

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047763.D
 Acq On : 30 Mar 2022 15:36
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 31 02:23:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 02:19:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	362738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	539902	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	546404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	322946	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	589903	113.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 226.220%#	
35) Dibromofluoromethane	5.292	113	526660	144.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 289.240%#	
50) Toluene-d8	7.899	98	1868680	136.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 272.440%#	
62) 4-Bromofluorobenzene	10.636	95	809010	147.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 295.640%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	444730	100.184	ug/l	100
3) Chloromethane	1.523	50	486967	95.064	ug/l	98
4) Vinyl Chloride	1.607	62	490810	99.243	ug/l	99
5) Bromomethane	1.861	94	345524	124.555	ug/l	98
6) Chloroethane	1.938	64	308950	95.099	ug/l	97
7) Trichlorofluoromethane	2.144	101	733338	110.407	ug/l	98
8) Diethyl Ether	2.379	74	305644	115.794	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	450054	114.732	ug/l	99
10) Methyl Iodide	2.726	142	458592	97.606	ug/l	99
11) Tert butyl alcohol	3.359	59	319737	293.206	ug/l	# 1
12) 1,1-Dichloroethene	2.581	96	423698	110.135	ug/l	99
13) Acrolein	2.498	56	7447	55.346	ug/l	94
14) Allyl chloride	2.925	41	639760	96.019	ug/l	99
15) Acrylonitrile	3.334	53	1884144	664.104	ug/l	99
16) Acetone	2.662	43	1987199	713.016	ug/l	99
17) Carbon Disulfide	2.797	76	1059175	99.688	ug/l	100
18) Methyl Acetate	2.961	43	700137	80.225	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	1526004	111.265	ug/l	100
20) Methylene Chloride	3.047	84	506998	109.179	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	466754	116.819	ug/l	99
22) Diisopropyl ether	3.996	45	1377793	104.511	ug/l	96
23) Vinyl Acetate	3.961	43	6499193	628.997	ug/l	100
24) 1,1-Dichloroethane	3.874	63	850123	107.600	ug/l	99
25) 2-Butanone	4.726	43	2442496	658.576	ug/l	98
26) 2,2-Dichloropropane	4.668	77	775710	117.883	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	567165	120.598	ug/l	100
28) Bromochloromethane	4.980	49	347193	92.996	ug/l	99
29) Tetrahydrofuran	5.067	42	1556408	678.847	ug/l	100
30) Chloroform	5.092	83	903681	114.425	ug/l	99
31) Cyclohexane	5.391	56	686824	93.987	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	783625	116.951	ug/l	99
36) 1,1-Dichloropropene	5.530	75	663116	129.593	ug/l	99
37) Ethyl Acetate	4.809	43	1035470	165.638	ug/l	97
38) Carbon Tetrachloride	5.530	117	704729	134.622	ug/l	100
39) Methylcyclohexane	6.764	83	800640	127.137	ug/l	100
40) Benzene	5.777	78	1938574	127.263	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	438860	140.801	ug/l	99
42) 1,2-Dichloroethane	5.797	62	687678	125.248	ug/l	99
43) Isopropyl Acetate	5.916	43	1276224	141.478	ug/l	100
44) Trichloroethene	6.546	130	564280	148.025	ug/l	98
45) 1,2-Dichloropropane	6.793	63	519184	127.944	ug/l	98
46) Dibromomethane	6.922	93	373653	130.341	ug/l	100
47) Bromodichloromethane	7.108	83	702591	130.064	ug/l	99
48) Methyl methacrylate	6.964	41	562169	134.356	ug/l	99
49) 1,4-Dioxane	7.089	88	130649	1185.604	ug/l #	58
51) 4-Methyl-2-Pentanone	7.803	43	4391447	712.029	ug/l	100
52) Toluene	7.973	92	1190382	125.785	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	850327	137.690	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	868762	132.900	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	548220	137.858	ug/l	99
56) Ethyl methacrylate	8.340	69	900935	144.399	ug/l	100
57) 1,3-Dichloropropane	8.578	76	894001	126.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	441355	141.165	ug/l	100
59) 2-Hexanone	8.697	43	3762470	768.952	ug/l	100
60) Dibromochloromethane	8.816	129	687737	163.600	ug/l	100
61) 1,2-Dibromoethane	8.928	107	651280	151.807	ug/l	99
64) Tetrachloroethene	8.555	164	468200	146.979	ug/l	98
65) Chlorobenzene	9.449	112	1554653	144.853	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	595675	155.138	ug/l	99
67) Ethyl Benzene	9.571	91	2606692	138.387	ug/l	100
68) m/p-Xylenes	9.697	106	2098673	291.958	ug/l	100
69) o-Xylene	10.102	106	1051296	150.097	ug/l	100
70) Styrene	10.118	104	1806414	152.912	ug/l	100
71) Bromoform	10.295	173	640560	191.938	ug/l #	99
73) Isopropylbenzene	10.488	105	2757310	133.514	ug/l	99
74) N-amyl acetate	10.324	43	1149395	125.564	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	1115217	134.645	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	1315670	136.264	ug/l	98
77) Bromobenzene	10.783	156	770607	149.854	ug/l	99
78) n-propylbenzene	10.909	91	3301803	129.450	ug/l	99
79) 2-Chlorotoluene	10.989	91	1929137	127.789	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	2396990	133.735	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	407646	150.285	ug/l	95
82) 4-Chlorotoluene	11.099	91	2290127	129.297	ug/l	100
83) tert-Butylbenzene	11.423	119	2483700	145.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	2360409	133.943	ug/l	100
85) sec-Butylbenzene	11.645	105	3080039	136.726	ug/l	100
86) p-Isopropyltoluene	11.796	119	2639864	139.694	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	1496469	145.076	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	1505723	144.479	ug/l	100
89) n-Butylbenzene	12.211	91	2432104	134.200	ug/l	99
90) Hexachloroethane	12.478	117	512009	147.745	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	1467877	146.683	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	291360	149.273	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	1105875	157.396	ug/l	100
94) Hexachlorobutadiene	14.021	225	535178	170.650	ug/l	100
95) Naphthalene	14.086	128	3400853	145.282	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	1070785	153.360	ug/l	99

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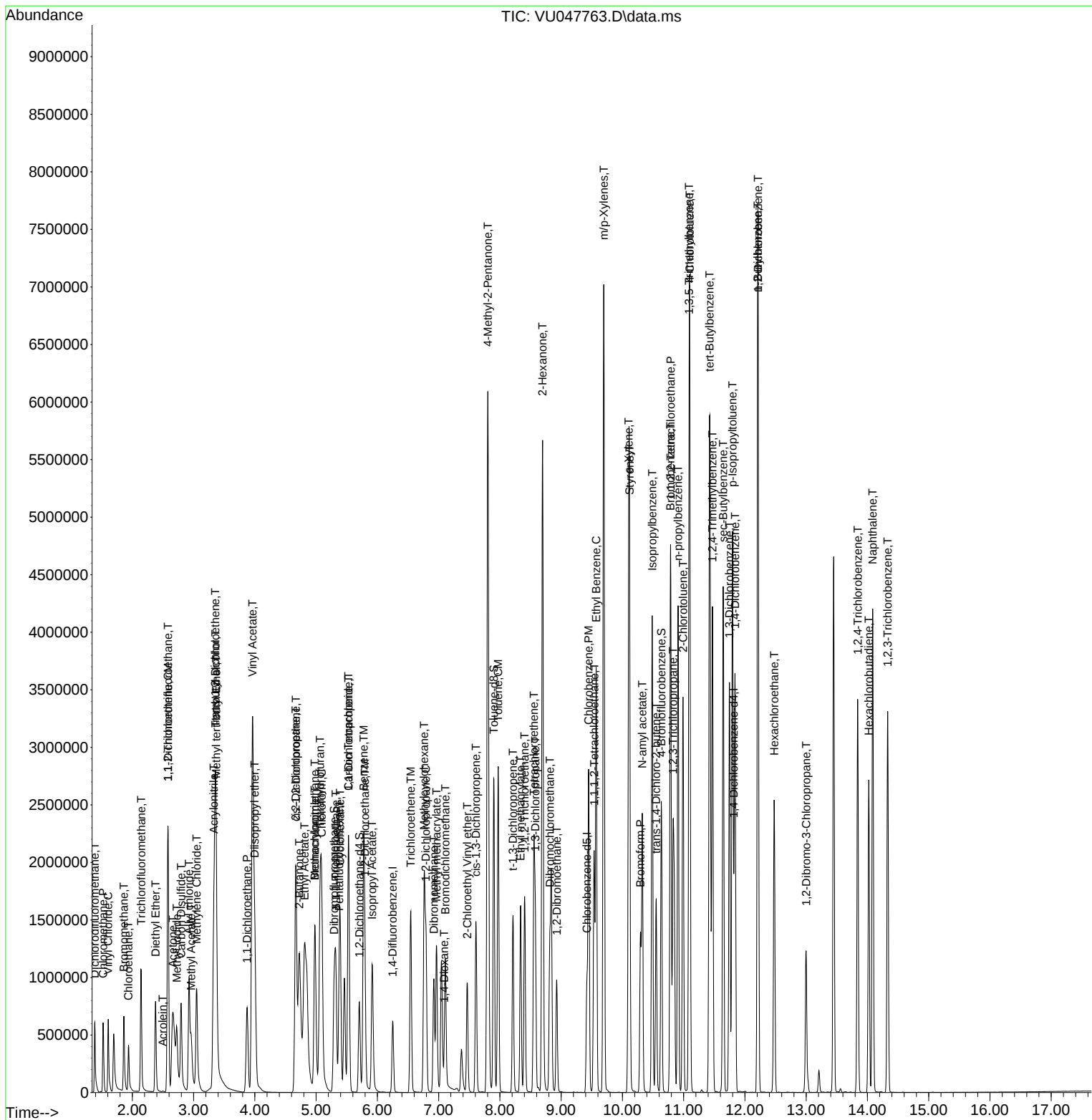
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MSVOA_U
ClientSampleId :
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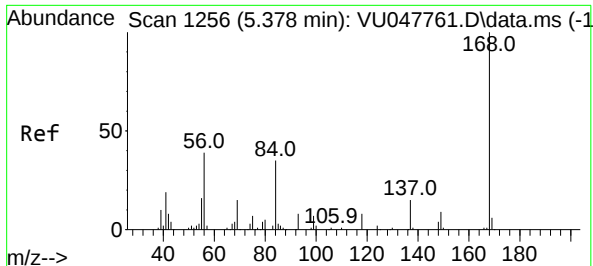
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Quant Title : SW846 8260
QLast Update : Thu Mar 31 02:19:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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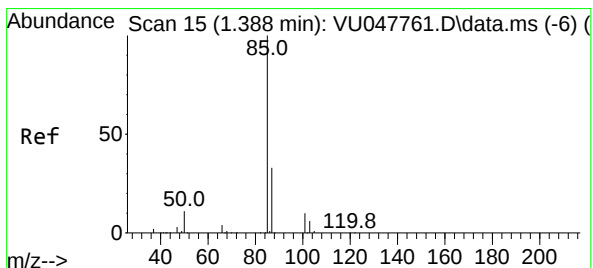
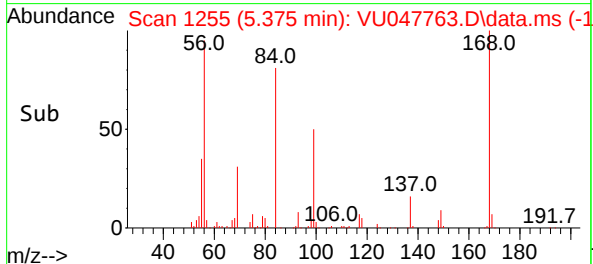
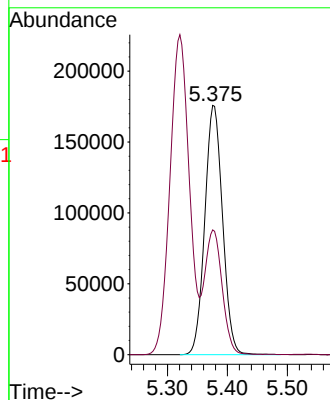
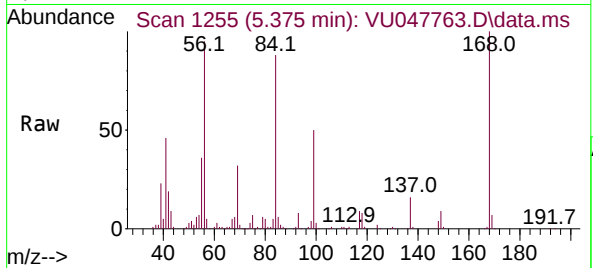




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.003 min
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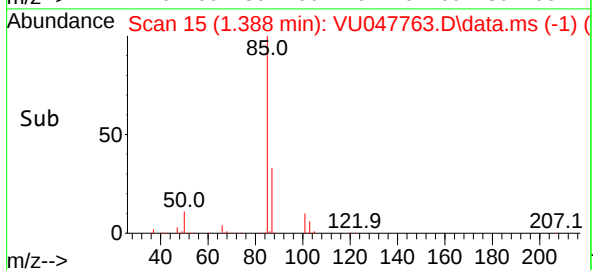
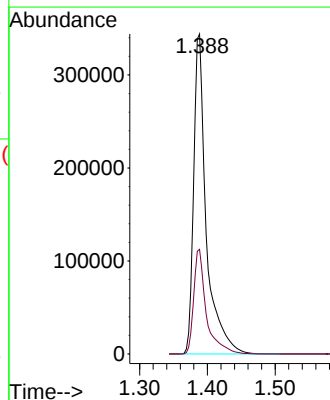
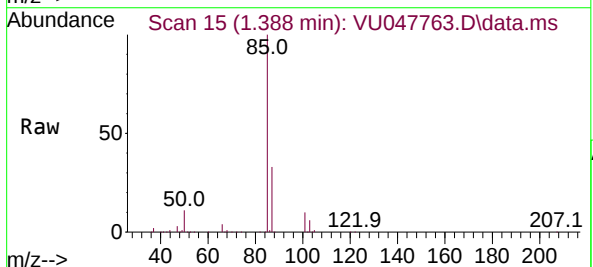
Instrument :
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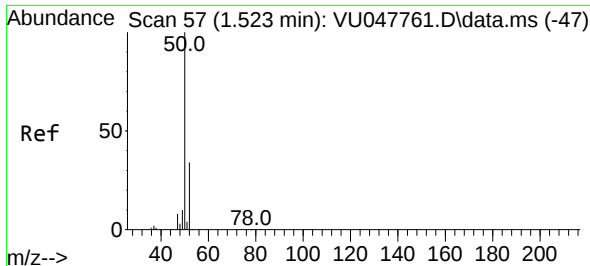
Tgt Ion:168 Resp: 362738
Ion Ratio Lower Upper
168 100
99 50.0 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 100.184 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 85 Resp: 444730
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2

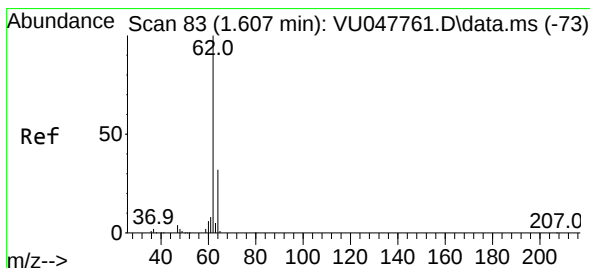
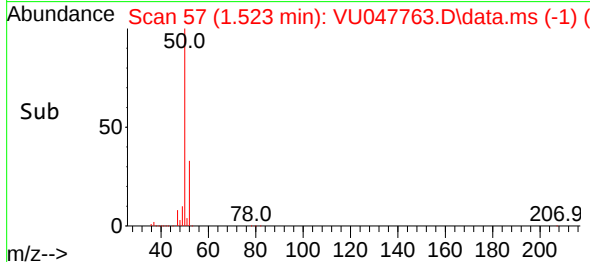
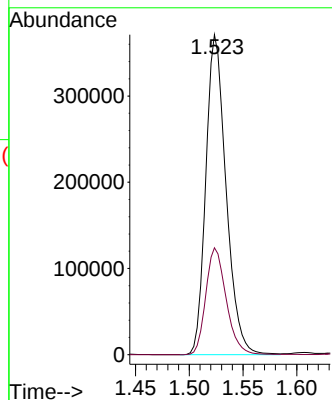
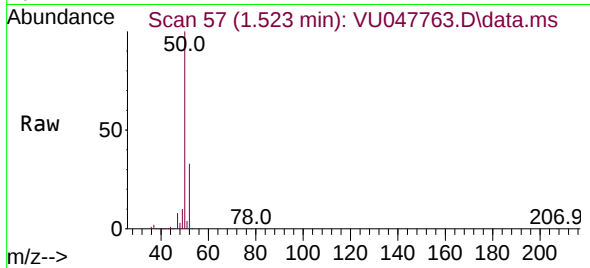




#3
Chloromethane
Concen: 95.064 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

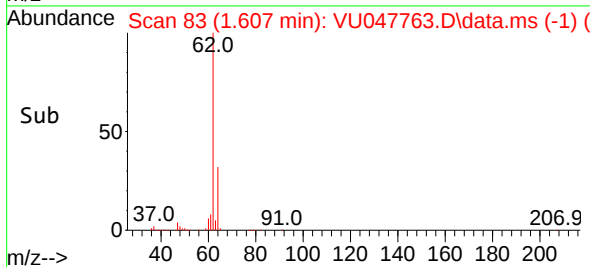
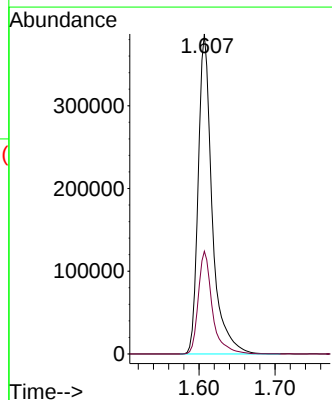
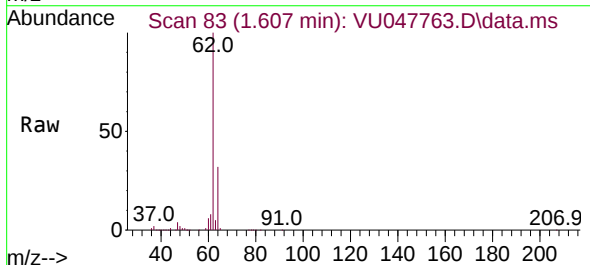
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ClientSampleId :
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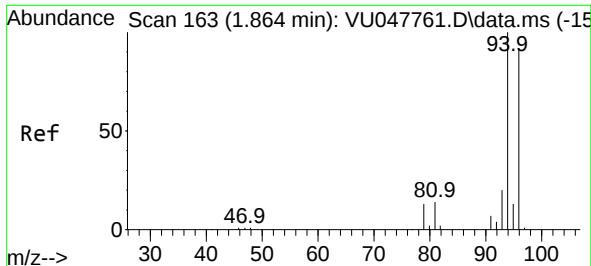
Tgt Ion: 50 Resp: 486967
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.2



#4
Vinyl Chloride
Concen: 99.243 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 62 Resp: 490810
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9

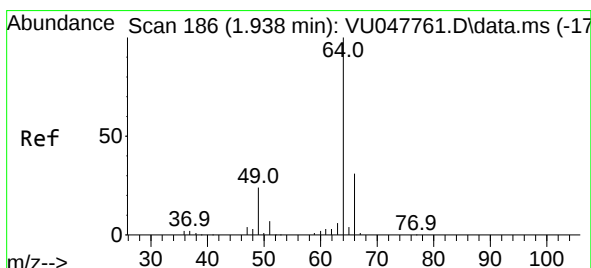
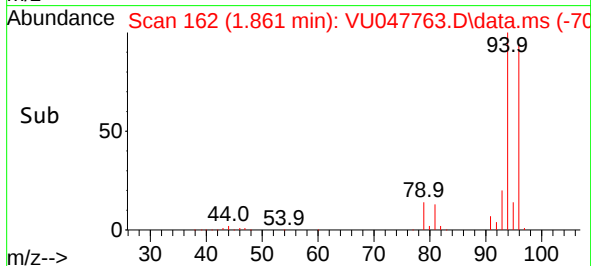
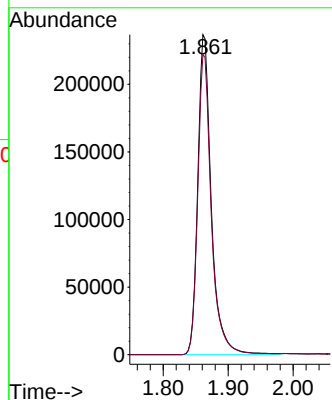
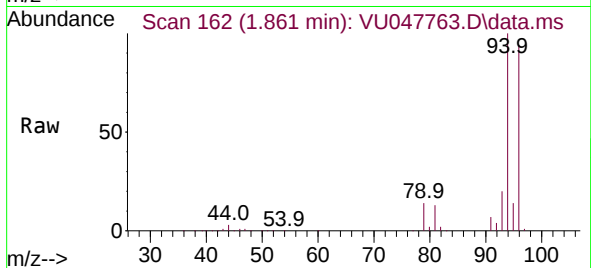




#5
Bromomethane
Concen: 124.555 ug/l
RT: 1.861 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

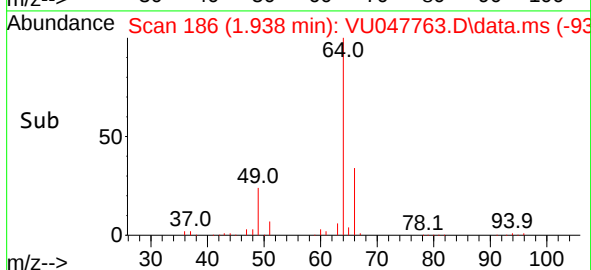
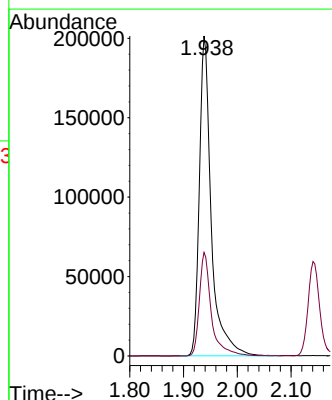
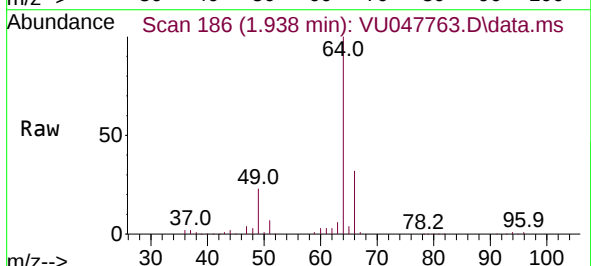
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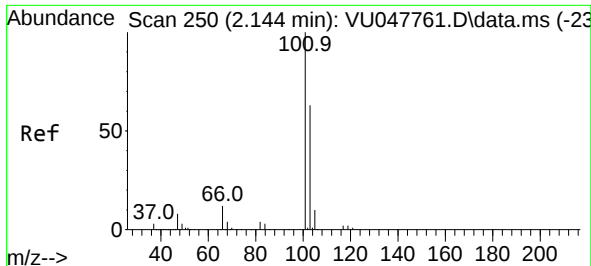
Tgt Ion: 94 Resp: 345524
Ion Ratio Lower Upper
94 100
96 93.9 73.7 110.5



#6
Chloroethane
Concen: 95.099 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 64 Resp: 308950
Ion Ratio Lower Upper
64 100
66 32.4 24.7 37.1

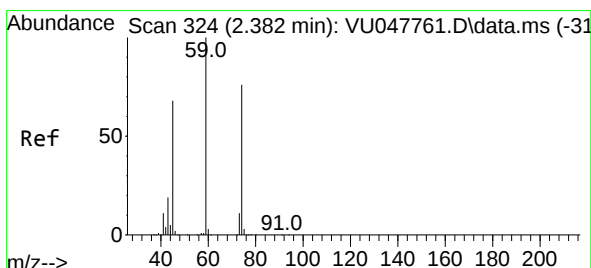
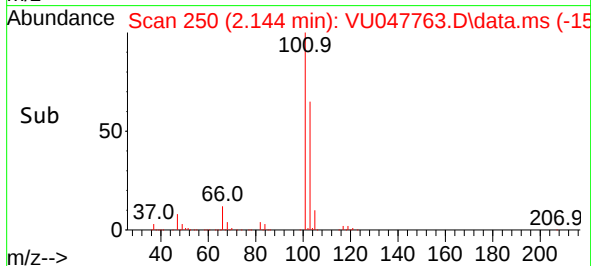
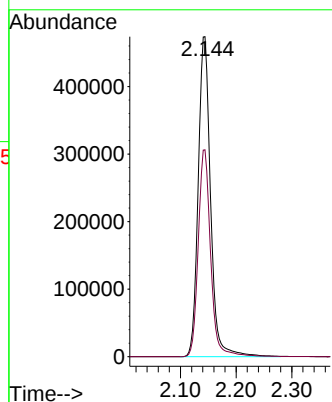
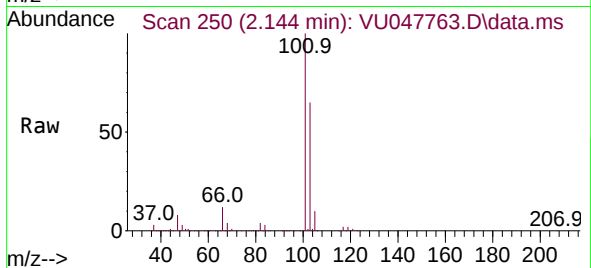




#7
 Trichlorofluoromethane
 Concen: 110.407 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047763.D
 Acq: 30 Mar 2022 15:36

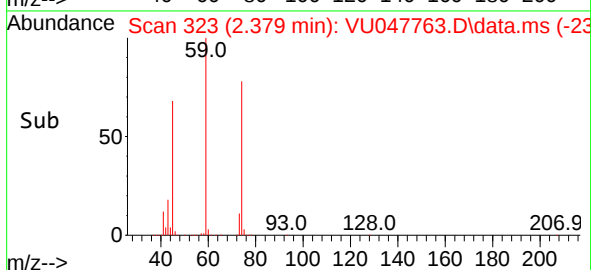
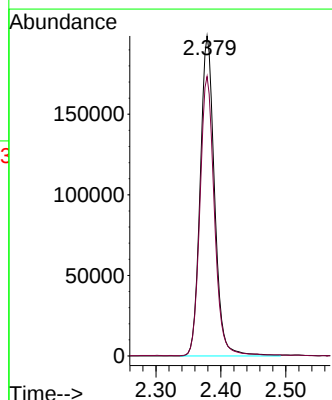
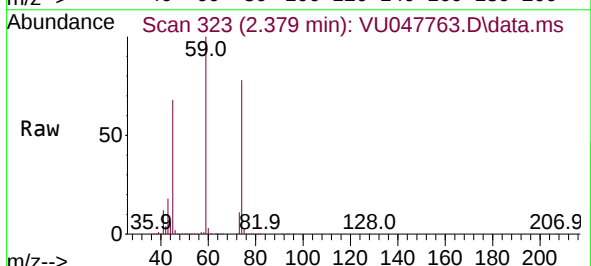
Instrument :
 MSVOA_U
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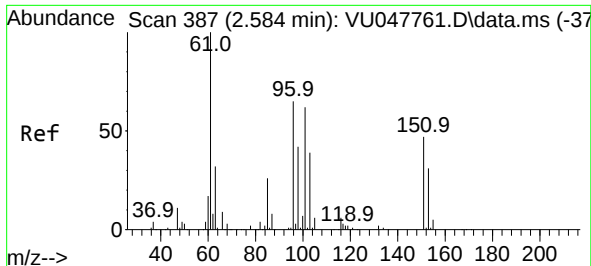
Tgt Ion:101 Resp: 733338
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.6 75.8



