

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033022\
 Data File : VU047760.D
 Acq On : 30 Mar 2022 13:51
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 31 02:21:13 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	330645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	466844	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	456207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	271049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	76847	16.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	32.320%#
35) Dibromofluoromethane	5.295	113	66650	21.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.340%#
50) Toluene-d8	7.899	98	252397	21.279	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	42.560%#
62) 4-Bromofluorobenzene	10.632	95	90294	19.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	38.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55516	13.720	ug/l	100
3) Chloromethane	1.523	50	63894	13.684	ug/l	98
4) Vinyl Chloride	1.607	62	57259	12.702	ug/l	98
5) Bromomethane	1.864	94	39095	15.461	ug/l	96
6) Chloroethane	1.941	64	35345	11.936	ug/l	93
7) Trichlorofluoromethane	2.144	101	82911	13.694	ug/l	97
8) Diethyl Ether	2.382	74	33525	13.934	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.588	101	53282	14.902	ug/l	98
10) Methyl Iodide	2.729	142	32471	7.582	ug/l	99
11) Tert butyl alcohol	3.269	59	20679	20.804	ug/l #	50
12) 1,1-Dichloroethene	2.584	96	48434	13.812	ug/l	98
13) Acrolein	2.498	56	106164	865.600	ug/l	100
14) Allyl chloride	2.928	41	71804	11.823	ug/l	98
15) Acrylonitrile	3.327	53	211551	81.803	ug/l	99
16) Acetone	2.658	43	239832	94.405	ug/l	99
17) Carbon Disulfide	2.800	76	121407	12.536	ug/l	98
18) Methyl Acetate	2.964	43	81558	10.252	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	166163	13.291	ug/l	99
20) Methylene Chloride	3.051	84	59533	14.064	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	53952	14.814	ug/l	99
22) Diisopropyl ether	3.996	45	156631	13.034	ug/l	98
23) Vinyl Acetate	3.964	43	689081	73.163	ug/l	99
24) 1,1-Dichloroethane	3.877	63	98417	13.666	ug/l	99
25) 2-Butanone	4.723	43	311694	92.200	ug/l	99
26) 2,2-Dichloropropane	4.671	77	90092	15.020	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	66193	15.441	ug/l	99
28) Bromochloromethane	4.980	49	47892	14.073	ug/l	100
29) Tetrahydrofuran	5.067	42	190208	91.014	ug/l	99
30) Chloroform	5.092	83	112255	15.593	ug/l	100
31) Cyclohexane	5.391	56	87530	13.140	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	95718	15.672	ug/l	97
36) 1,1-Dichloropropene	5.530	75	81101	18.330	ug/l	99
37) Ethyl Acetate	4.809	43	113934	21.078	ug/l	95
38) Carbon Tetrachloride	5.530	117	86017	19.003	ug/l	99
39) Methylcyclohexane	6.764	83	84552	15.528	ug/l	98
40) Benzene	5.777	78	238027	18.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	52278	19.397	ug/l	97
42) 1,2-Dichloroethane	5.796	62	86467	18.213	ug/l	100
43) Isopropyl Acetate	5.915	43	133062	17.059	ug/l	98
44) Trichloroethene	6.546	130	64662	19.617	ug/l	97
45) 1,2-Dichloropropane	6.793	63	58501	16.673	ug/l	98
46) Dibromomethane	6.922	93	45761	18.461	ug/l	99
47) Bromodichloromethane	7.108	83	88982	19.050	ug/l	100
48) Methyl methacrylate	6.964	41	61305	16.944	ug/l	97
49) 1,4-Dioxane	7.066	88	40928	429.534	ug/l #	58
51) 4-Methyl-2-Pentanone	7.796	43	535652	100.442	ug/l	100
52) Toluene	7.970	92	157031	19.190	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	98235	18.396	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	102991	18.221	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	67983	19.771	ug/l	98
56) Ethyl methacrylate	8.337	69	95018	17.612	ug/l	99
57) 1,3-Dichloropropane	8.578	76	111236	18.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	38360	14.189	ug/l	97
59) 2-Hexanone	8.687	43	444582	105.080	ug/l	99
60) Dibromochloromethane	8.812	129	75477	20.764	ug/l	97
61) 1,2-Dibromoethane	8.925	107	73225	19.739	ug/l	99
64) Tetrachloroethene	8.555	164	59858	22.506	ug/l	99
65) Chlorobenzene	9.449	112	173128	19.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	62058	19.358	ug/l	99
67) Ethyl Benzene	9.571	91	274302	17.442	ug/l	99
68) m/p-Xylenes	9.693	106	219882	36.637	ug/l	99
69) o-Xylene	10.102	106	107094	18.313	ug/l	100
70) Styrene	10.115	104	178936	18.142	ug/l	99
71) Bromoform	10.291	173	65270	23.424	ug/l #	98
73) Isopropylbenzene	10.484	105	295544	17.051	ug/l	99
74) N-amyl acetate	10.324	43	115630	15.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	124094	17.851	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	143088	17.657	ug/l	99
77) Bromobenzene	10.783	156	85060	19.708	ug/l	98
78) n-propylbenzene	10.906	91	353290	16.503	ug/l	99
79) 2-Chlorotoluene	10.986	91	216130	17.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	253556	16.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	37800	16.604	ug/l	97
82) 4-Chlorotoluene	11.098	91	252578	16.990	ug/l	99
83) tert-Butylbenzene	11.423	119	250209	17.426	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	252417	17.066	ug/l	100
85) sec-Butylbenzene	11.645	105	312922	16.551	ug/l	99
86) p-Isopropyltoluene	11.793	119	267702	16.878	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	165221	19.084	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	168856	19.304	ug/l	98
89) n-Butylbenzene	12.208	91	246554	16.209	ug/l	100
90) Hexachloroethane	12.475	117	51626	17.750	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	164013	19.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30821	18.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	110778	18.786	ug/l	99
94) Hexachlorobutadiene	14.021	225	53014	20.141	ug/l	99
95) Naphthalene	14.085	128	332126	16.905	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	109318	18.654	ug/l	98

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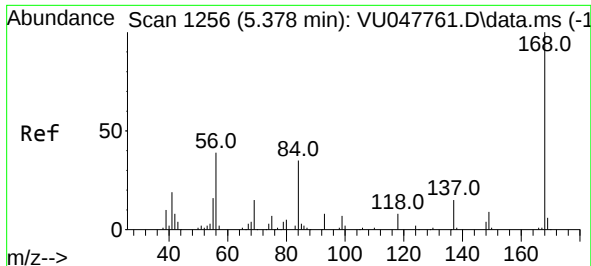
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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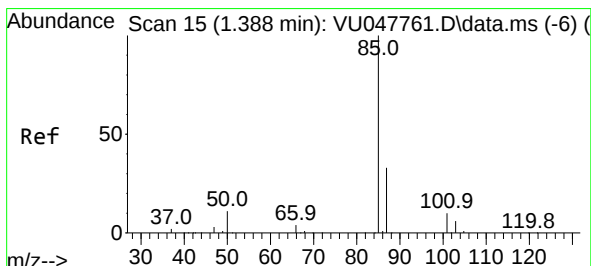
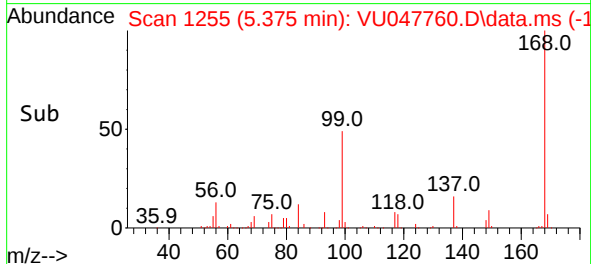
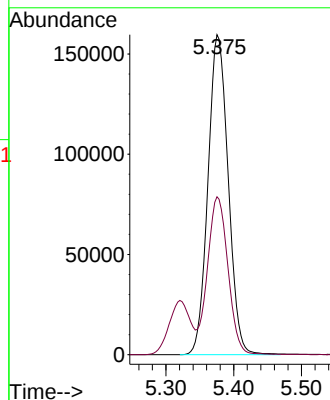
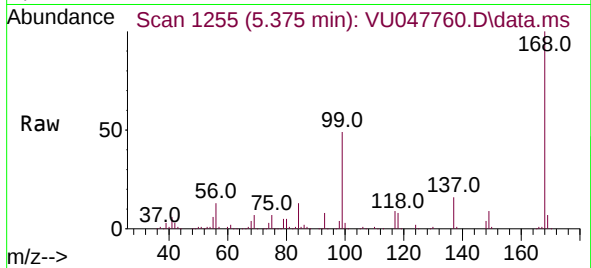




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.003 min
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Acq: 30 Mar 2022 13:51

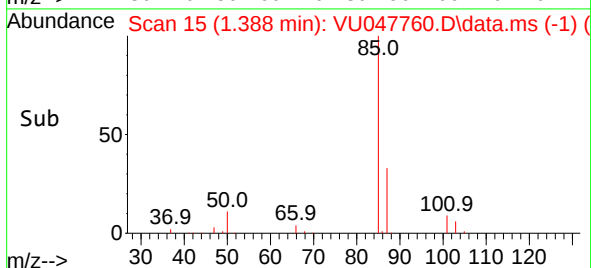
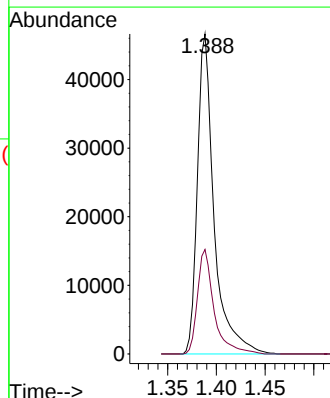
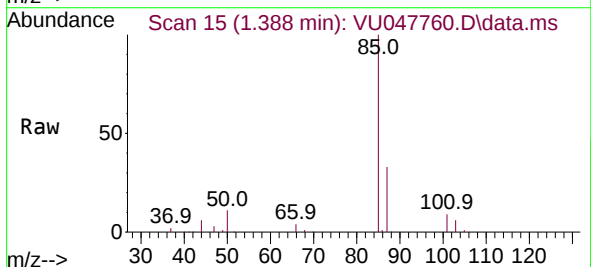
Instrument :
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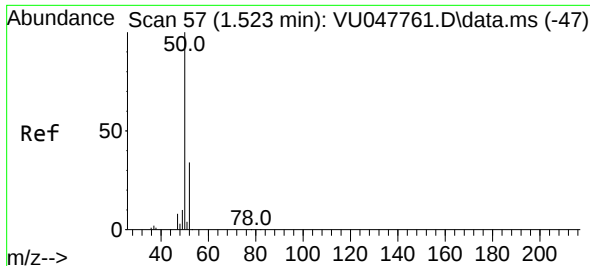
Tgt Ion:168 Resp: 330645
Ion Ratio Lower Upper
168 100
99 49.3 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 13.720 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 85 Resp: 55516
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2

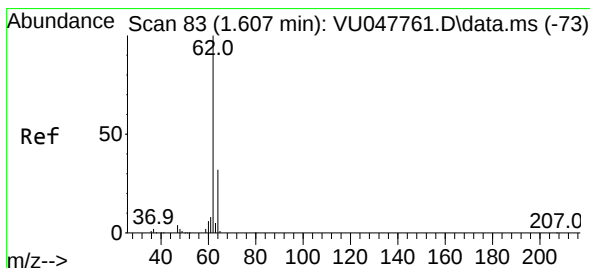
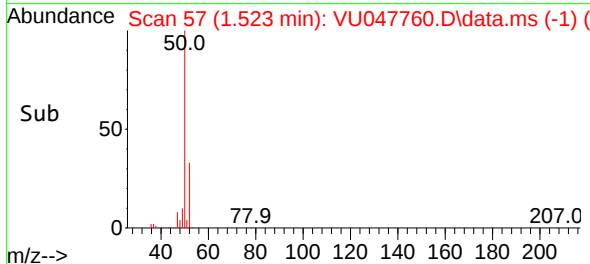
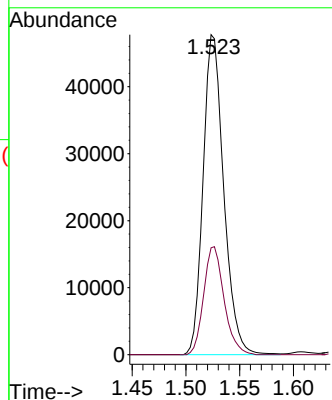
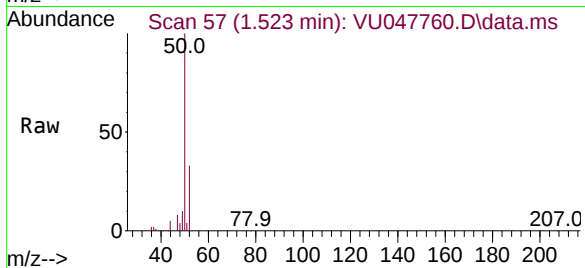




#3
Chloromethane
Concen: 13.684 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

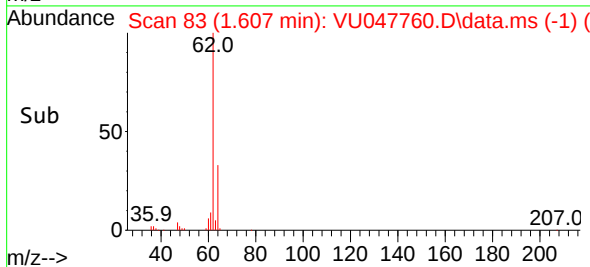
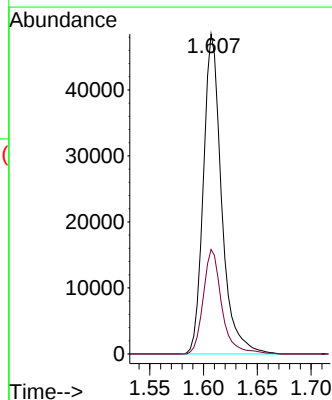
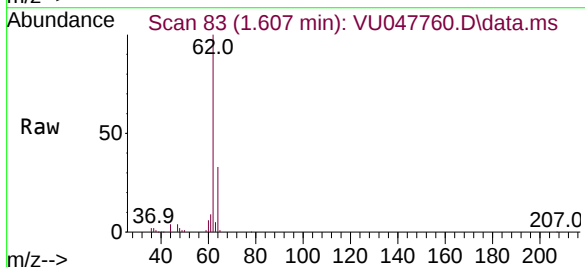
Instrument :
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ClientSampleId :
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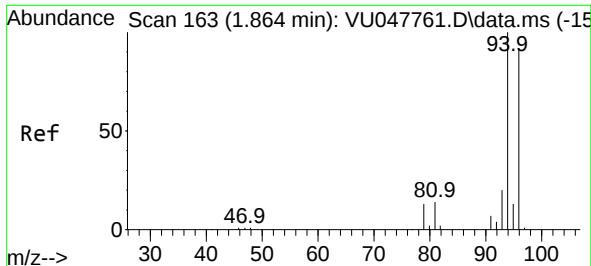
Tgt Ion: 50 Resp: 63894
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.2



#4
Vinyl Chloride
Concen: 12.702 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 62 Resp: 57259
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9

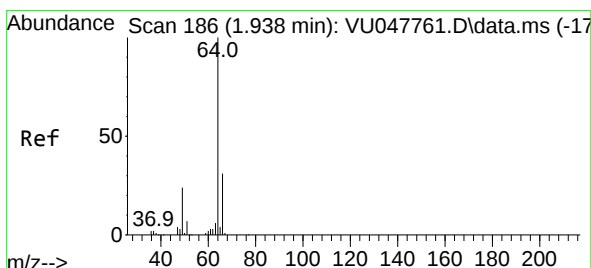
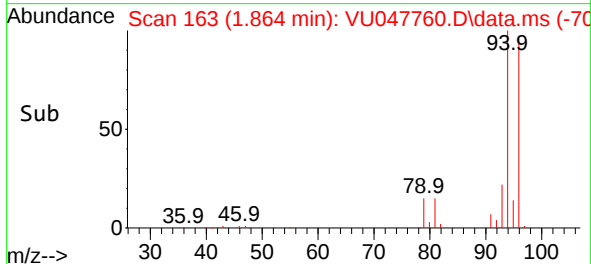
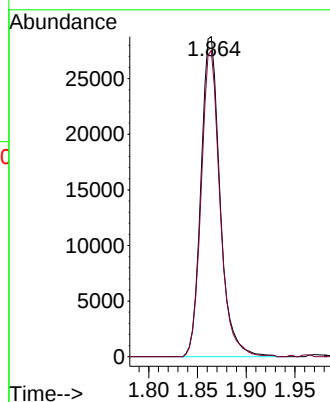
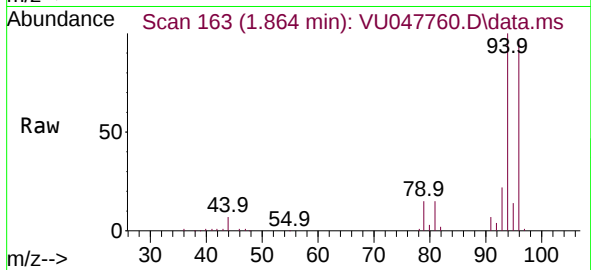




#5
Bromomethane
Concen: 15.461 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

