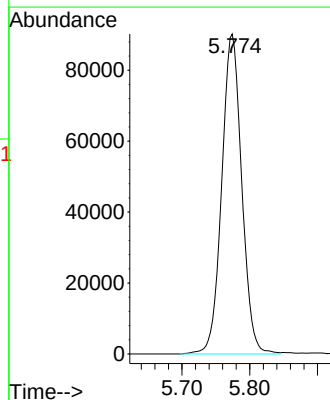
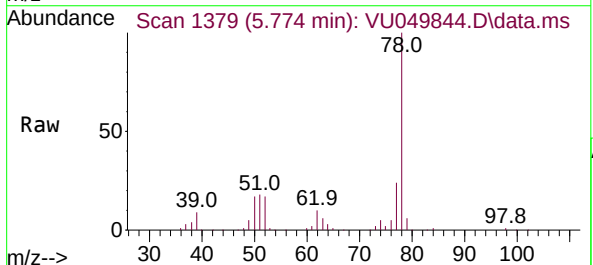
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

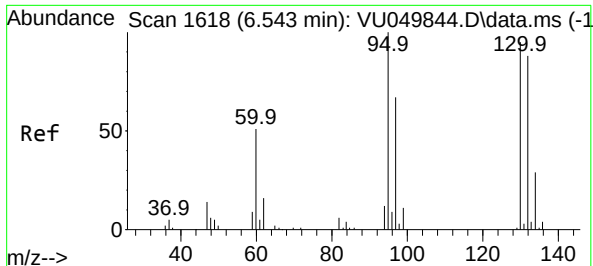
Tgt Ion:117 Resp: 61484
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8



#33
Benzene
Concen: 6.079 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 78 Resp: 185058





#34

Trichloroethene

Concen: 5.910 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005040

Tgt Ion: 95 Resp: 45612

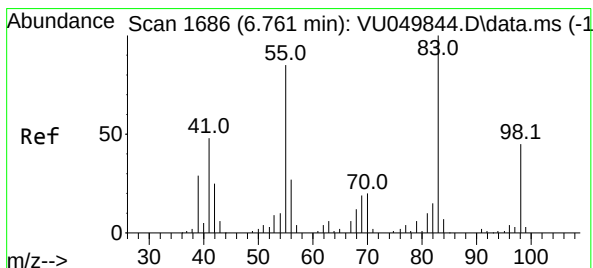
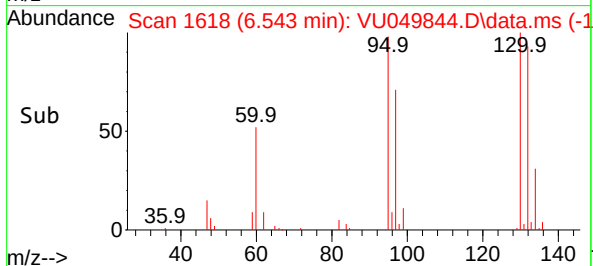
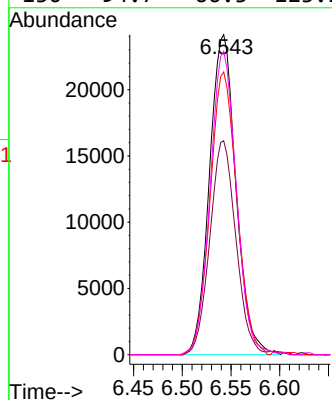
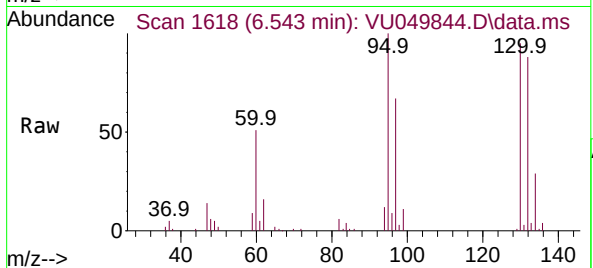
Ion Ratio Lower Upper

95 100

97 66.8 46.8 86.8

132 88.3 61.8 114.8

130 94.7 66.3 123.1



#35

Methylcyclohexane

Concen: 4.851 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

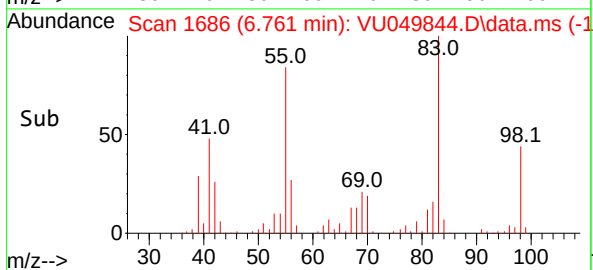
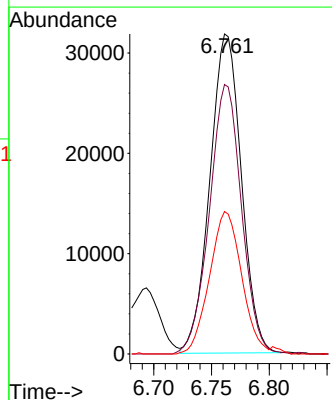
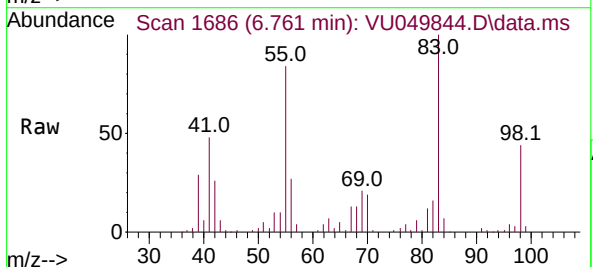
Tgt Ion: 83 Resp: 60309

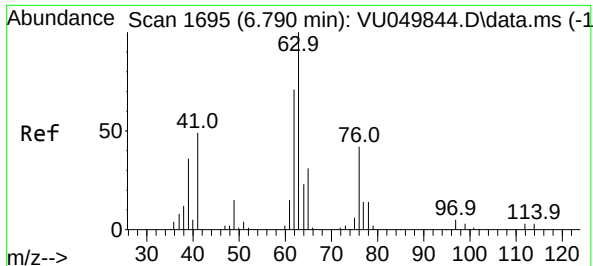
Ion Ratio Lower Upper

83 100

55 86.2 69.0 103.4

98 45.5 36.4 54.6

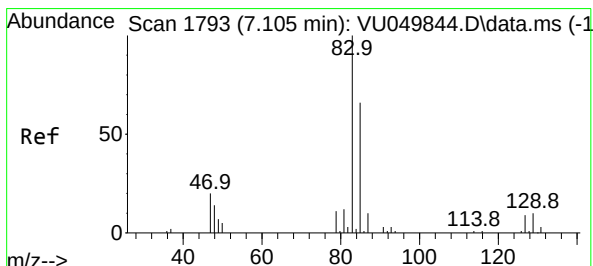
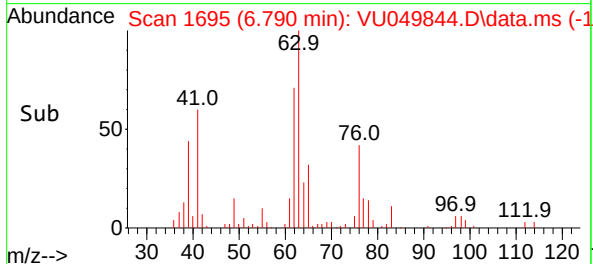
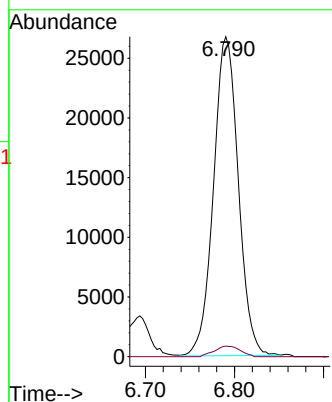
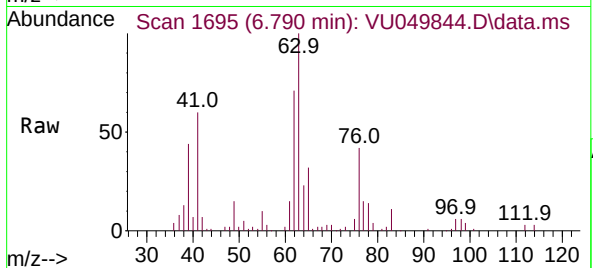




#37
1,2-Dichloropropane
Concen: 6.138 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