#8
 Diethyl Ether
 Concen: 115.794 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.003 min
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Tgt Ion: 74 Resp: 305644
 Ion Ratio Lower Upper
 74 100
 45 87.8 44.4 133.2

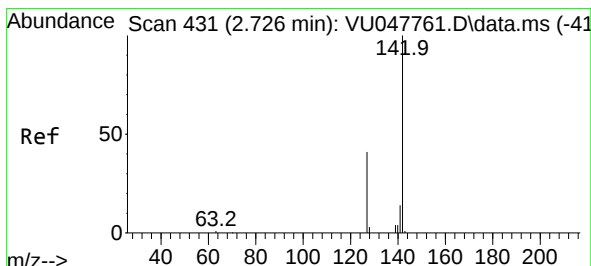
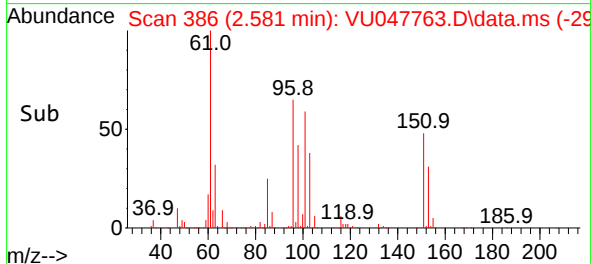
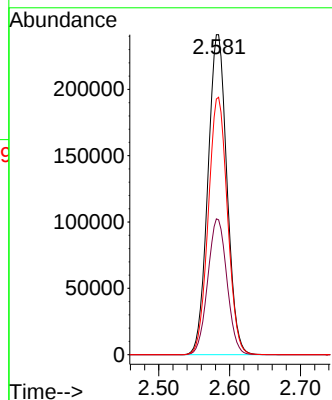
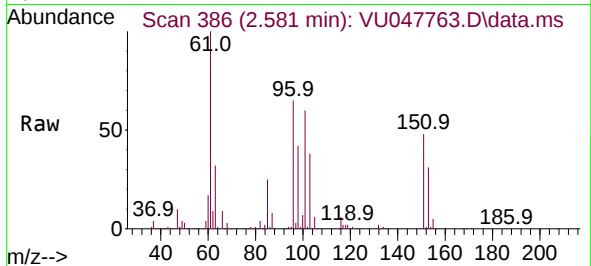




#9
1,1,2-Trichlorotrifluoroethane
Concen: 114.732 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

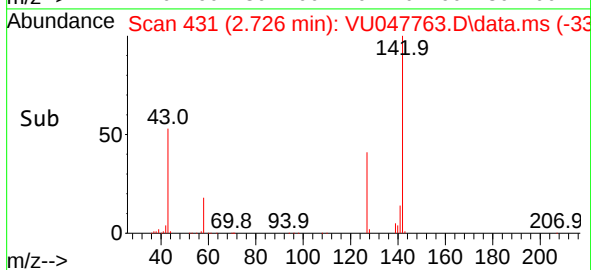
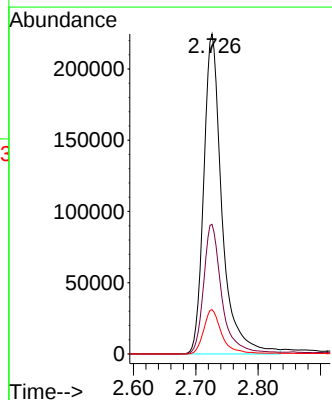
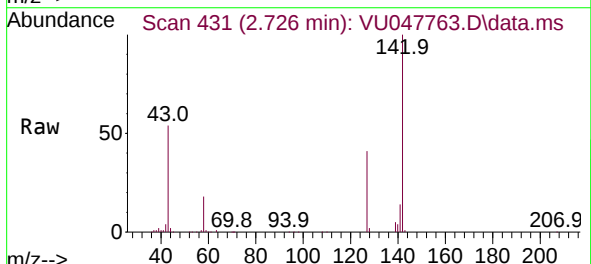
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

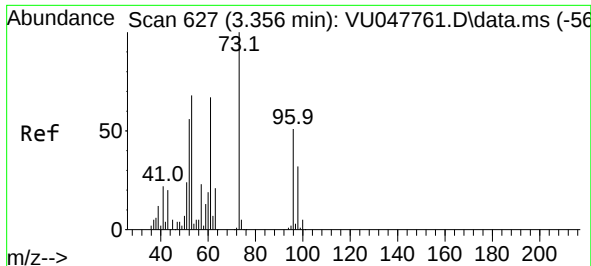
Tgt Ion:101 Resp: 450054
Ion Ratio Lower Upper
101 100
85 42.7 33.9 50.9
151 80.8 64.0 96.0



#10
Methyl Iodide
Concen: 97.606 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:142 Resp: 458592
Ion Ratio Lower Upper
142 100
127 40.8 32.5 48.7
141 13.7 11.4 17.0

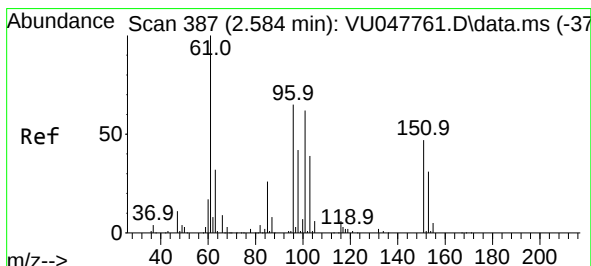
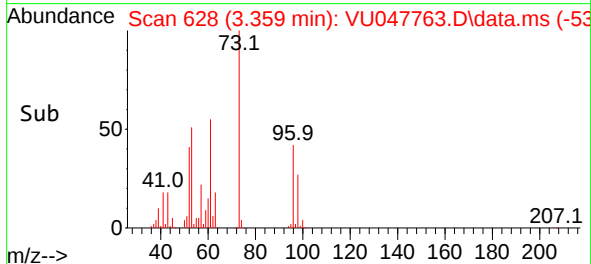
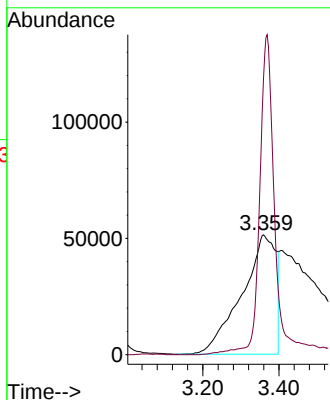
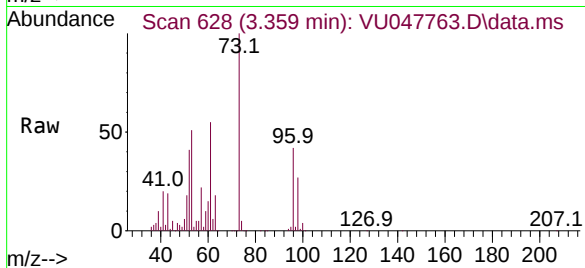




#11
Tert butyl alcohol
Concen: 293.206 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

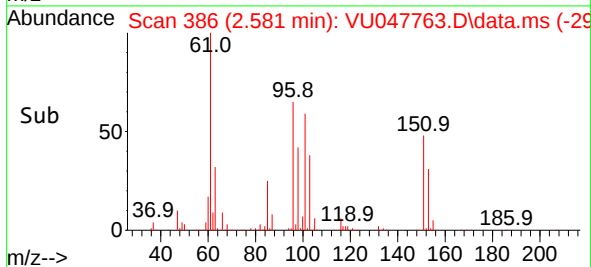
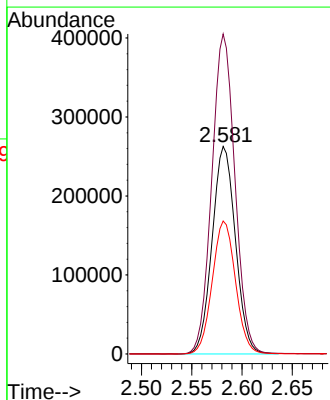
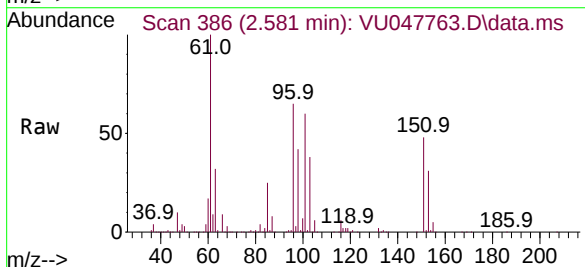
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

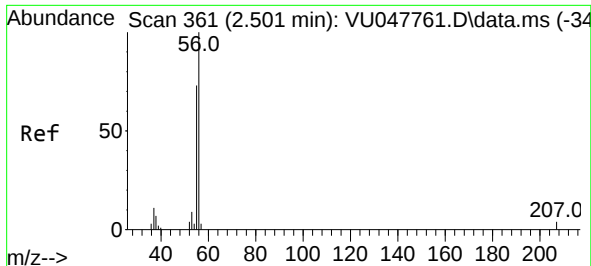
Tgt Ion: 59 Resp: 319737
Ion Ratio Lower Upper
59 100
57 103.1 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 110.135 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 96 Resp: 423698
Ion Ratio Lower Upper
96 100
61 154.3 122.2 183.2
98 64.1 50.7 76.1

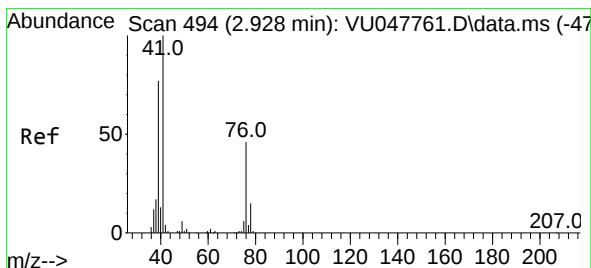
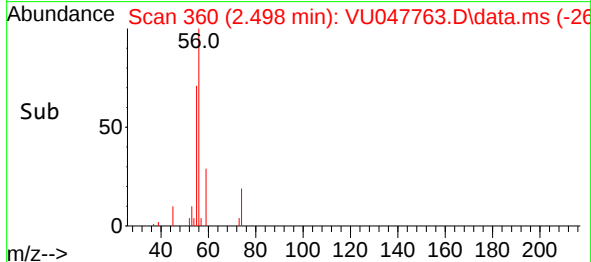
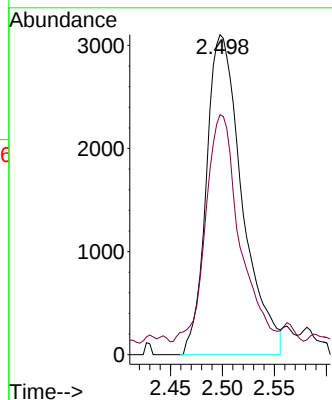
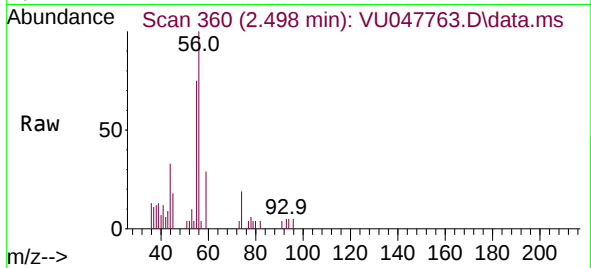




#13
Acrolein
Concen: 55.346 ug/l
RT: 2.498 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

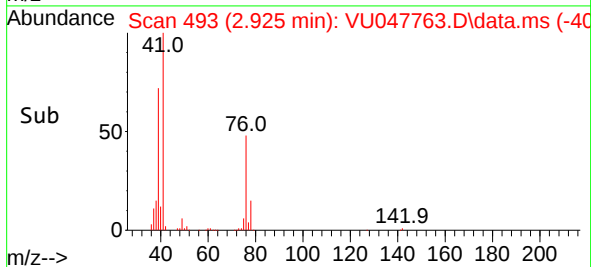
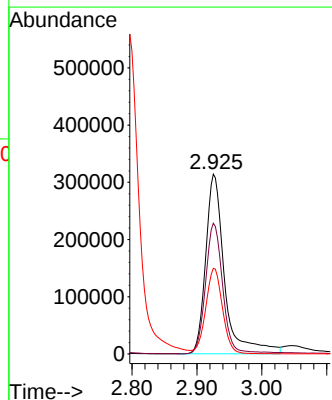
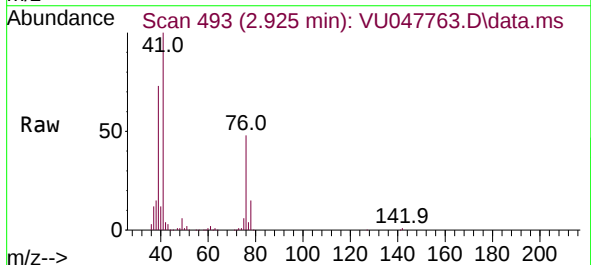
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

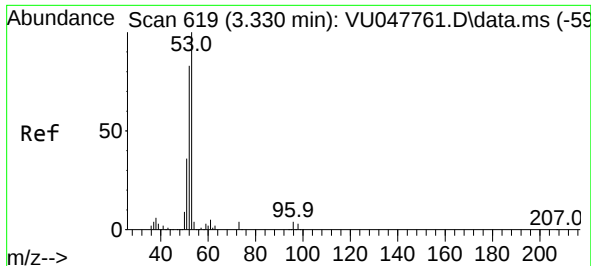
Tgt Ion: 56 Resp: 7447
Ion Ratio Lower Upper
56 100
55 66.1 56.6 85.0



#14
Allyl chloride
Concen: 96.019 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 41 Resp: 639760
Ion Ratio Lower Upper
41 100
39 65.1 53.4 80.2
76 42.1 33.8 50.6

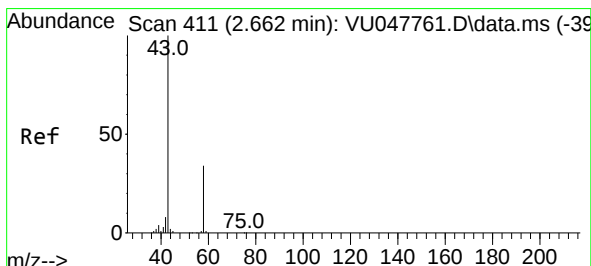
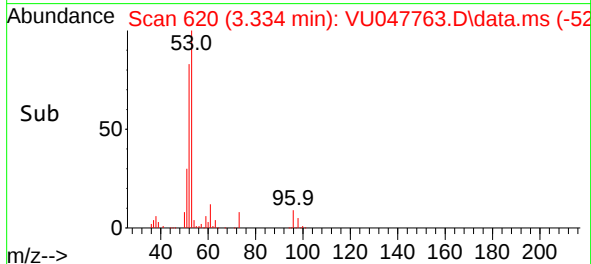
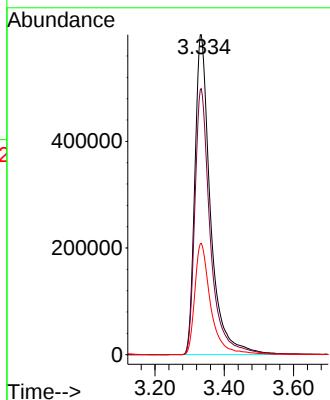
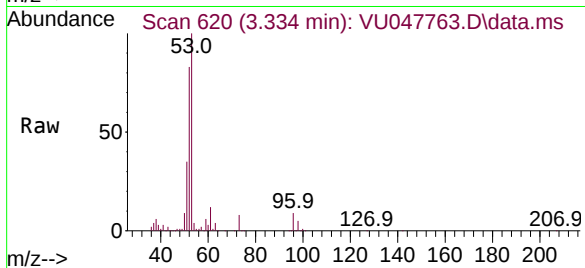




#15
Acrylonitrile
Concen: 664.104 ug/l
RT: 3.334 min Scan# 619
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

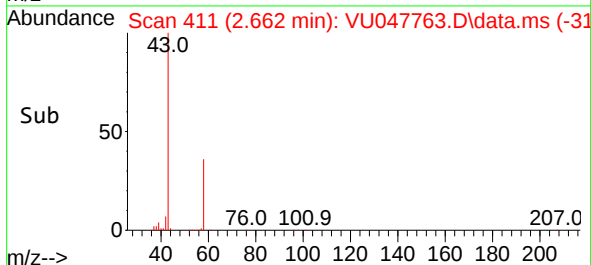
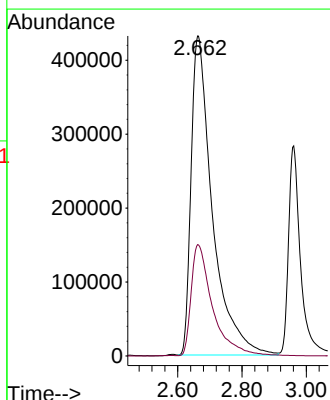
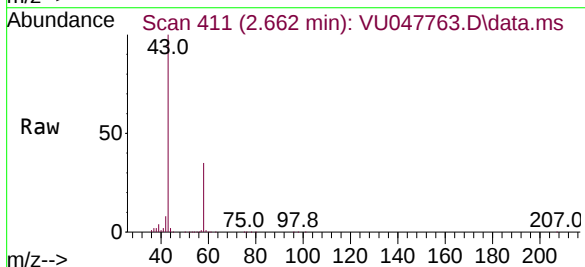
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

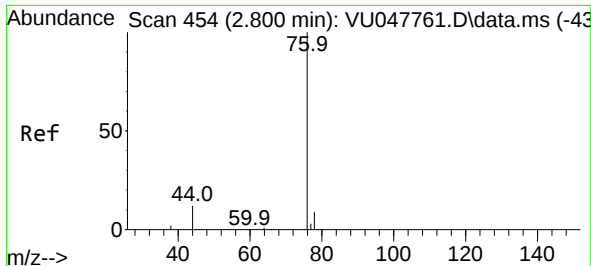
Tgt Ion: 53 Resp: 1884144
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.4 28.2 42.4



#16
Acetone
Concen: 713.016 ug/l
RT: 2.662 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 43 Resp: 1987199
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3

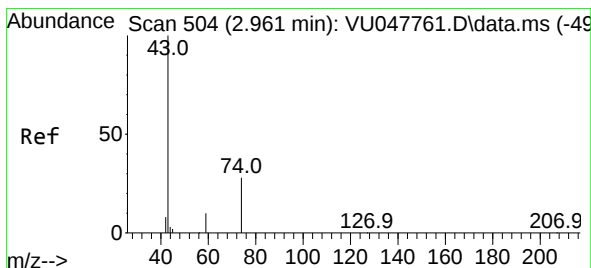
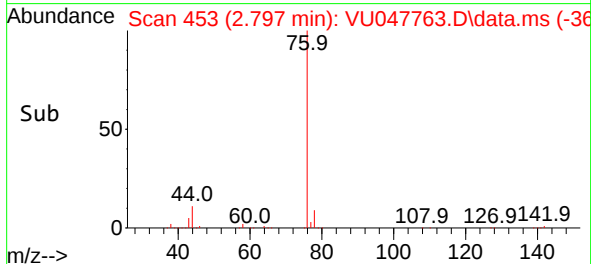
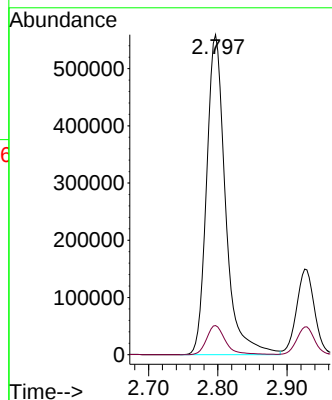
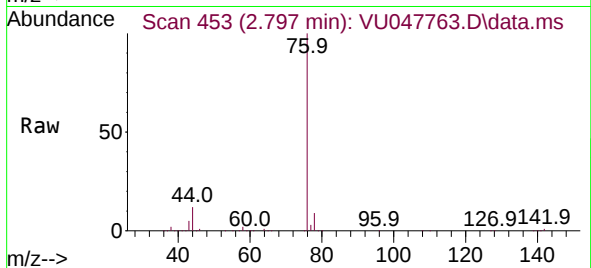




#17
Carbon Disulfide
Concen: 99.688 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

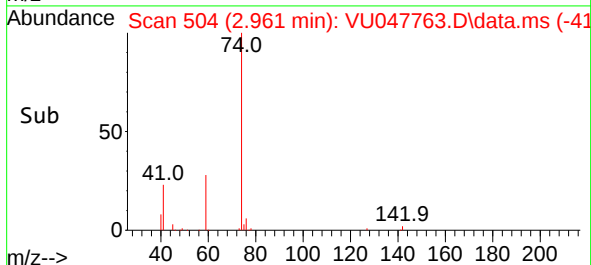
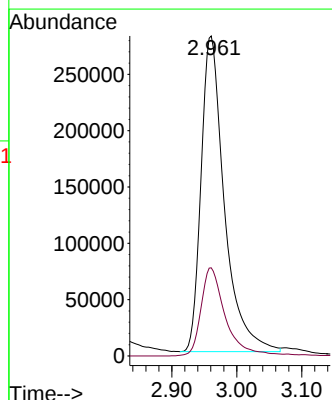
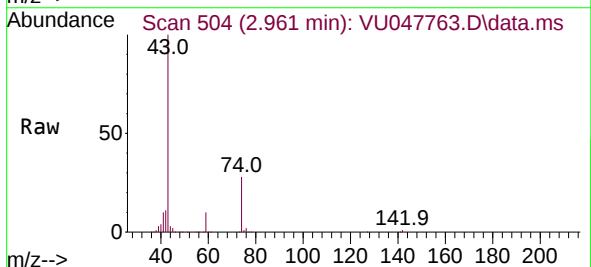
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

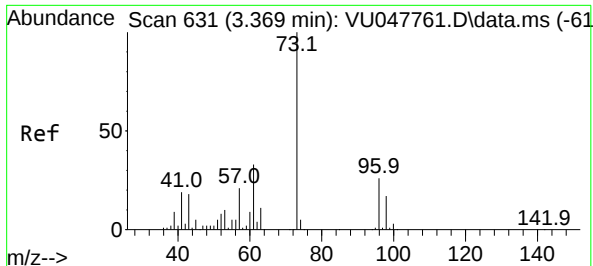
Tgt Ion: 76 Resp: 1059175
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 80.225 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 43 Resp: 700137
Ion Ratio Lower Upper
43 100
74 29.1 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 111.265 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

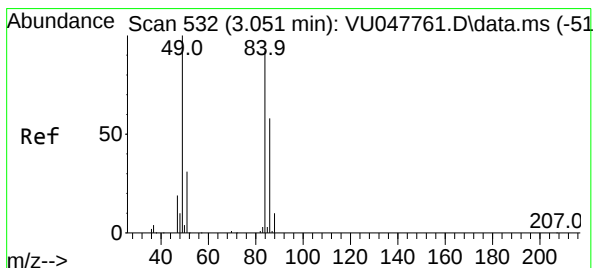
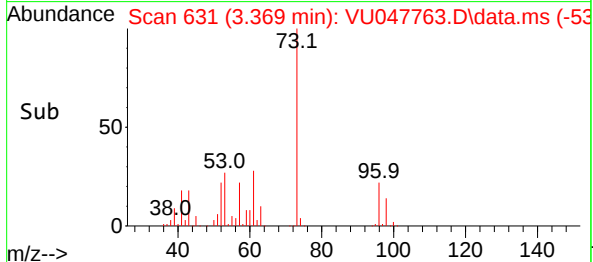
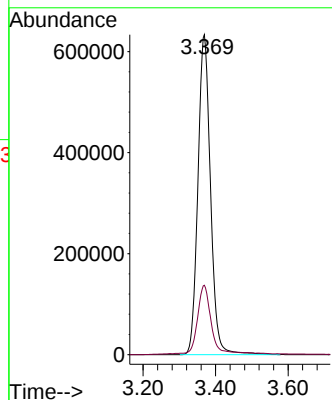
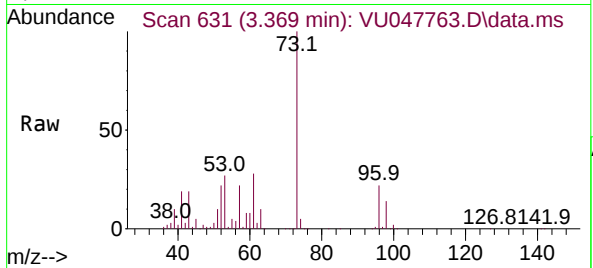
VSTDIC150

Tgt Ion: 73 Resp: 1526004

Ion Ratio Lower Upper

73 100

57 21.5 17.1 25.7



#20

Methylene Chloride

Concen: 109.179 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Tgt Ion: 84 Resp: 506998

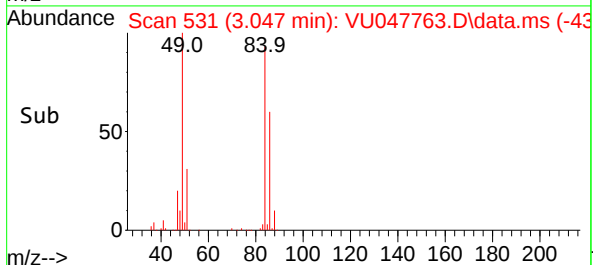
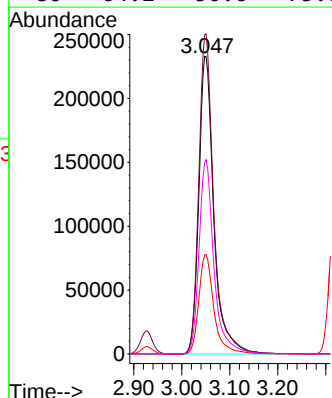
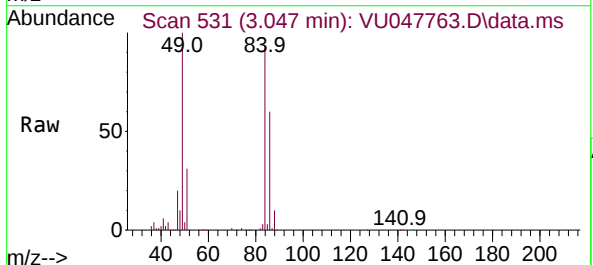
Ion Ratio Lower Upper