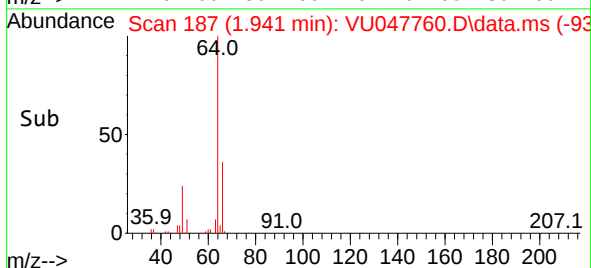
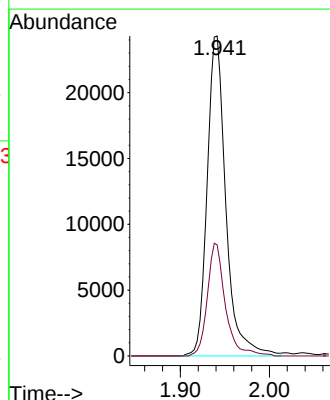
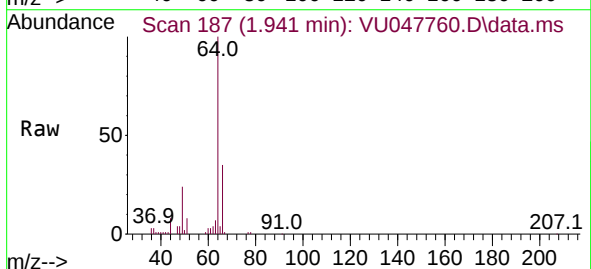
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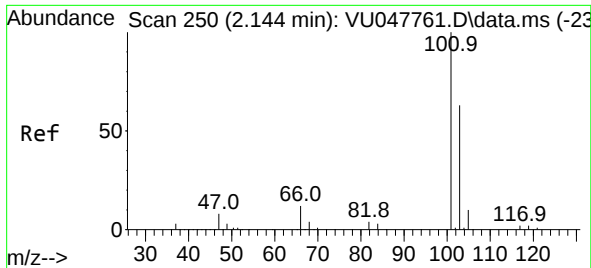
Tgt Ion: 94 Resp: 39095
Ion Ratio Lower Upper
94 100
96 95.7 73.7 110.5



#6
Chloroethane
Concen: 11.936 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 64 Resp: 35345
Ion Ratio Lower Upper
64 100
66 34.7 24.7 37.1

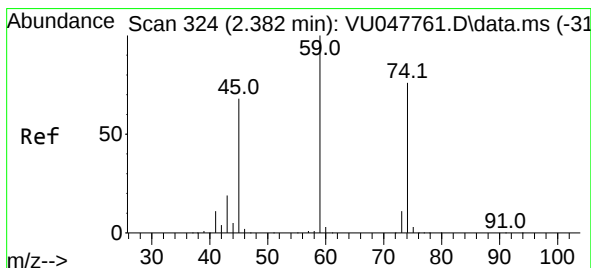
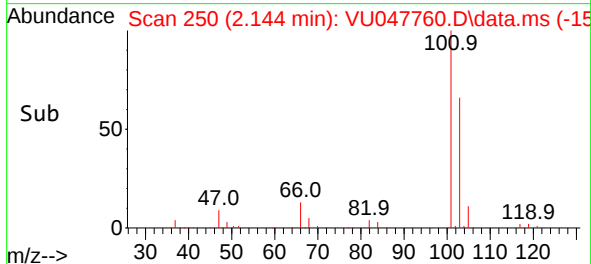
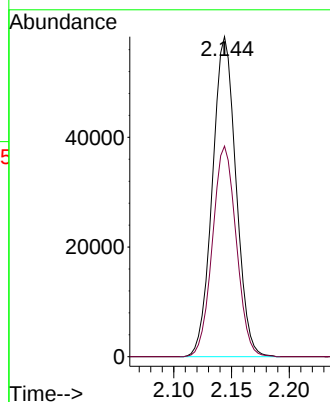
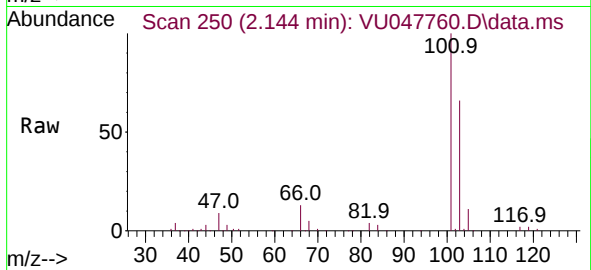




#7
 Trichlorofluoromethane
 Concen: 13.694 ug/l
 RT: 2.144 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

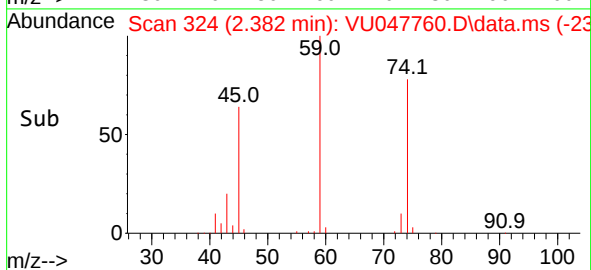
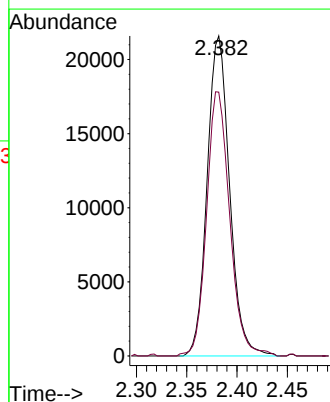
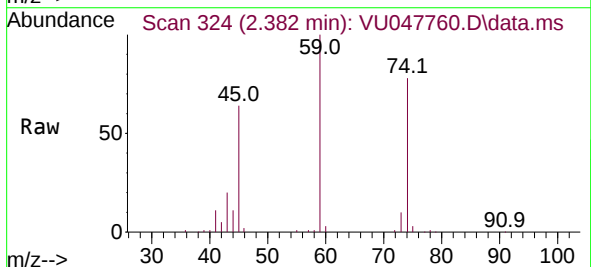
Instrument :
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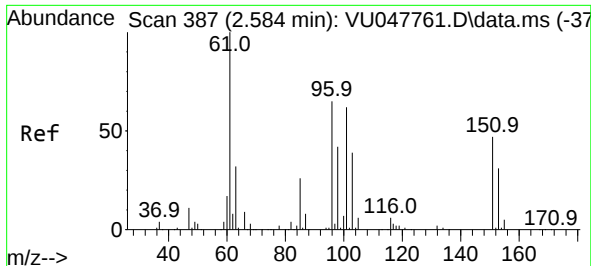
Tgt Ion:101 Resp: 82911
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.6 75.8



#8
 Diethyl Ether
 Concen: 13.934 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 33525
 Ion Ratio Lower Upper
 74 100
 45 85.2 44.4 133.2

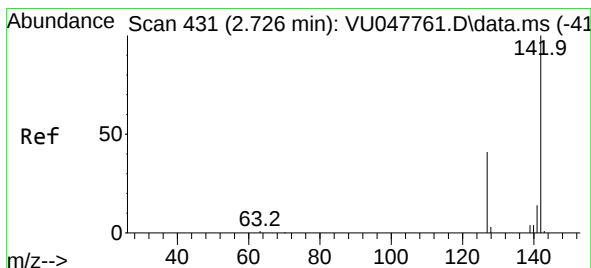
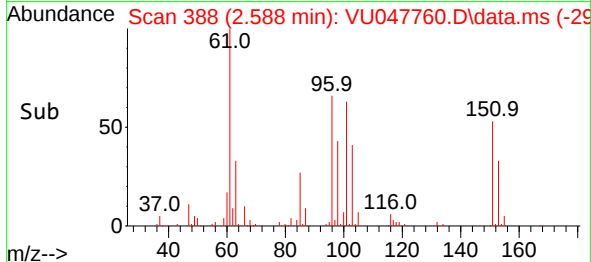
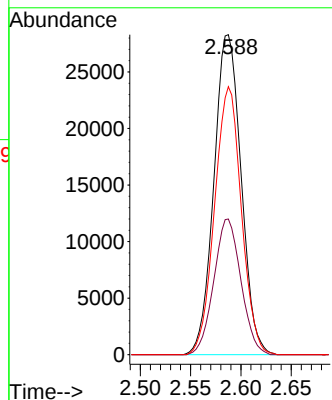
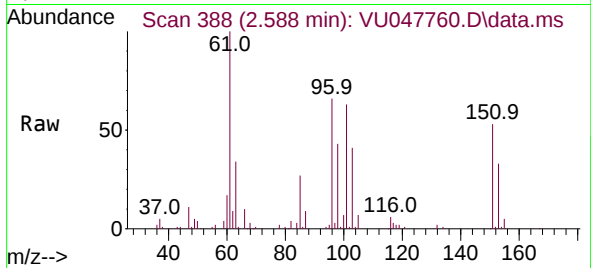




#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.902 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047760.D
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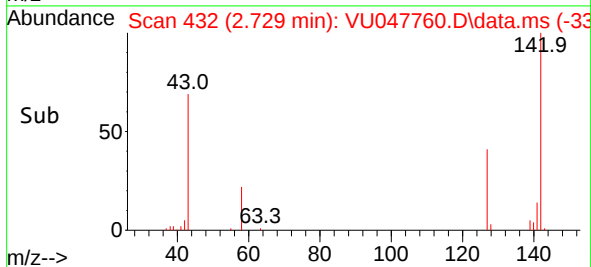
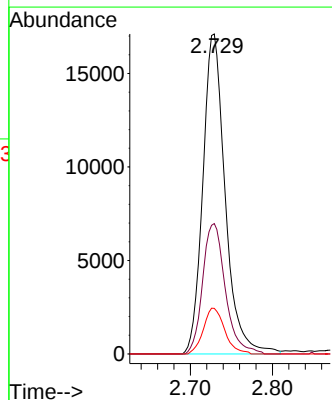
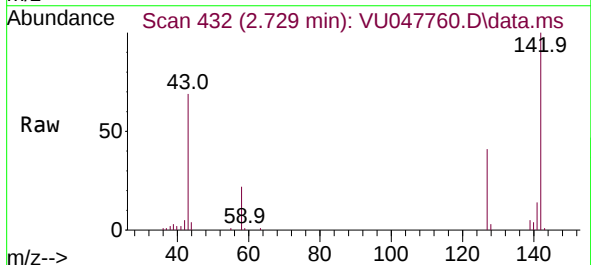
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

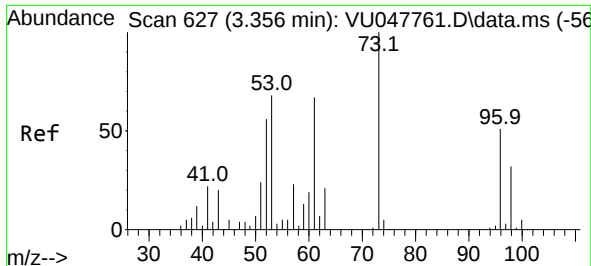
Tgt Ion:101 Resp: 53282
Ion Ratio Lower Upper
101 100
85 42.2 33.9 50.9
151 82.3 64.0 96.0



#10
Methyl Iodide
Concen: 7.582 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:142 Resp: 32471
Ion Ratio Lower Upper
142 100
127 41.3 32.5 48.7
141 13.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 20.804 ug/l

RT: 3.269 min Scan# 60

Delta R.T. -0.087 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

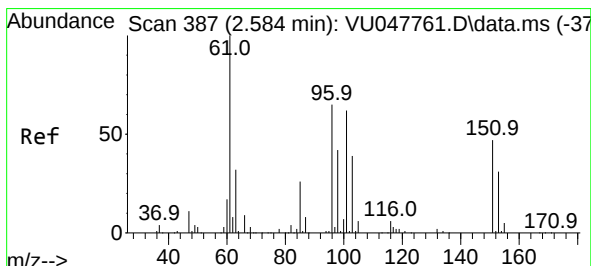
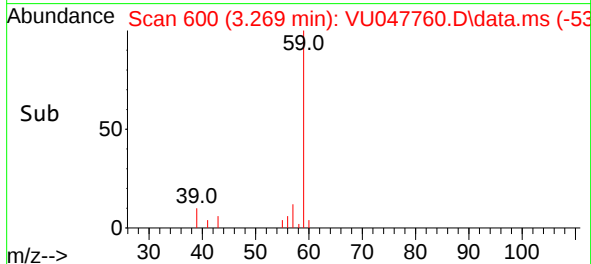
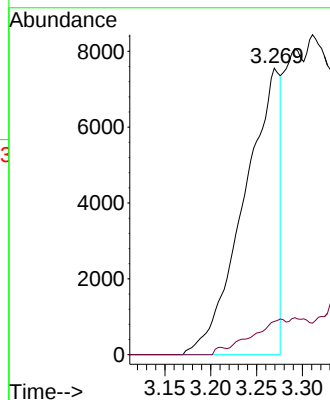
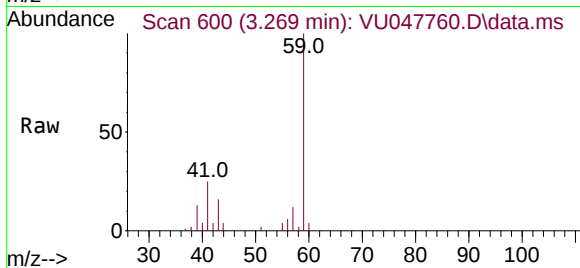
VSTDIC020

Tgt Ion: 59 Resp: 20679

Ion Ratio Lower Upper

59 100

57 8.1 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 13.812 ug/l

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

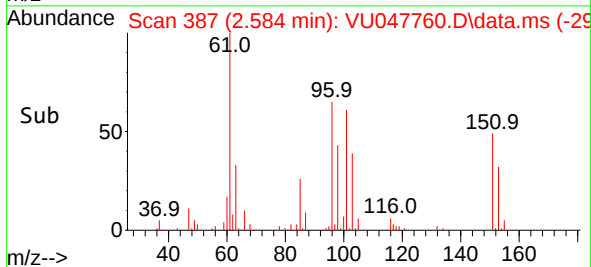
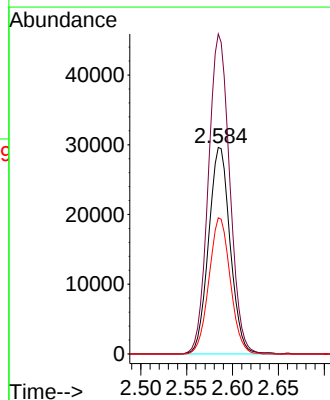
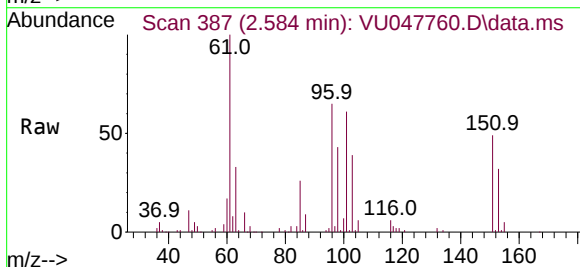
Tgt Ion: 96 Resp: 48434

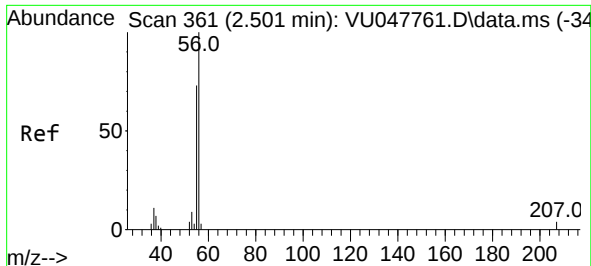
Ion Ratio Lower Upper

96 100

61 154.9 122.2 183.2

98 65.9 50.7 76.1

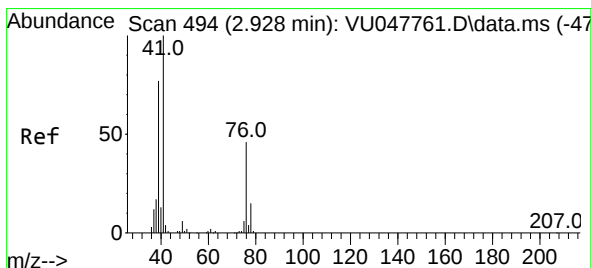
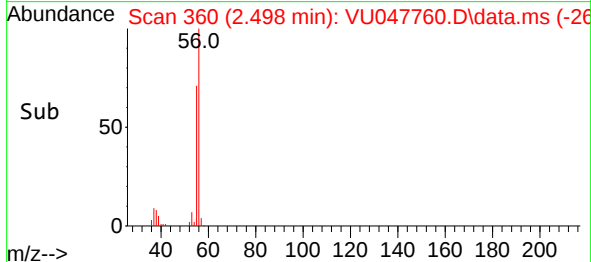
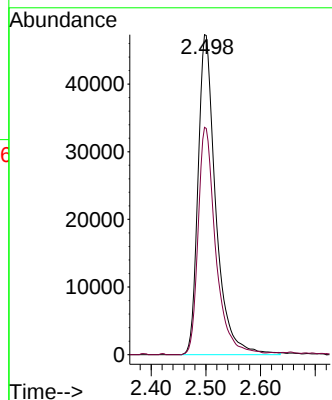
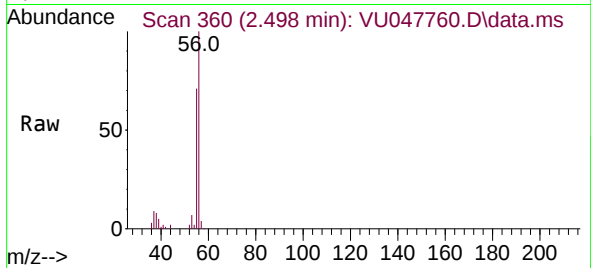