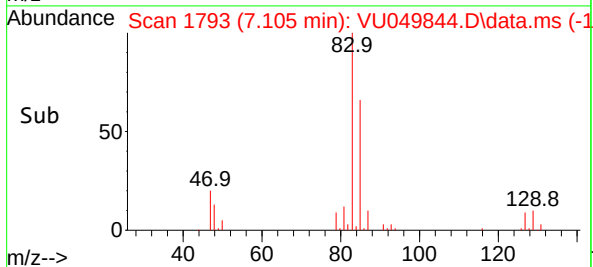
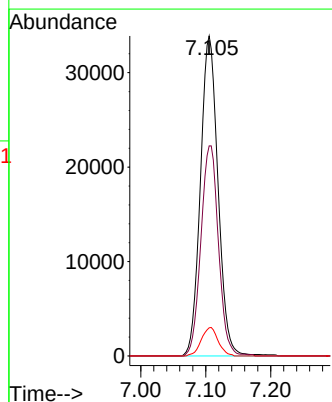
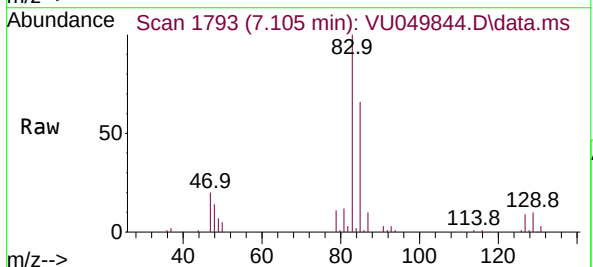
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

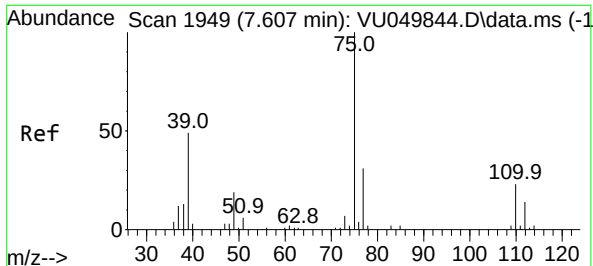
Tgt Ion: 63 Resp: 51651
Ion Ratio Lower Upper
63 100
112 3.5 2.8 4.2



#38
Bromodichloromethane
Concen: 6.213 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 83 Resp: 63980
Ion Ratio Lower Upper
83 100
85 65.6 45.9 85.3
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.601 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

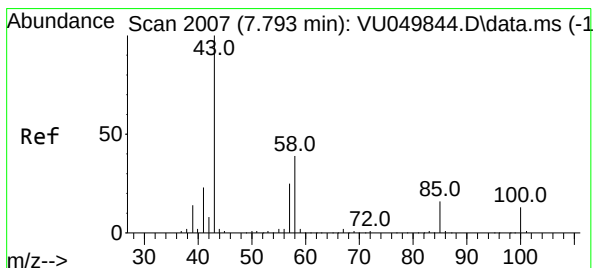
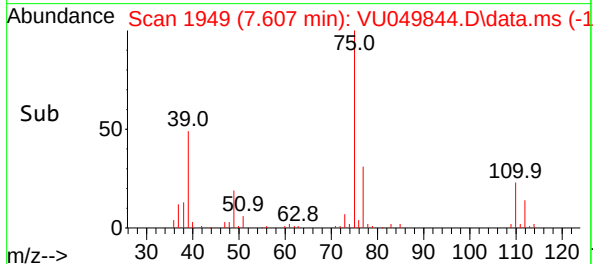
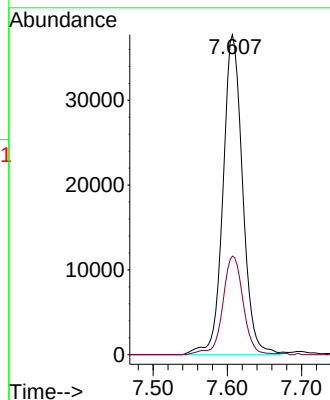
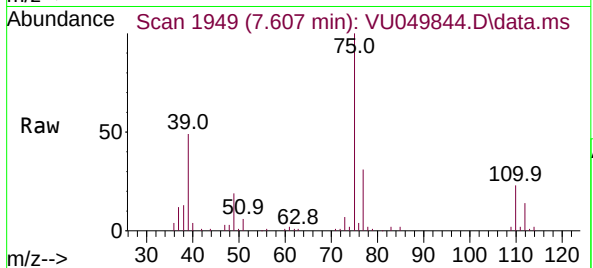
VSTD005040

Tgt Ion: 75 Resp: 69441

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 59.492 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

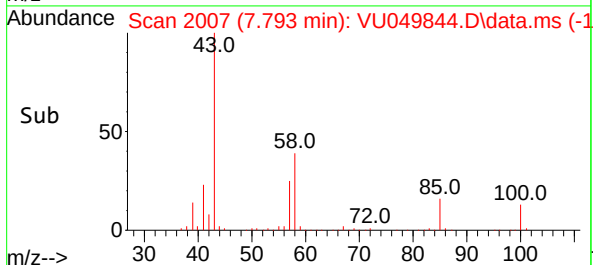
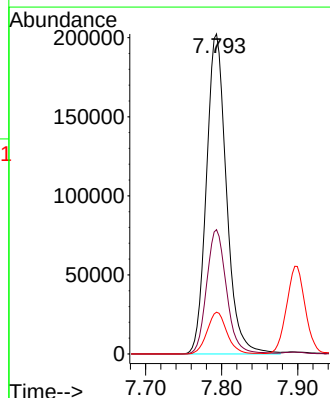
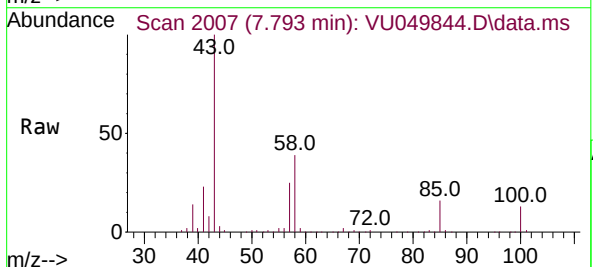
Tgt Ion: 43 Resp: 370566

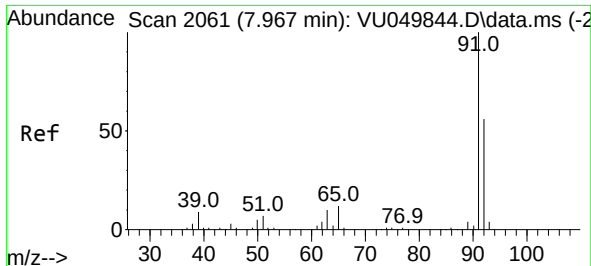
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 13.0 10.4 15.6





#42

Toluene

Concen: 5.994 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

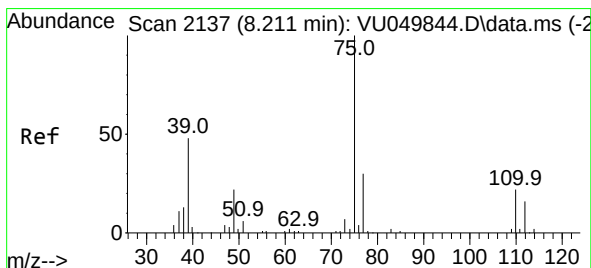
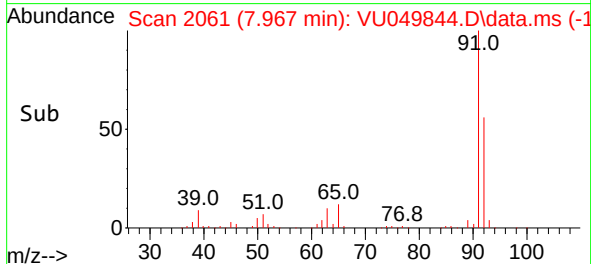
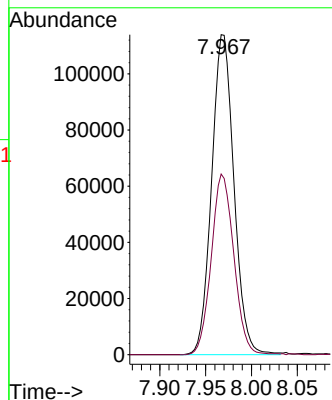
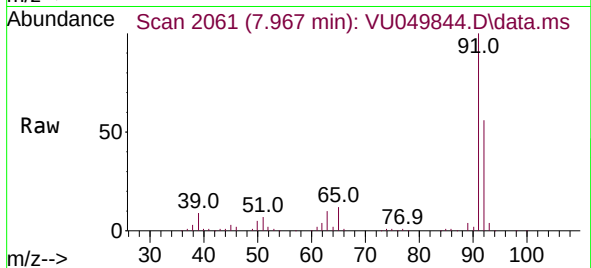
VSTD005040

Tgt Ion: 91 Resp: 192851

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.468 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049844.D