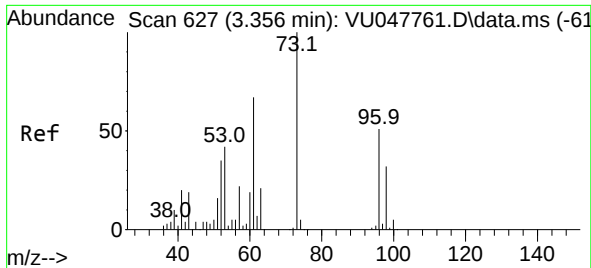
84 100

49 107.3 86.6 129.8

51 33.2 26.6 40.0

86 64.2 50.6 75.8

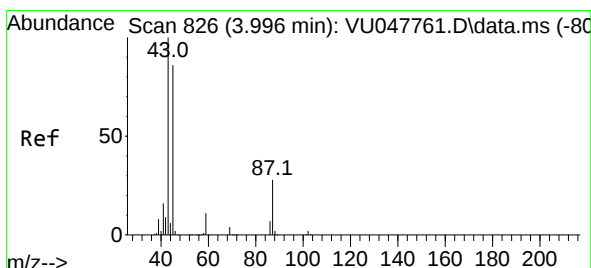
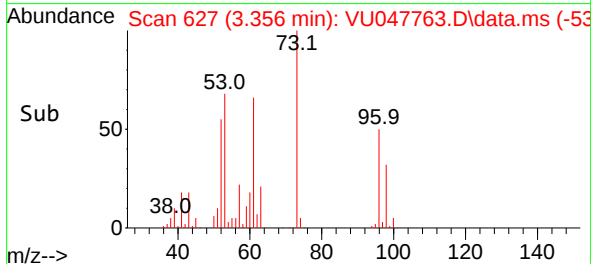
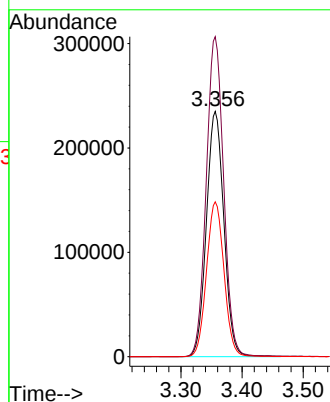
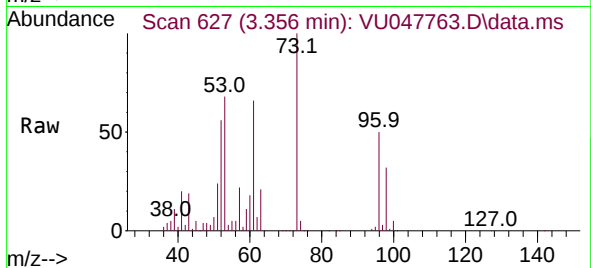




#21
trans-1,2-Dichloroethene
Concen: 116.819 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

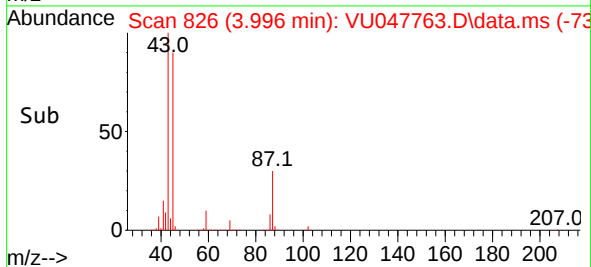
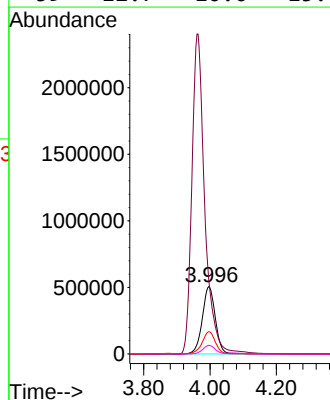
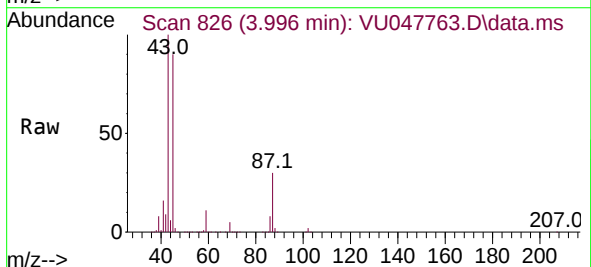
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

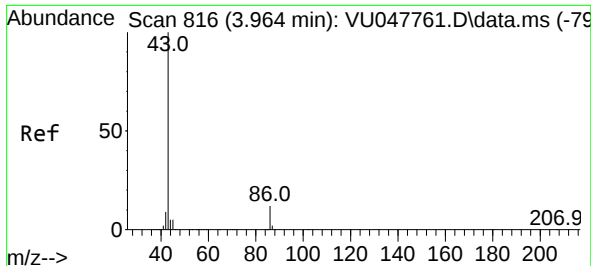
Tgt Ion: 96 Resp: 466754
Ion Ratio Lower Upper
96 100
61 130.4 106.1 159.1
98 63.1 50.8 76.2



#22
Diisopropyl ether
Concen: 104.511 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 45 Resp: 1377793
Ion Ratio Lower Upper
45 100
43 111.0 92.9 139.3
87 33.1 26.2 39.2
59 12.7 10.0 15.0

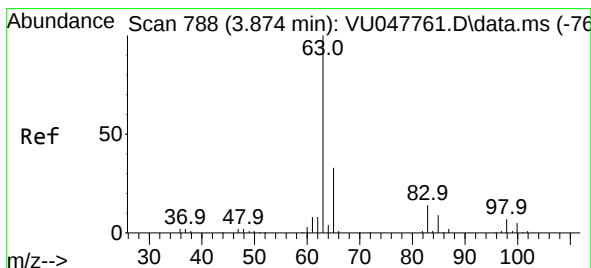
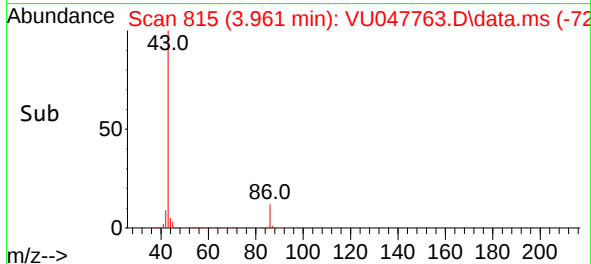
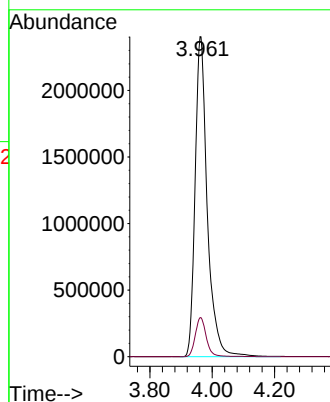
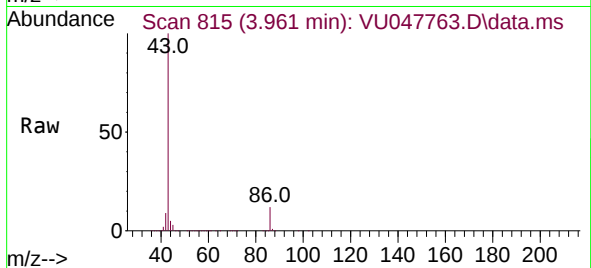




#23
 Vinyl Acetate
 Concen: 628.997 ug/l
 RT: 3.961 min Scan# 816
 Delta R.T. -0.003 min
 Lab File: VU047763.D
 Acq: 30 Mar 2022 15:36

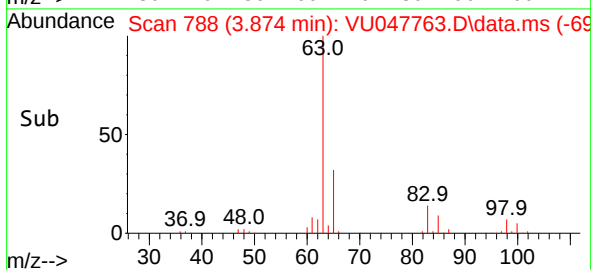
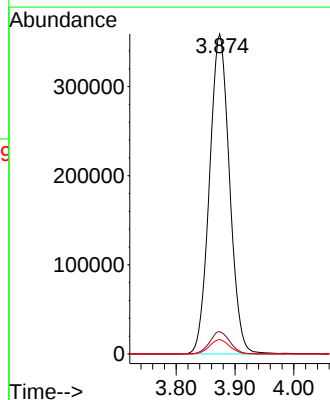
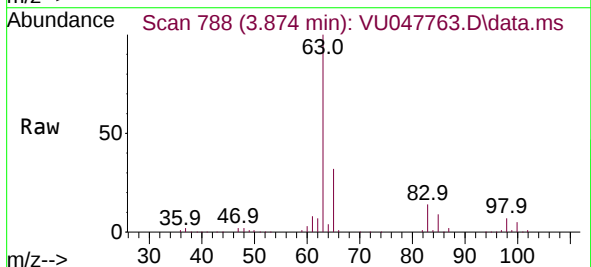
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

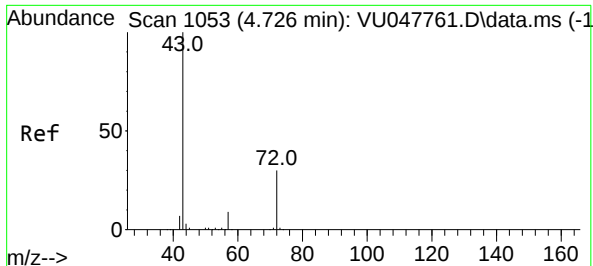
Tgt Ion: 43 Resp: 6499193
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 107.600 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU047763.D
 Acq: 30 Mar 2022 15:36

Tgt Ion: 63 Resp: 850123
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 658.576 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

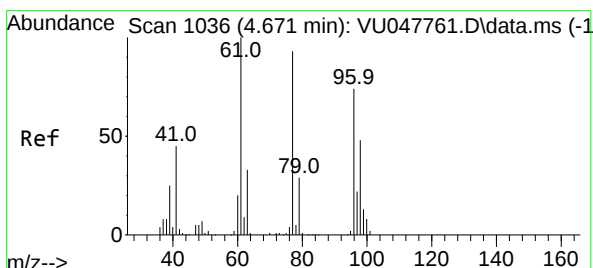
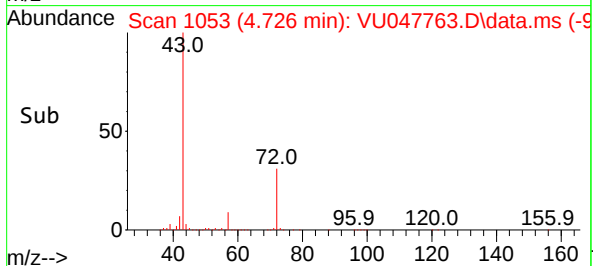
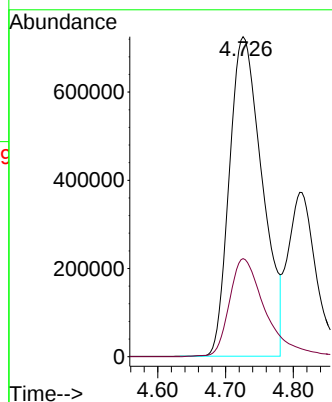
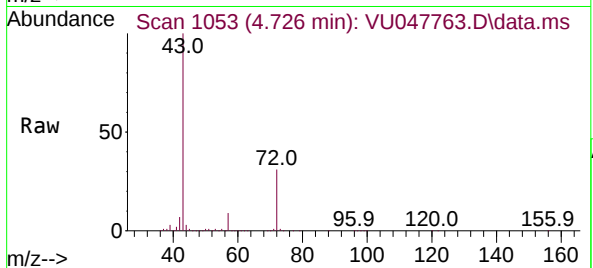
VSTDIC150

Tgt Ion: 43 Resp: 2442496

Ion Ratio Lower Upper

43 100

72 30.7 23.8 35.6



#26

2,2-Dichloropropane

Concen: 117.883 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047763.D

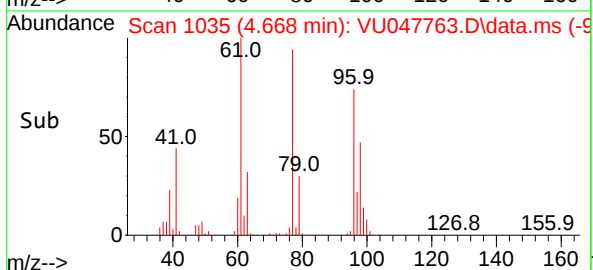
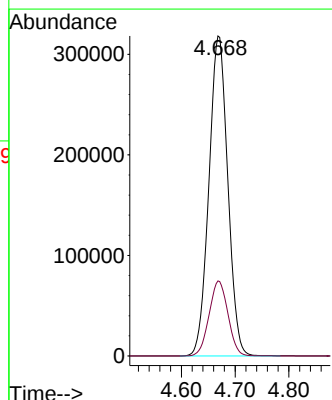
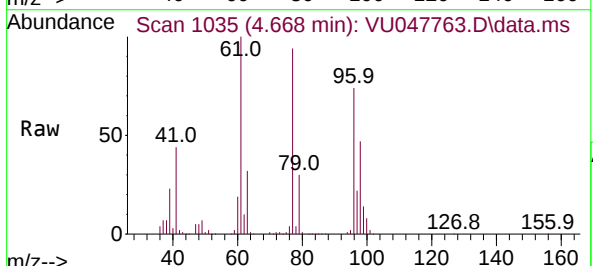
Acq: 30 Mar 2022 15:36

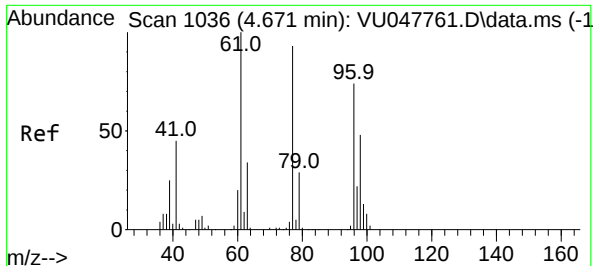
Tgt Ion: 77 Resp: 775710

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 120.598 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

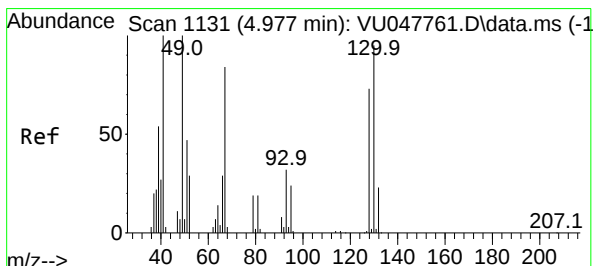
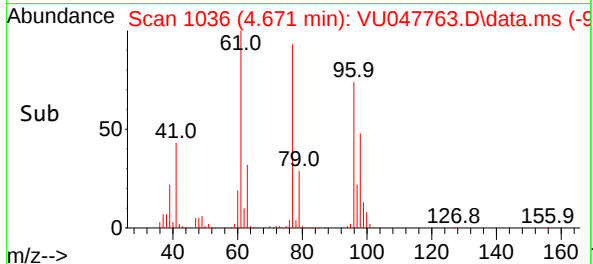
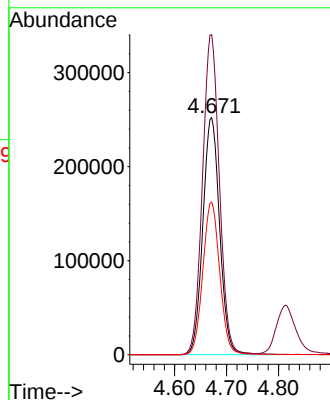
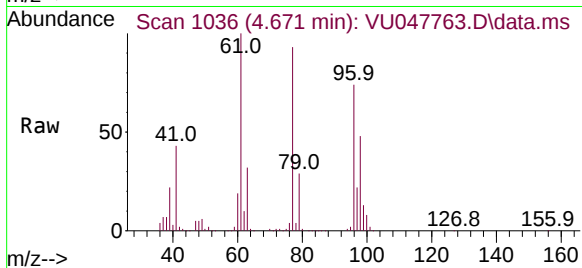
Tgt Ion: 96 Resp: 567165

Ion Ratio Lower Upper

96 100

61 135.9 0.0 271.6

98 64.8 0.0 128.2



#28

Bromochloromethane

Concen: 92.996 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

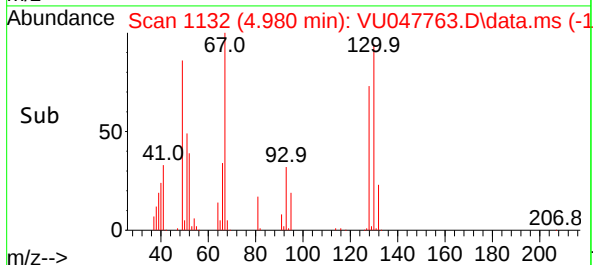
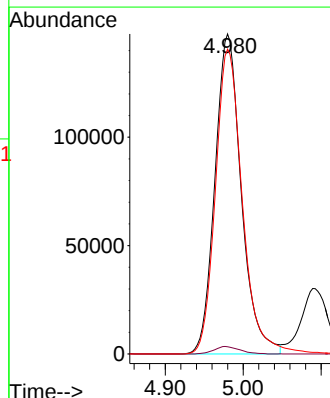
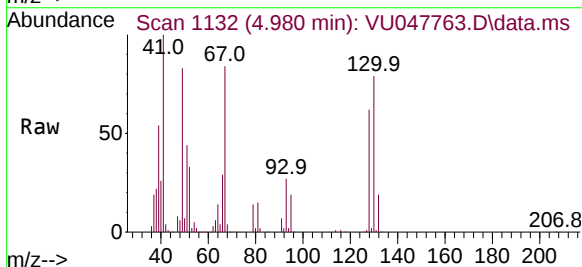
Tgt Ion: 49 Resp: 347193

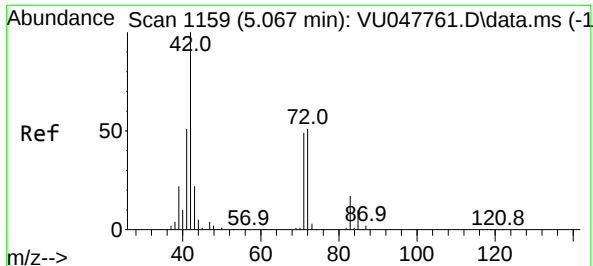
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 97.6 76.9 115.3





#29

Tetrahydrofuran

Concen: 678.847 ug/l

RT: 5.067 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

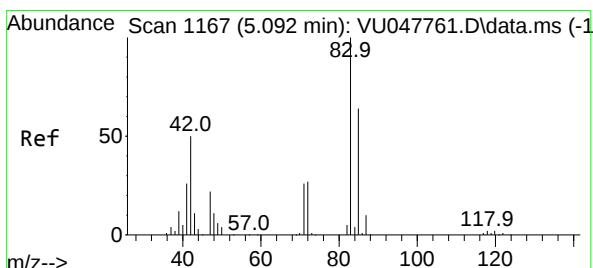
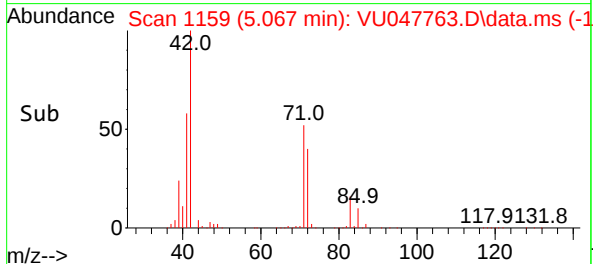
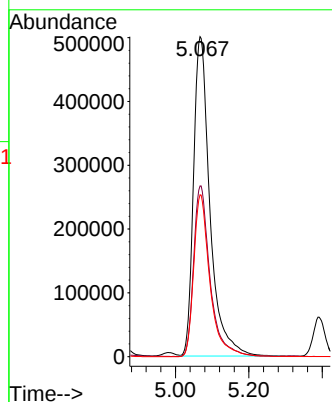
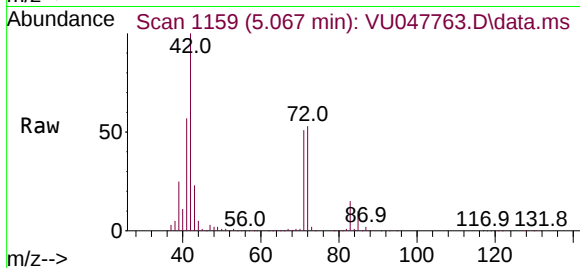
Tgt Ion: 42 Resp: 1556408

Ion Ratio Lower Upper

42 100

72 53.5 42.6 63.8

71 50.2 40.3 60.5



#30

Chloroform

Concen: 114.425 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047763.D

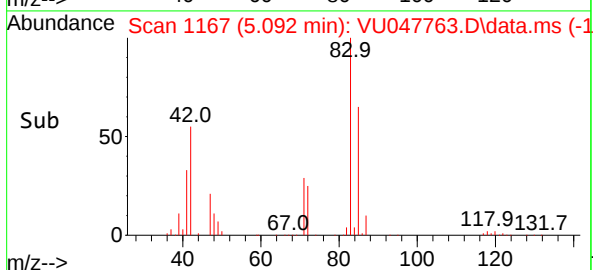
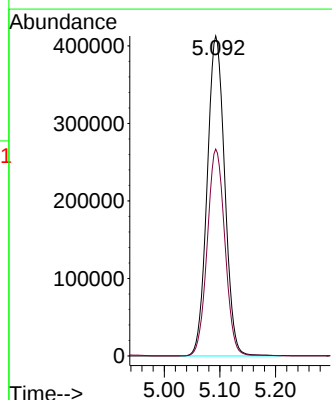
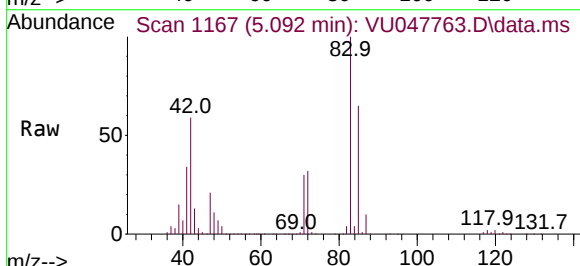
Acq: 30 Mar 2022 15:36

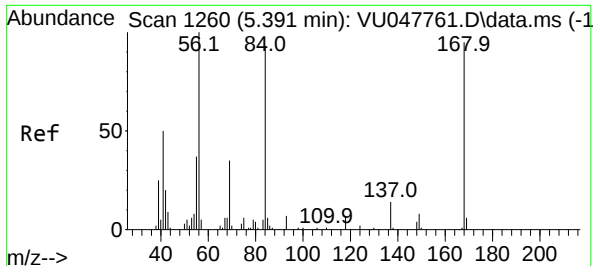
Tgt Ion: 83 Resp: 903681

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

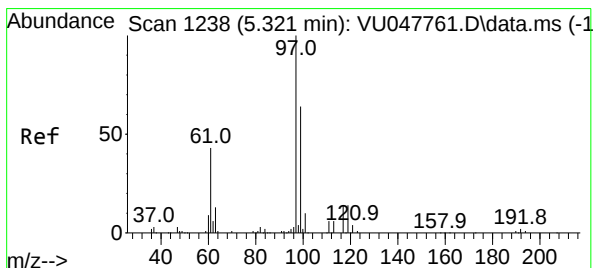
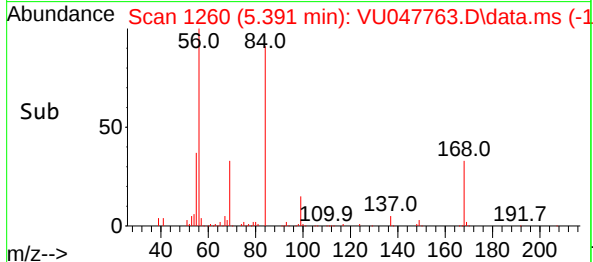
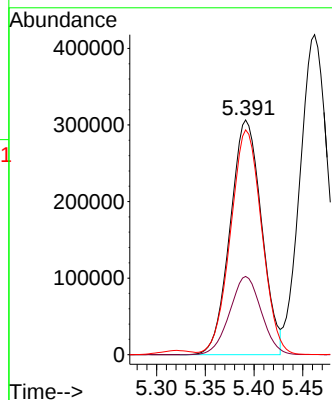
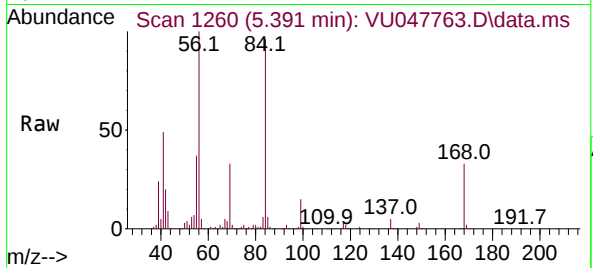




#31
Cyclohexane
Concen: 93.987 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

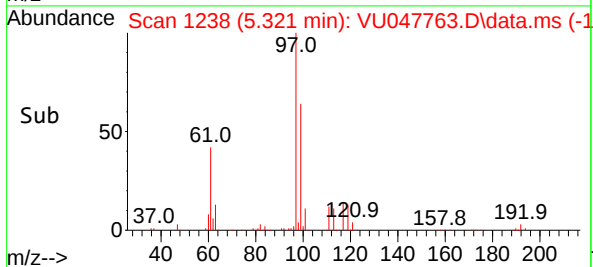
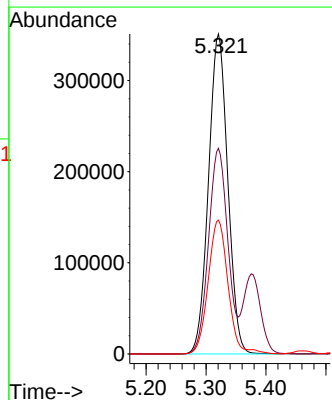
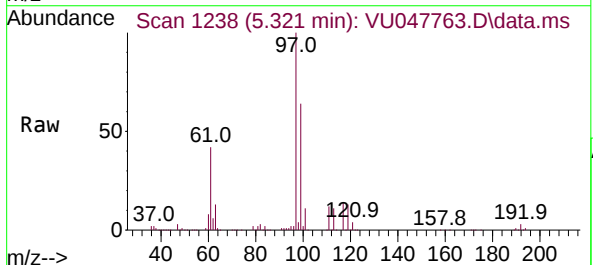
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

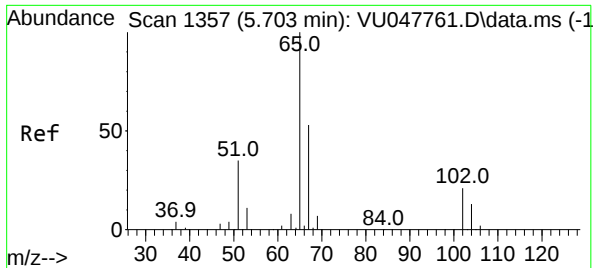
Tgt Ion: 56 Resp: 686824
Ion Ratio Lower Upper
56 100
69 33.3 27.8 41.8
84 94.0 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 116.951 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 97 Resp: 783625
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 113.105 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