#13
Acrolein
Concen: 865.600 ug/l
RT: 2.498 min Scan# 361
Delta R.T. -0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

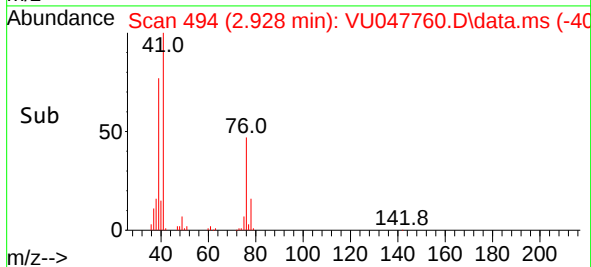
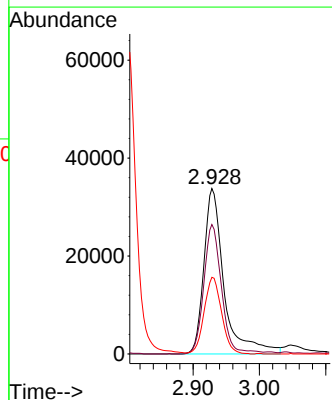
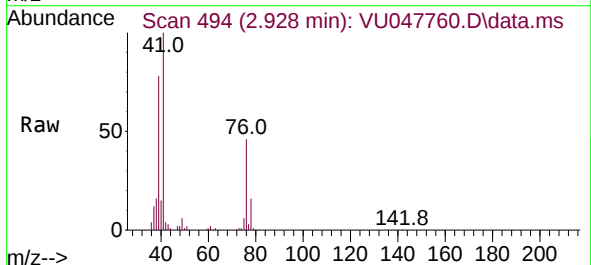
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

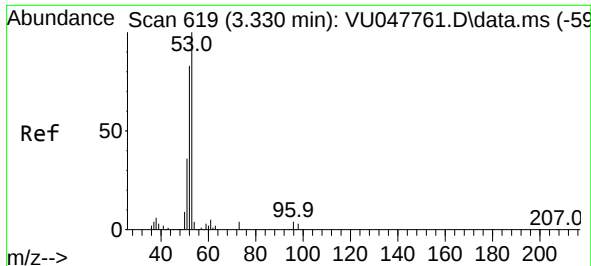
Tgt Ion: 56 Resp: 106164
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0



#14
Allyl chloride
Concen: 11.823 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 41 Resp: 71804
Ion Ratio Lower Upper
41 100
39 68.2 53.4 80.2
76 39.9 33.8 50.6

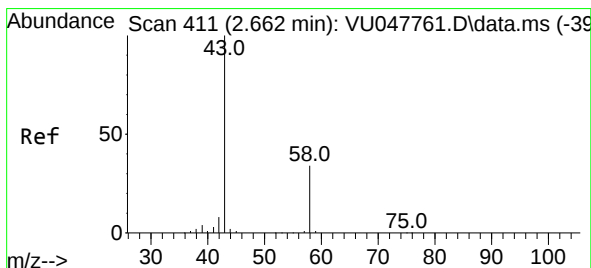
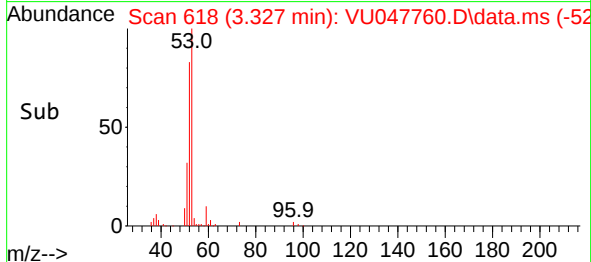
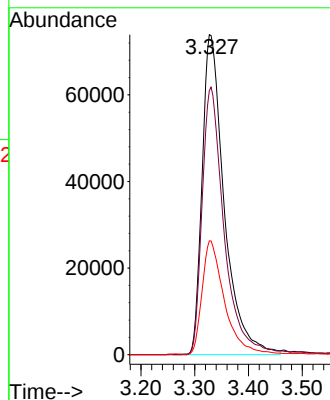
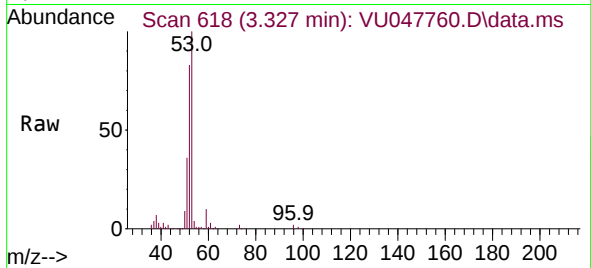




#15
Acrylonitrile
Concen: 81.803 ug/l
RT: 3.327 min Scan# 615
Delta R.T. -0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

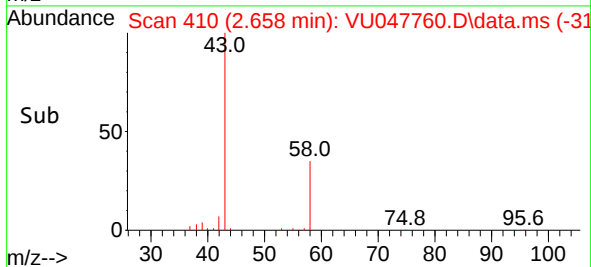
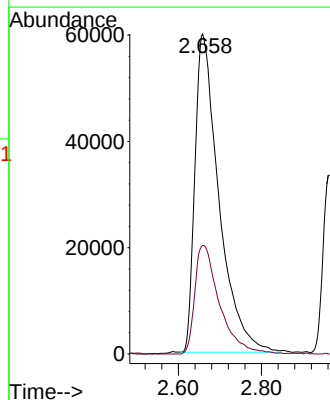
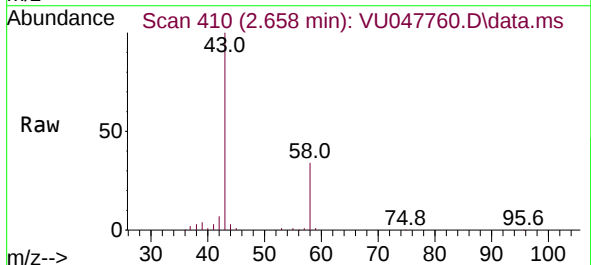
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

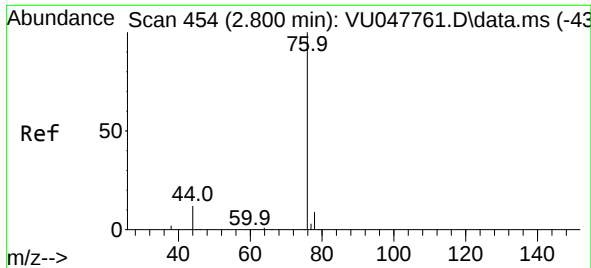
Tgt Ion: 53 Resp: 211551
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 36.1 28.2 42.4



#16
Acetone
Concen: 94.405 ug/l
RT: 2.658 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 43 Resp: 239832
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3

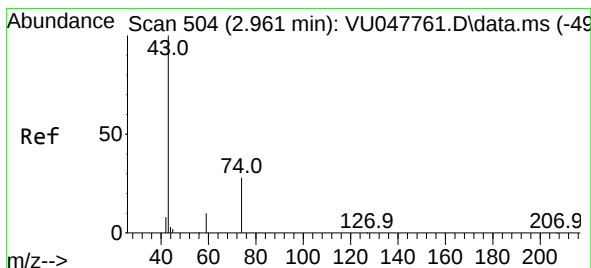
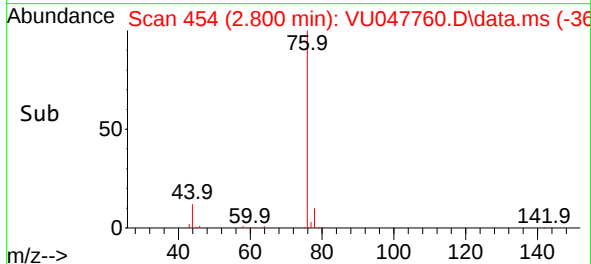
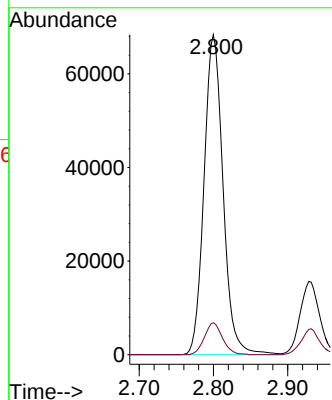
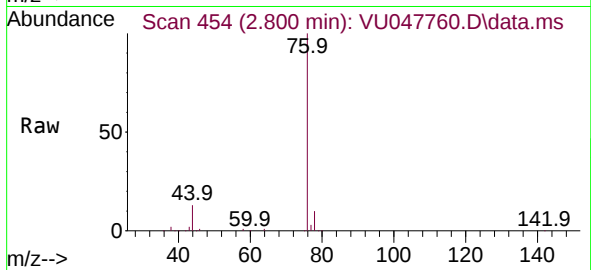




#17
Carbon Disulfide
Concen: 12.536 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

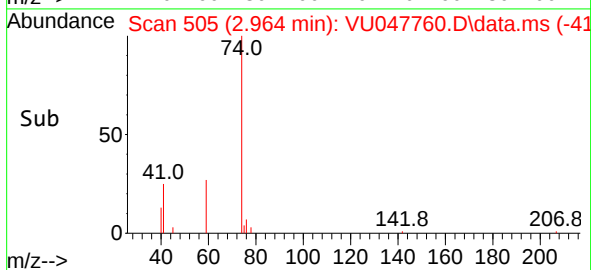
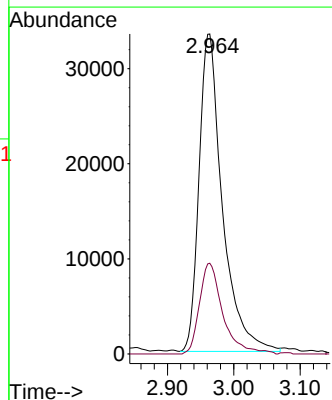
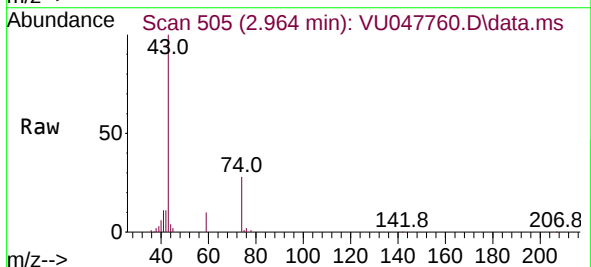
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

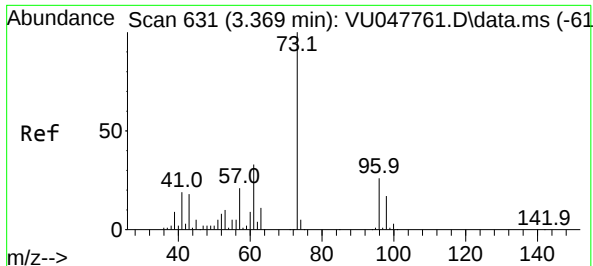
Tgt Ion: 76 Resp: 121407
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 10.252 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 43 Resp: 81558
Ion Ratio Lower Upper
43 100
74 28.6 22.5 33.7

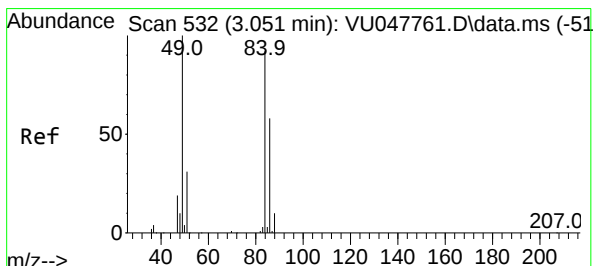
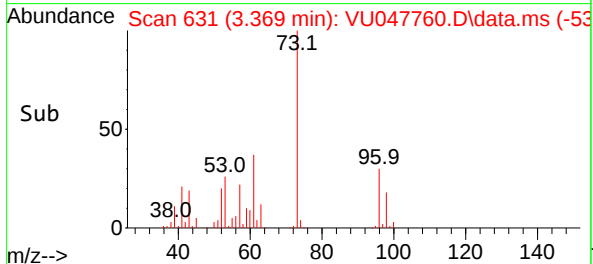
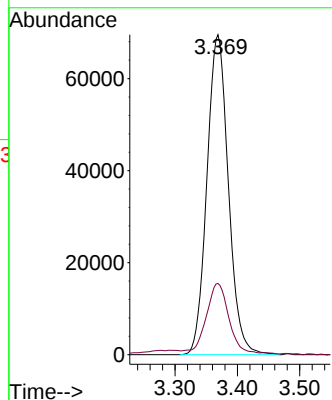
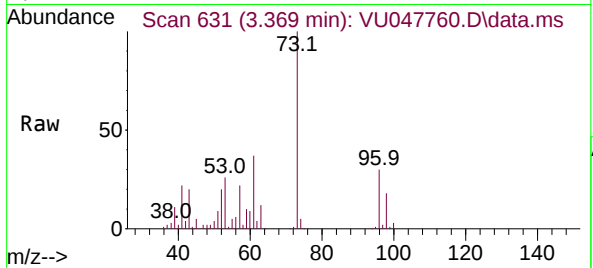




#19
Methyl tert-butyl Ether
Concen: 13.291 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

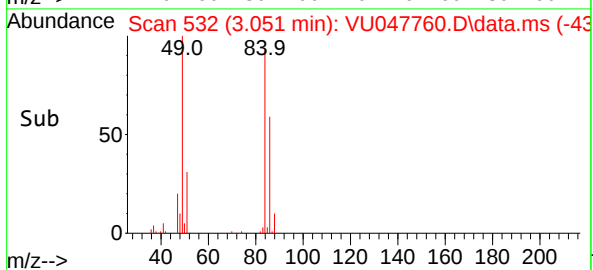
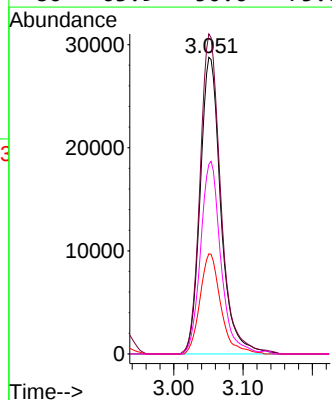
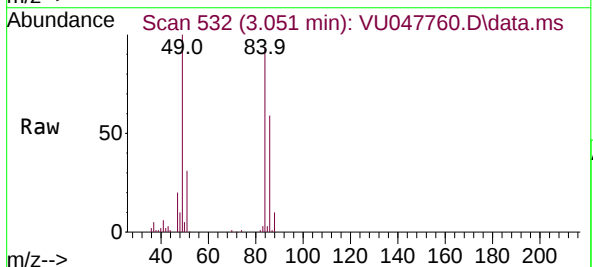
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

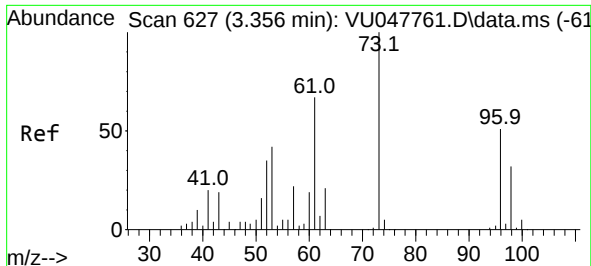
Tgt Ion: 73 Resp: 166163
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 14.064 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 84 Resp: 59533
Ion Ratio Lower Upper
84 100
49 107.9 86.6 129.8
51 33.8 26.6 40.0
86 63.9 50.6 75.8

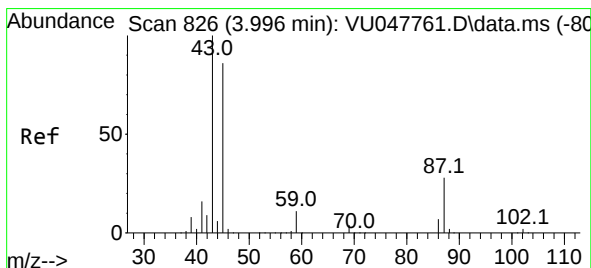
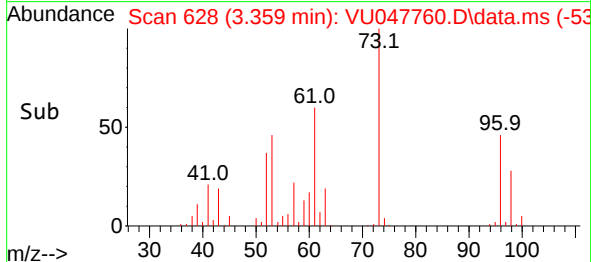
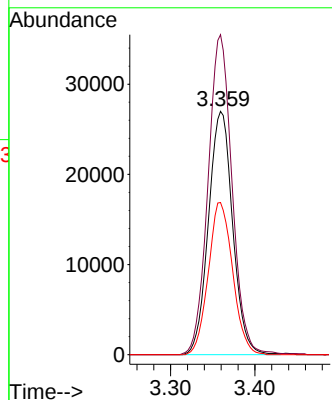
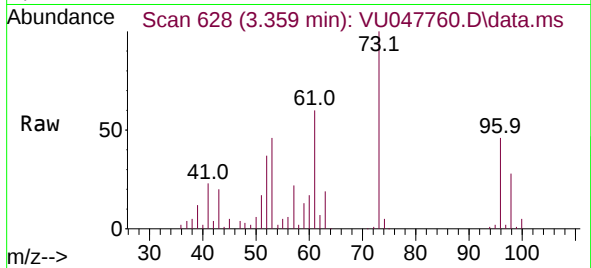