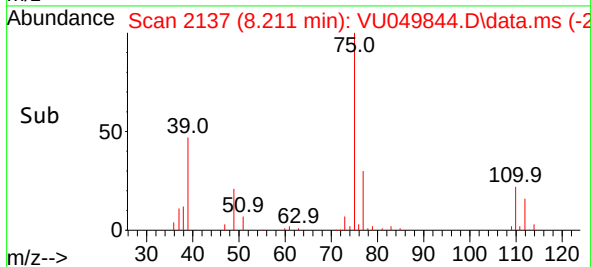
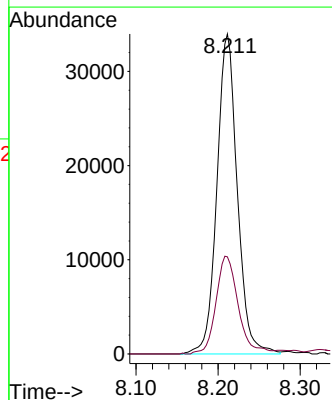
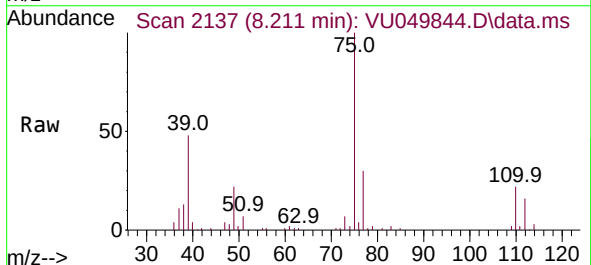
Acq: 22 Jul 2022 11:01

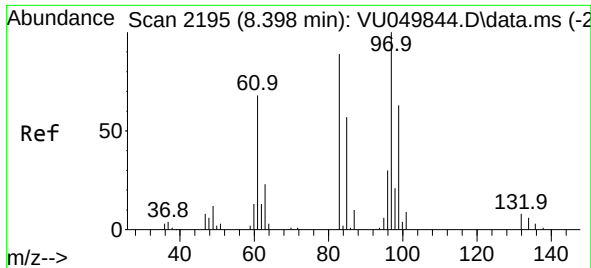
Tgt Ion: 75 Resp: 58744

Ion Ratio Lower Upper

75 100

77 30.3 21.2 39.4

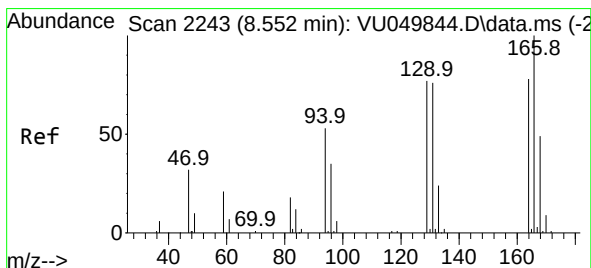
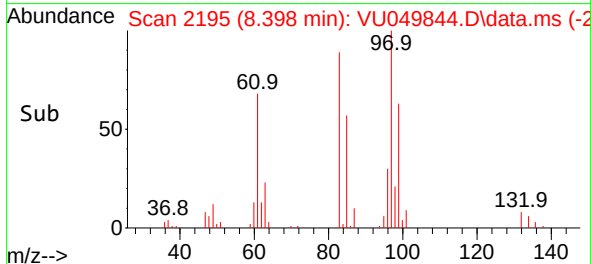
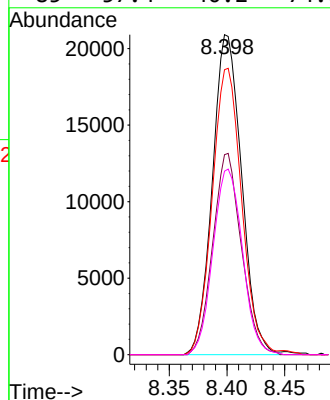
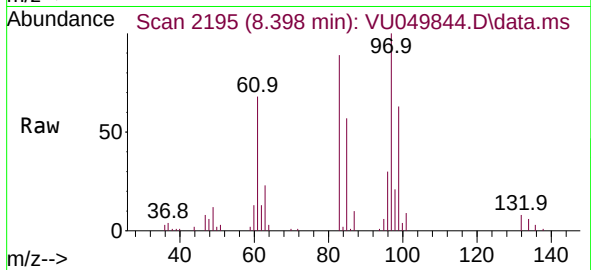




#45
1,1,2-Trichloroethane
Concen: 6.204 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

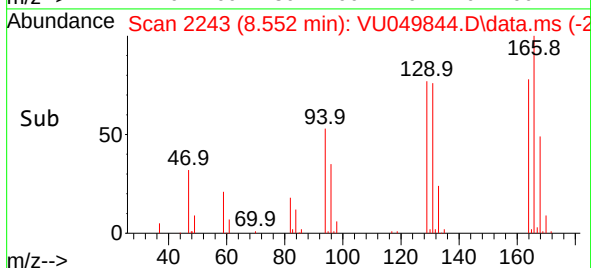
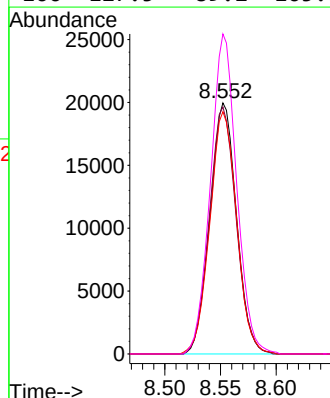
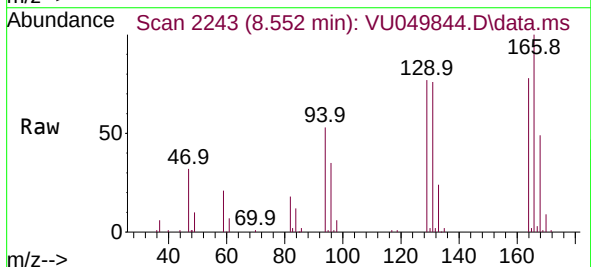
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

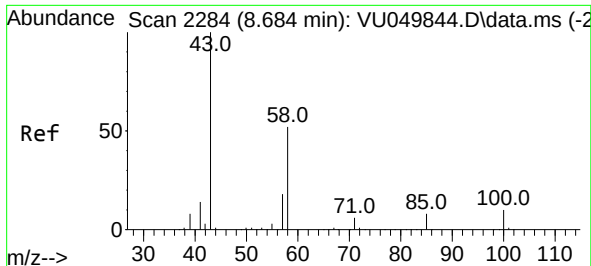
Tgt Ion: 97	Resp: 36785
Ion Ratio	Lower Upper
97 100	
99 62.5	43.8 81.3
83 89.1	62.4 115.8
85 57.4	40.2 74.6



#47
Tetrachloroethene
Concen: 6.173 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt	Ion:164	Resp:	33216
Ion	Ratio	Lower	Upper
164	100		
129	98.4	68.9	127.9
131	96.5	67.5	125.4
166	127.5	89.2	165.8

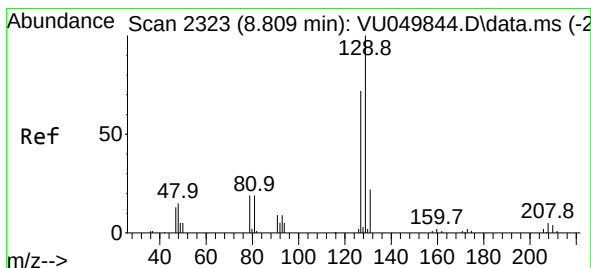
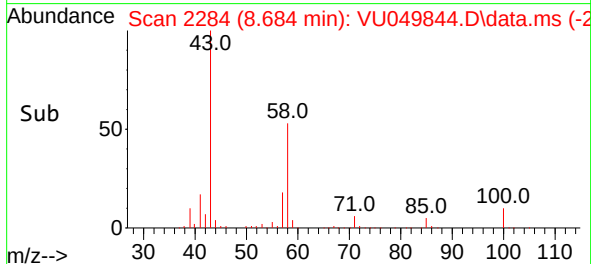
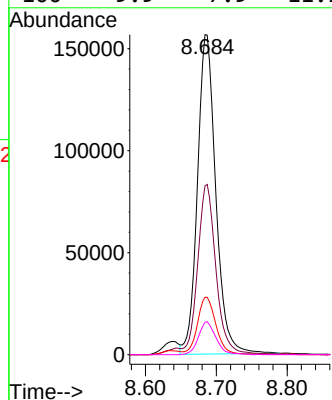
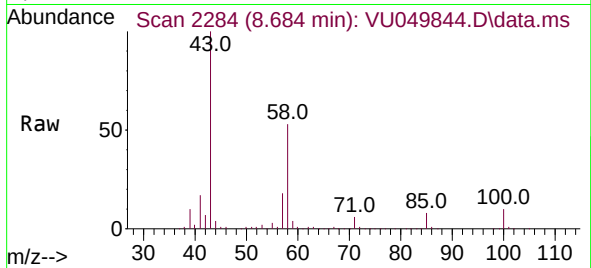




#48
2-Hexanone
Concen: 62.415 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