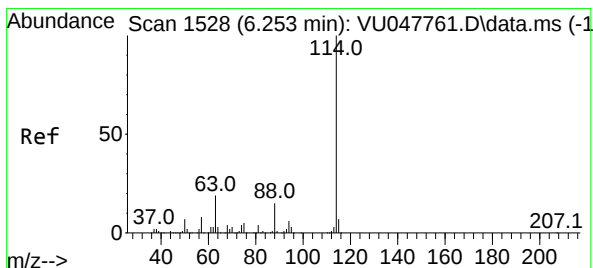
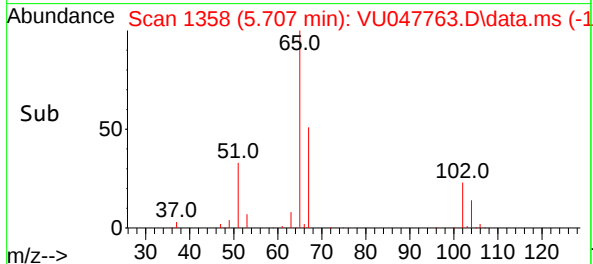
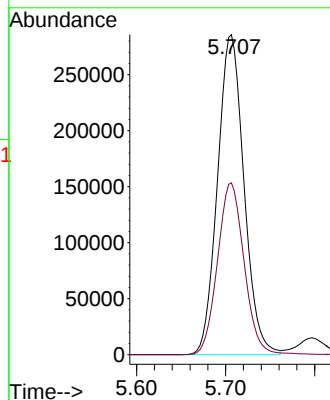
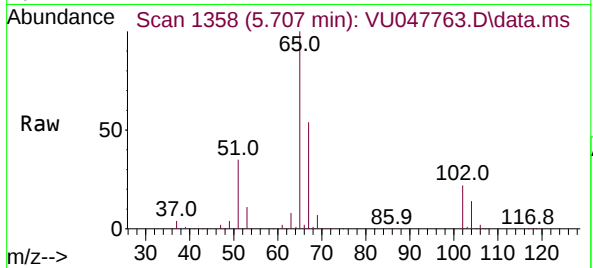
VSTDIC150

Tgt Ion: 65 Resp: 589903

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

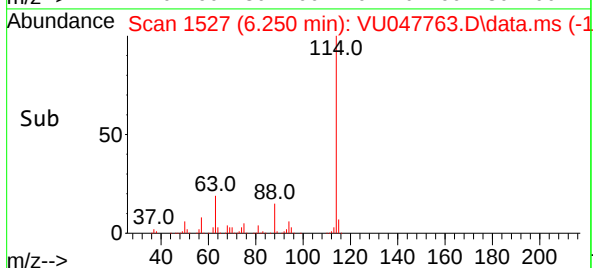
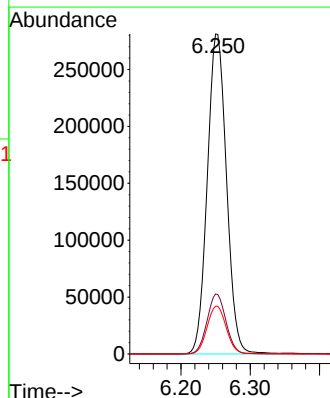
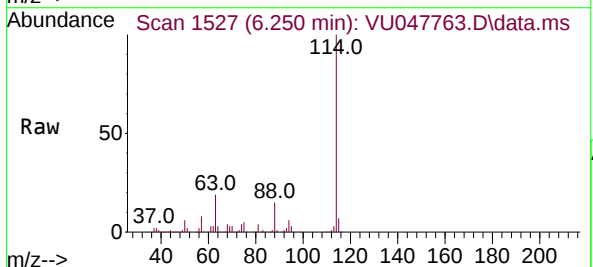
Tgt Ion: 114 Resp: 539902

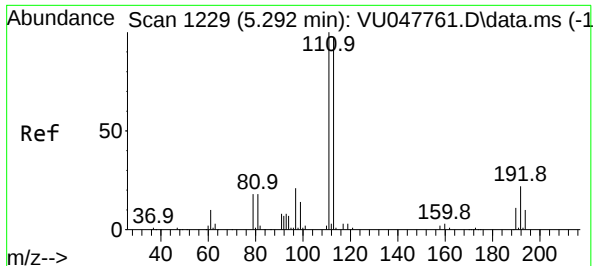
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 14.9 0.0 29.2

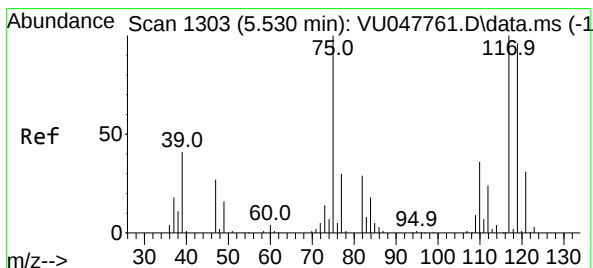
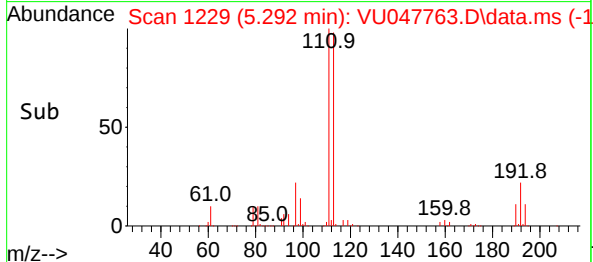
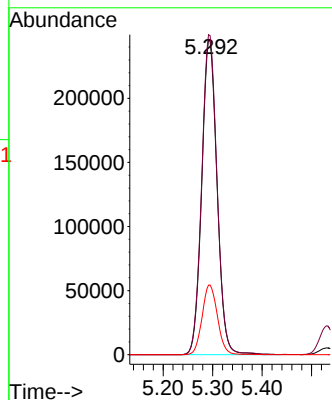
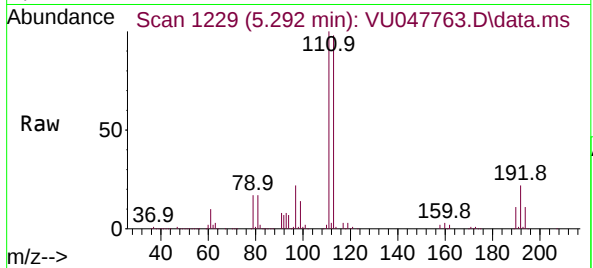




#35
Dibromofluoromethane
Concen: 144.618 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

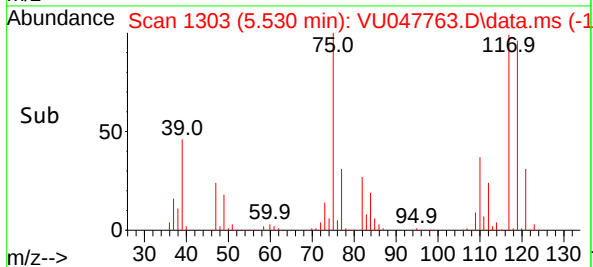
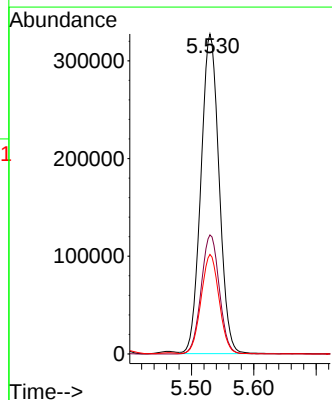
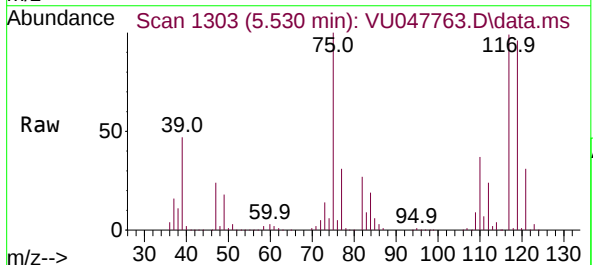
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

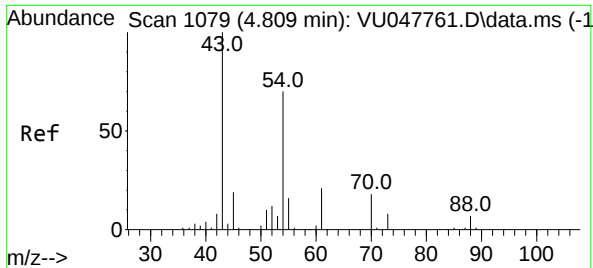
Tgt Ion:113 Resp: 526660
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 22.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 129.593 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 75 Resp: 663116
Ion Ratio Lower Upper
75 100
110 37.2 18.4 55.2
77 30.8 25.1 37.7

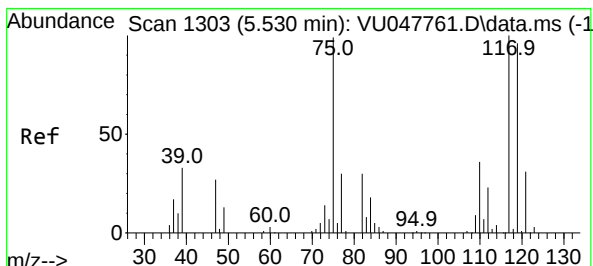
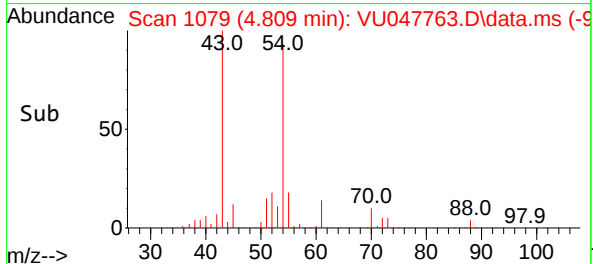
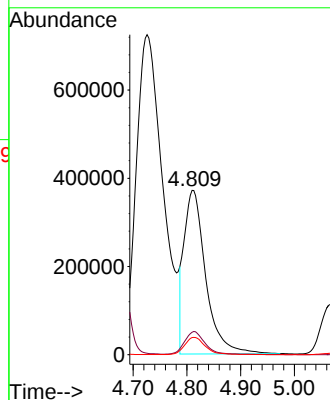
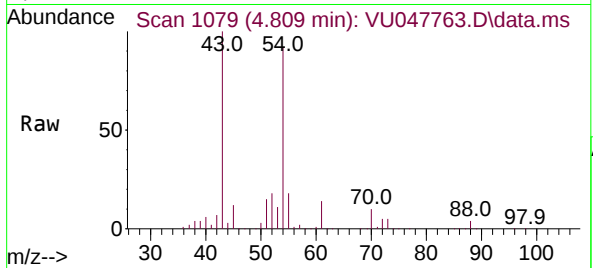




#37
Ethyl Acetate
Concen: 165.638 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

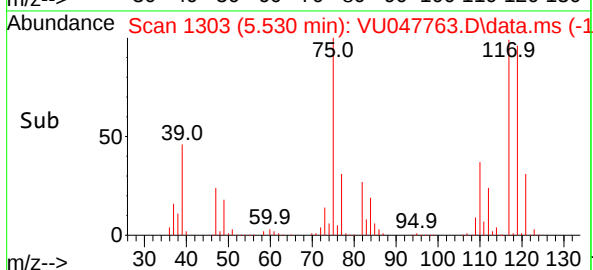
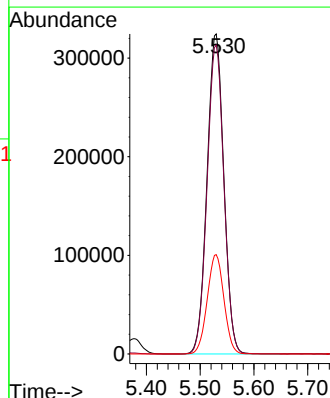
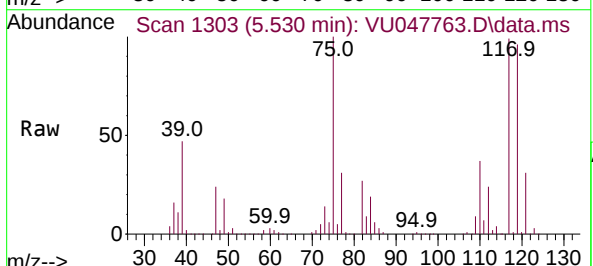
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

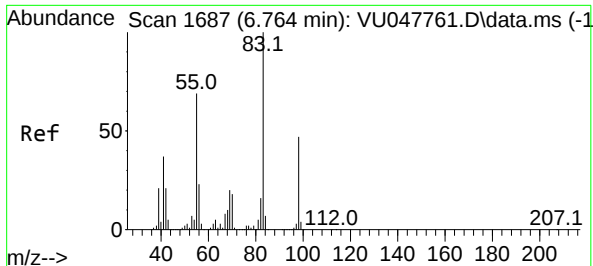
Tgt Ion: 43 Resp: 1035470
Ion Ratio Lower Upper
43 100
61 13.5 9.5 14.3
70 10.2 7.5 11.3



#38
Carbon Tetrachloride
Concen: 134.622 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 117 Resp: 704729
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
121 31.1 24.7 37.1





#39

Methylcyclohexane

Concen: 127.137 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

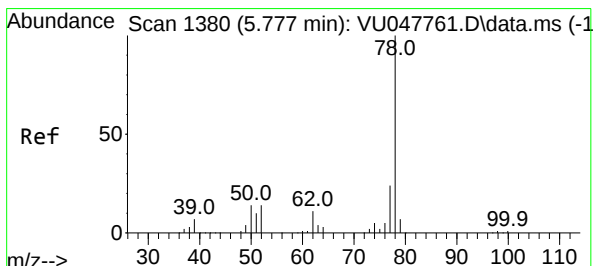
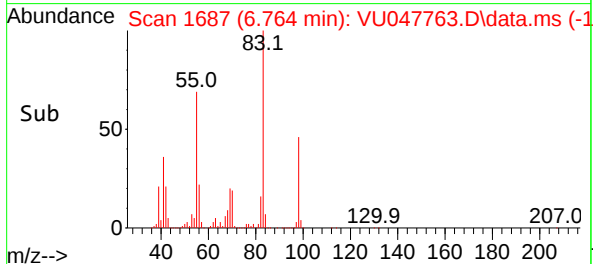
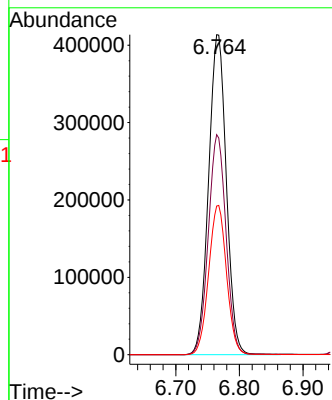
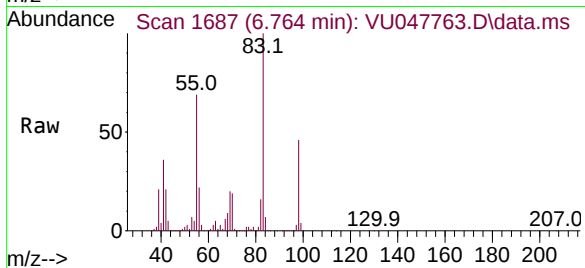
Tgt Ion: 83 Resp: 800640

Ion Ratio Lower Upper

83 100

55 68.8 55.3 82.9

98 46.4 37.3 55.9



#40

Benzene

Concen: 127.263 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047763.D

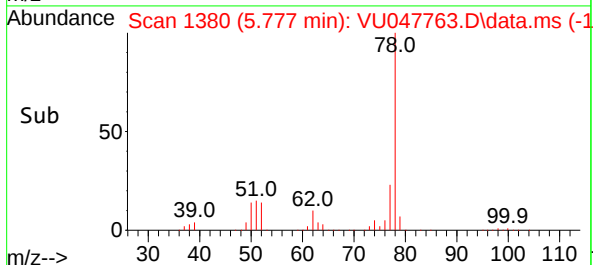
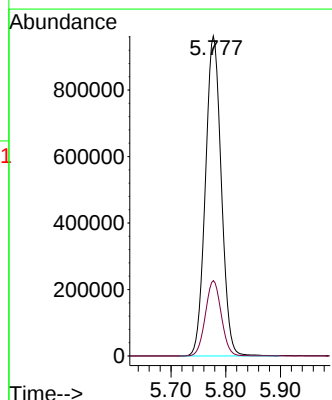
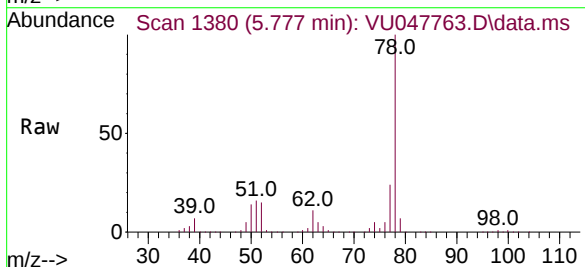
Acq: 30 Mar 2022 15:36

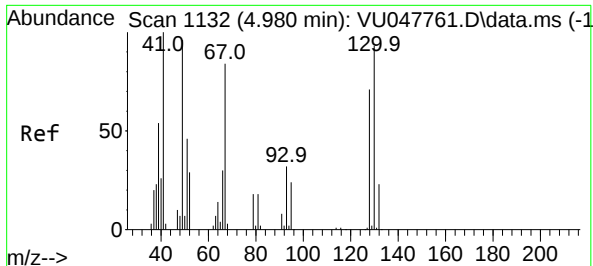
Tgt Ion: 78 Resp: 1938574

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2



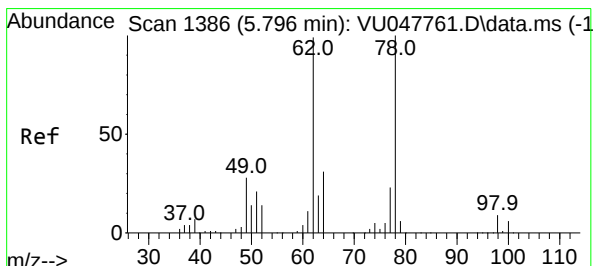
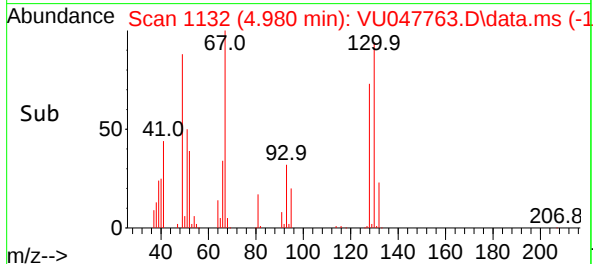
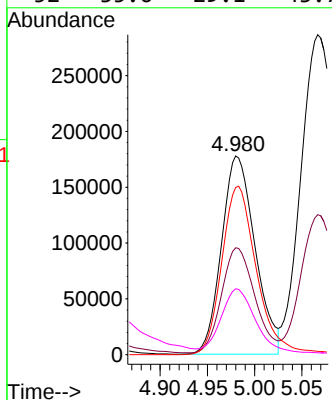
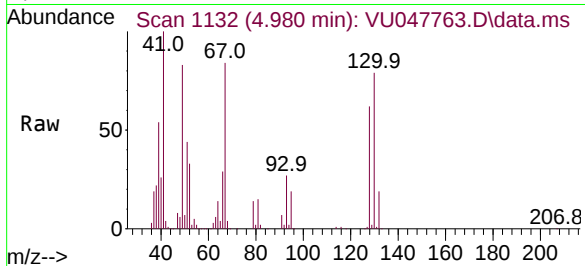


#41
Methacrylonitrile
Concen: 140.801 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 438860

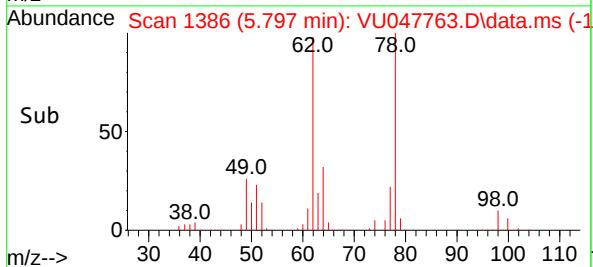
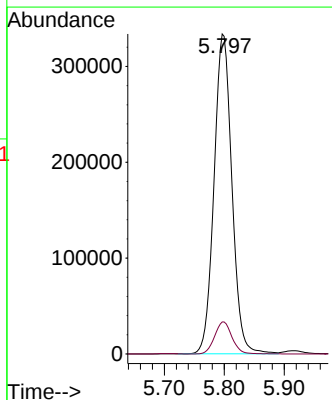
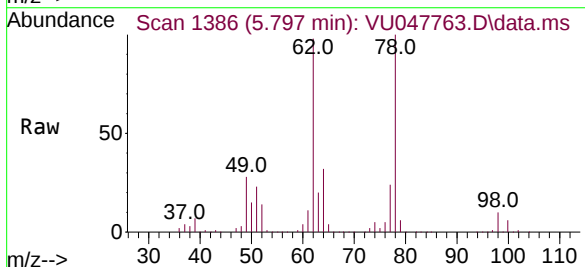
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.1	64.7
67	89.1	72.3	108.5
52	35.6	29.1	43.7

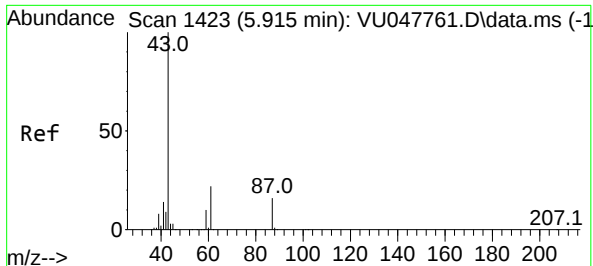


#42
1,2-Dichloroethane
Concen: 125.248 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 62 Resp: 687678

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6

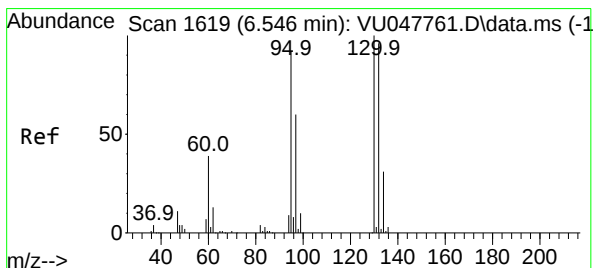
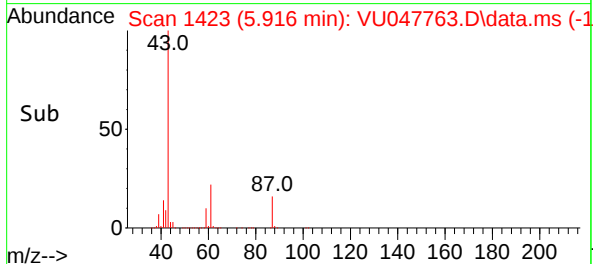
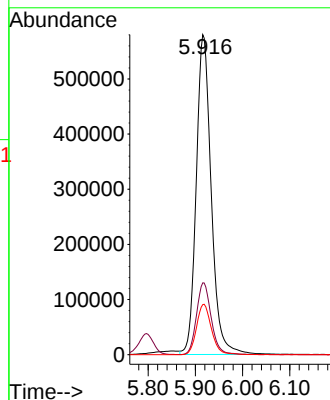
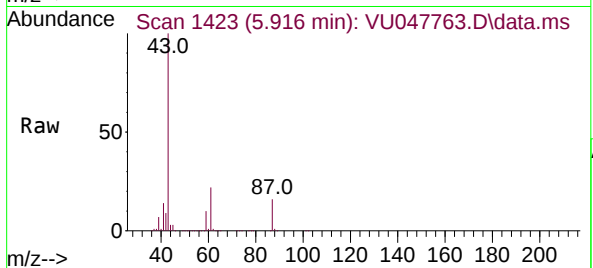




#43
Isopropyl Acetate
Concen: 141.478 ug/l
RT: 5.916 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

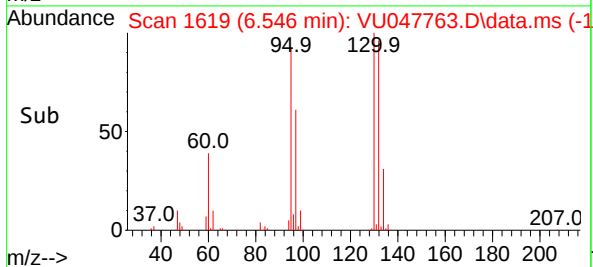
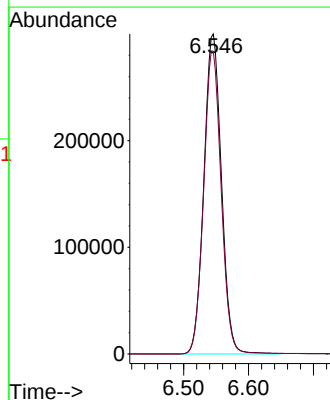
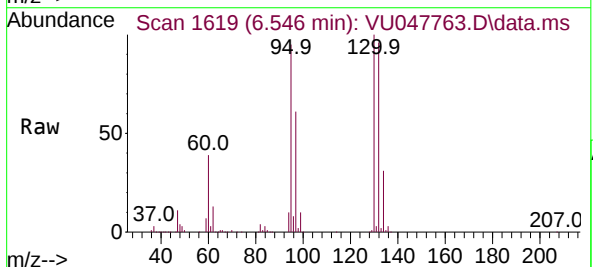
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

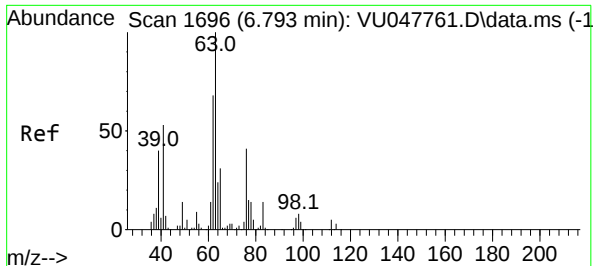
Tgt Ion: 43 Resp: 1276224
Ion Ratio Lower Upper
43 100
61 22.0 17.4 26.0
87 15.7 12.6 18.8



#44
Trichloroethene
Concen: 148.025 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:130 Resp: 564280
Ion Ratio Lower Upper
130 100
95 94.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 127.944 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

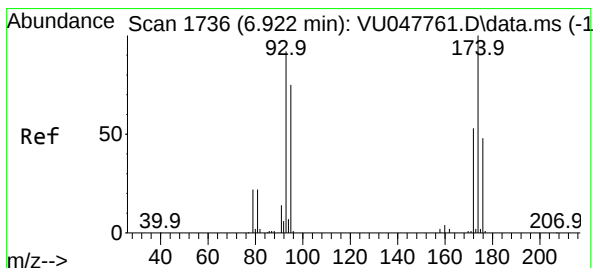
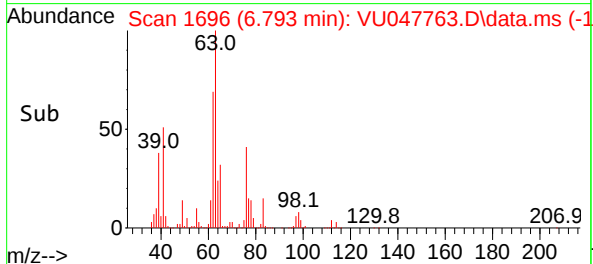
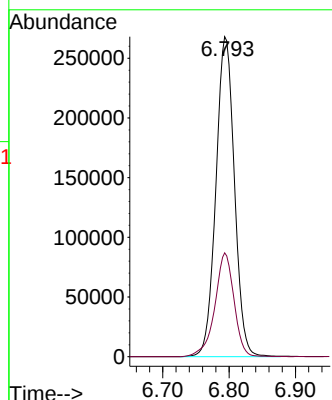
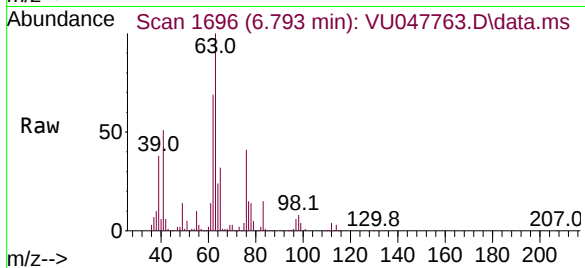
VSTDIC150