#21
trans-1,2-Dichloroethene
Concen: 14.814 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

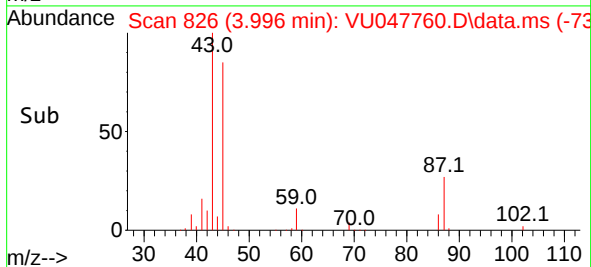
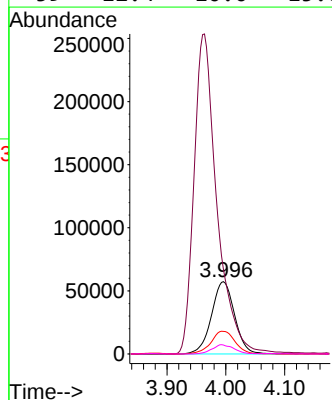
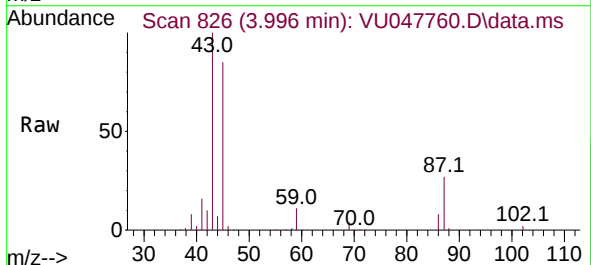
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

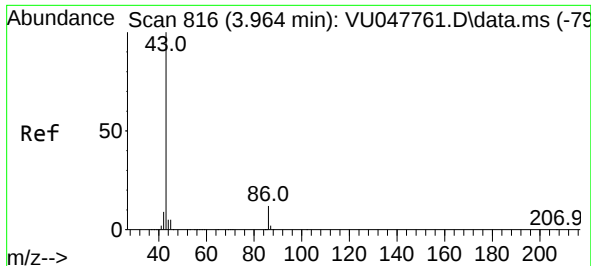
Tgt Ion: 96 Resp: 53952
Ion Ratio Lower Upper
96 100
61 131.5 106.1 159.1
98 62.5 50.8 76.2



#22
Diisopropyl ether
Concen: 13.034 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 45 Resp: 156631
Ion Ratio Lower Upper
45 100
43 114.6 92.9 139.3
87 31.2 26.2 39.2
59 12.4 10.0 15.0

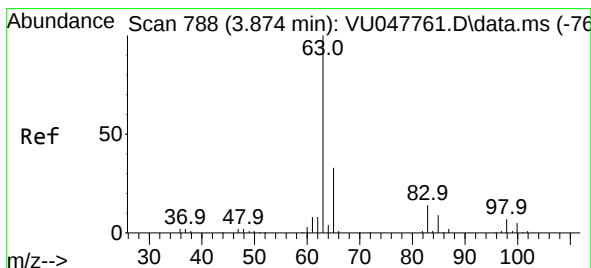
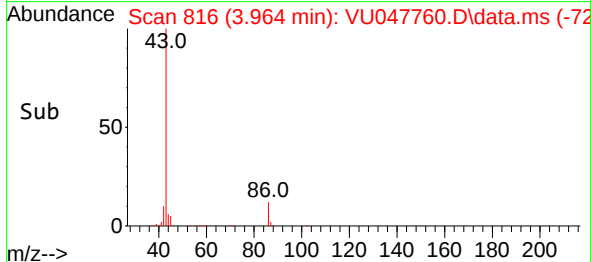
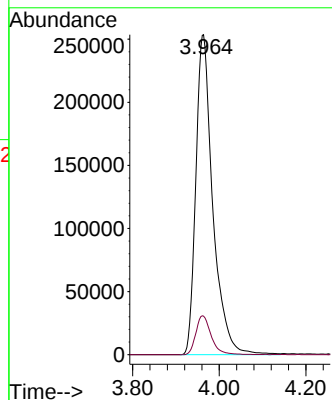
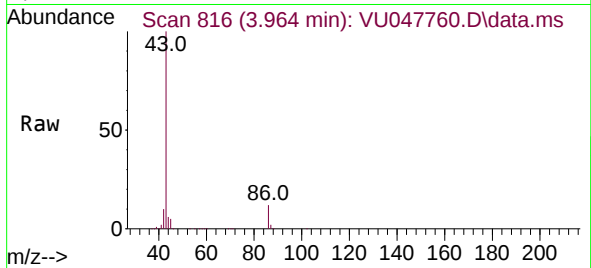




#23
 Vinyl Acetate
 Concen: 73.163 ug/l
 RT: 3.964 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

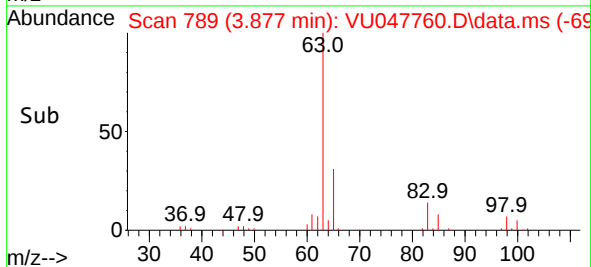
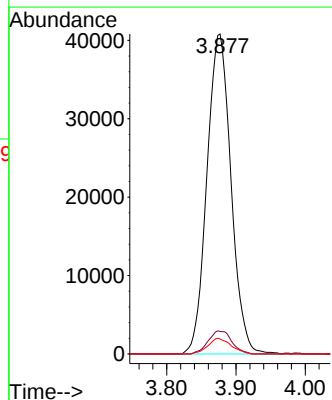
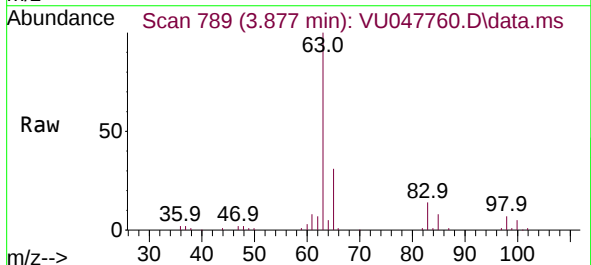
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

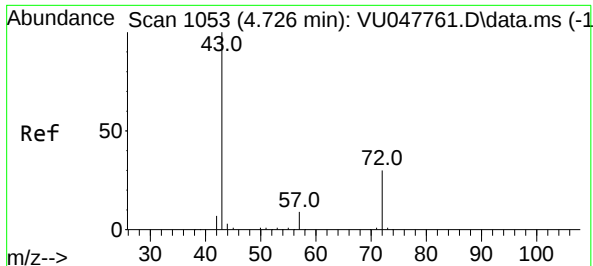
Tgt Ion: 43 Resp: 689081
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 13.666 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

Tgt Ion: 63 Resp: 98417
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 92.200 ug/l

RT: 4.723 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

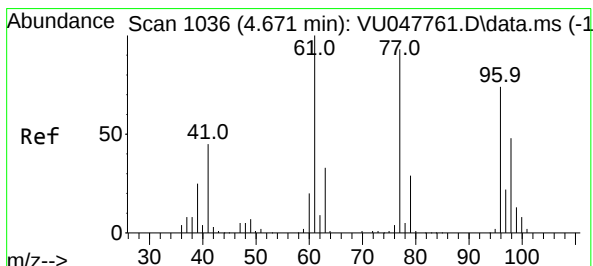
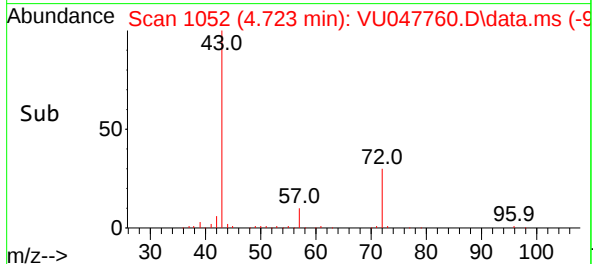
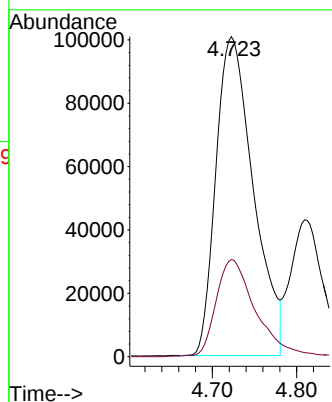
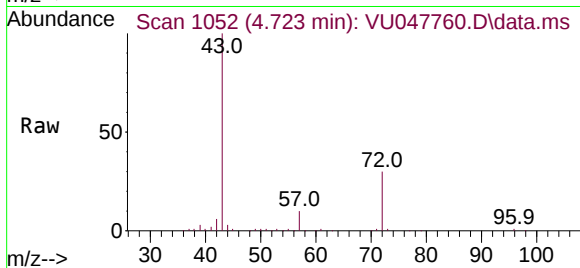
VSTDICC020

Tgt Ion: 43 Resp: 311694

Ion Ratio Lower Upper

43 100

72 30.2 23.8 35.6



#26

2,2-Dichloropropane

Concen: 15.020 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047760.D

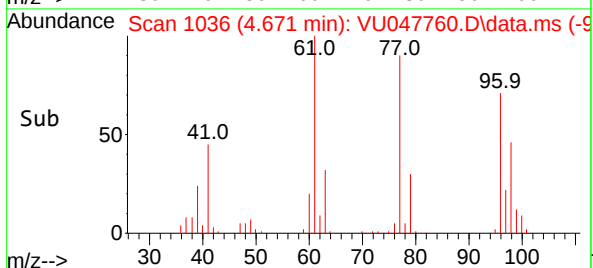
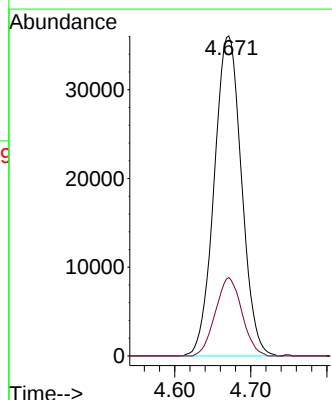
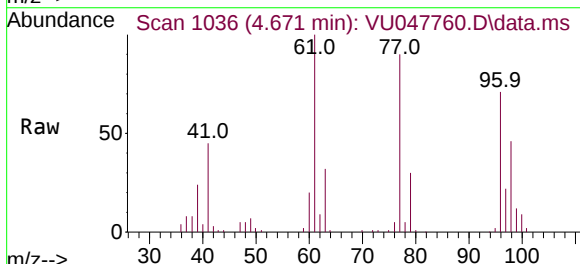
Acq: 30 Mar 2022 13:51

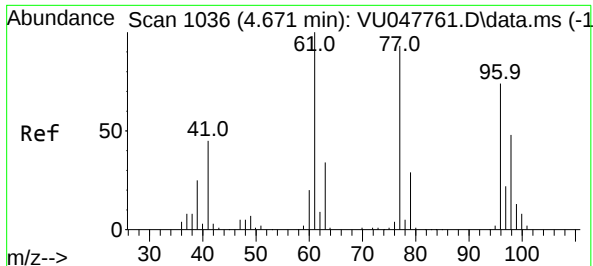
Tgt Ion: 77 Resp: 90092

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 15.441 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

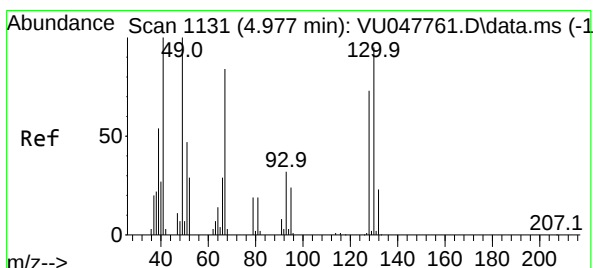
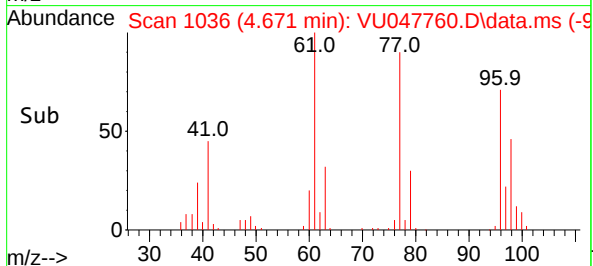
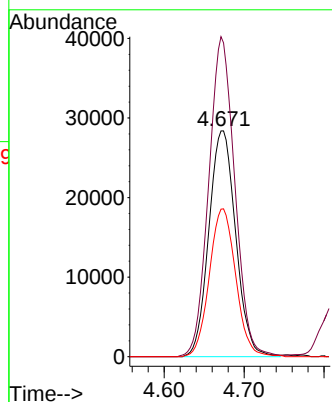
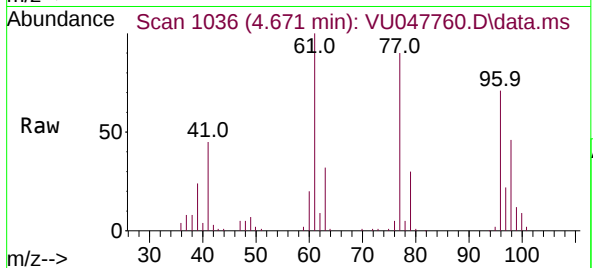
Tgt Ion: 96 Resp: 66193

Ion Ratio Lower Upper

96 100

61 137.6 0.0 271.6

98 64.4 0.0 128.2



#28

Bromochloromethane

Concen: 14.073 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

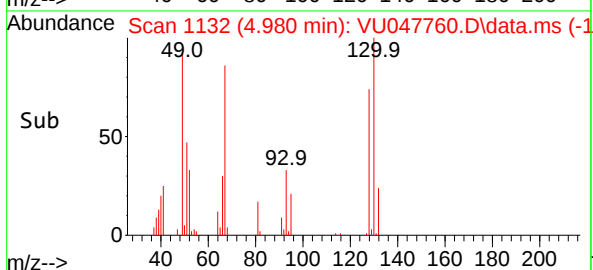
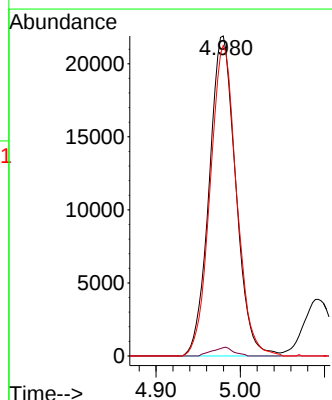
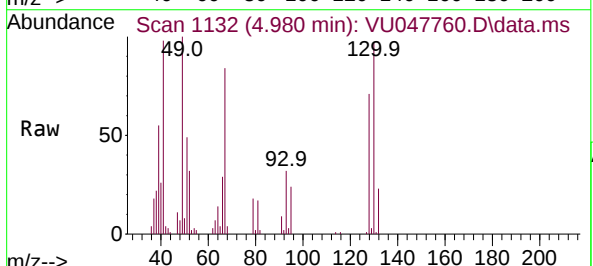
Tgt Ion: 49 Resp: 47892

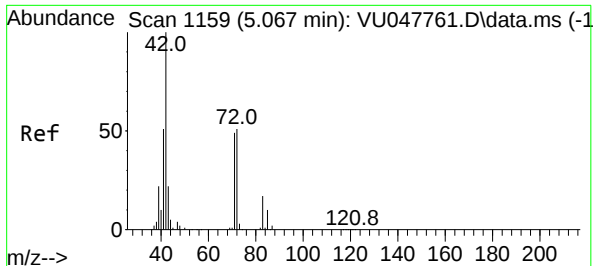
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 96.3 76.9 115.3