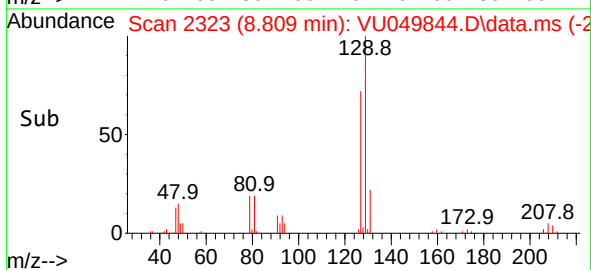
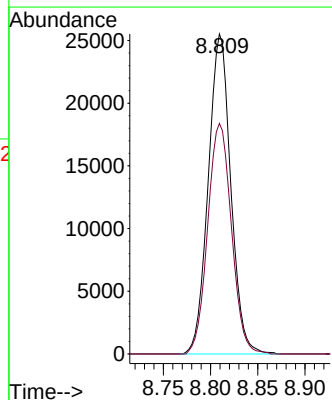
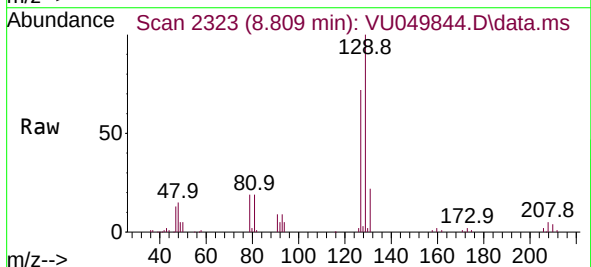
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

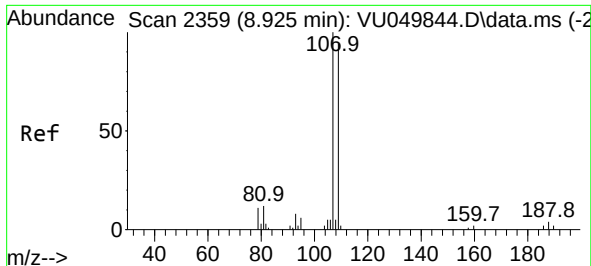
Tgt Ion: 43 Resp: 281900
Ion Ratio Lower Upper
43 100
58 52.6 42.1 63.1
57 17.9 14.3 21.5
100 9.9 7.9 11.9



#49
Dibromochloromethane
Concen: 6.288 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 129 Resp: 42261
Ion Ratio Lower Upper
129 100
127 72.1 50.5 93.7

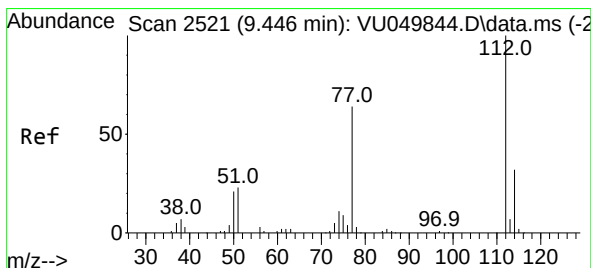
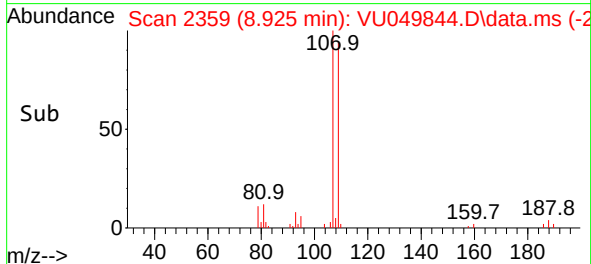
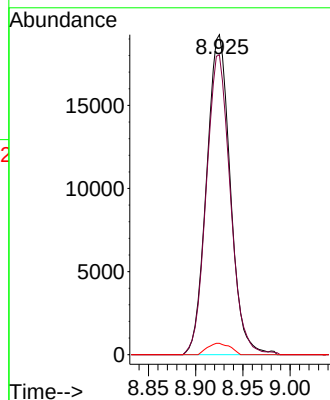
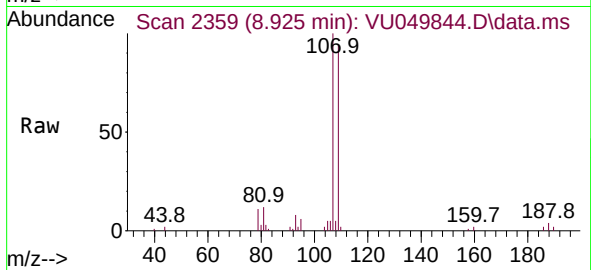




#50
1,2-Dibromoethane
Concen: 6.215 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

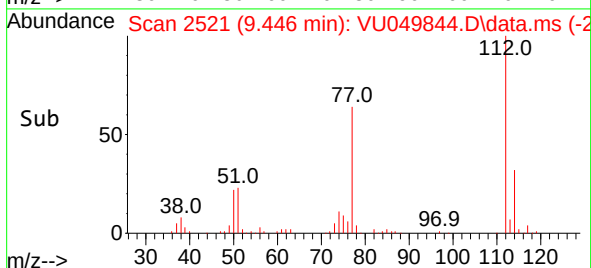
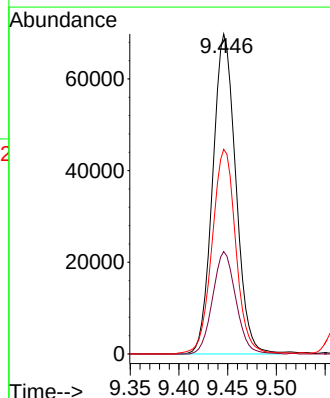
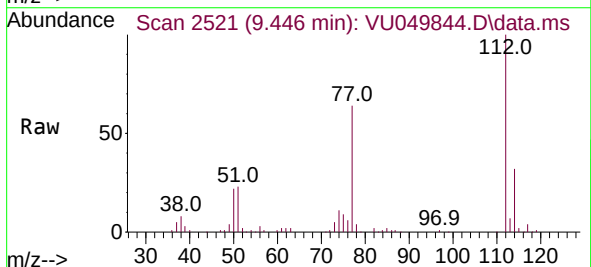
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

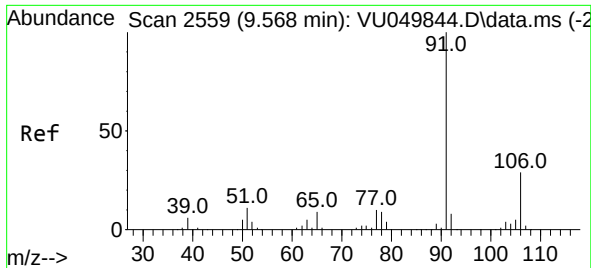
Tgt Ion:107 Resp: 33621
Ion Ratio Lower Upper
107 100
109 93.7 65.6 121.8
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 5.906 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:112 Resp: 115417
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 64.0 51.2 76.8

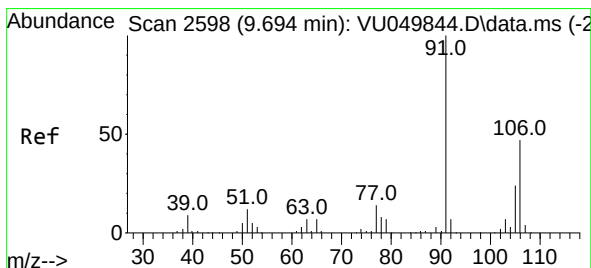
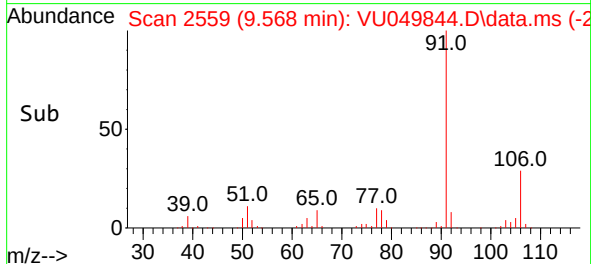
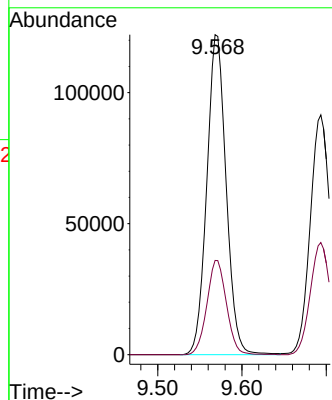
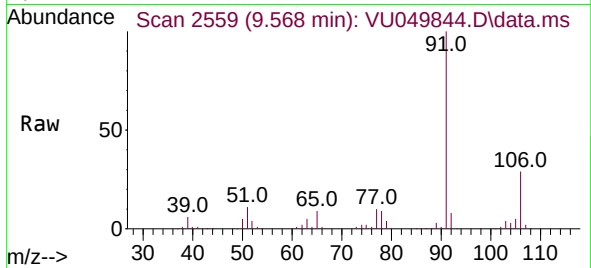




#52
Ethylbenzene
Concen: 5.638 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