Tgt Ion: 63 Resp: 519184

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.4



#46

Dibromomethane

Concen: 130.341 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

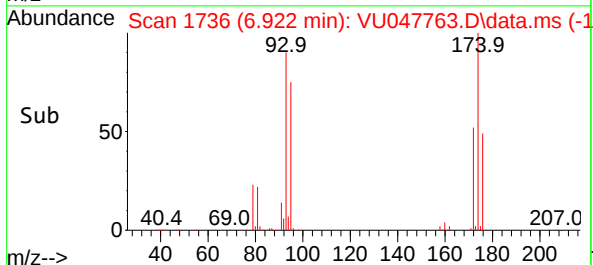
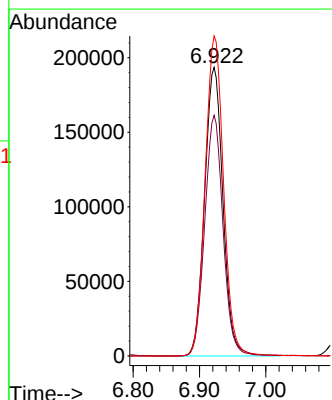
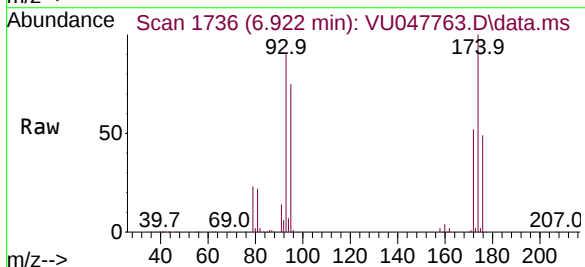
Tgt Ion: 93 Resp: 373653

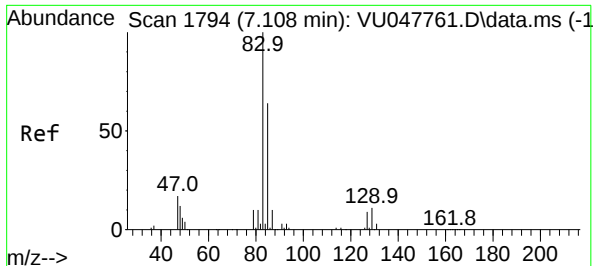
Ion Ratio Lower Upper

93 100

95 83.1 66.3 99.5

174 111.0 88.2 132.4

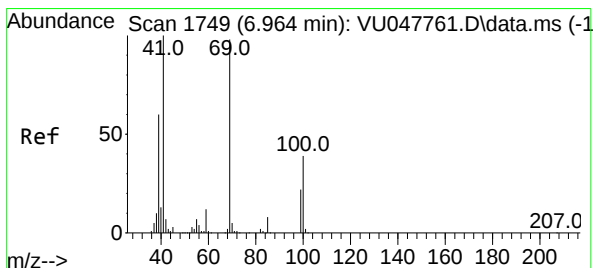
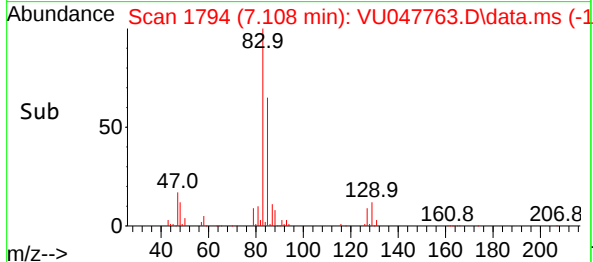
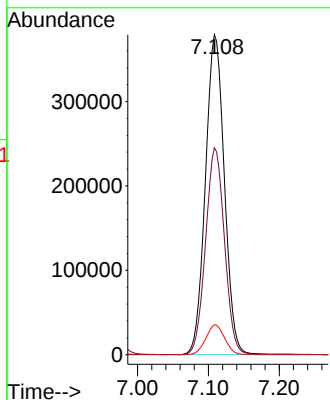
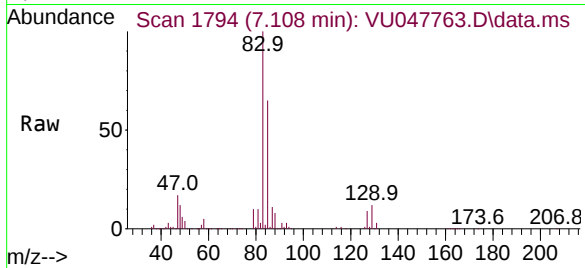




#47
Bromodichloromethane
Concen: 130.064 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

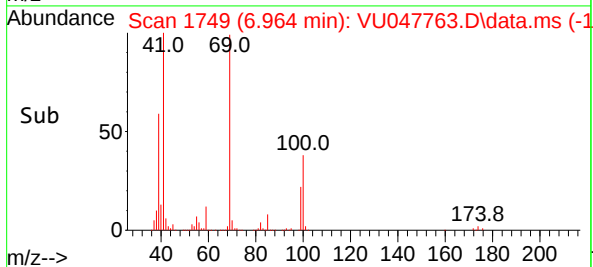
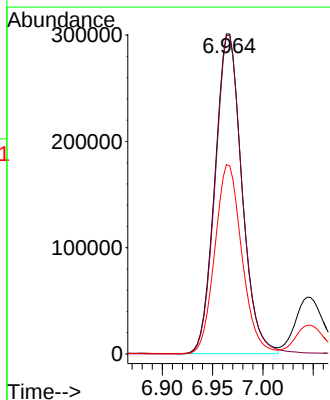
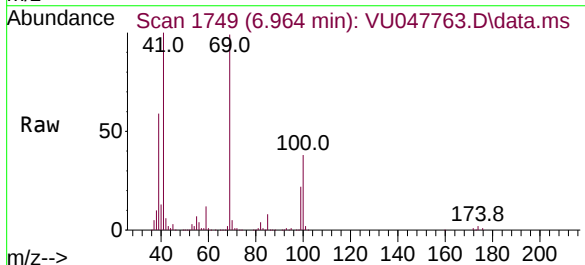
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

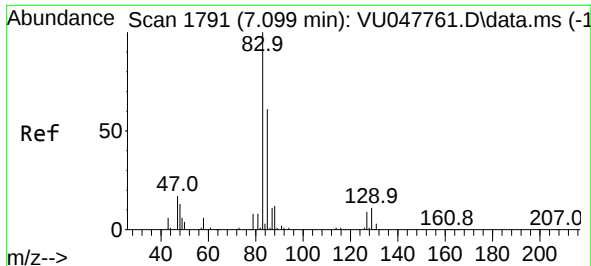
Tgt Ion: 83 Resp: 702591
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 134.356 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 41 Resp: 562169
Ion Ratio Lower Upper
41 100
69 100.0 79.8 119.6
39 59.2 47.9 71.9





#49

1,4-Dioxane

Concen: 1185.604 ug/l

RT: 7.089 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

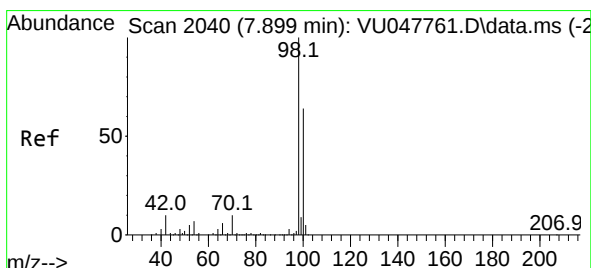
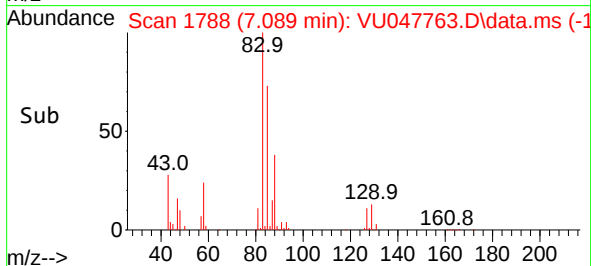
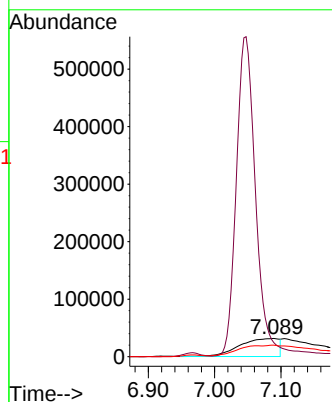
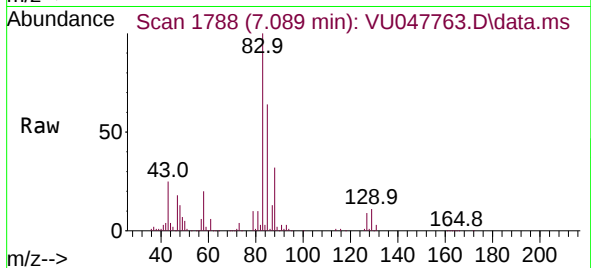
Tgt Ion: 88 Resp: 130649

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 15.4 23.0#



#50

Toluene-d8

Concen: 136.223 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU047763.D

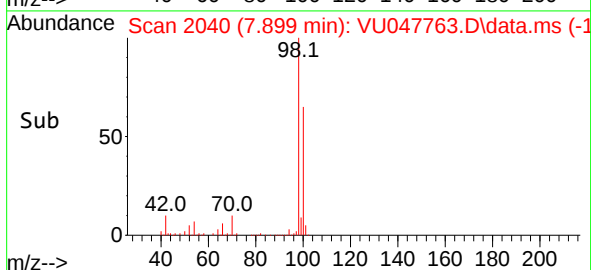
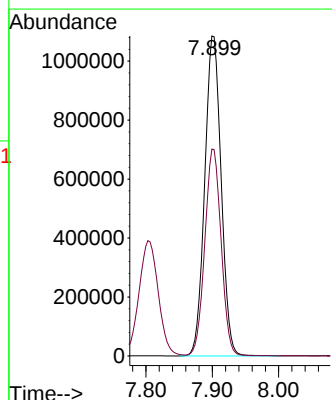
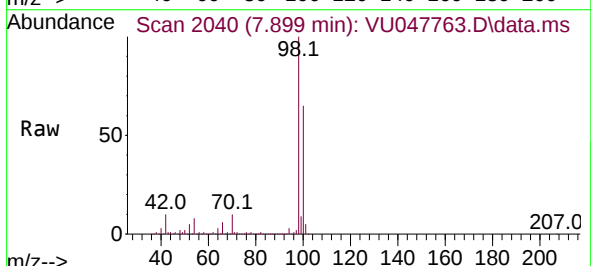
Acq: 30 Mar 2022 15:36

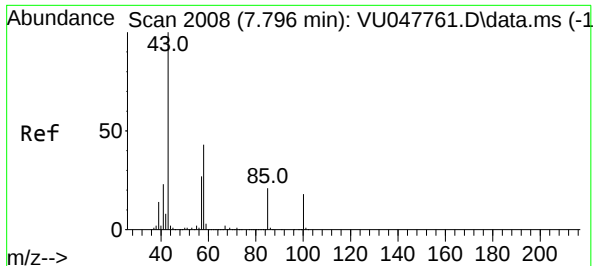
Tgt Ion: 98 Resp: 1868680

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5

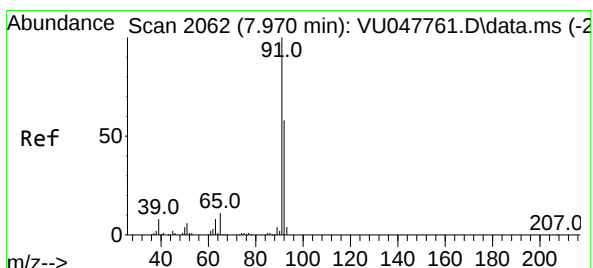
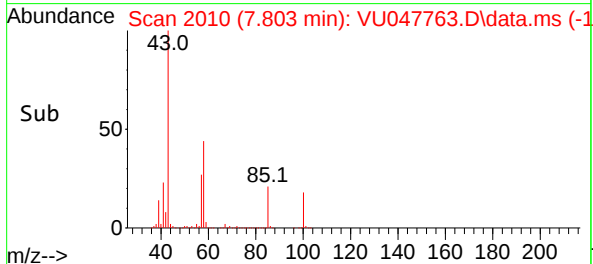
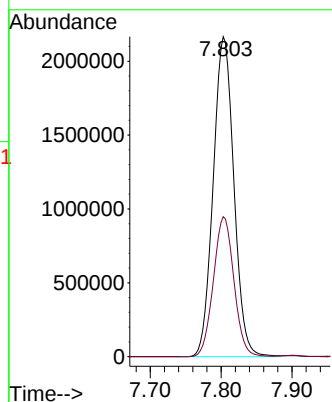
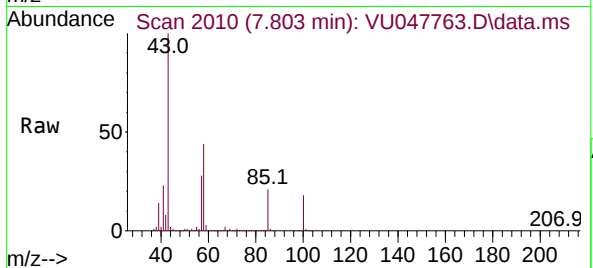




#51
4-Methyl-2-Pentanone
Concen: 712.029 ug/l
RT: 7.803 min Scan# 2008
Delta R.T. 0.007 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

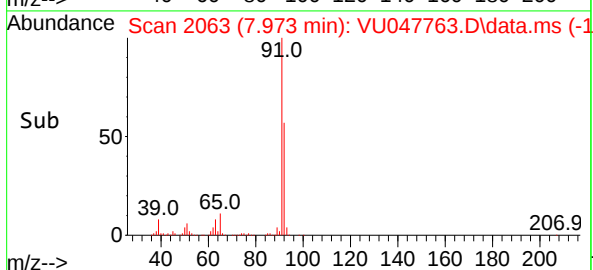
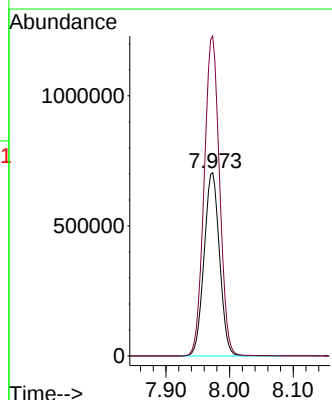
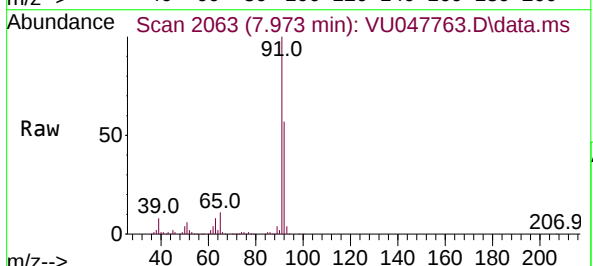
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

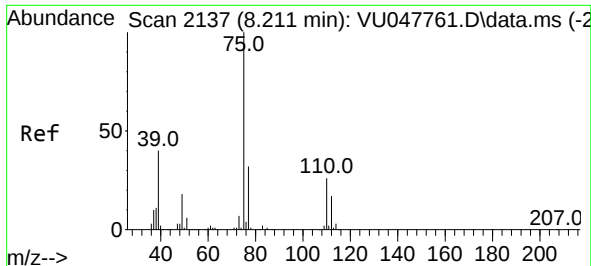
Tgt Ion: 43 Resp: 4391447
Ion Ratio Lower Upper
43 100
58 43.5 34.7 52.1



#52
Toluene
Concen: 125.785 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 92 Resp: 1190382
Ion Ratio Lower Upper
92 100
91 174.2 138.2 207.4

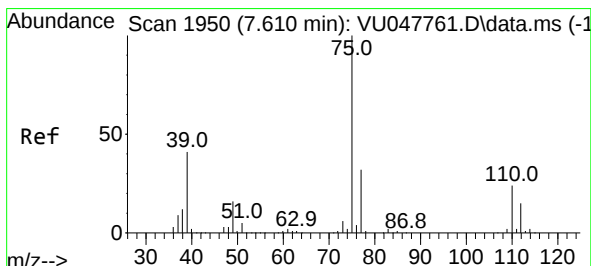
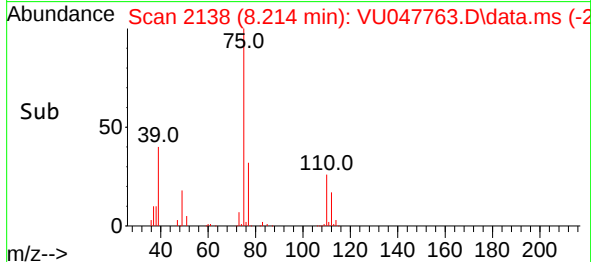
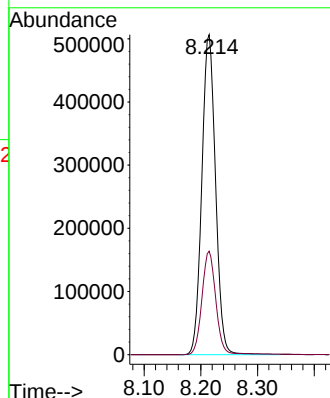
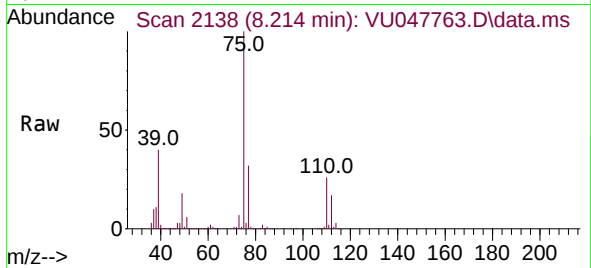




#53
t-1,3-Dichloropropene
Concen: 137.690 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

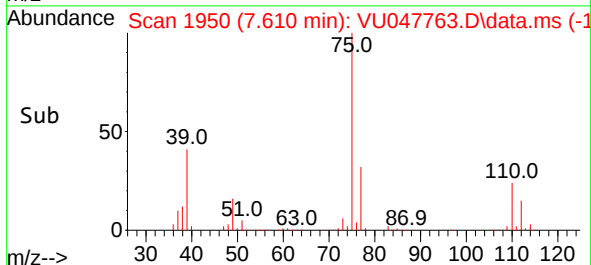
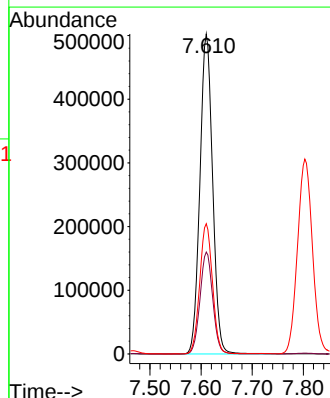
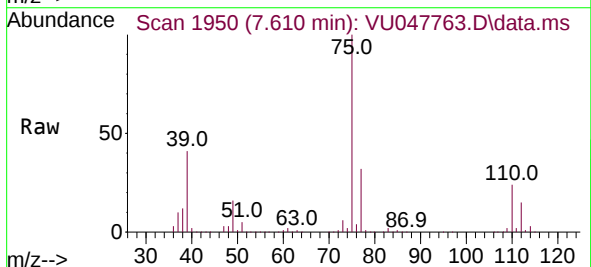
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

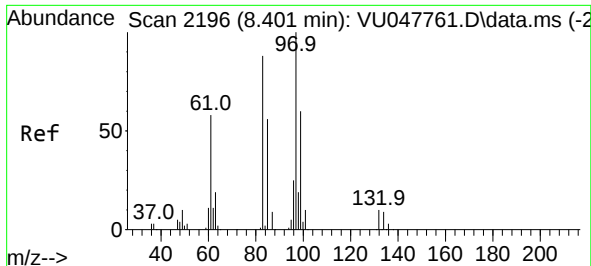
Tgt Ion: 75 Resp: 850327
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 132.900 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 75 Resp: 868762
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 40.7 33.0 49.6

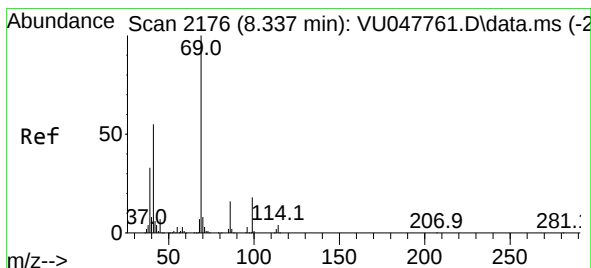
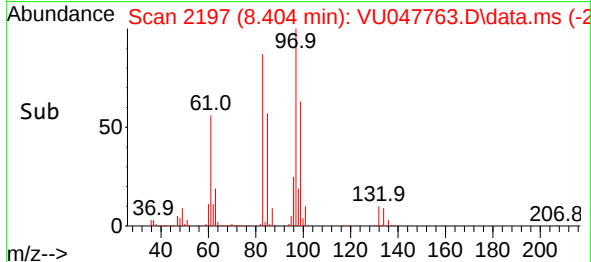
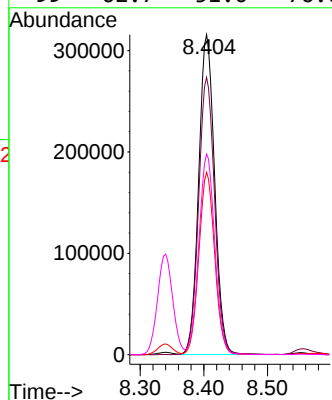
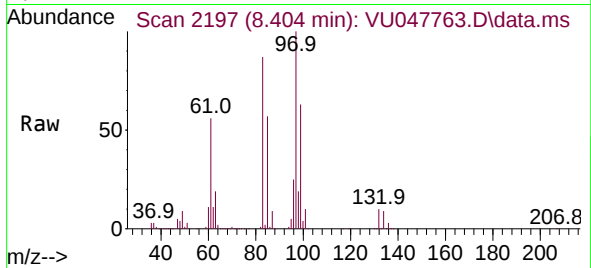




#55
1,1,2-Trichloroethane
Concen: 137.858 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

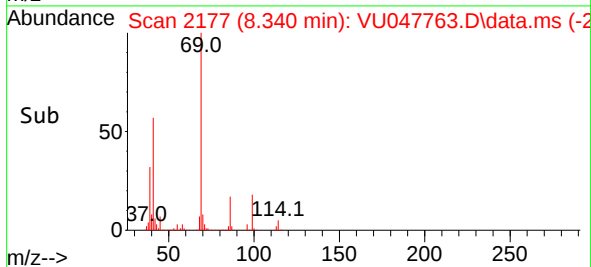
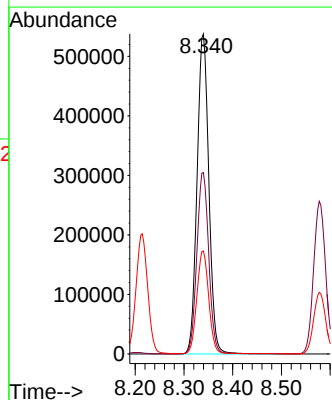
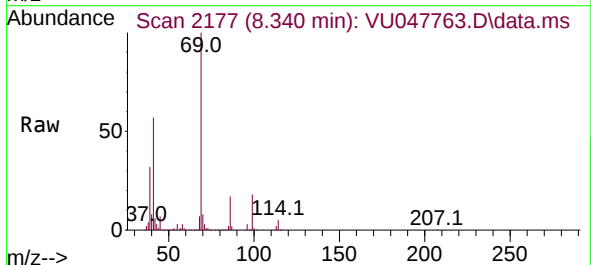
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

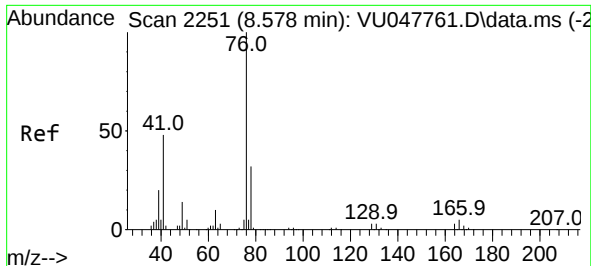
Tgt Ion:	97	Resp:	548220
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.4
85	57.0	44.6	66.8
99	62.7	51.0	76.6



#56
Ethyl methacrylate
Concen: 144.399 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:	69	Resp:	900935
Ion	Ratio	Lower	Upper
69	100		
41	57.1	45.4	68.0
39	32.3	25.7	38.5





#57

1,3-Dichloropropane

Concen: 126.972 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

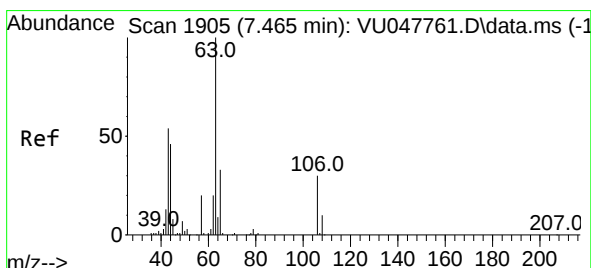
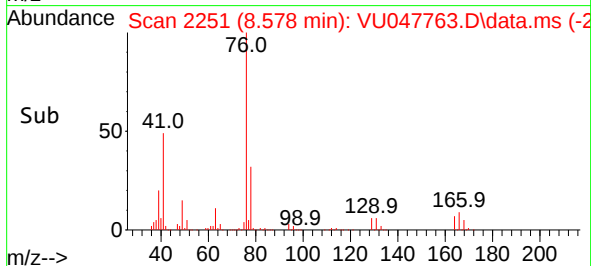
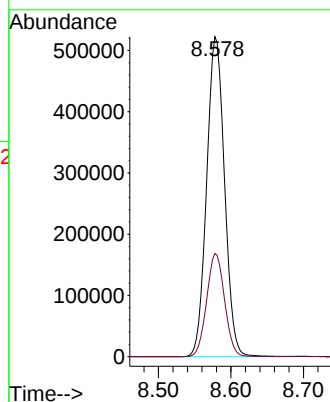
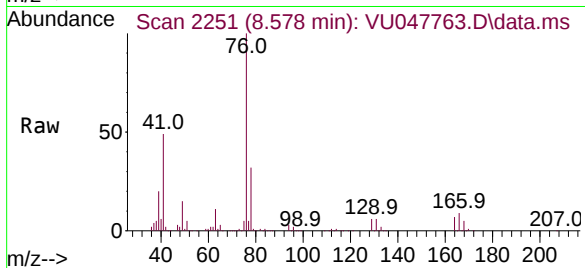
VSTDIC150

Tgt Ion: 76 Resp: 894001

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 141.165 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VU047763.D

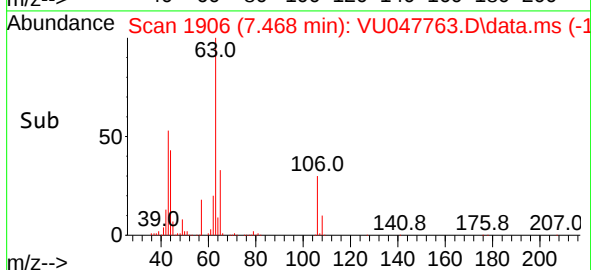
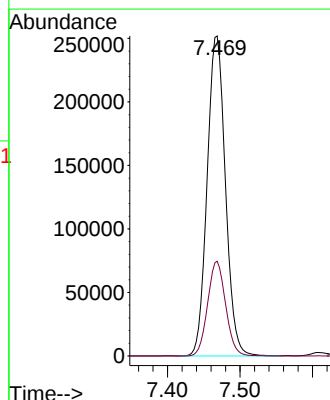
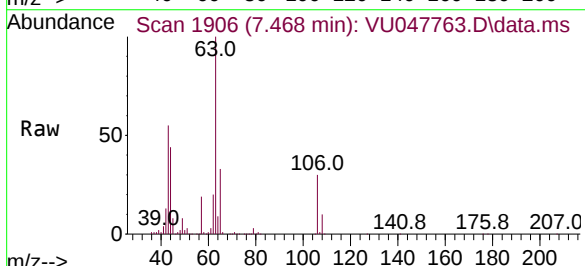
Acq: 30 Mar 2022 15:36