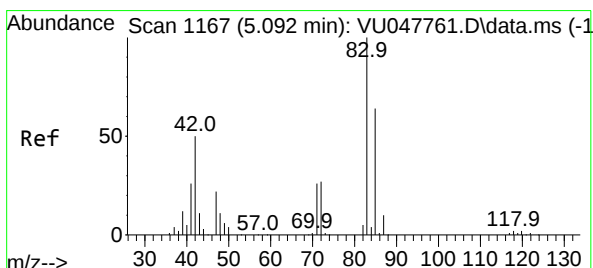
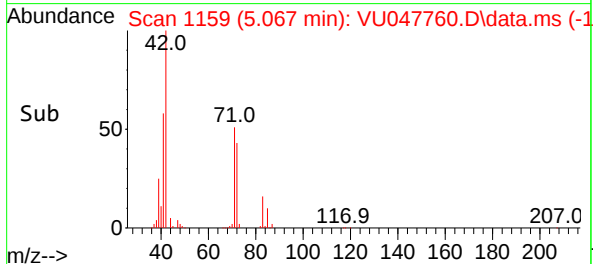
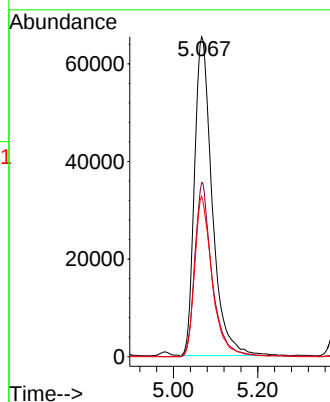
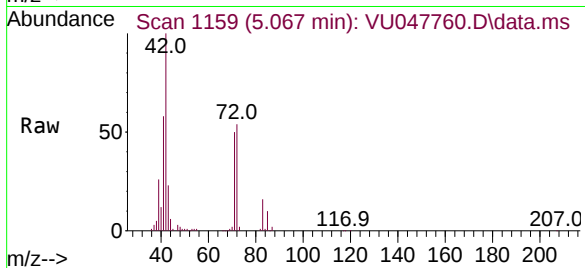




#29
Tetrahydrofuran
Concen: 91.014 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

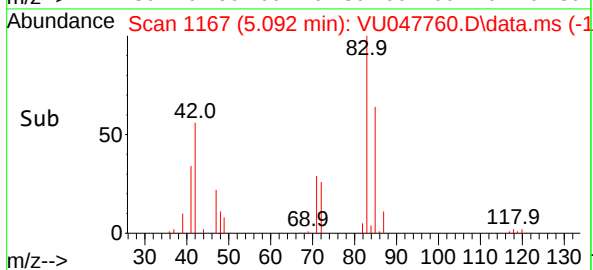
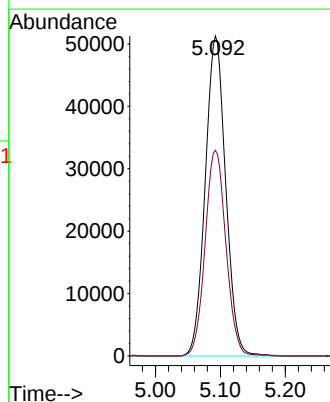
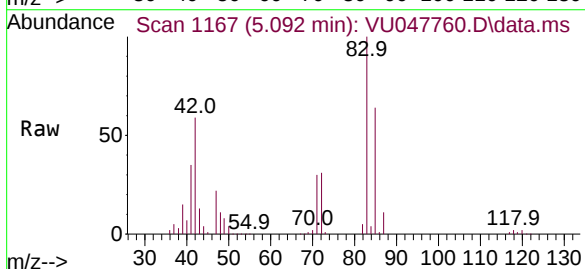
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

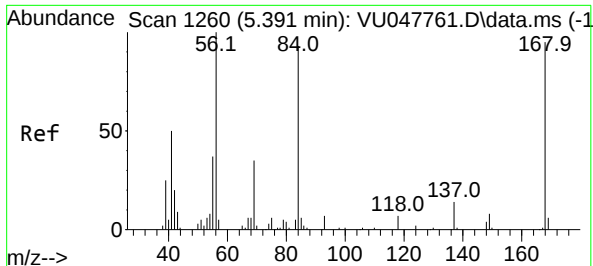
Tgt Ion: 42 Resp: 190208
Ion Ratio Lower Upper
42 100
72 53.3 42.6 63.8
71 49.5 40.3 60.5



#30
Chloroform
Concen: 15.593 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 83 Resp: 112255
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8

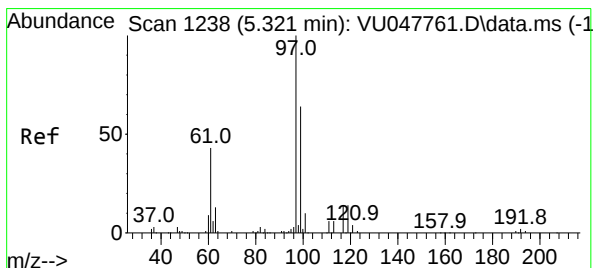
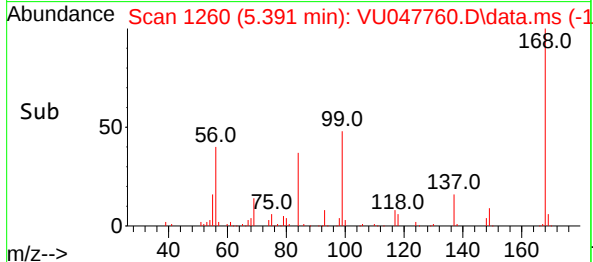
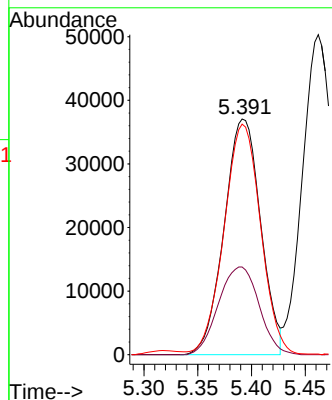
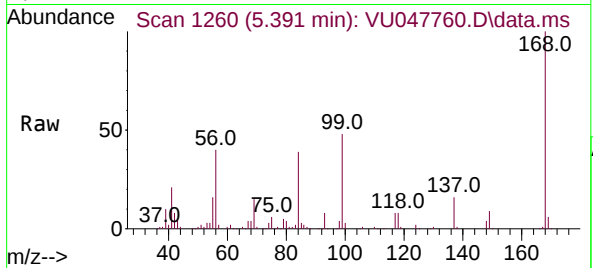




#31
Cyclohexane
Concen: 13.140 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

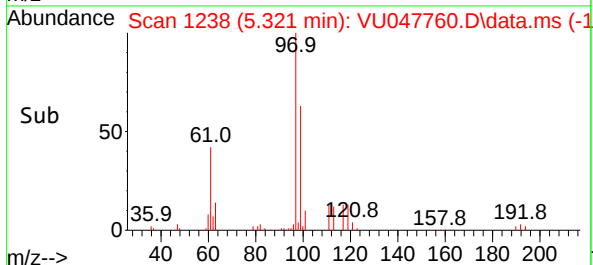
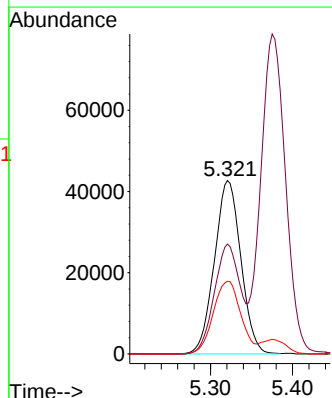
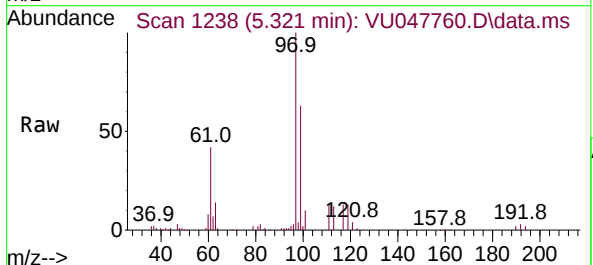
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

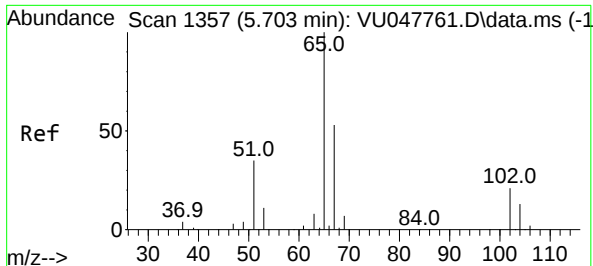
Tgt Ion: 56 Resp: 87530
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.8
84 96.5 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 15.672 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 97 Resp: 95718
Ion Ratio Lower Upper
97 100
99 61.0 51.8 77.6
61 43.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 16.164 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

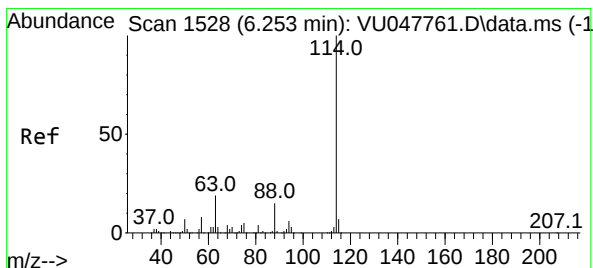
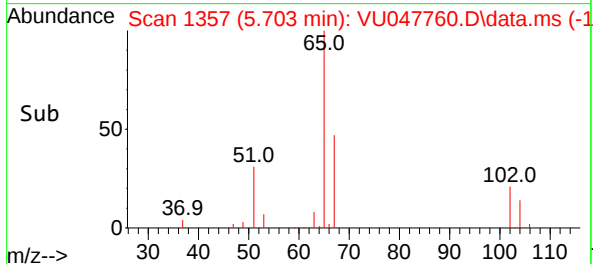
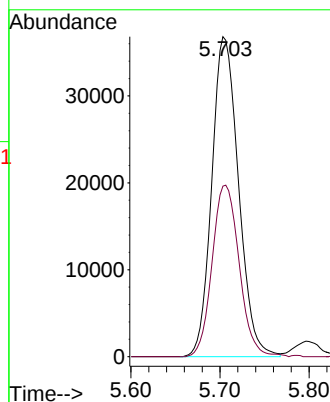
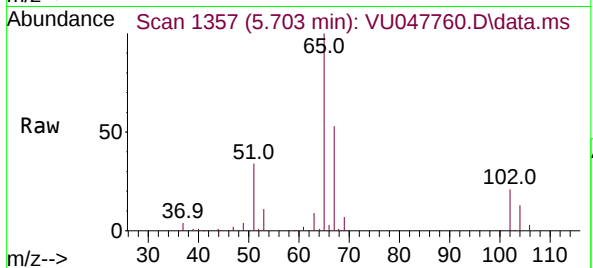
VSTDIC020

Tgt Ion: 65 Resp: 76847

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

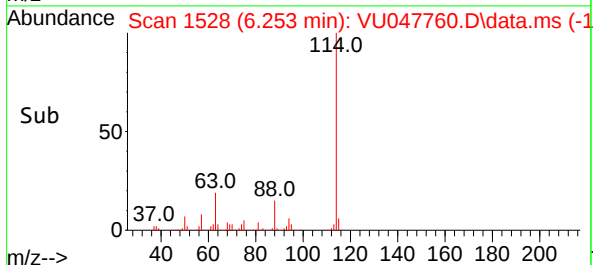
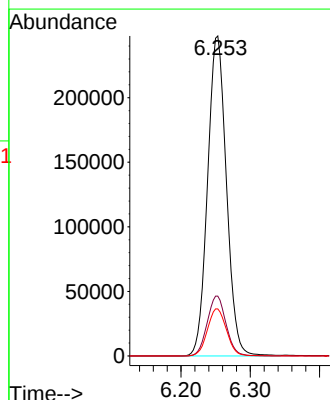
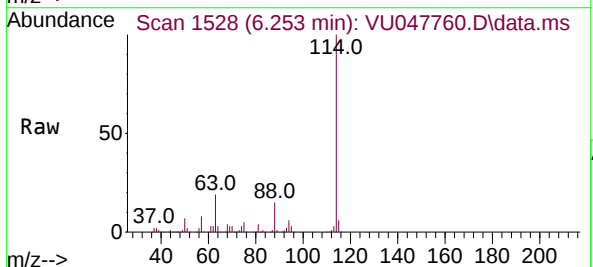
Tgt Ion: 114 Resp: 466844

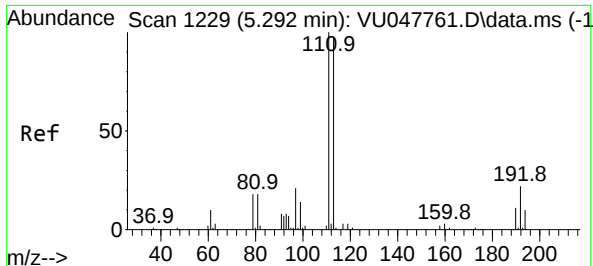
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

88 14.7 0.0 29.2

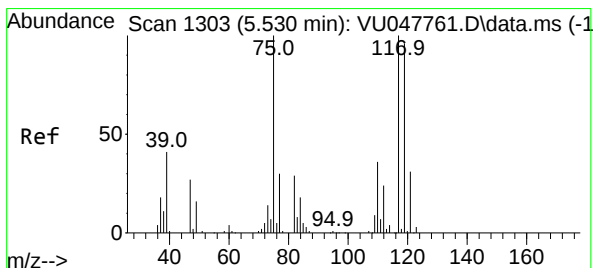
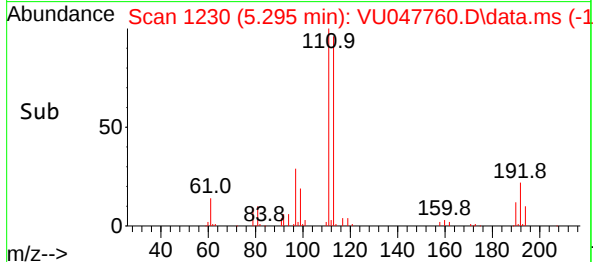
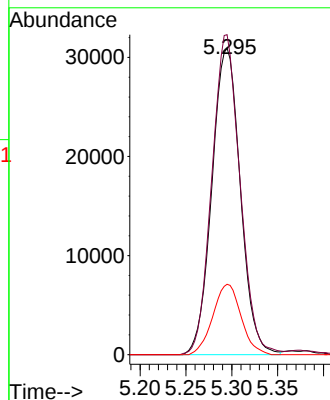
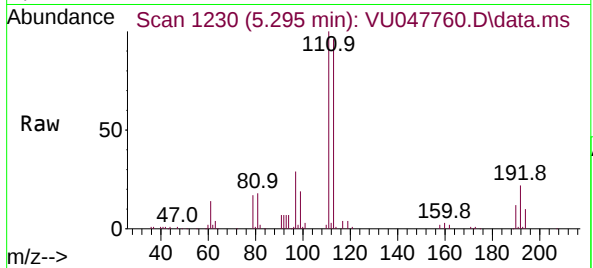




#35
Dibromofluoromethane
Concen: 21.166 ug/l
RT: 5.295 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

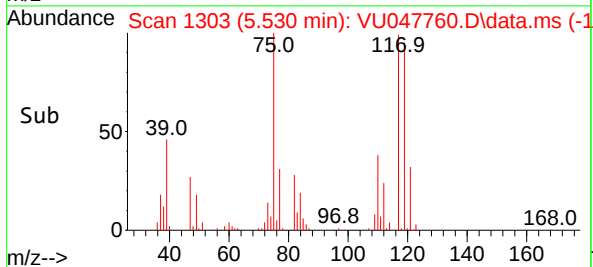
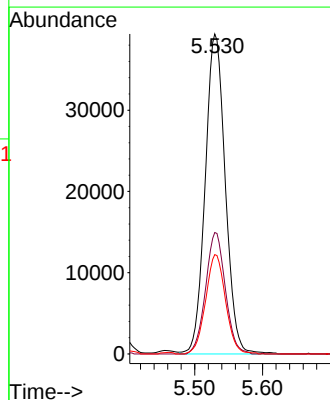
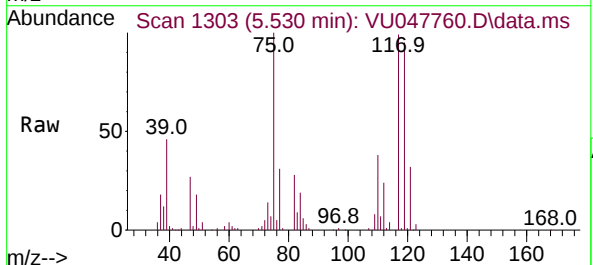
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

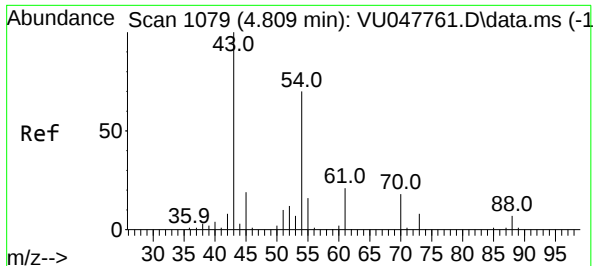
Tgt Ion:113 Resp: 66650
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 18.330 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 75 Resp: 81101
Ion Ratio Lower Upper
75 100
110 37.3 18.4 55.2
77 30.9 25.1 37.7