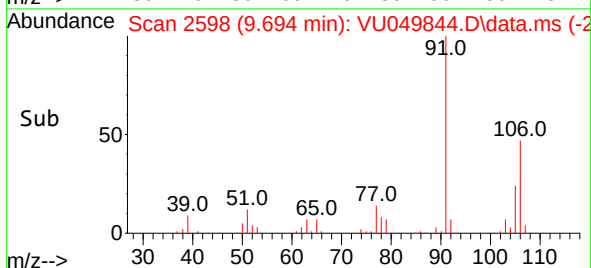
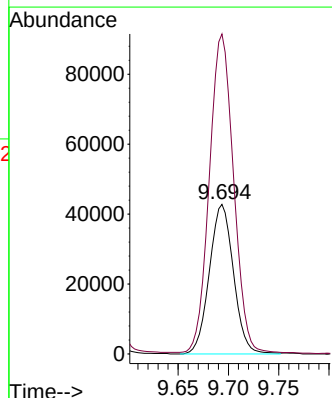
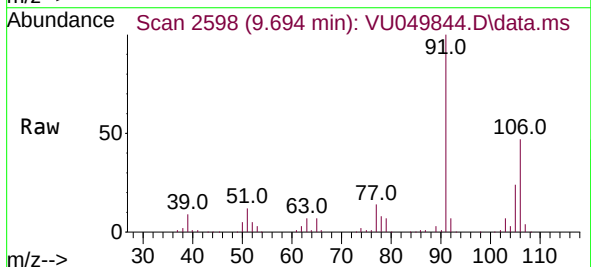
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

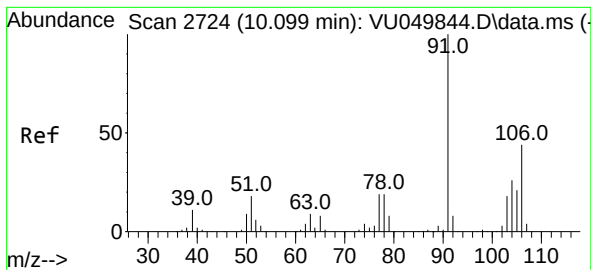
Tgt Ion: 91 Resp: 194891
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.597 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 106 Resp: 71448
Ion Ratio Lower Upper
106 100
91 213.8 149.7 277.9





#54

o-Xylene

Concen: 5.607 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

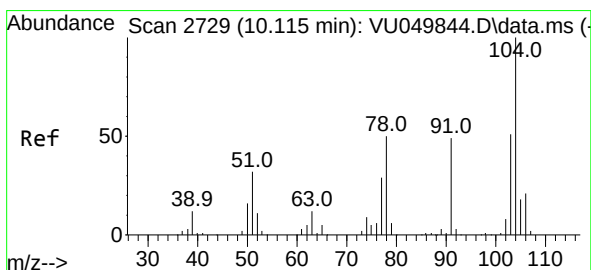
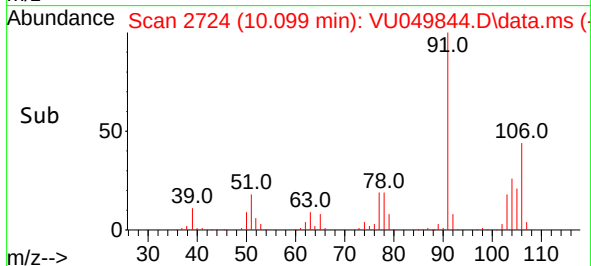
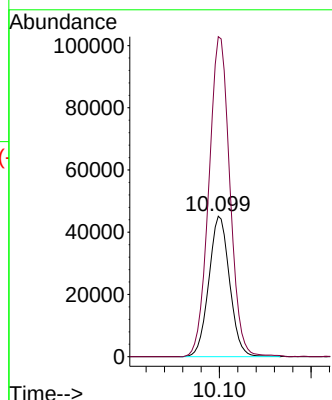
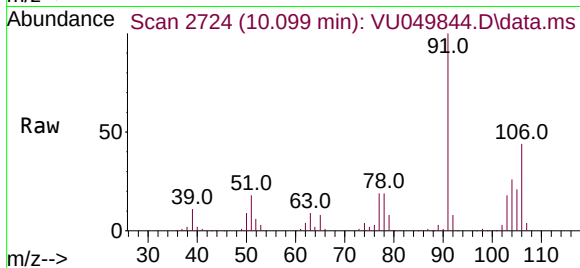
VSTD005040

Tgt Ion:106 Resp: 71059

Ion Ratio Lower Upper

106 100

91 227.7 159.4 296.0



#55

Styrene

Concen: 5.653 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049844.D

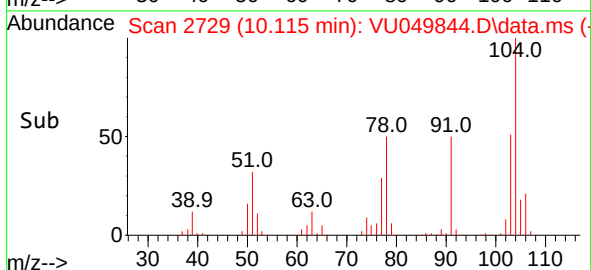
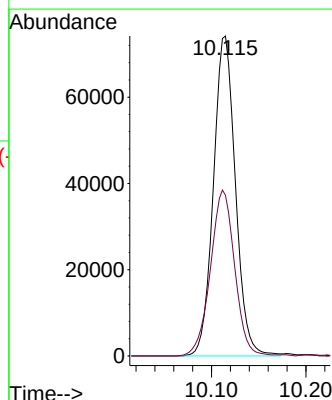
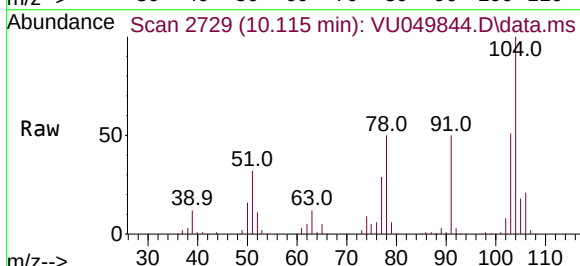
Acq: 22 Jul 2022 11:01

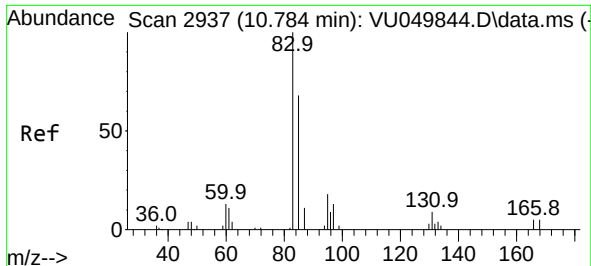
Tgt Ion:104 Resp: 120151

Ion Ratio Lower Upper

104 100

78 50.2 35.1 65.3

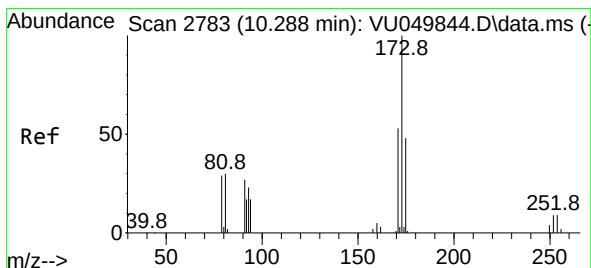
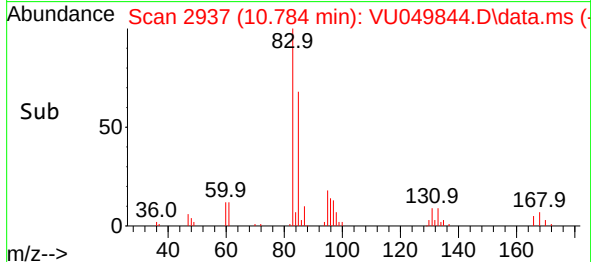
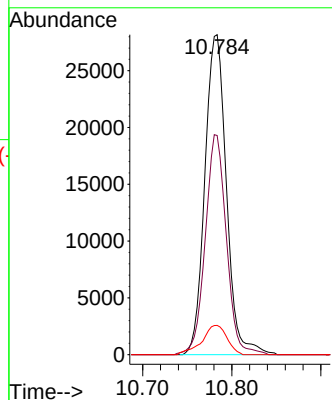
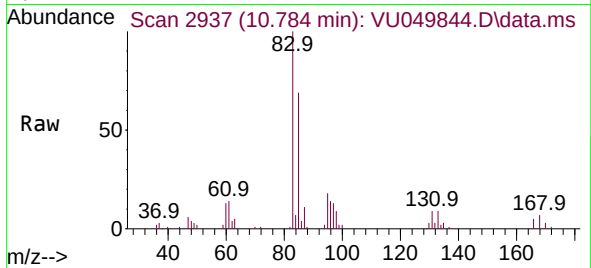




#57
1,1,2,2-Tetrachloroethane
Concen: 6.084 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