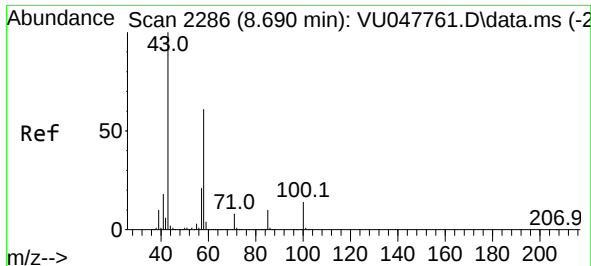
Tgt Ion: 63 Resp: 441355

Ion Ratio Lower Upper

63 100

106 29.1 23.1 34.7

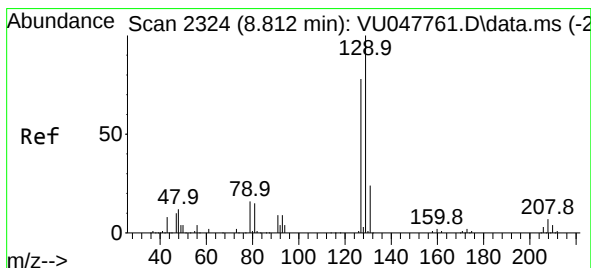
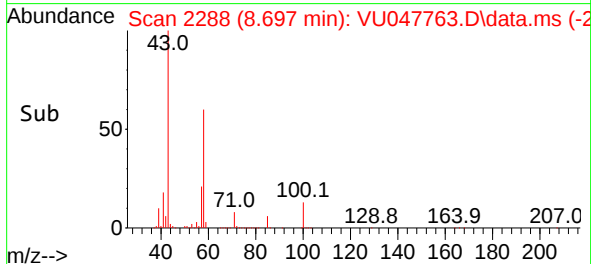
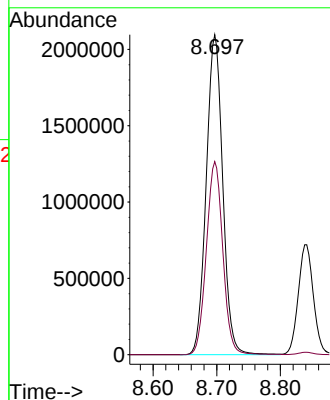
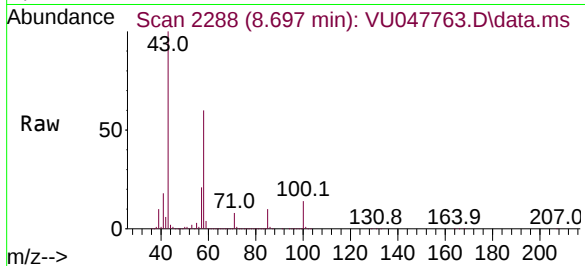




#59
2-Hexanone
Concen: 768.952 ug/l
RT: 8.697 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

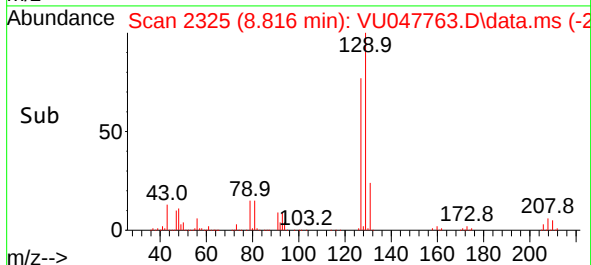
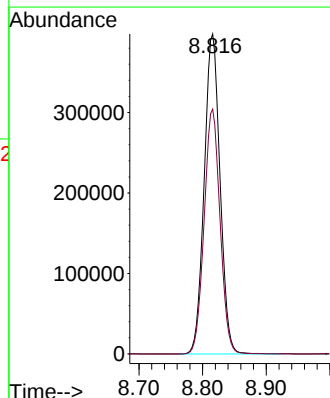
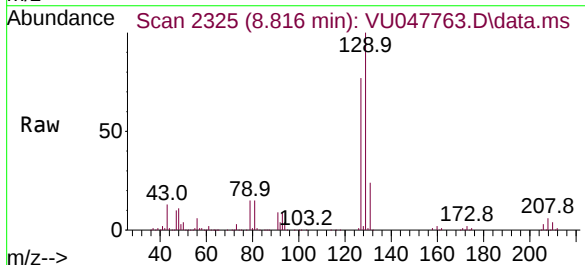
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

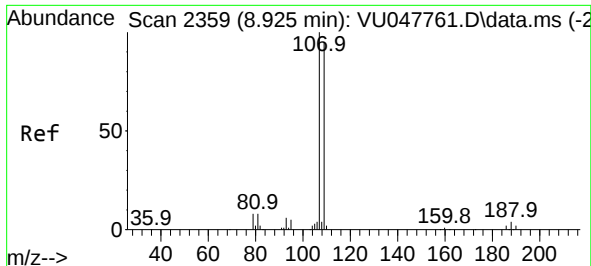
Tgt Ion: 43 Resp: 3762470
Ion Ratio Lower Upper
43 100
58 60.5 30.3 90.8



#60
Dibromochloromethane
Concen: 163.600 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 129 Resp: 687737
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

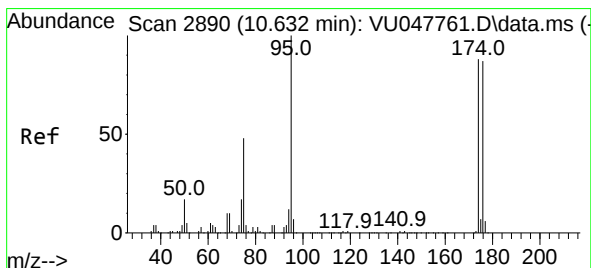
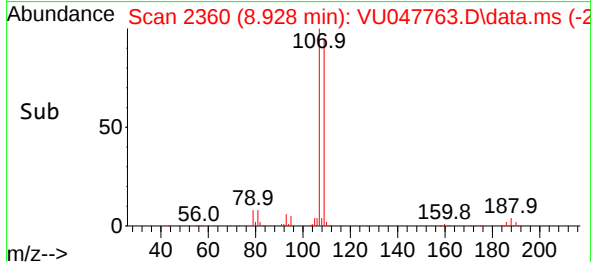
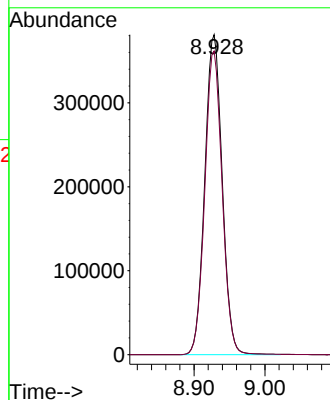
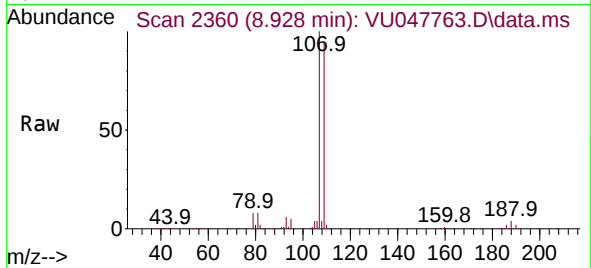




#61
1,2-Dibromoethane
Concen: 151.807 ug/l
RT: 8.928 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

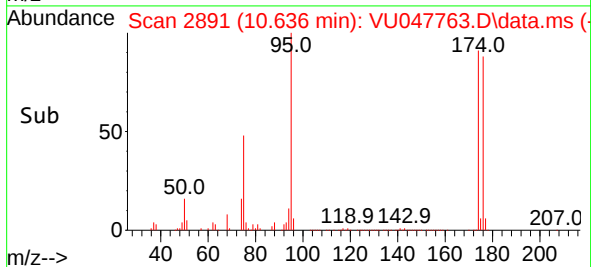
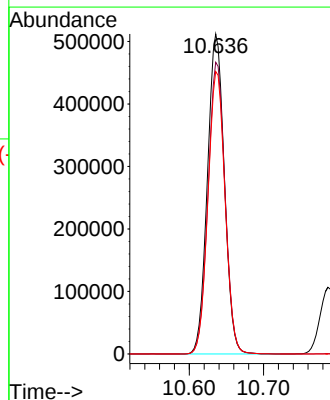
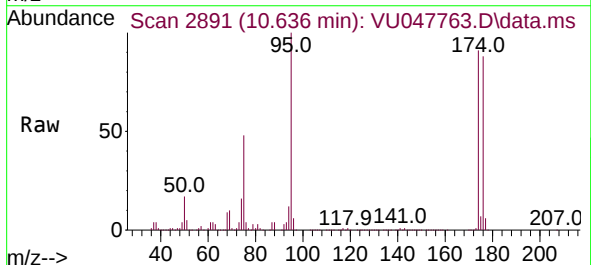
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

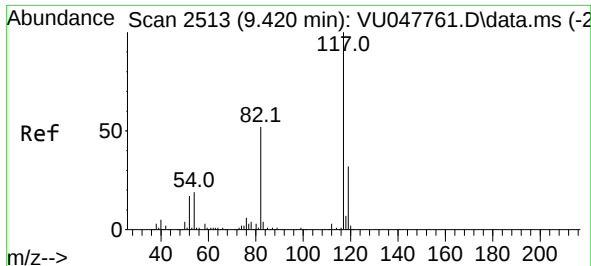
Tgt Ion:107 Resp: 651280
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 147.820 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 95 Resp: 809010
Ion Ratio Lower Upper
95 100
174 91.9 0.0 182.0
176 89.1 0.0 177.8

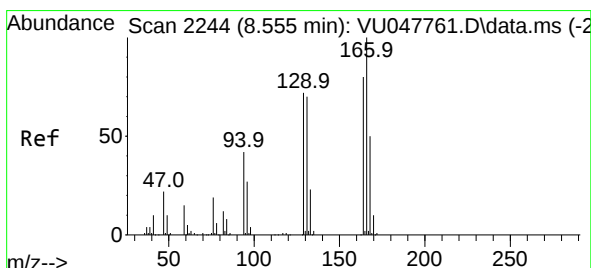
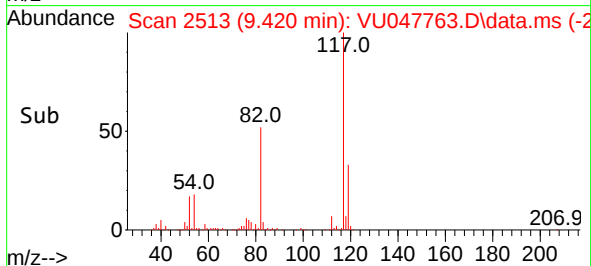
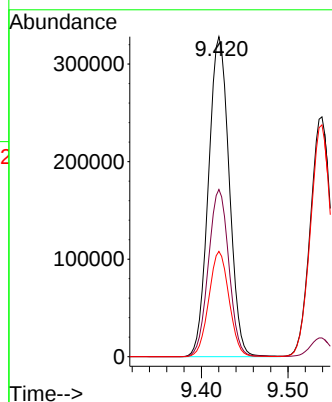
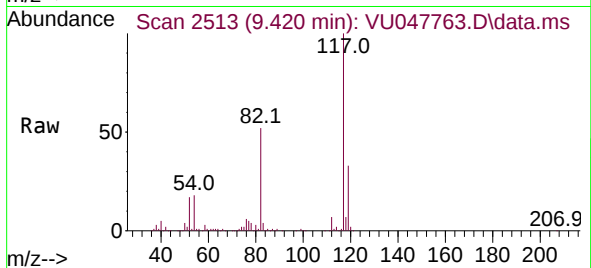




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

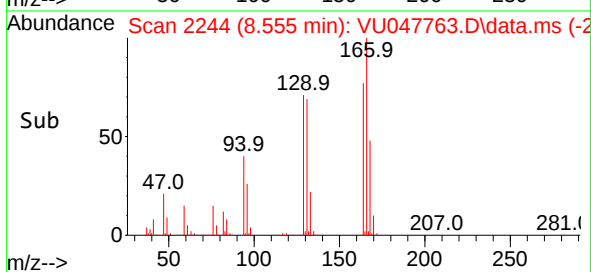
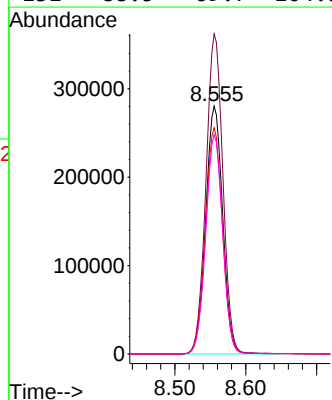
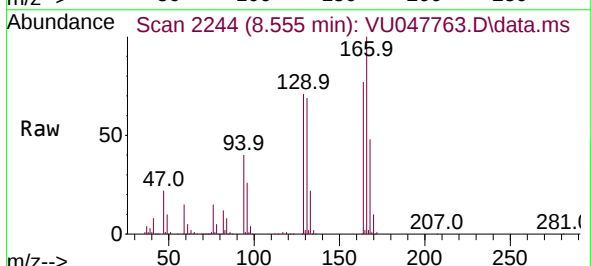
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

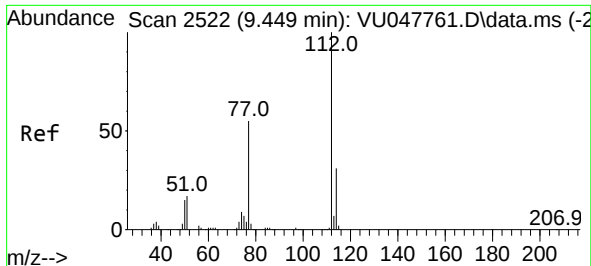
Tgt Ion:117 Resp: 546404
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 146.979 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:164 Resp: 468200
Ion Ratio Lower Upper
164 100
166 129.1 100.0 150.0
129 91.3 72.0 108.0
131 88.5 69.7 104.5

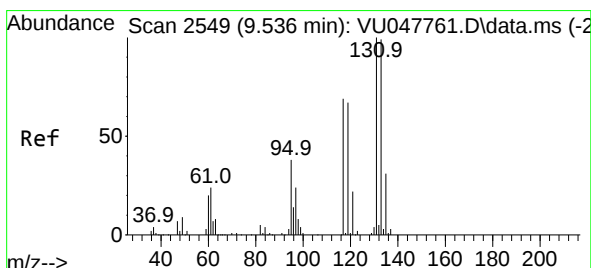
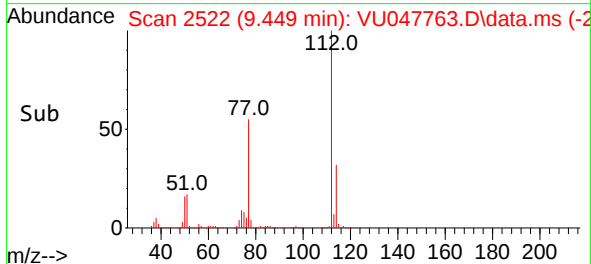
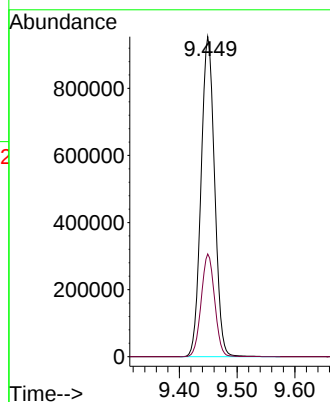
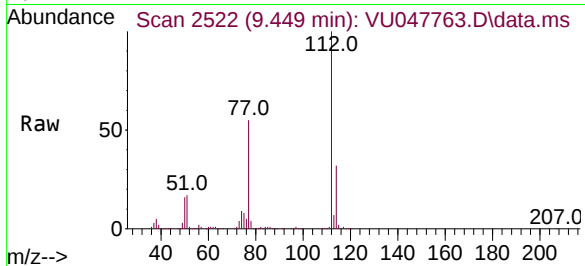




#65
Chlorobenzene
Concen: 144.853 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

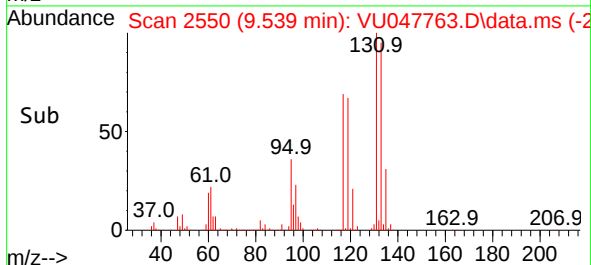
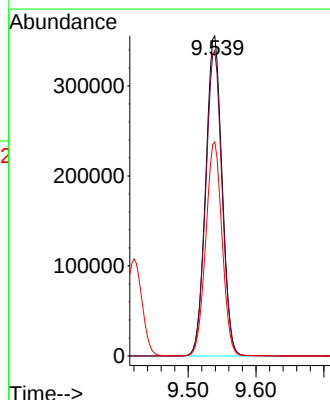
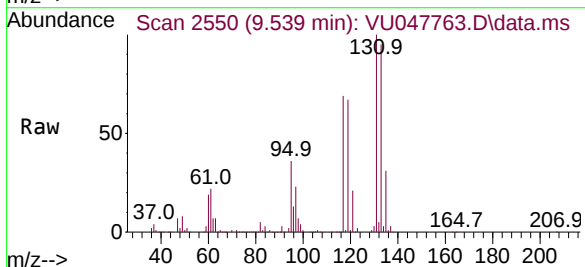
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

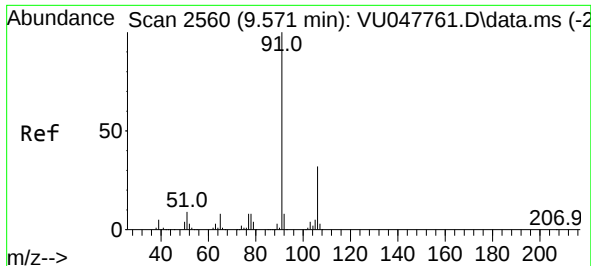
Tgt Ion:112 Resp: 1554653
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 155.138 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:131 Resp: 595675
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 66.8 33.9 101.6

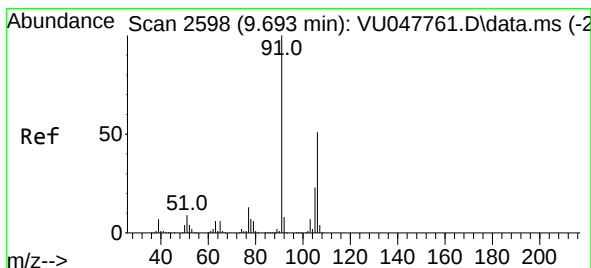
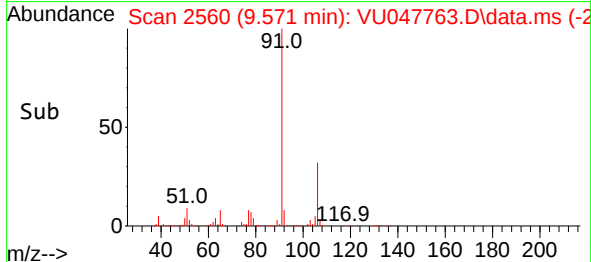
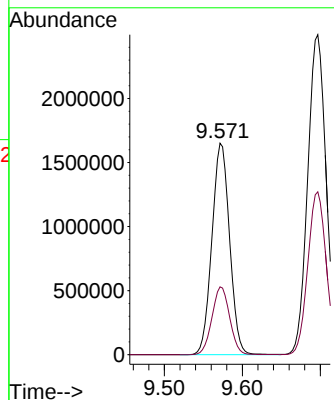
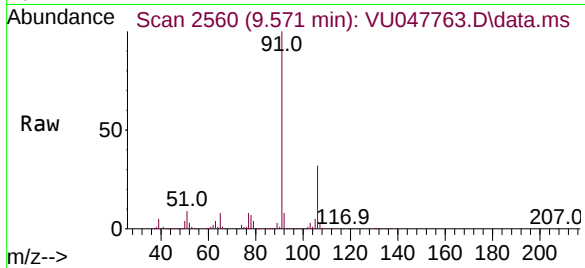




#67
Ethyl Benzene
Concen: 138.387 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

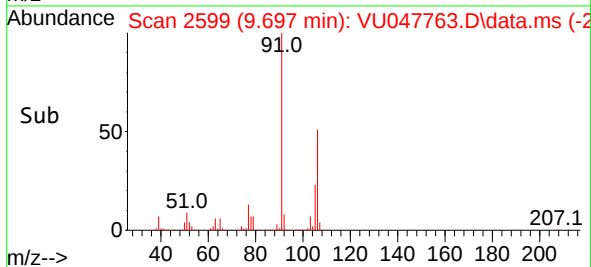
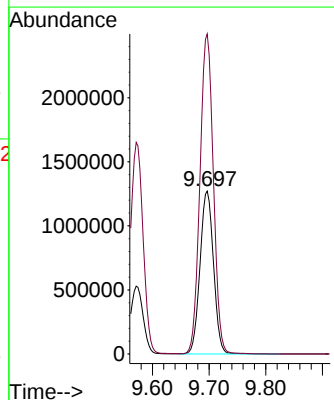
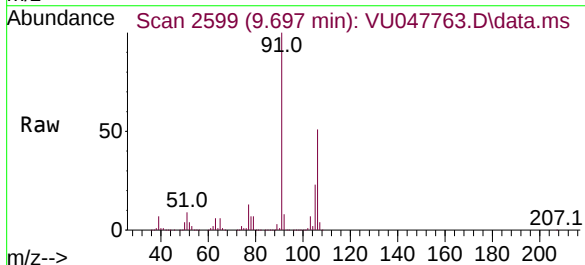
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

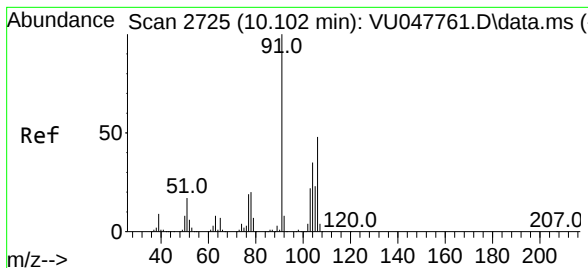
Tgt Ion: 91 Resp: 2606692
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 291.958 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 106 Resp: 2098673
Ion Ratio Lower Upper
106 100
91 196.1 157.2 235.8

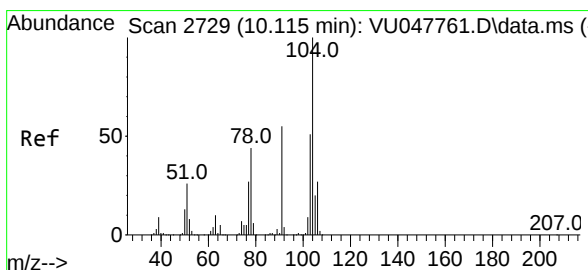
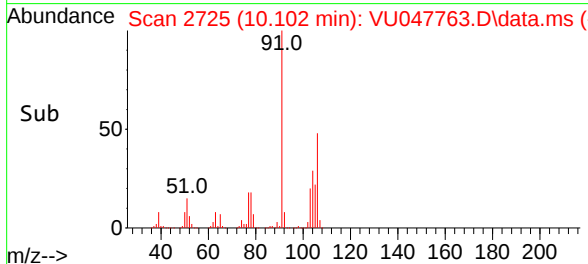
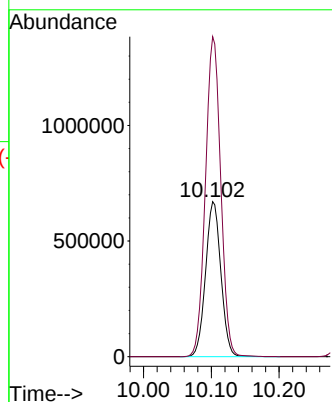
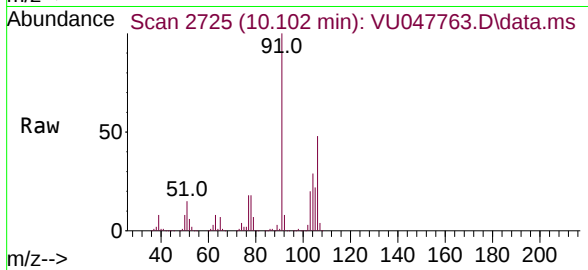




#69
o-Xylene
Concen: 150.097 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

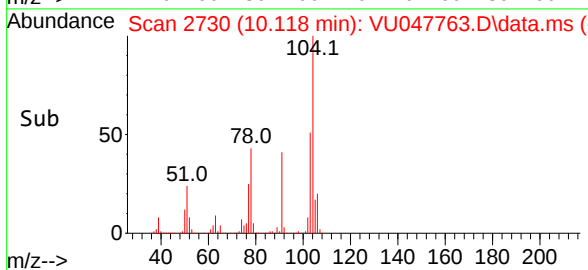
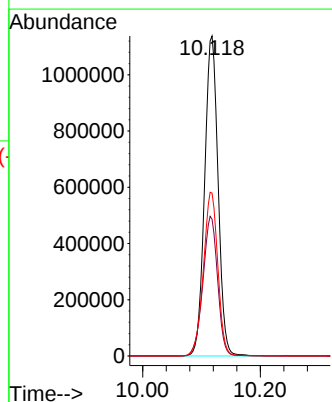
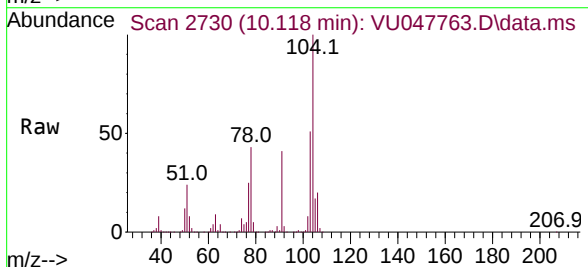
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

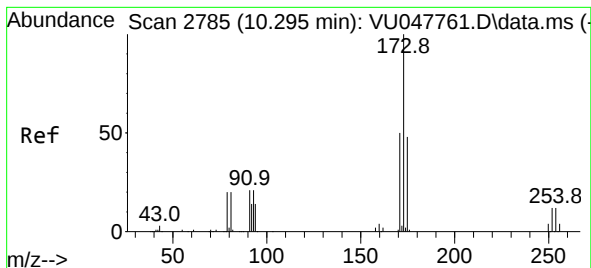
Tgt Ion:106 Resp: 1051296
Ion Ratio Lower Upper
106 100
91 206.6 103.5 310.5



#70
Styrene
Concen: 152.912 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:104 Resp: 1806414
Ion Ratio Lower Upper
104 100
78 47.3 38.0 57.0
103 54.9 43.9 65.9