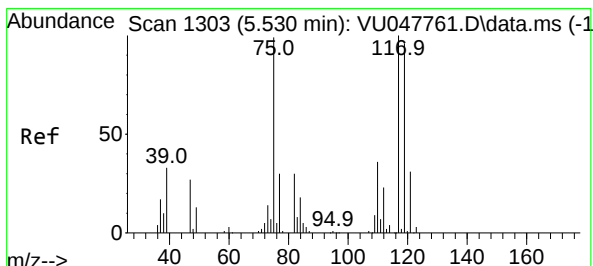
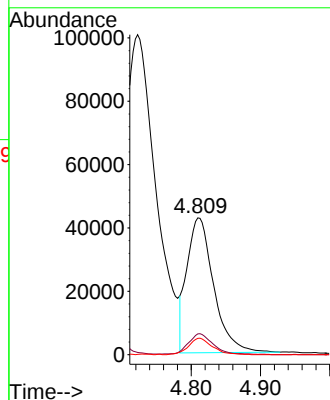
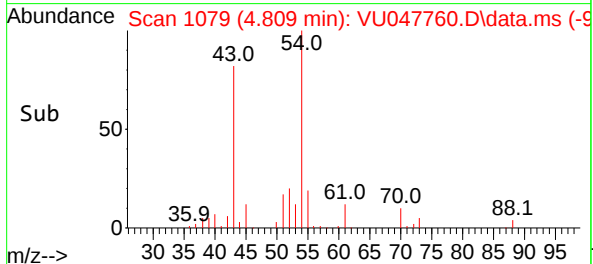
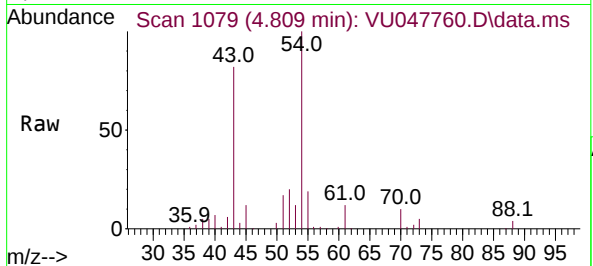




#37
Ethyl Acetate
Concen: 21.078 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

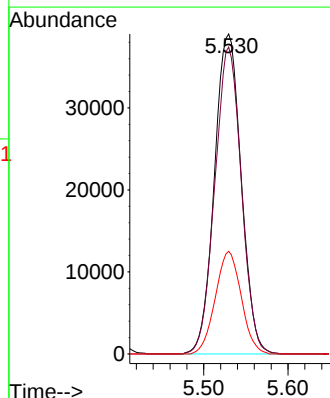
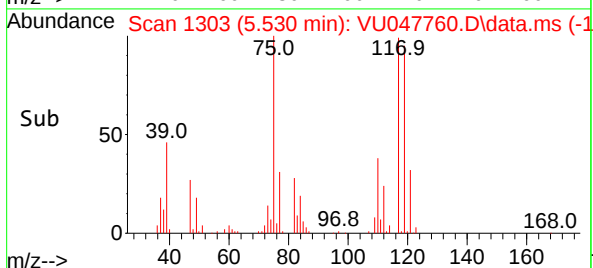
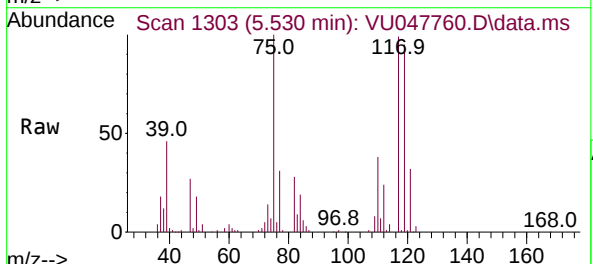
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

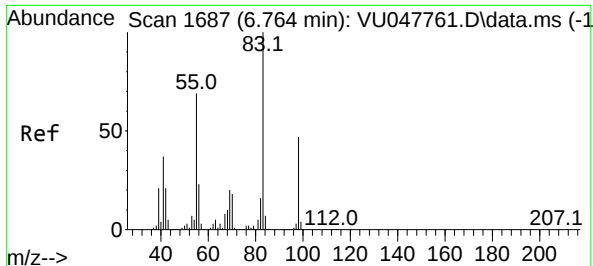
Tgt Ion: 43 Resp: 113934
Ion Ratio Lower Upper
43 100
61 14.1 9.5 14.3
70 10.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.003 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 117 Resp: 86017
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 15.528 ug/l

RT: 6.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

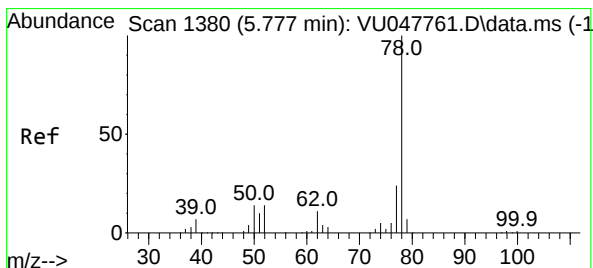
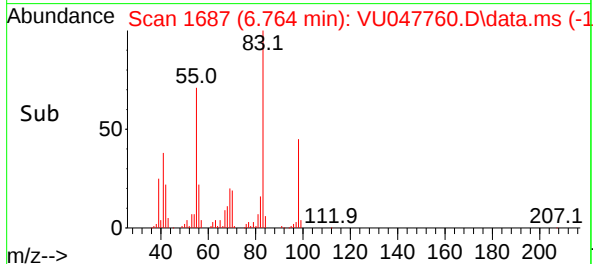
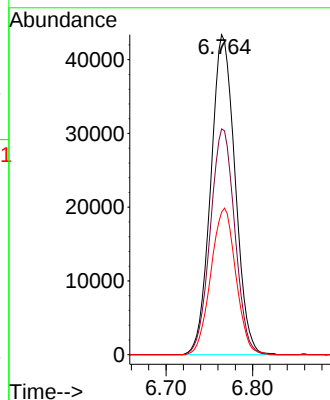
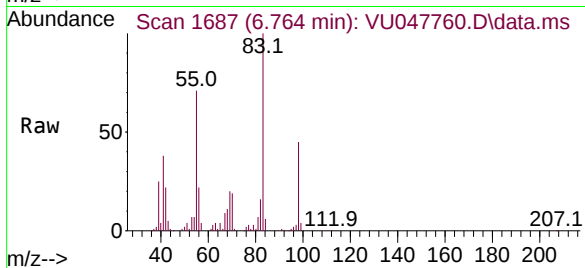
Tgt Ion: 83 Resp: 84552

Ion Ratio Lower Upper

83 100

55 70.6 55.3 82.9

98 44.6 37.3 55.9



#40

Benzene

Concen: 18.071 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047760.D

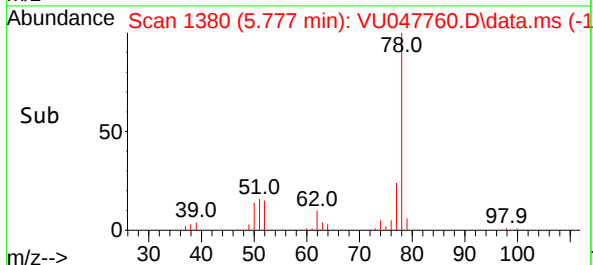
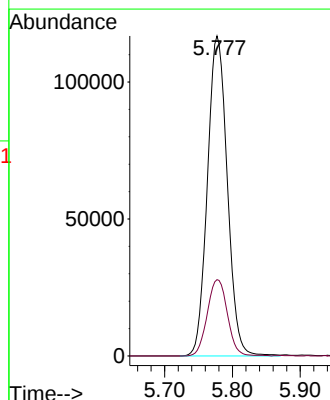
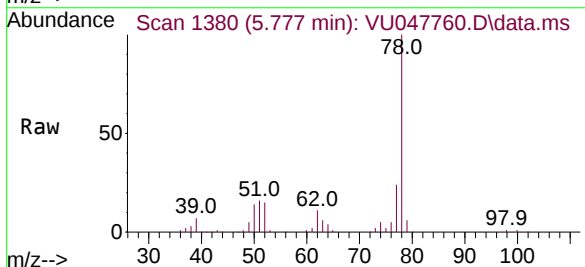
Acq: 30 Mar 2022 13:51

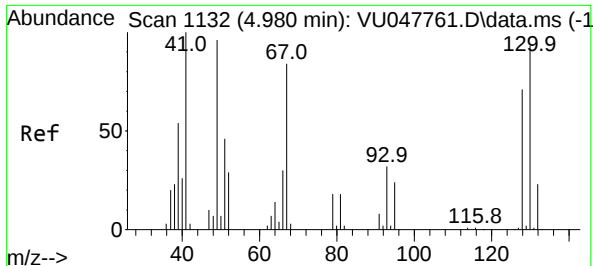
Tgt Ion: 78 Resp: 238027

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2



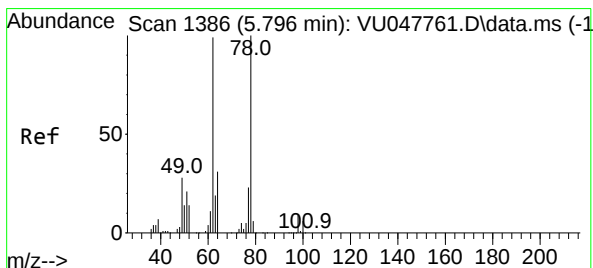
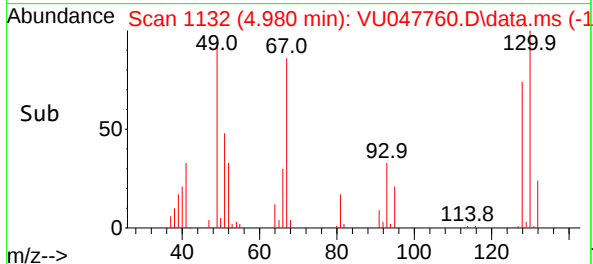
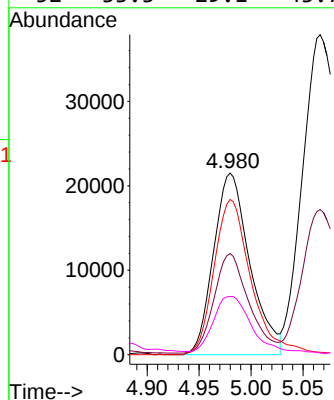
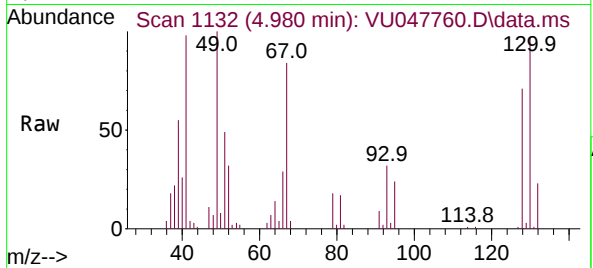


#41
Methacrylonitrile
Concen: 19.397 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 52278

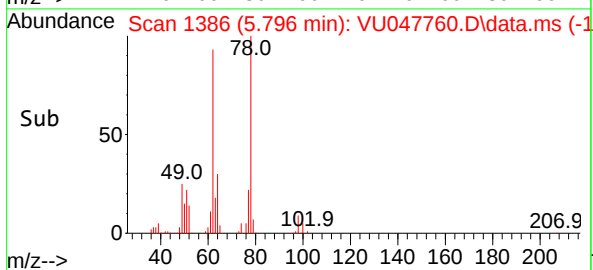
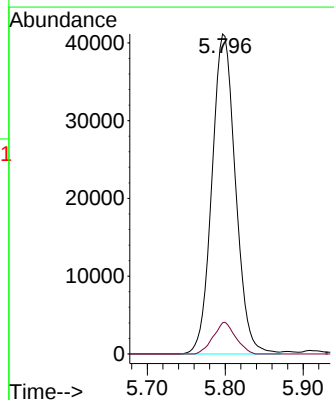
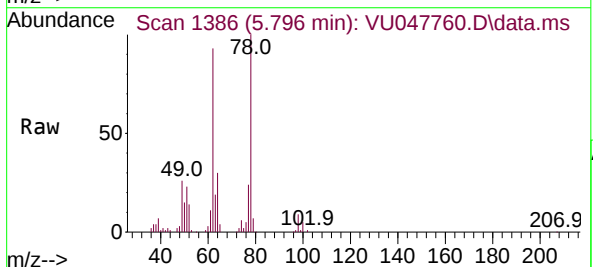
Ion	Ratio	Lower	Upper
41	100		
39	52.1	43.1	64.7
67	87.9	72.3	108.5
52	33.3	29.1	43.7

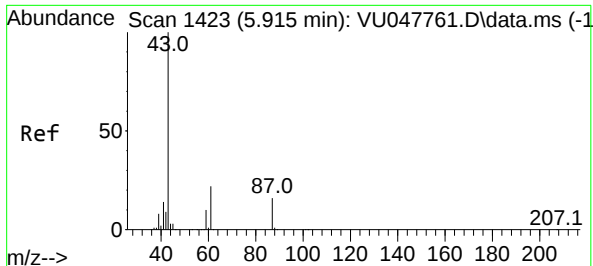


#42
1,2-Dichloroethane
Concen: 18.213 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 62 Resp: 86467

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.059 ug/l

RT: 5.915 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

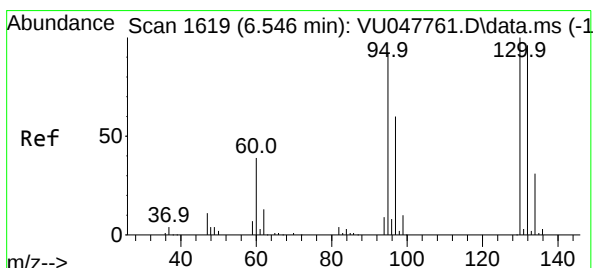
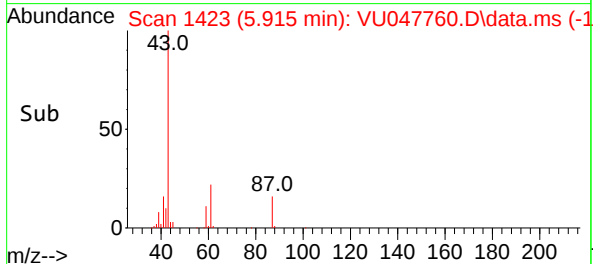
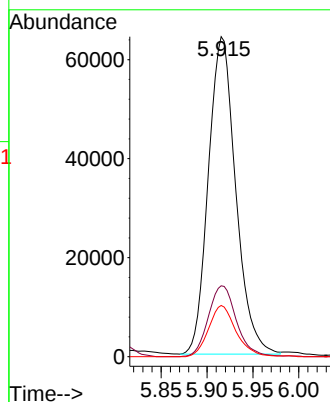
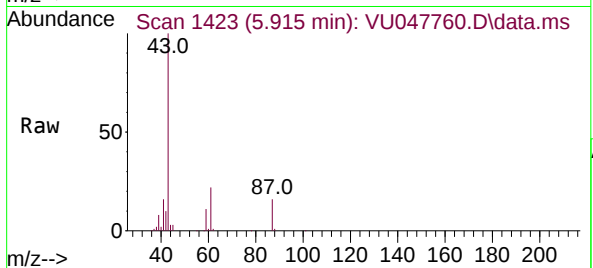
Tgt Ion: 43 Resp: 133062

Ion Ratio Lower Upper

43 100

61 22.9 17.4 26.0

87 16.1 12.6 18.8



#44

Trichloroethene

Concen: 19.617 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047760.D

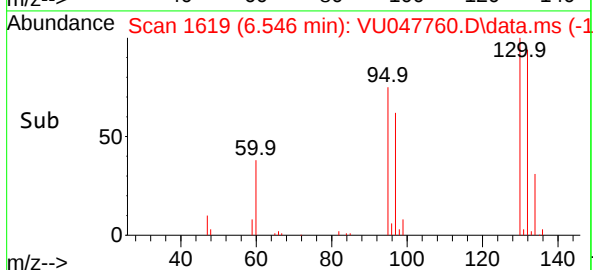
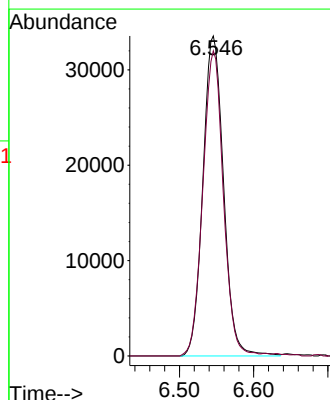
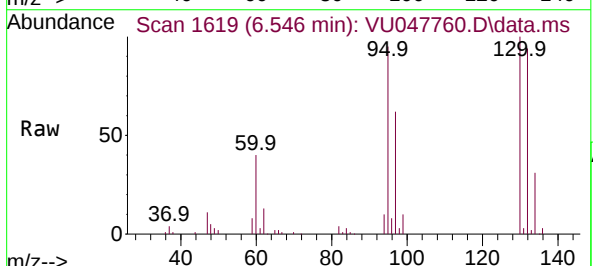
Acq: 30 Mar 2022 13:51

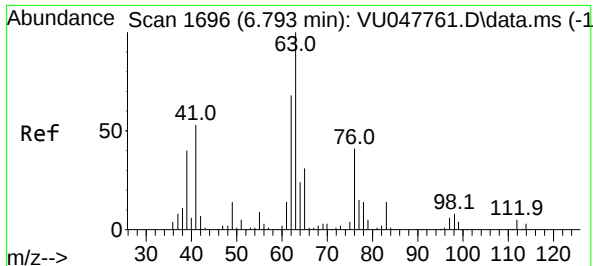
Tgt Ion:130 Resp: 64662

Ion Ratio Lower Upper

130 100

95 95.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 16.673 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