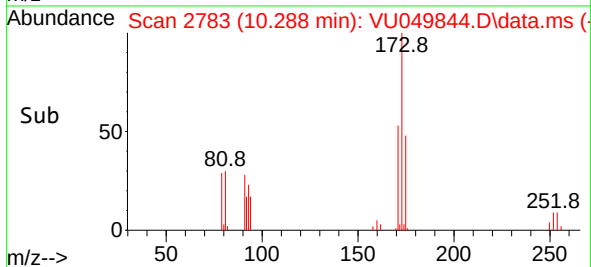
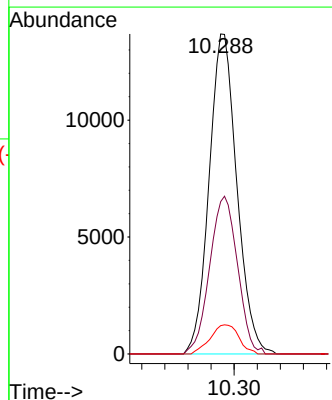
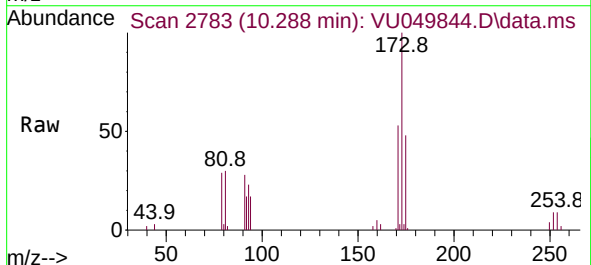
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

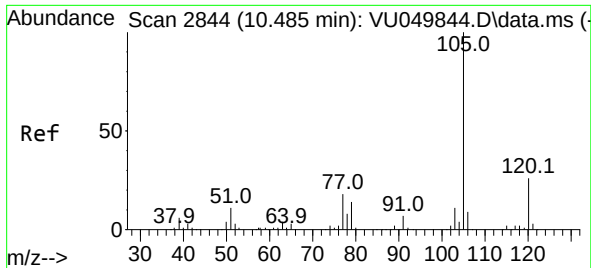
Tgt Ion: 83 Resp: 47436
Ion Ratio Lower Upper
83 100
85 68.5 47.9 89.1
131 9.1 7.3 10.9



#59
Bromoform
Concen: 5.767 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:173 Resp: 22798
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
254 9.4 7.5 11.3

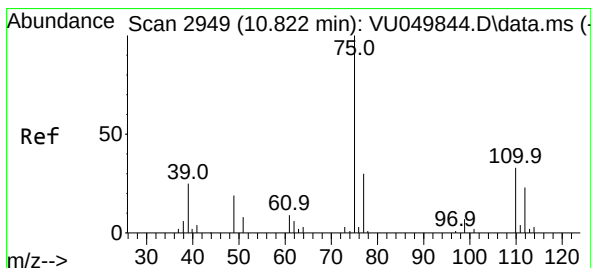
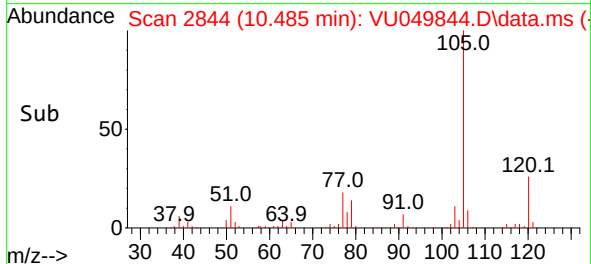
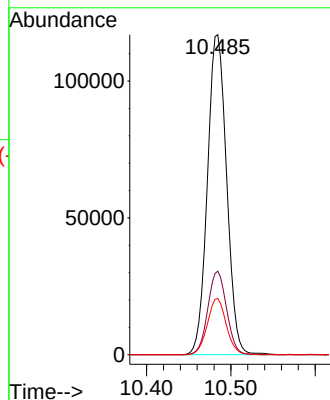
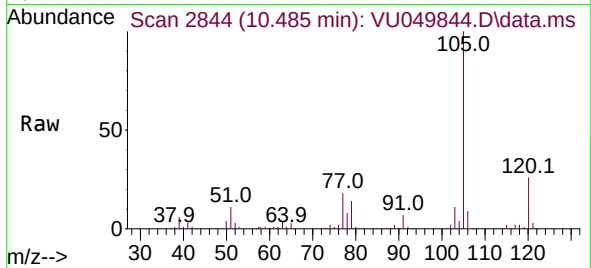




#60
Isopropylbenzene
Concen: 5.290 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

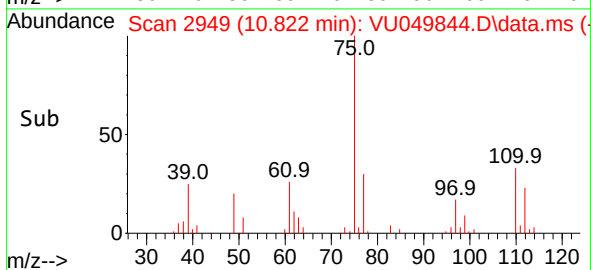
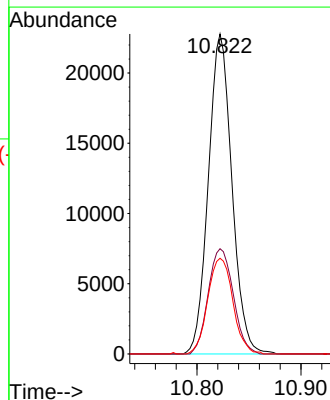
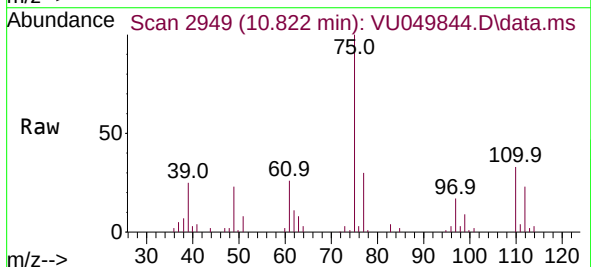
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

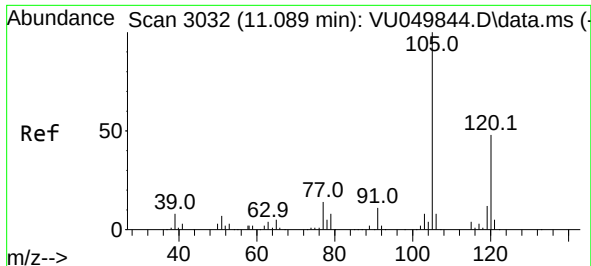
Tgt Ion:105 Resp: 185410
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 17.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.938 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion: 75 Resp: 35885
Ion Ratio Lower Upper
75 100
110 35.0 28.0 42.0
77 31.8 25.4 38.2

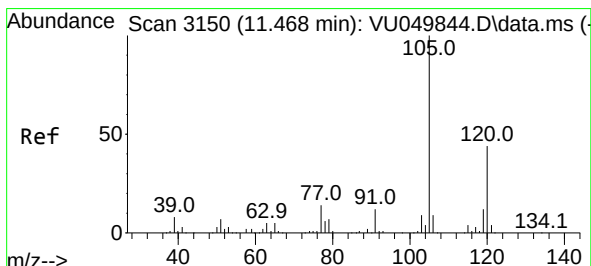
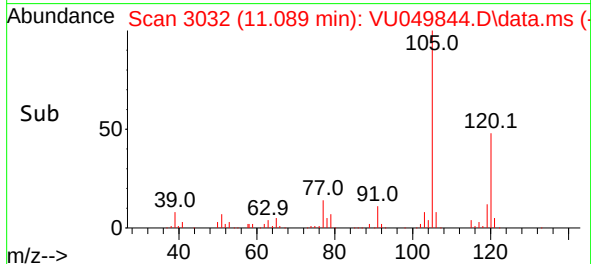
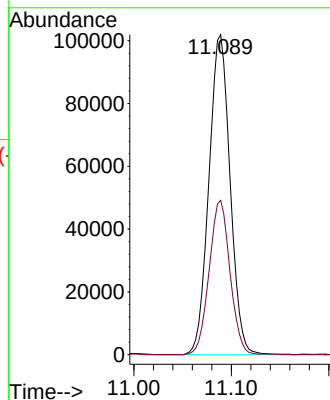
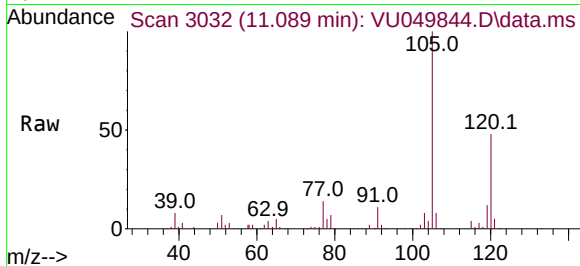




#62
1,3,5-Trimethylbenzene
Concen: 5.033 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