#71

Bromoform

Concen: 191.938 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

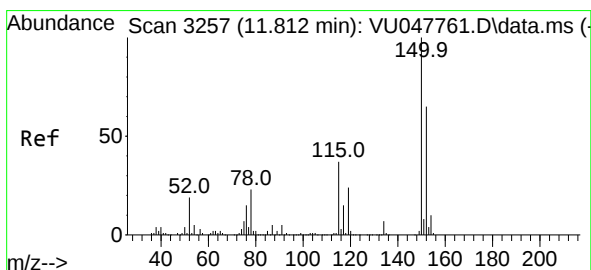
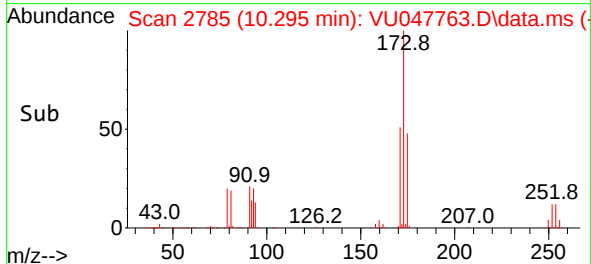
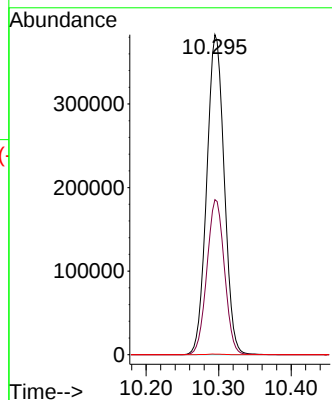
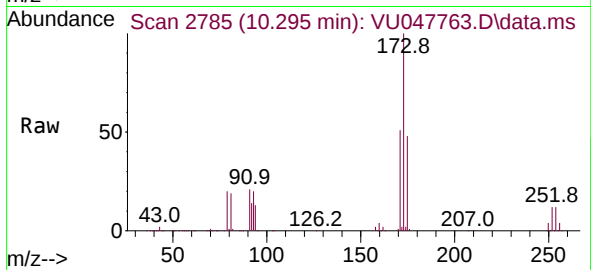
Tgt Ion:173 Resp: 640560

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

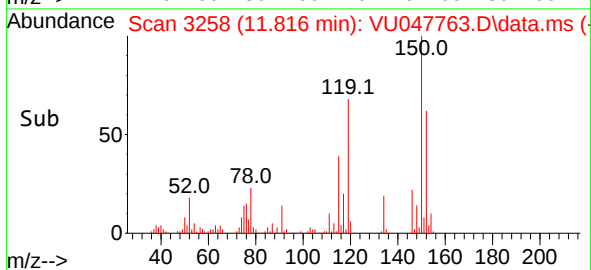
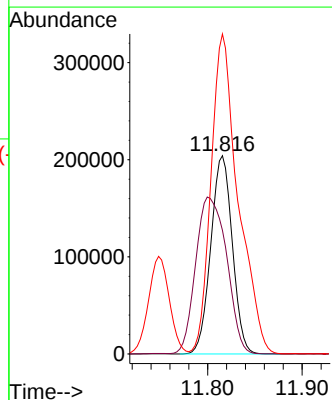
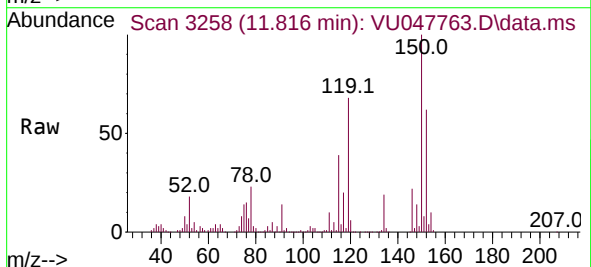
Tgt Ion:152 Resp: 322946

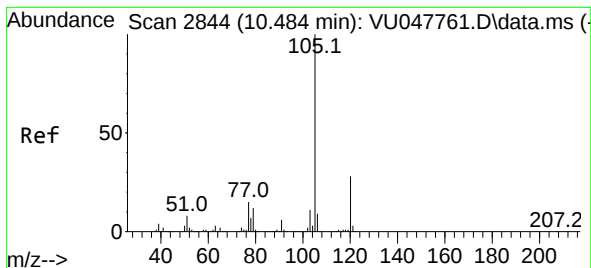
Ion Ratio Lower Upper

152 100

115 113.5 37.0 110.9#

150 203.3 0.0 342.2





#73

Isopropylbenzene

Concen: 133.514 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

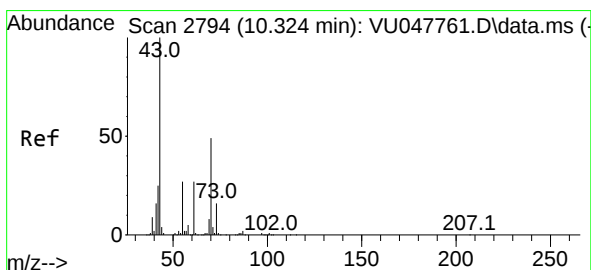
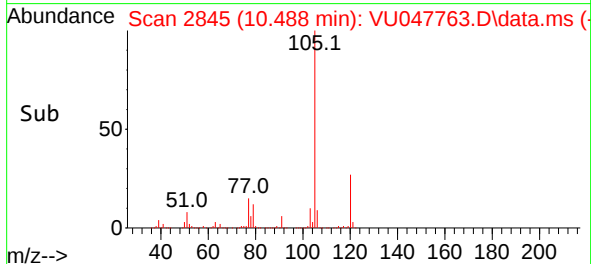
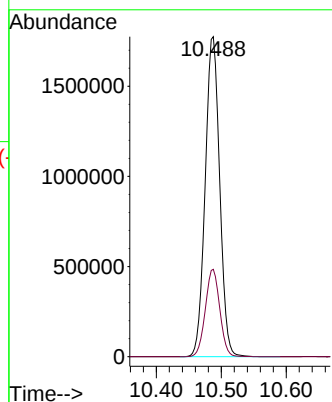
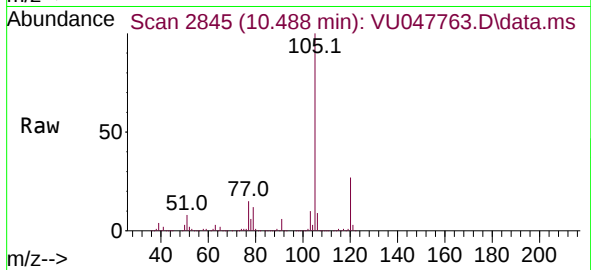
VSTDIC150

Tgt Ion:105 Resp: 2757310

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.4



#74

N-ethyl acetate

Concen: 125.564 ug/l

RT: 10.324 min Scan# 2794

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Tgt Ion: 43 Resp: 1149395

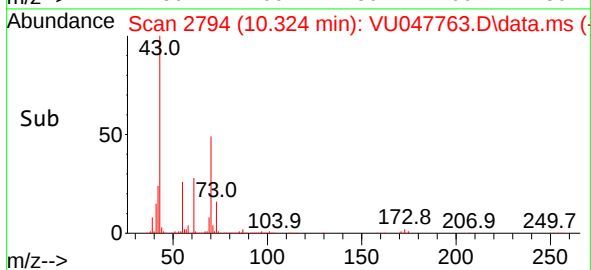
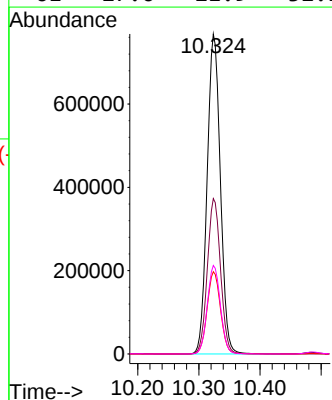
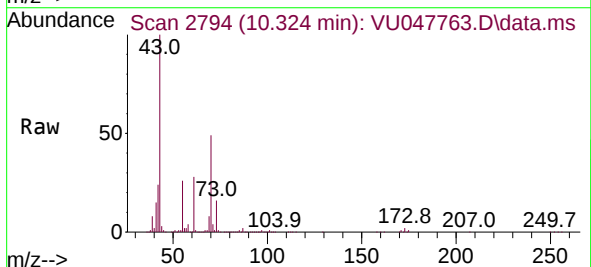
Ion Ratio Lower Upper

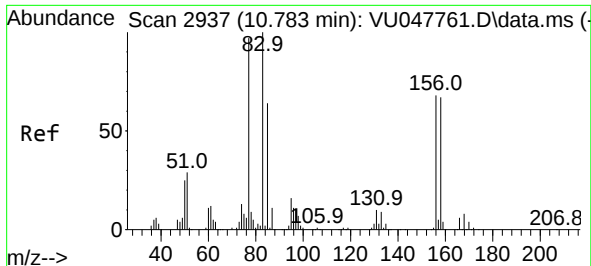
43 100

70 48.7 38.7 58.1

55 26.1 21.8 32.8

61 27.6 21.9 32.9

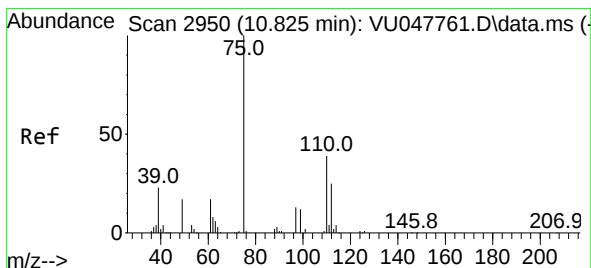
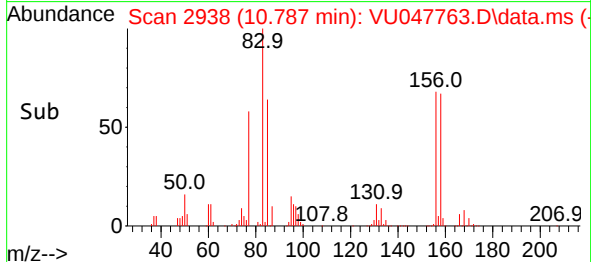
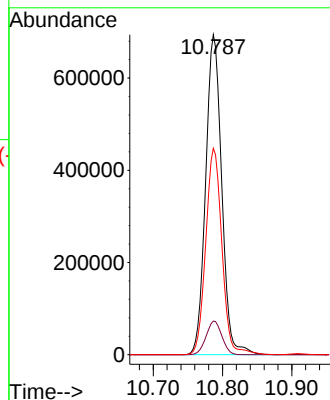
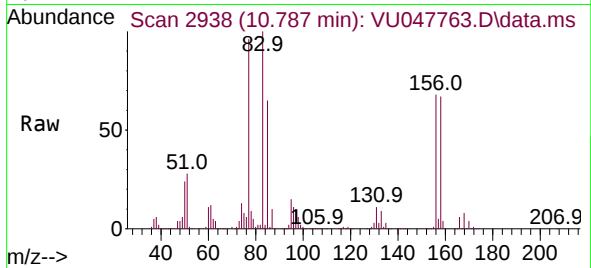




#75
1,1,2,2-Tetrachloroethane
Concen: 134.645 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

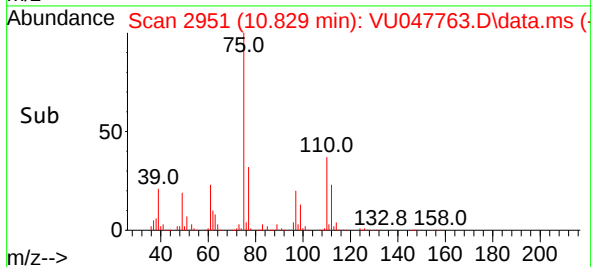
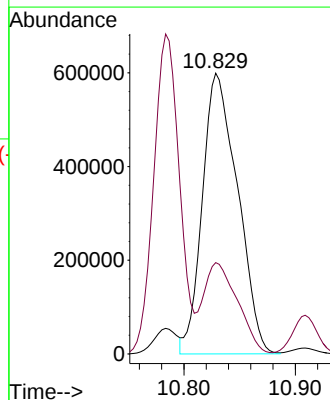
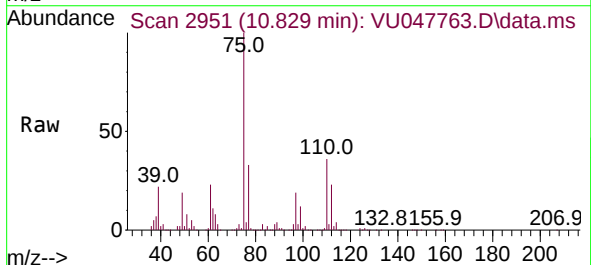
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

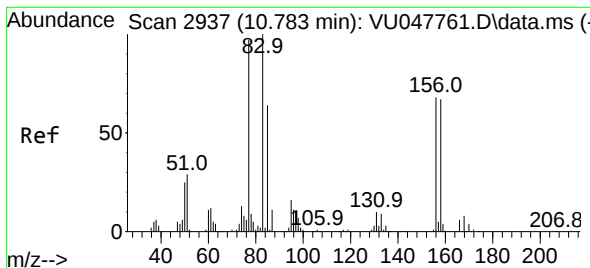
Tgt Ion: 83 Resp: 1115217
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 136.264 ug/l
RT: 10.829 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 75 Resp: 1315670
Ion Ratio Lower Upper
75 100
77 30.4 15.8 47.3





#77

Bromobenzene

Concen: 149.854 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

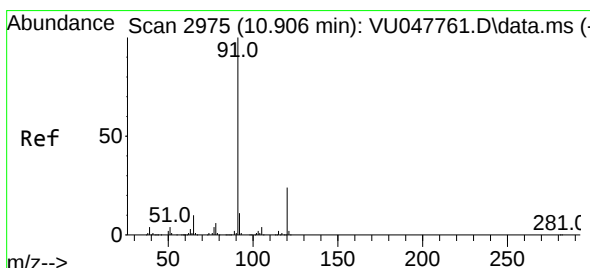
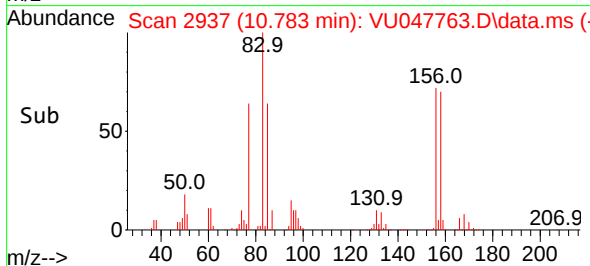
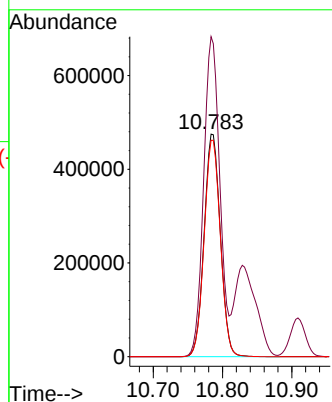
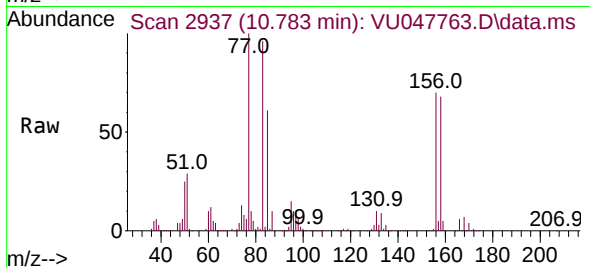
Tgt Ion:156 Resp: 770607

Ion Ratio Lower Upper

156 100

77 142.4 71.9 215.6

158 97.3 48.9 146.8



#78

n-propylbenzene

Concen: 129.450 ug/l

RT: 10.909 min Scan# 2976

Delta R.T. 0.003 min

Lab File: VU047763.D

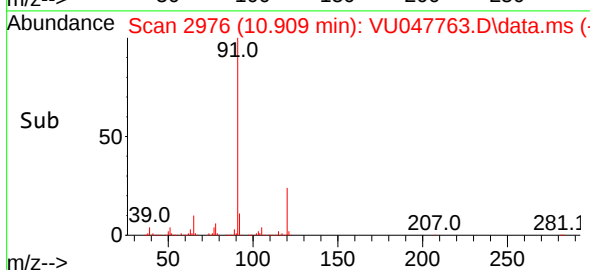
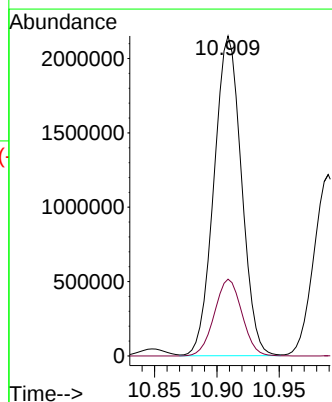
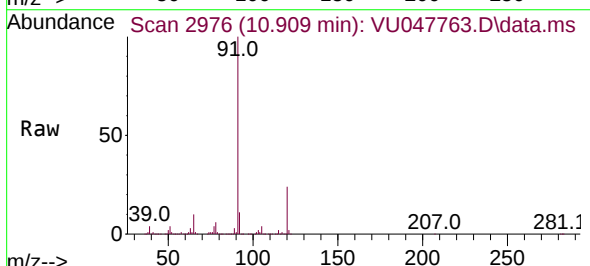
Acq: 30 Mar 2022 15:36

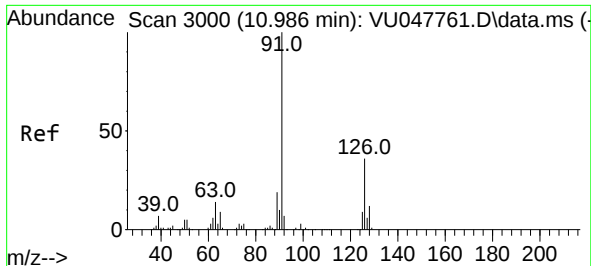
Tgt Ion: 91 Resp: 3301803

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5

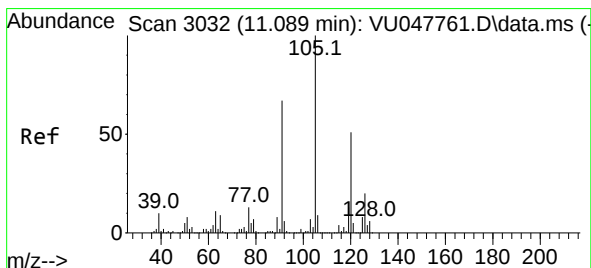
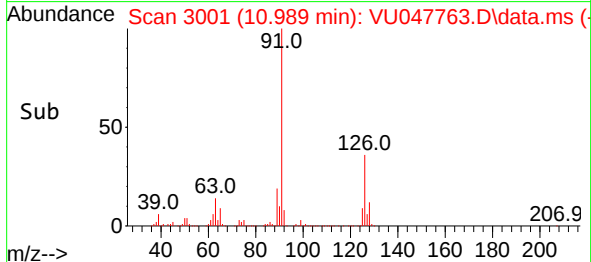
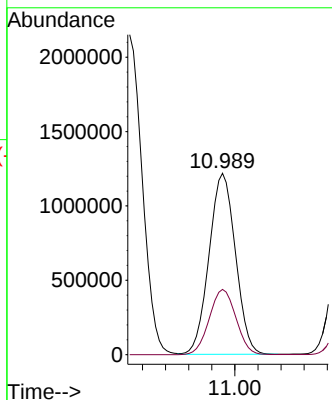
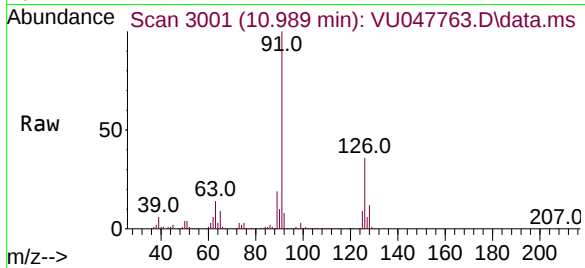




#79
2-Chlorotoluene
Concen: 127.789 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

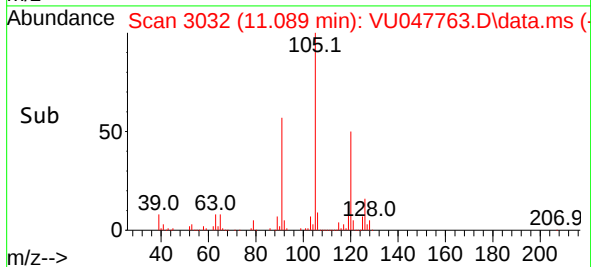
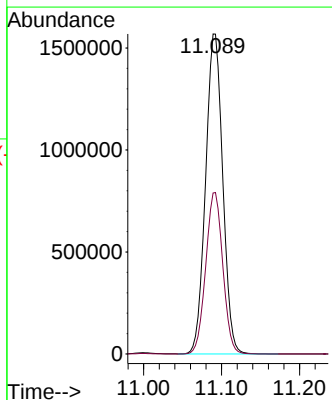
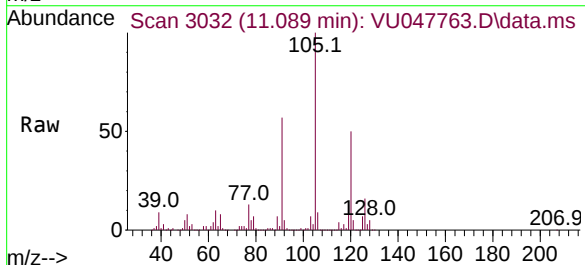
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

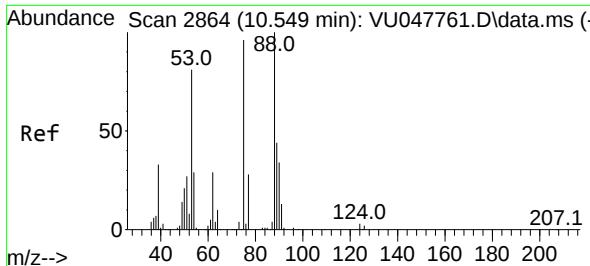
Tgt Ion: 91 Resp: 1929137
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 133.735 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:105 Resp: 2396990
Ion Ratio Lower Upper
105 100
120 50.2 25.3 75.9

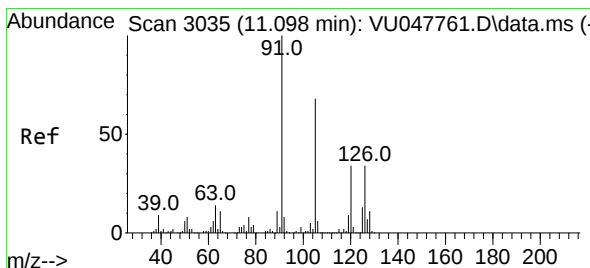
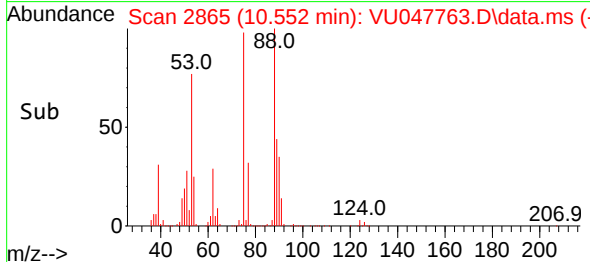
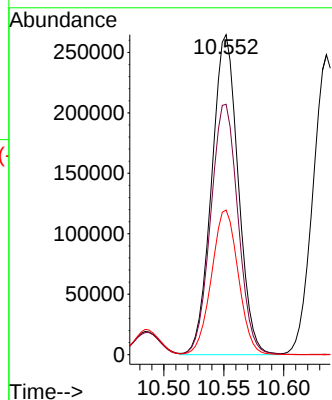
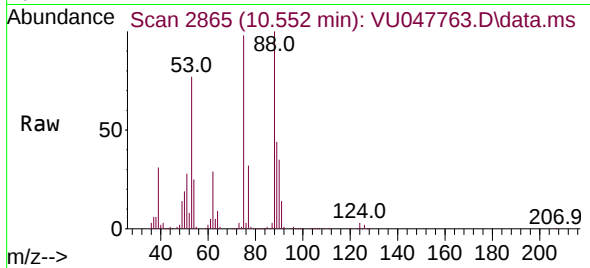




#81
trans-1,4-Dichloro-2-butene
Concen: 150.285 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.003 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

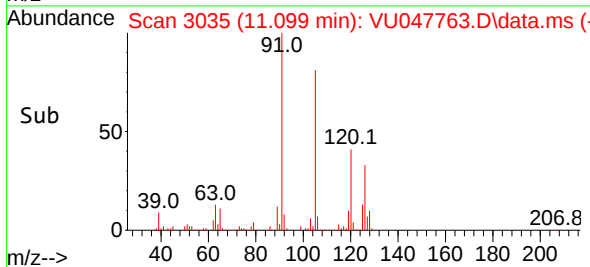
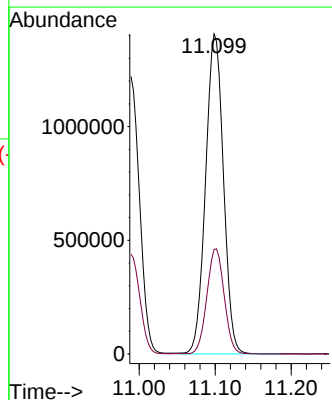
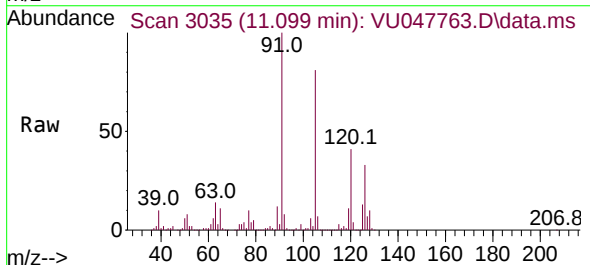
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

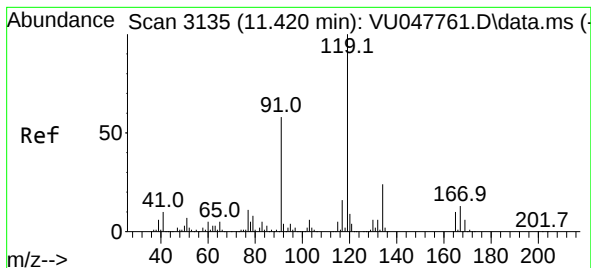
Tgt Ion: 75 Resp: 407646
Ion Ratio Lower Upper
75 100
53 80.4 69.2 103.8
89 45.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 129.297 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion: 91 Resp: 2290127
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.2





#83

tert-Butylbenzene

Concen: 145.178 ug/l

RT: 11.423 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

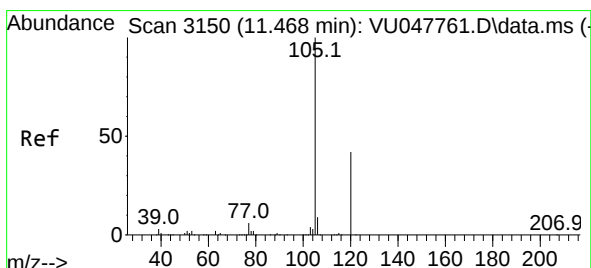
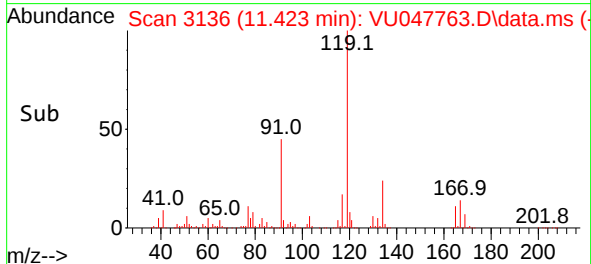
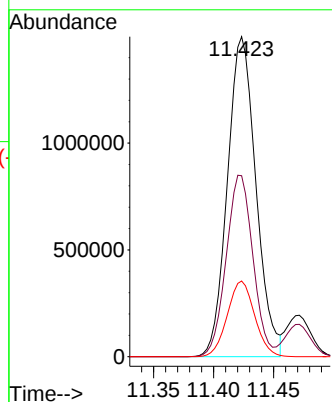
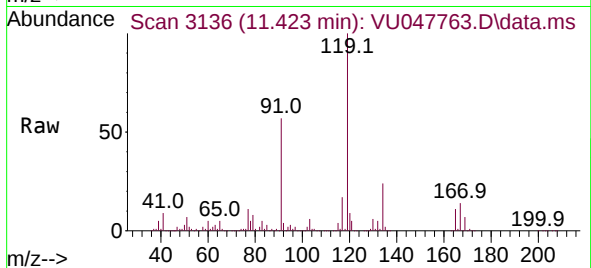
Tgt Ion:119 Resp: 2483700