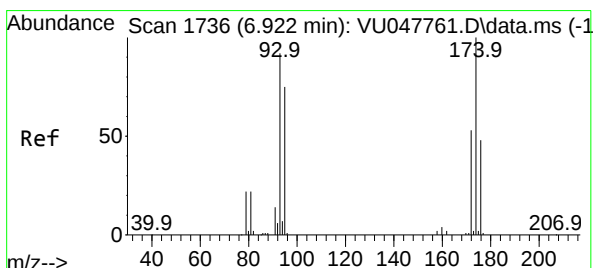
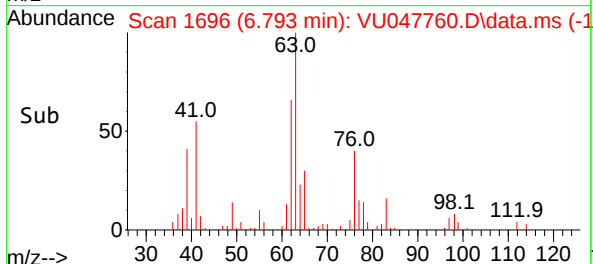
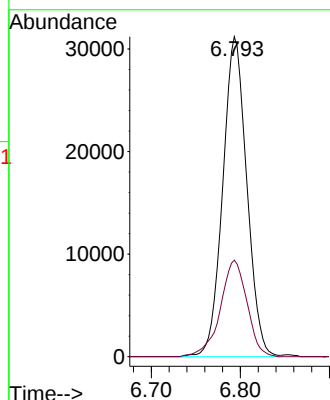
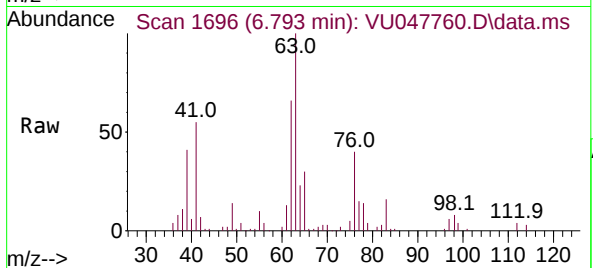
VSTDICC020

Tgt Ion: 63 Resp: 58501

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.4



#46

Dibromomethane

Concen: 18.461 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

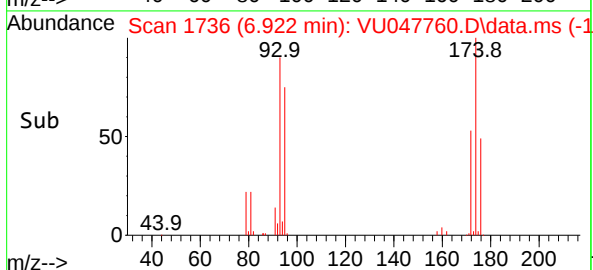
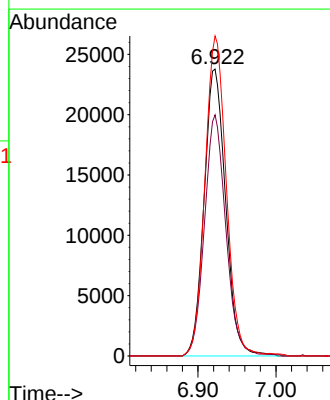
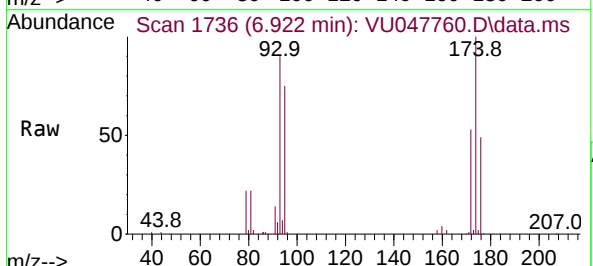
Tgt Ion: 93 Resp: 45761

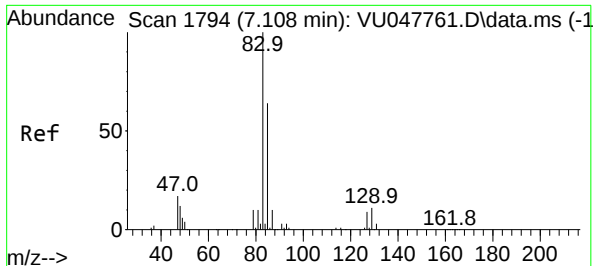
Ion Ratio Lower Upper

93 100

95 83.5 66.3 99.5

174 109.7 88.2 132.4

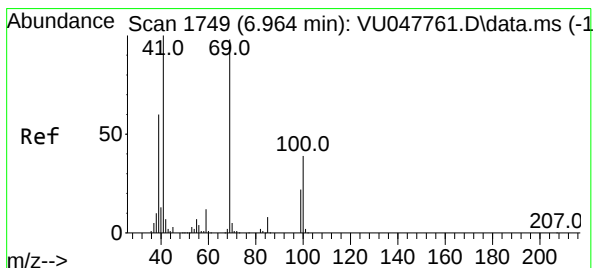
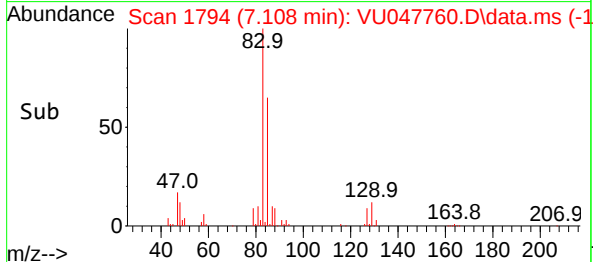
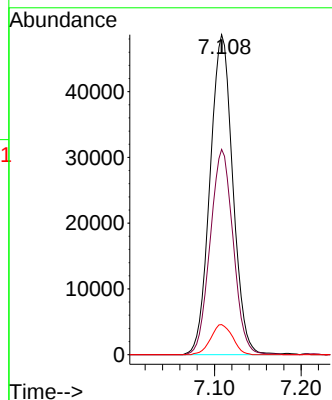
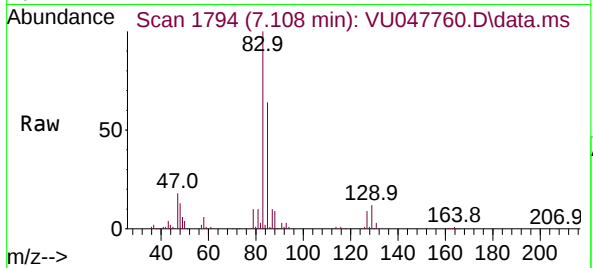




#47
Bromodichloromethane
Concen: 19.050 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

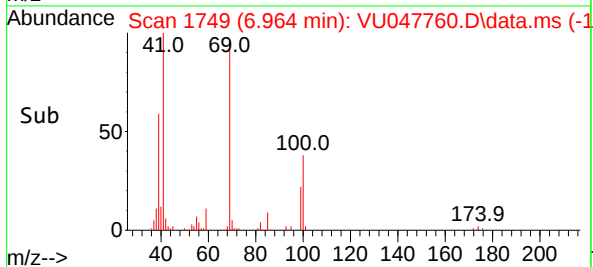
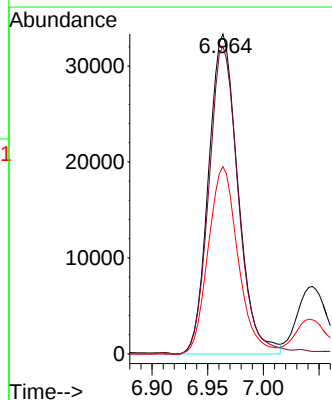
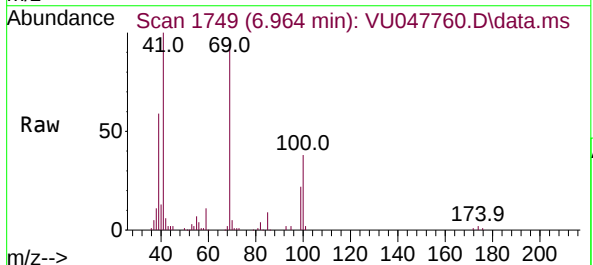
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

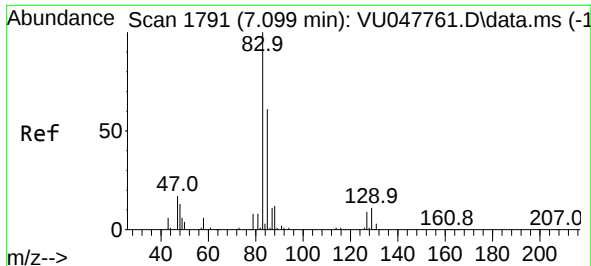
Tgt Ion: 83 Resp: 88982
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 16.944 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 41 Resp: 61305
Ion Ratio Lower Upper
41 100
69 95.8 79.8 119.6
39 59.3 47.9 71.9





#49

1,4-Dioxane

Concen: 429.534 ug/l

RT: 7.066 min Scan# 1

Delta R.T. -0.032 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

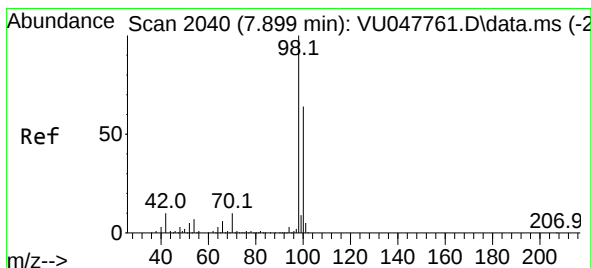
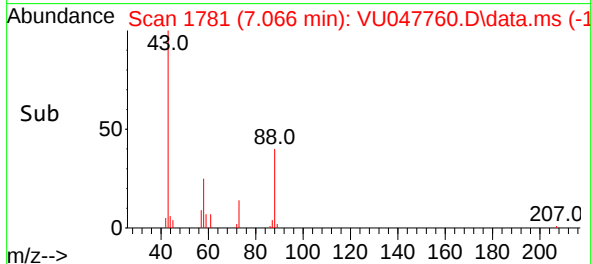
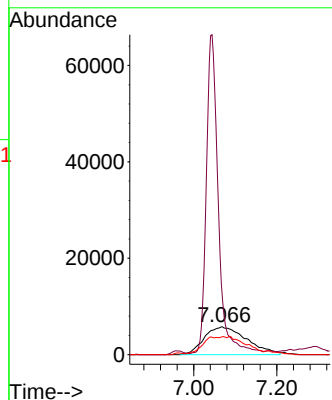
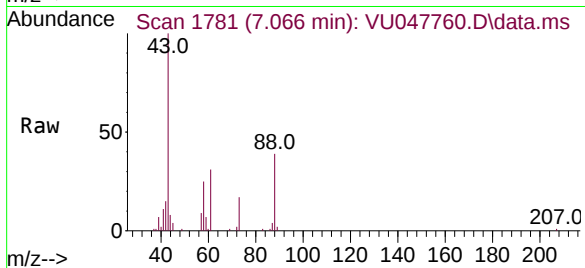
Tgt Ion: 88 Resp: 40928

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 15.4 23.0#



#50

Toluene-d8

Concen: 21.279 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU047760.D

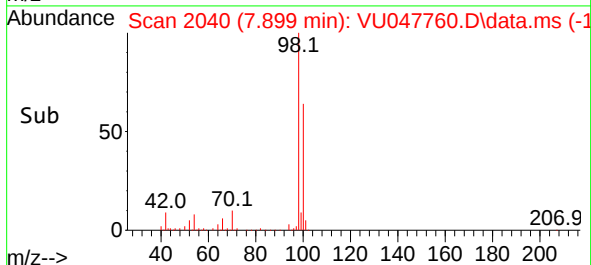
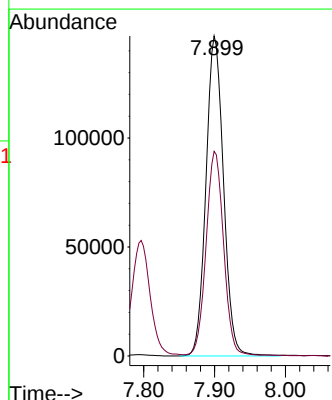
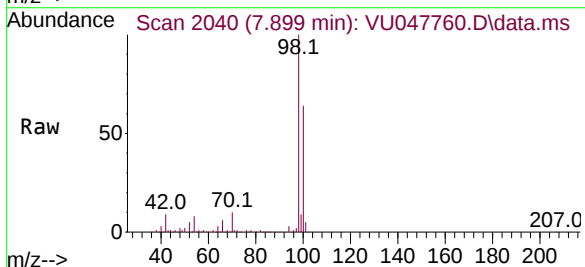
Acq: 30 Mar 2022 13:51

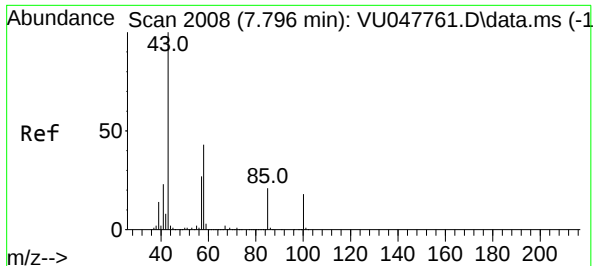
Tgt Ion: 98 Resp: 252397

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 100.442 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

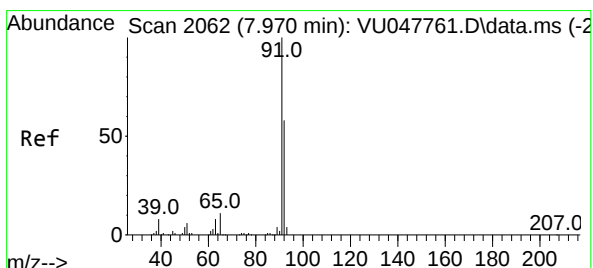
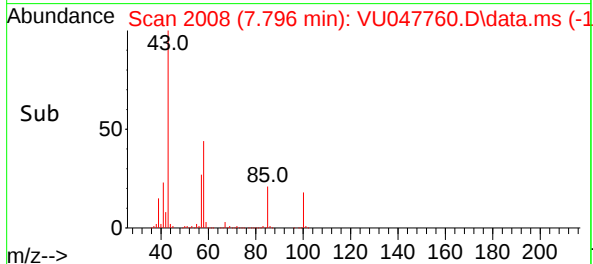
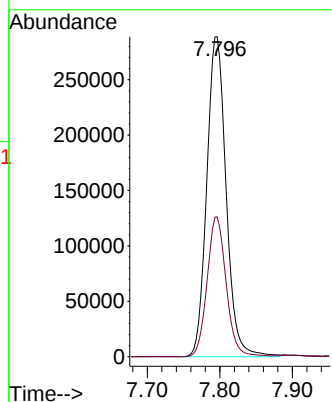
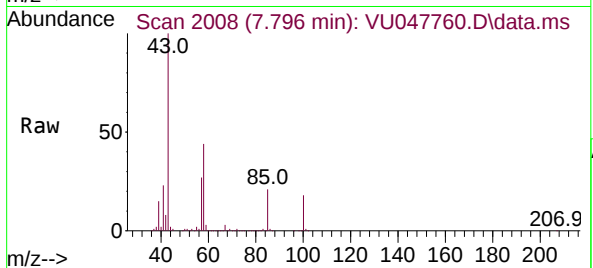
VSTDICC020

Tgt Ion: 43 Resp: 535652

Ion Ratio Lower Upper

43 100

58 43.1 34.7 52.1



#52

Toluene

Concen: 19.190 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047760.D

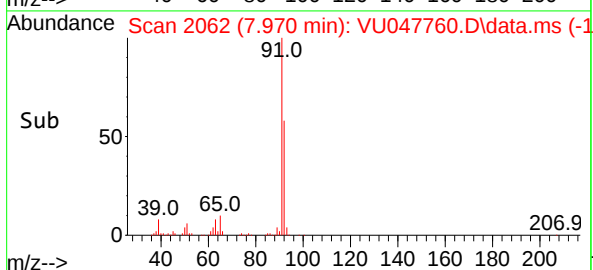
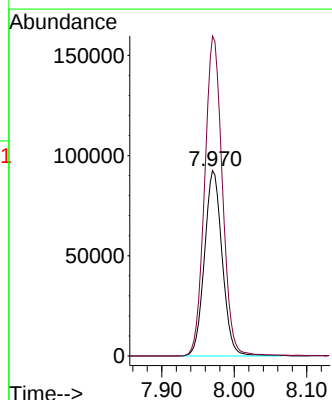
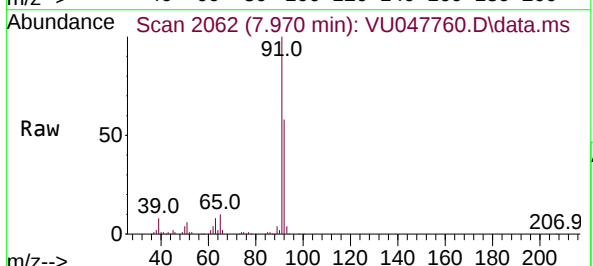
Acq: 30 Mar 2022 13:51