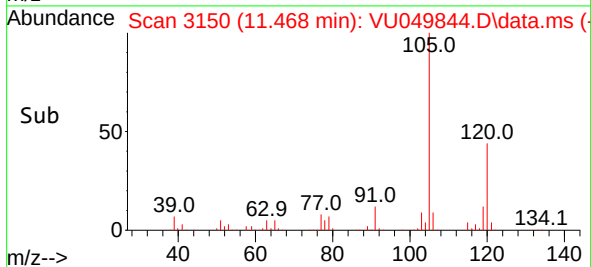
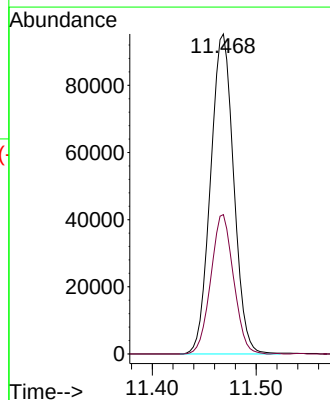
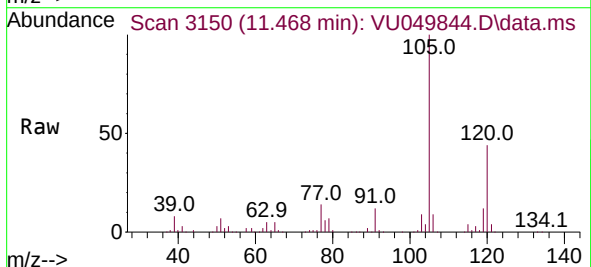
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

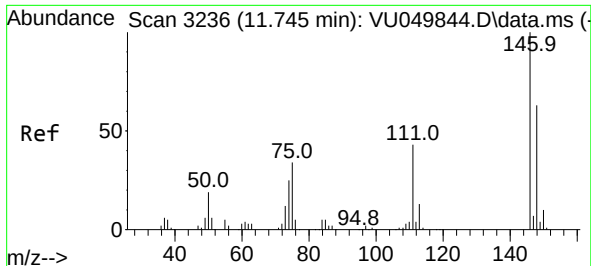
Tgt Ion:105 Resp: 154015
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 4.901 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:105 Resp: 147181
Ion Ratio Lower Upper
105 100
120 42.8 34.2 51.4

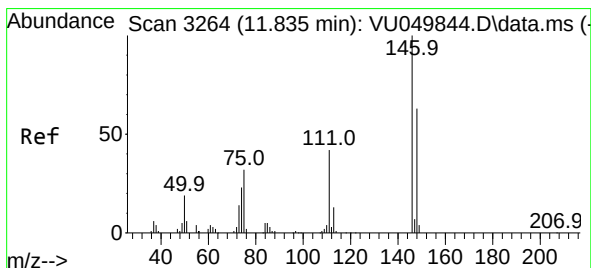
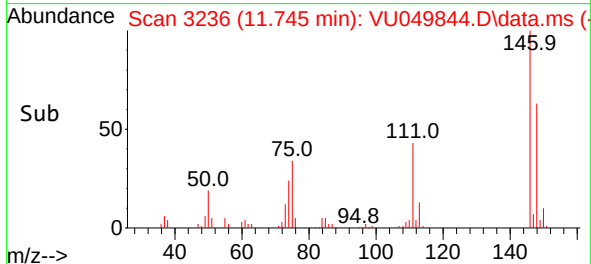
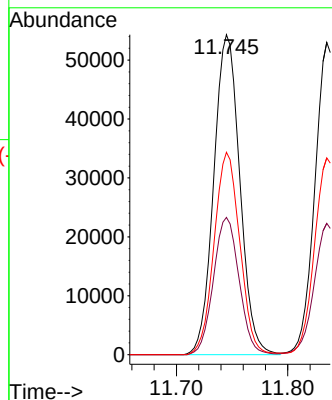
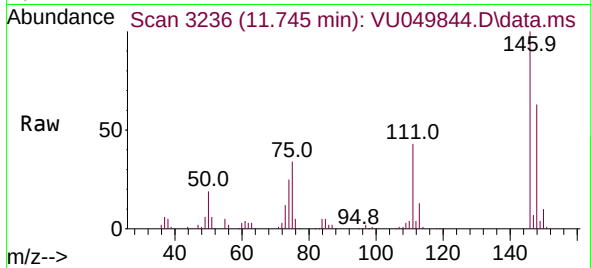




#64
1,3-Dichlorobenzene
Concen: 5.717 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

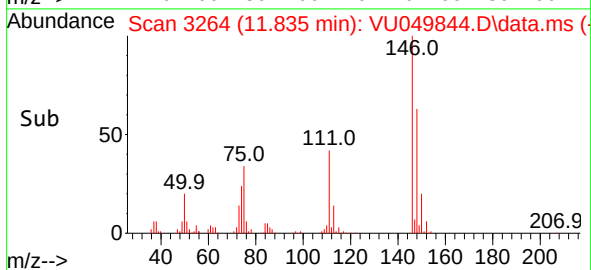
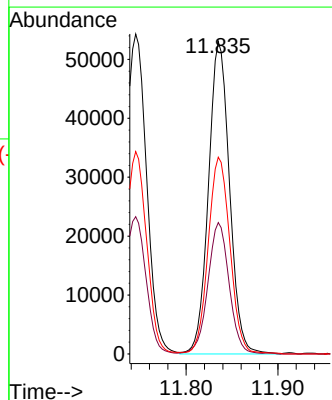
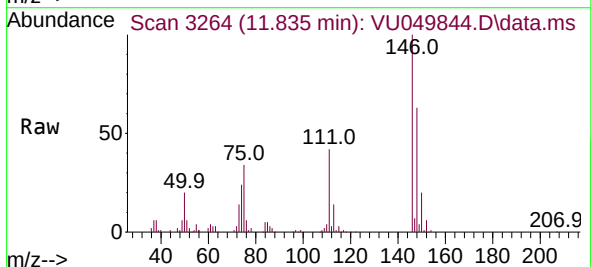
Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

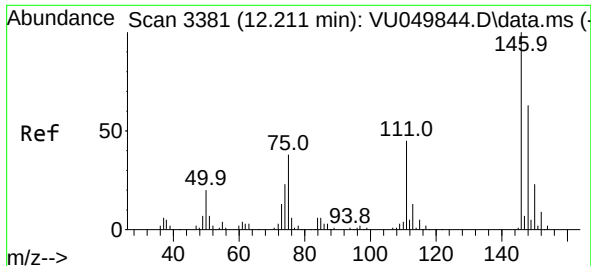
Tgt Ion:146 Resp: 88302
Ion Ratio Lower Upper
146 100
111 42.9 30.0 55.8
148 63.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.590 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:146 Resp: 84636
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.7
148 63.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.717 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

Instrument :

MSVOA_U

ClientSampleId :

VSTD005040

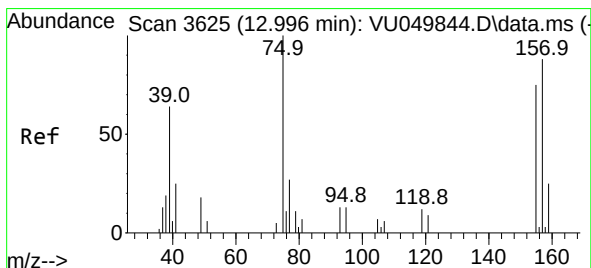
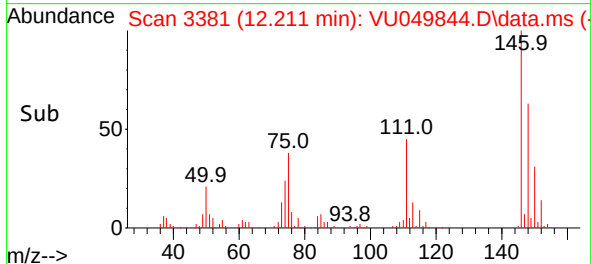
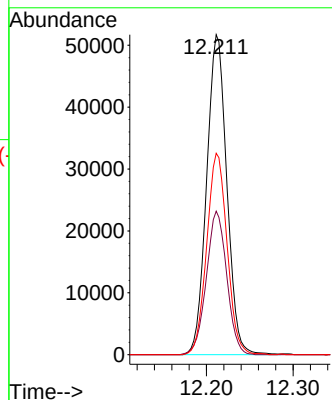
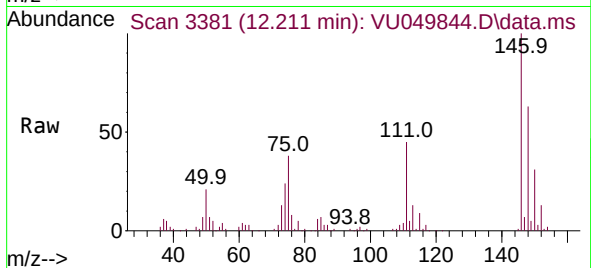
Tgt Ion:146 Resp: 83597

Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

148 62.9 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.078 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049844.D