Ion Ratio Lower Upper

119 100

91 53.0 26.8 80.3

134 22.7 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 133.943 ug/l

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU047763.D

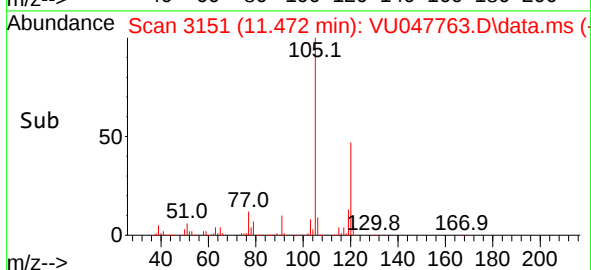
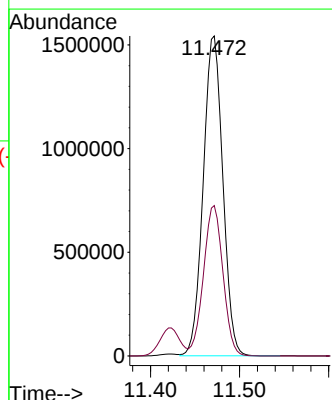
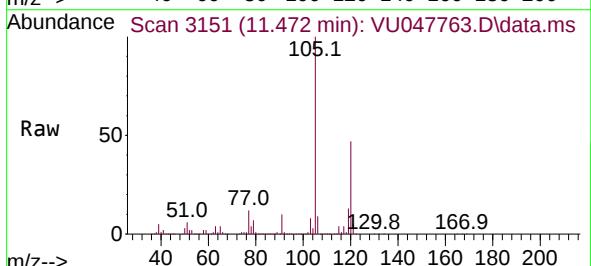
Acq: 30 Mar 2022 15:36

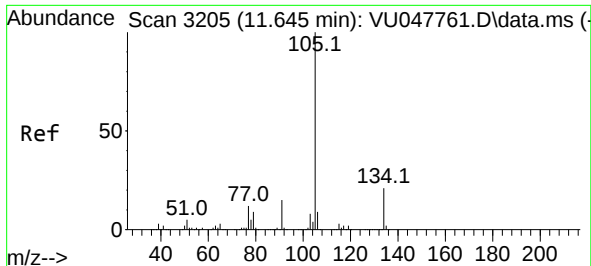
Tgt Ion:105 Resp: 2360409

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.3

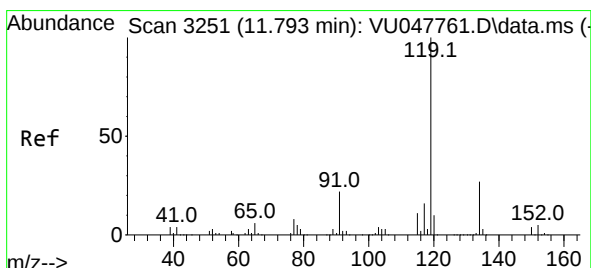
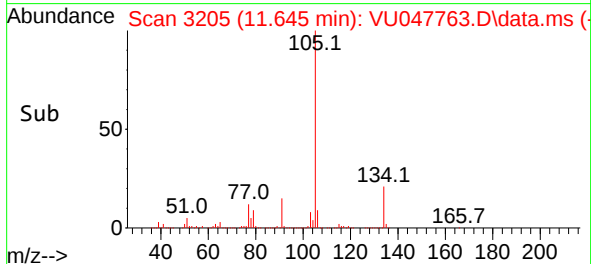
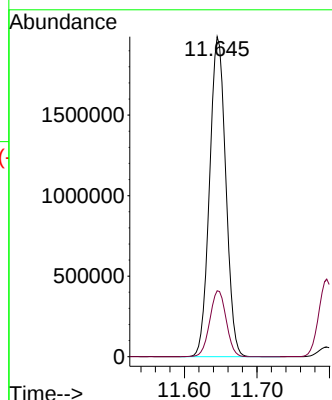
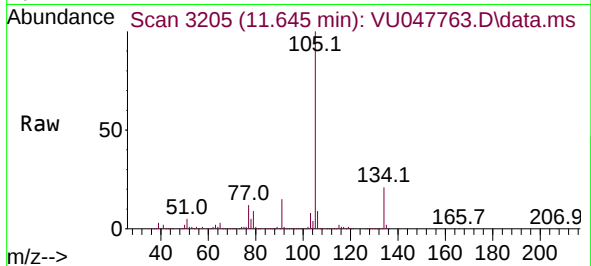




#85
 sec-Butylbenzene
 Concen: 136.726 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047763.D
 Acq: 30 Mar 2022 15:36

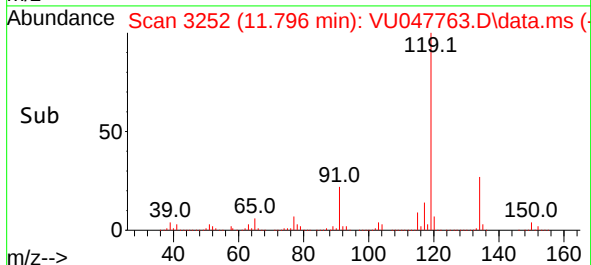
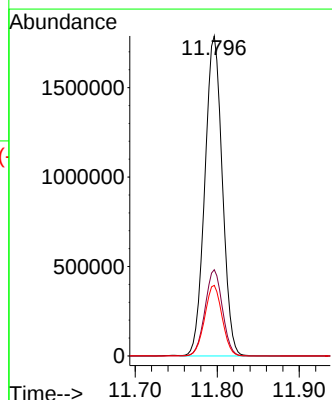
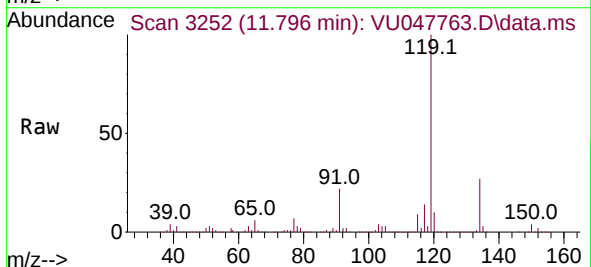
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

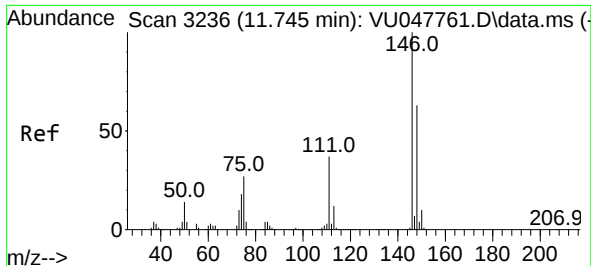
Tgt Ion:105 Resp: 3080039
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 139.694 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU047763.D
 Acq: 30 Mar 2022 15:36

Tgt Ion:119 Resp: 2639864
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 145.076 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

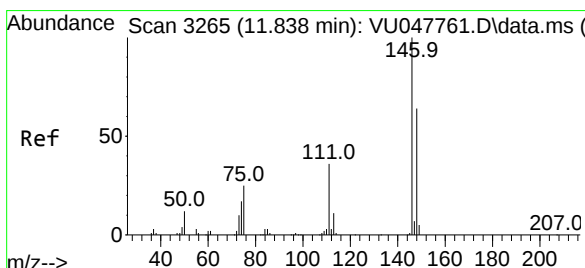
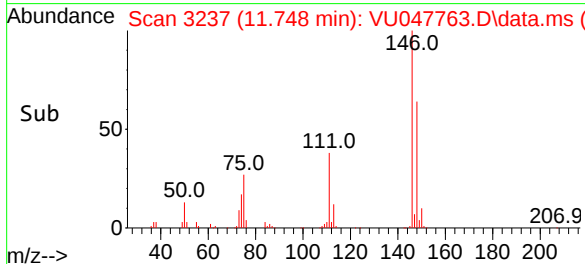
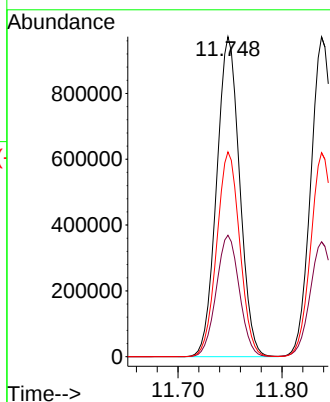
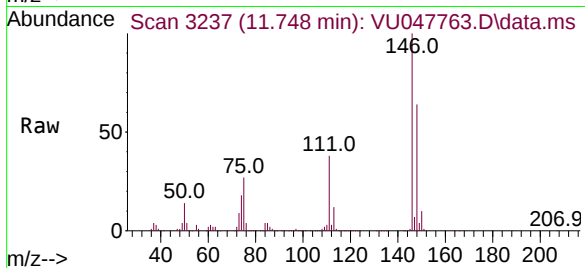
Tgt Ion:146 Resp: 1496469

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.5

148 64.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 144.479 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

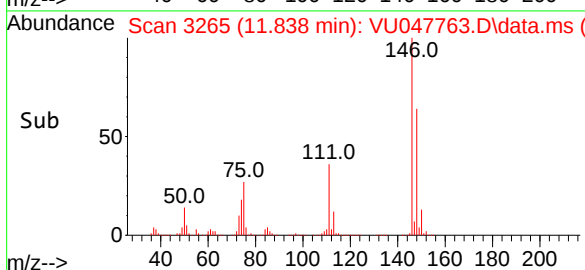
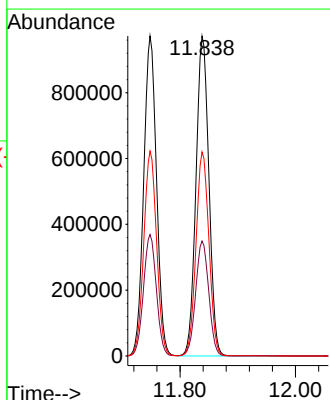
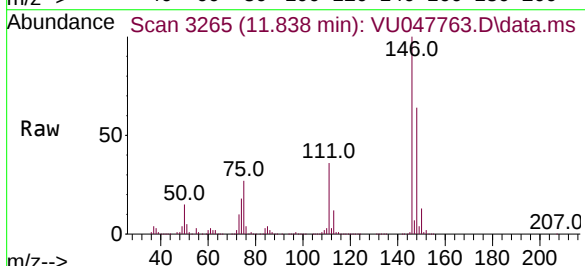
Tgt Ion:146 Resp: 1505723

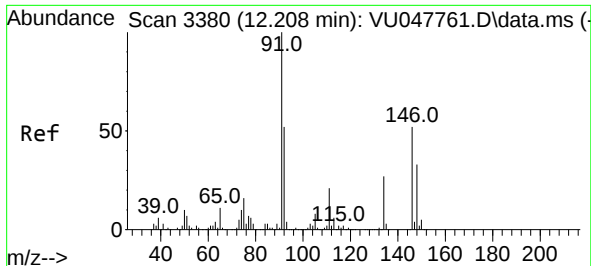
Ion Ratio Lower Upper

146 100

111 36.5 18.5 55.5

148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 134.200 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

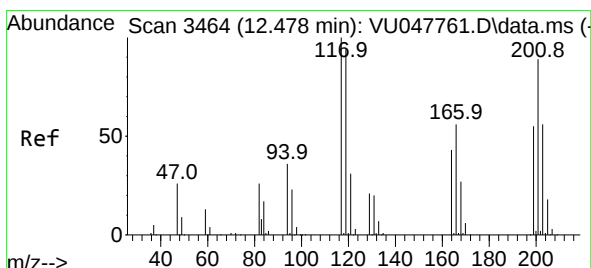
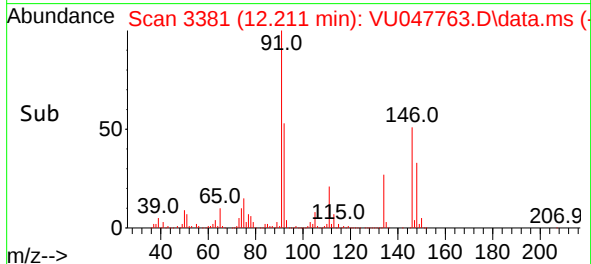
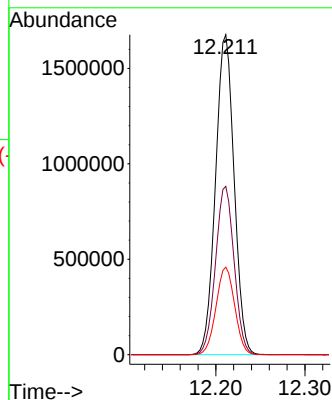
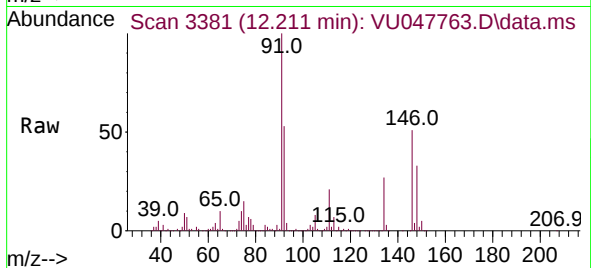
MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2432104

Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.6
134	27.5	13.5	40.4



#90

Hexachloroethane

Concen: 147.745 ug/l

RT: 12.478 min Scan# 3464

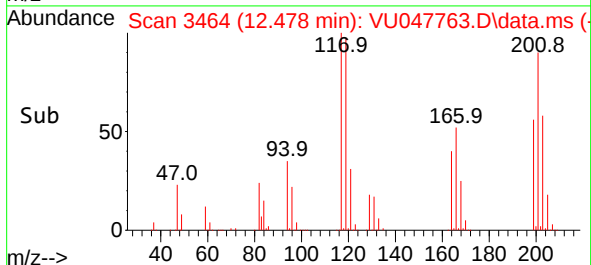
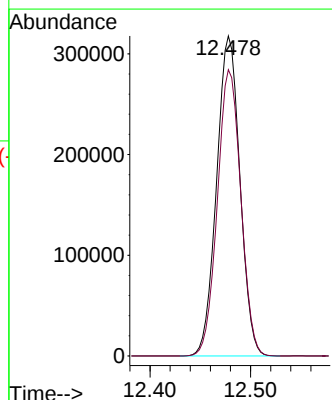
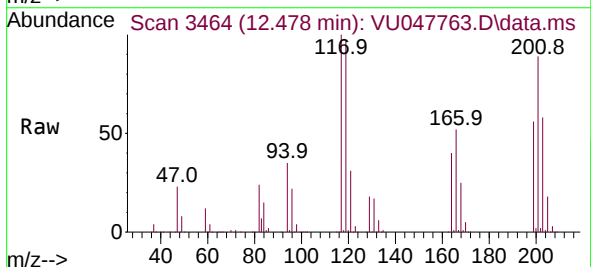
Delta R.T. 0.000 min

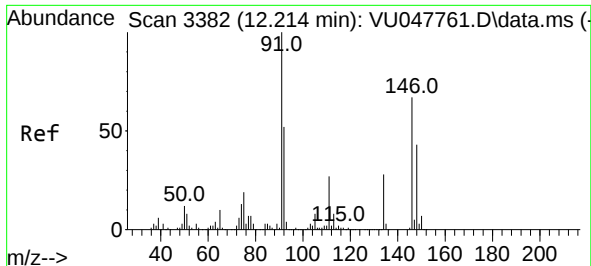
Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Tgt Ion: 117 Resp: 512009

Ion	Ratio	Lower	Upper
117	100		
201	89.9	44.6	134.0





#91

1,2-Dichlorobenzene

Concen: 146.683 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

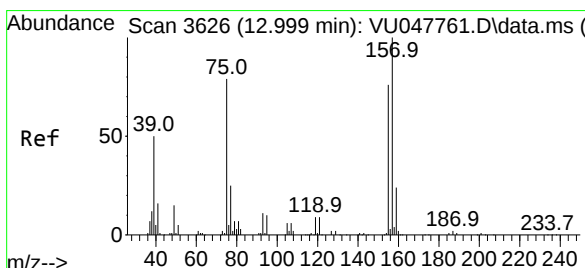
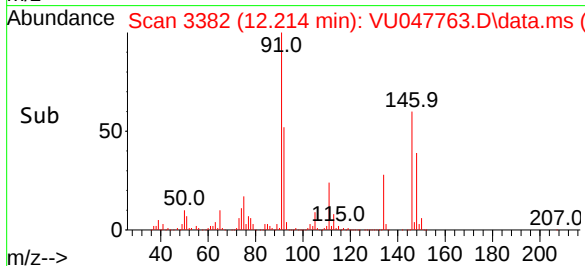
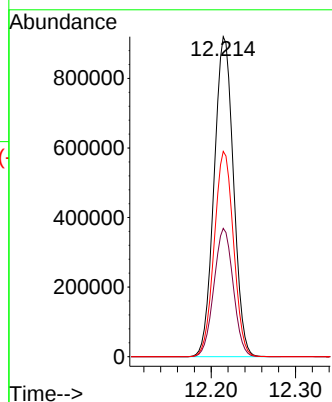
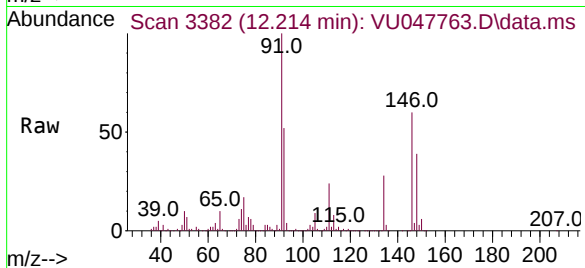
Tgt Ion:146 Resp: 1467877

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.6

148 64.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 149.273 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047763.D

Acq: 30 Mar 2022 15:36

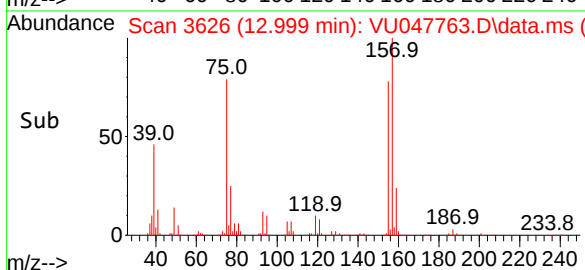
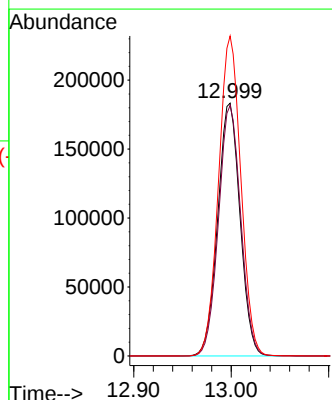
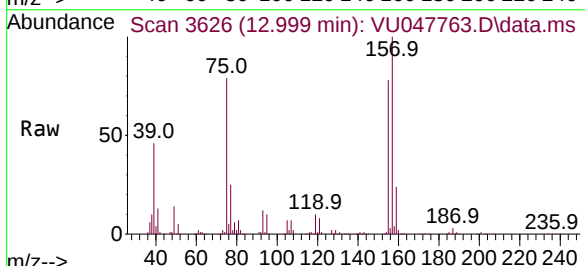
Tgt Ion: 75 Resp: 291360

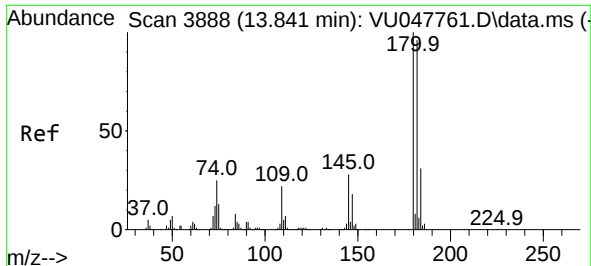
Ion Ratio Lower Upper

75 100

155 98.6 47.8 143.4

157 126.4 62.2 186.5

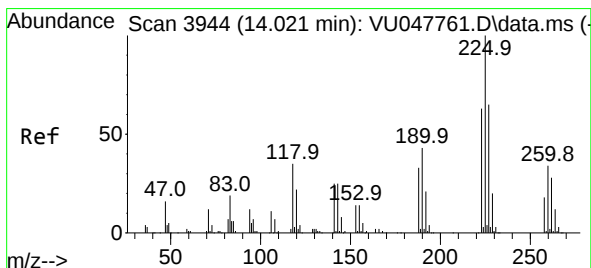
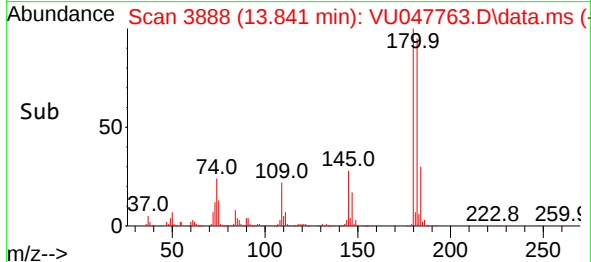
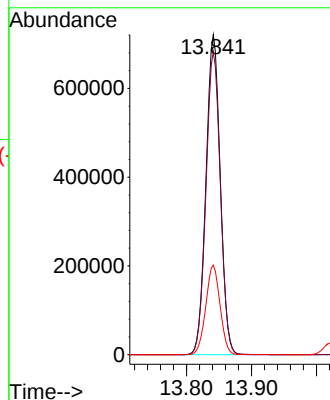
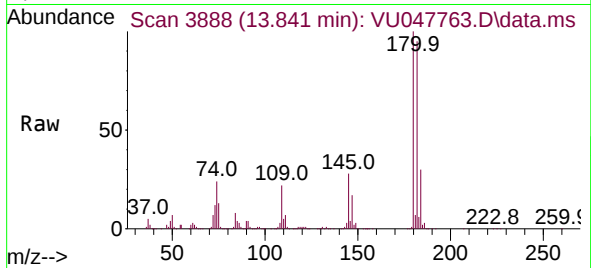




#93
1,2,4-Trichlorobenzene
Concen: 157.396 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

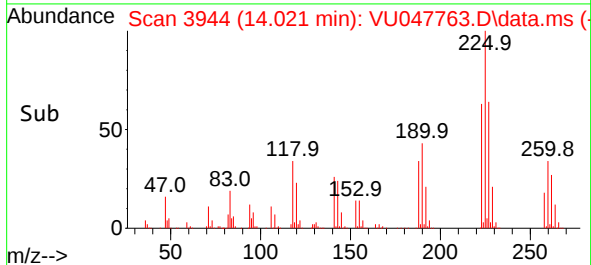
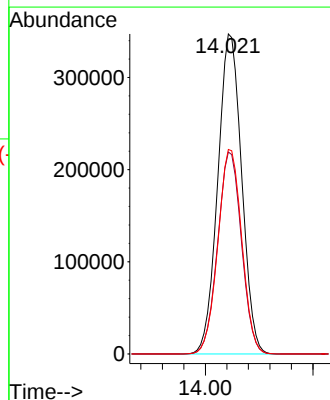
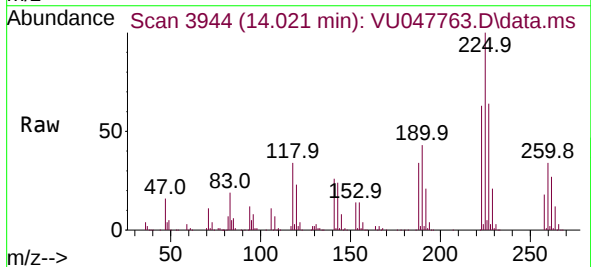
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

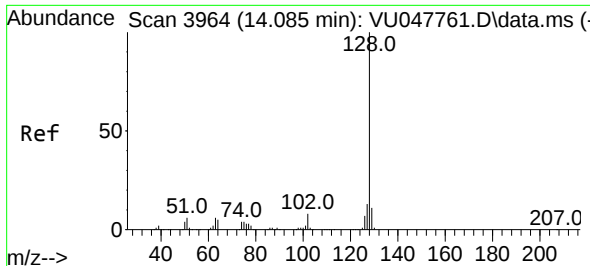
Tgt Ion:180 Resp: 1105875
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 27.9 14.0 41.9



#94
Hexachlorobutadiene
Concen: 170.650 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:225 Resp: 535178
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.9
227 63.8 32.0 96.2

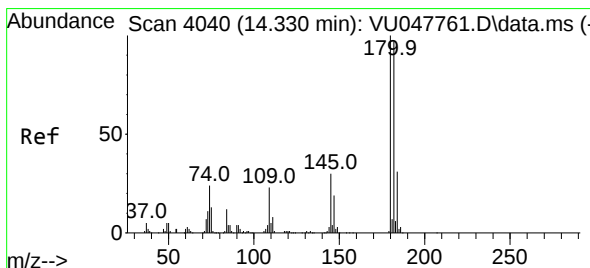
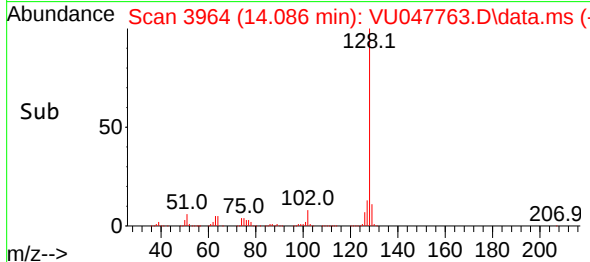
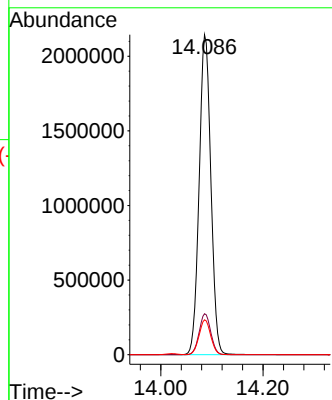
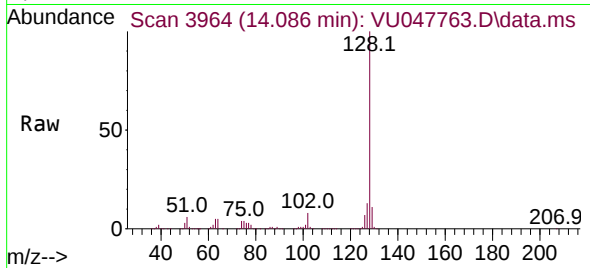




#95
Naphthalene
Concen: 145.282 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3400853
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 153.360 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047763.D
Acq: 30 Mar 2022 15:36

Tgt Ion:180 Resp: 1070785
Ion Ratio Lower Upper
180 100
182 96.1 48.4 145.0
145 29.3 14.8 44.4