Acq: 22 Jul 2022 11:01

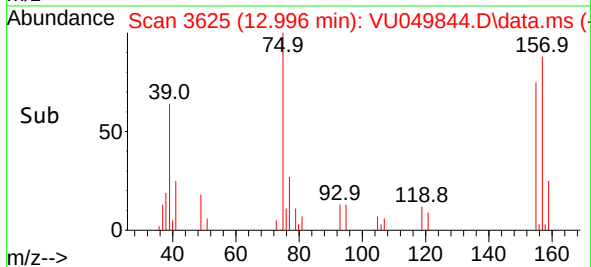
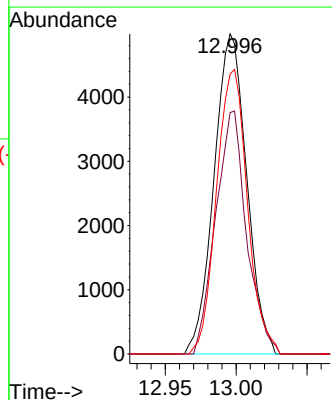
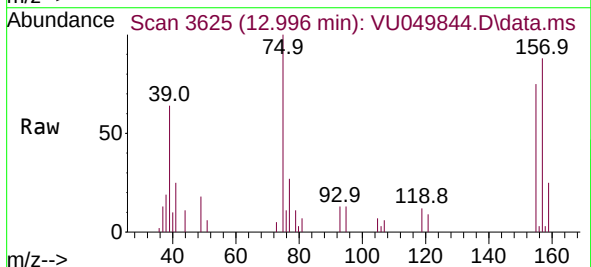
Tgt Ion: 75 Resp: 7989

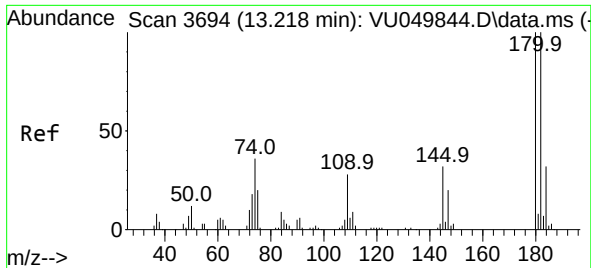
Ion Ratio Lower Upper

75 100

155 75.5 60.4 90.6

157 87.5 70.0 105.0

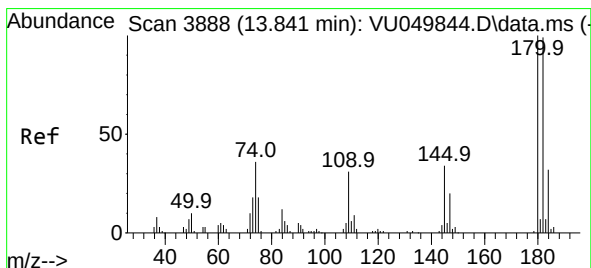
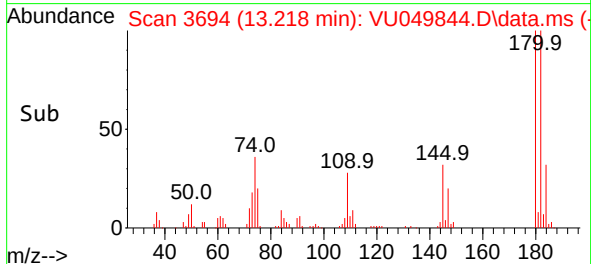
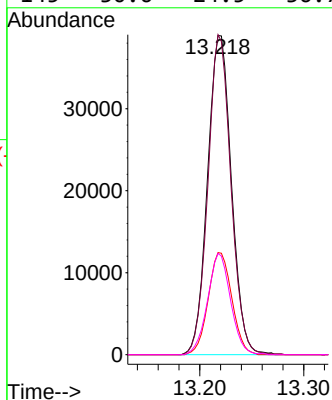
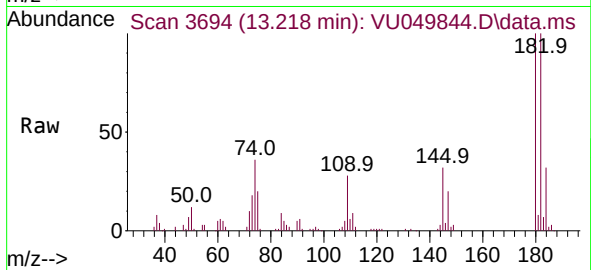




#69
 1,3,5-Trichlorobenzene
 Concen: 5.475 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU049844.D
 Acq: 22 Jul 2022 11:01

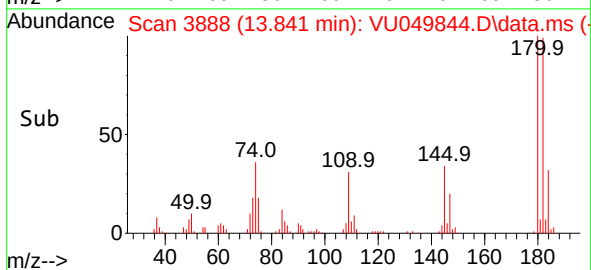
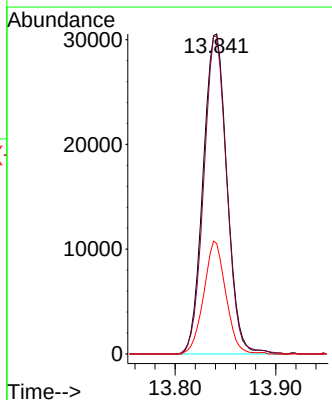
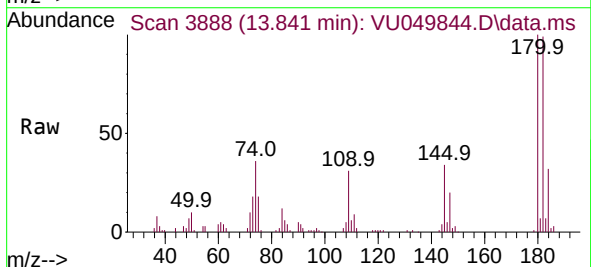
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005040

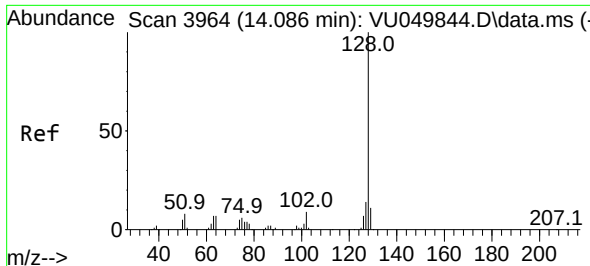
Tgt Ion:180	Resp:	62092
Ion Ratio	Lower	Upper
180	100	
182	96.5	77.2 115.8
184	31.6	25.3 37.9
145	30.6	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.538 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU049844.D
 Acq: 22 Jul 2022 11:01

Tgt Ion:180	Resp:	50328
Ion Ratio	Lower	Upper
180	100	
182	96.2	77.0 115.4
145	32.6	26.1 39.1

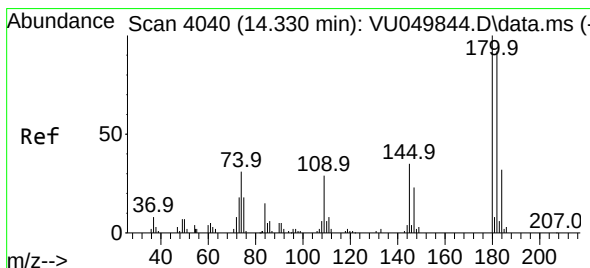
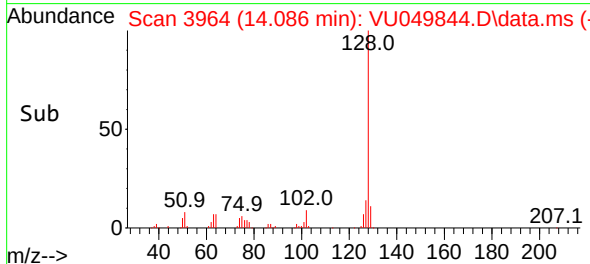
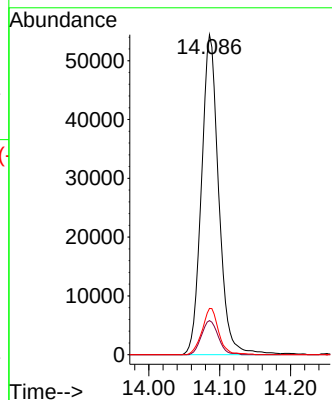
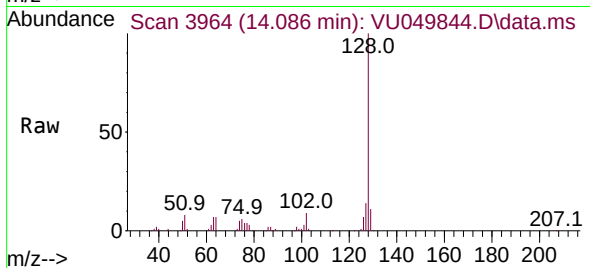




#71
Naphthalene
Concen: 5.139 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD005040

Tgt Ion:128 Resp: 91987
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.9 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.649 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049844.D
Acq: 22 Jul 2022 11:01

Tgt Ion:180 Resp: 48718
Ion Ratio Lower Upper
180 100
182 92.4 73.9 110.9
145 34.7 27.8 41.6