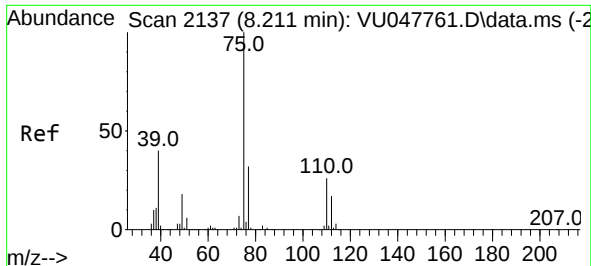
Tgt Ion: 92 Resp: 157031

Ion Ratio Lower Upper

92 100

91 173.2 138.2 207.4

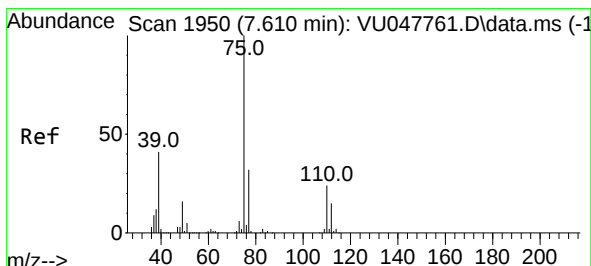
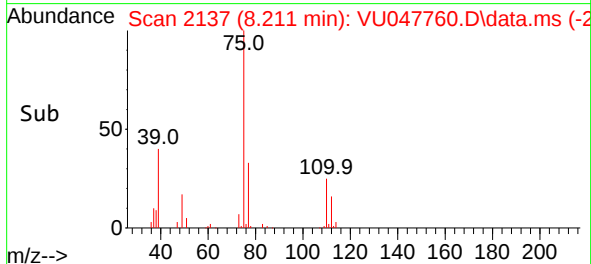
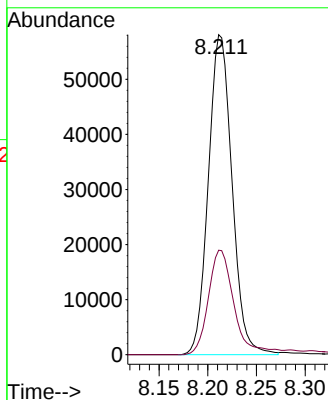
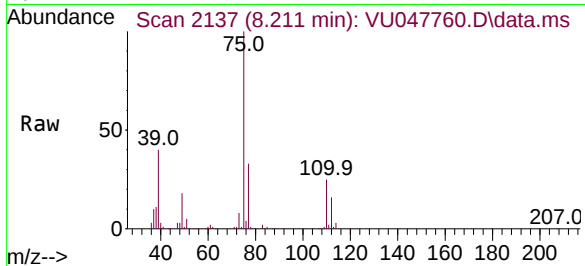




#53
 t-1,3-Dichloropropene
 Concen: 18.396 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

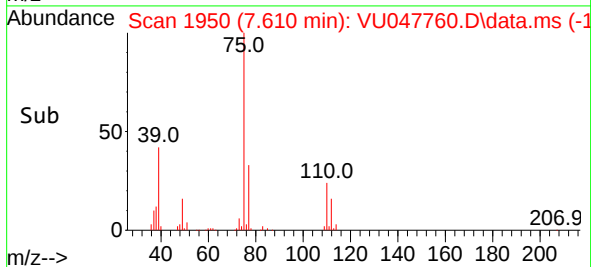
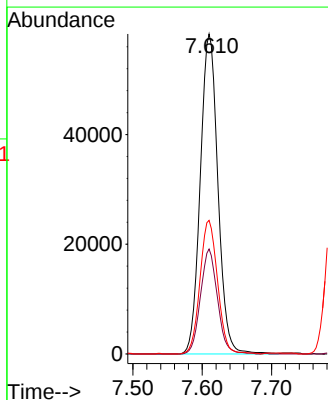
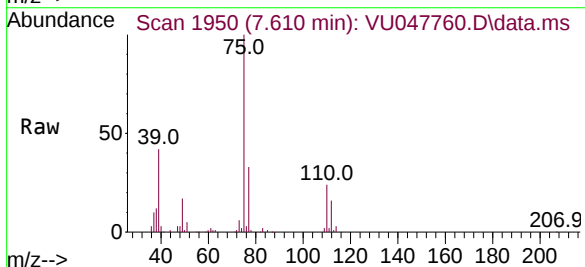
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

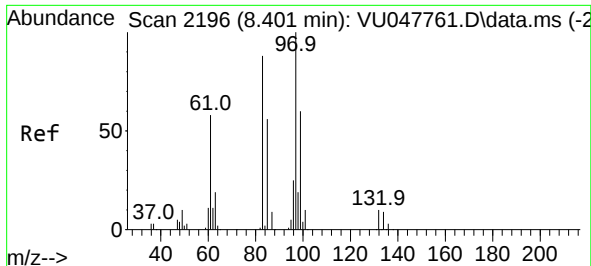
Tgt Ion: 75 Resp: 98235
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.221 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

Tgt Ion: 75 Resp: 102991
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5
 39 41.7 33.0 49.6





#55

1,1,2-Trichloroethane

Concen: 19.771 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 67983

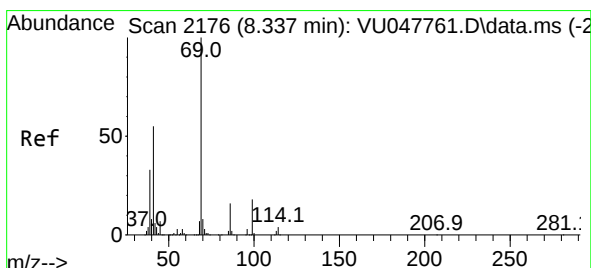
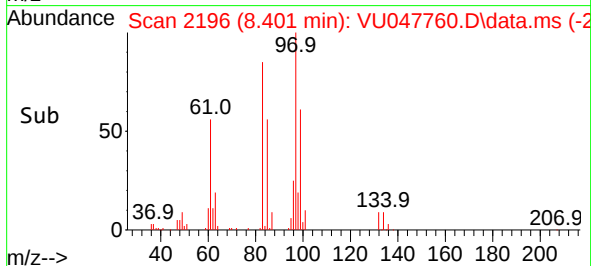
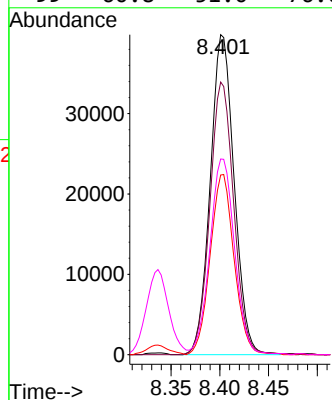
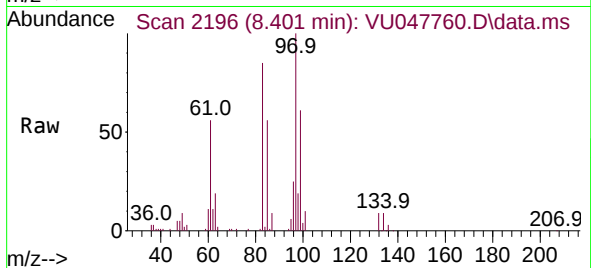
Ion Ratio Lower Upper

97 100

83 85.2 70.2 105.4

85 55.9 44.6 66.8

99 60.8 51.0 76.6



#56

Ethyl methacrylate

Concen: 17.612 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

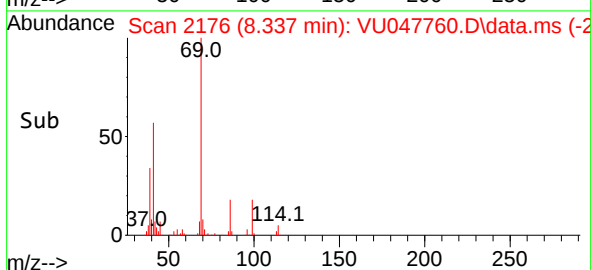
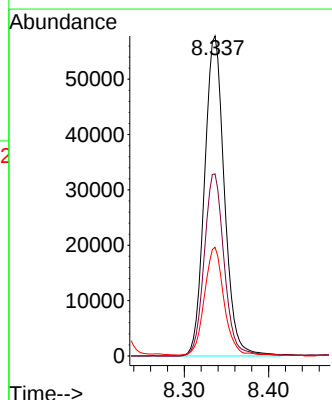
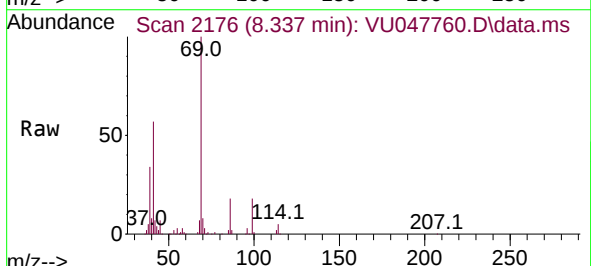
Tgt Ion: 69 Resp: 95018

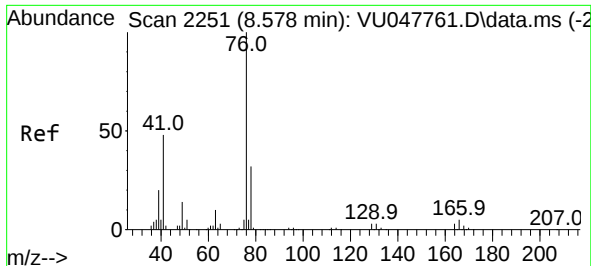
Ion Ratio Lower Upper

69 100

41 57.0 45.4 68.0

39 32.8 25.7 38.5





#57

1,3-Dichloropropane

Concen: 18.271 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

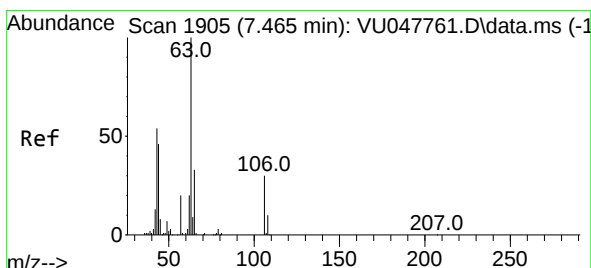
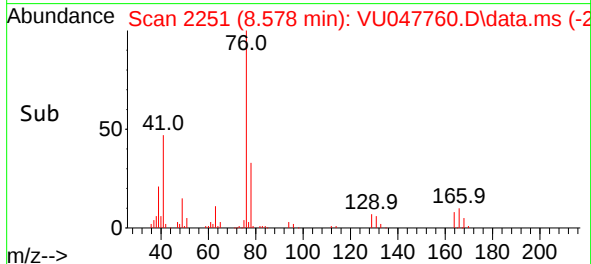
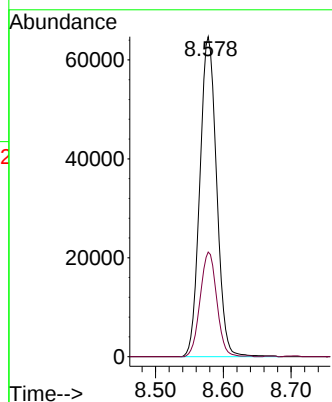
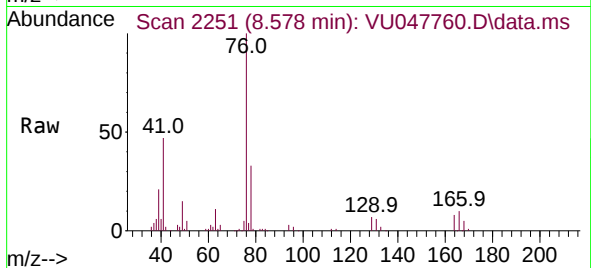
VSTDICC020

Tgt Ion: 76 Resp: 111236

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 14.189 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU047760.D

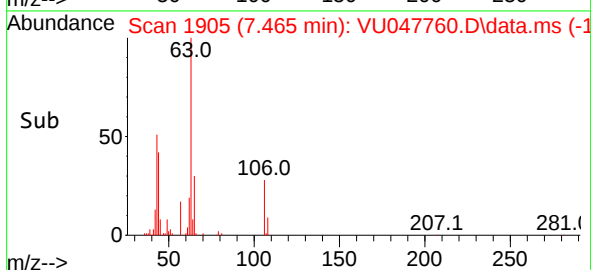
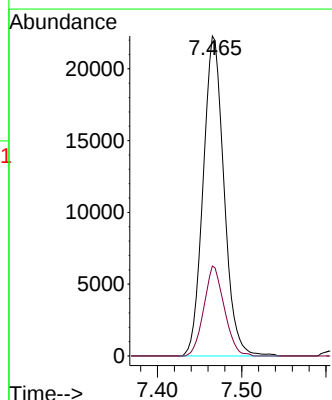
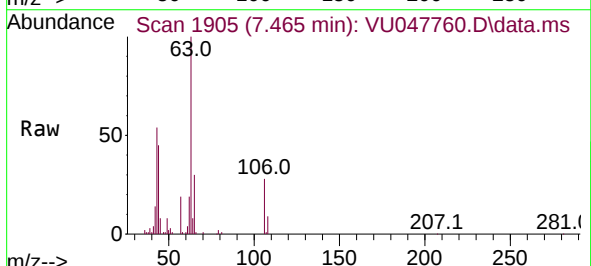
Acq: 30 Mar 2022 13:51

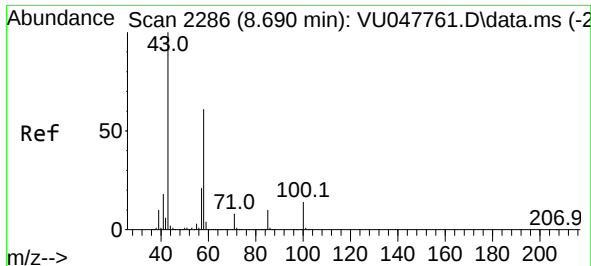
Tgt Ion: 63 Resp: 38360

Ion Ratio Lower Upper

63 100

106 27.5 23.1 34.7

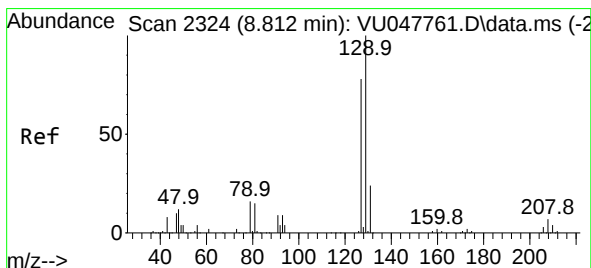
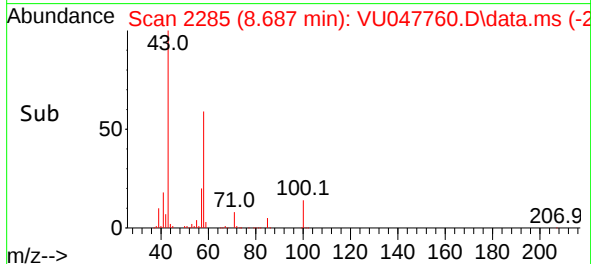
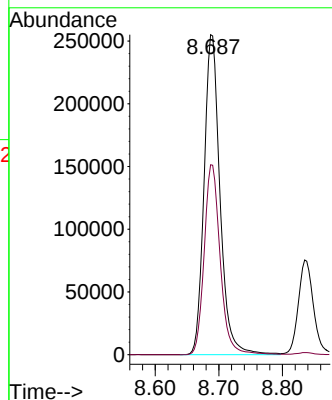
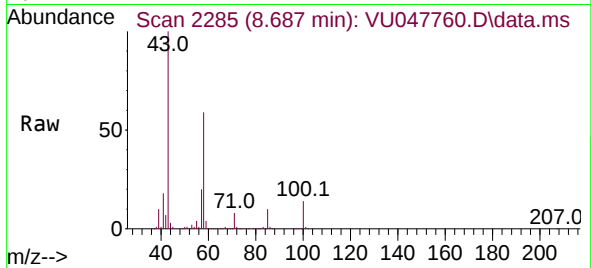




#59
2-Hexanone
Concen: 105.080 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

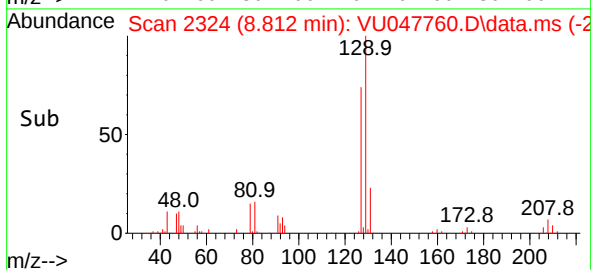
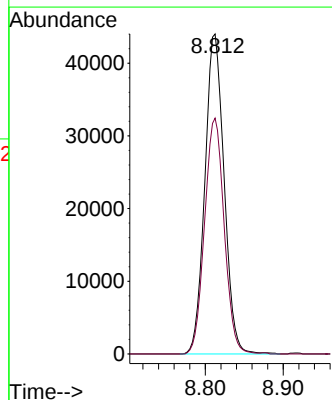
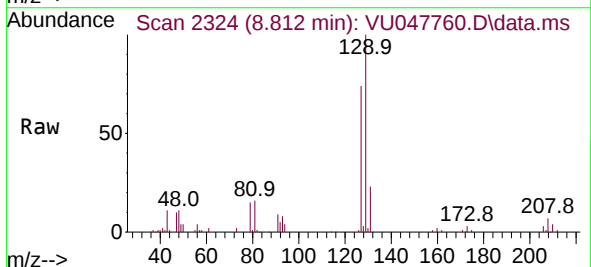
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

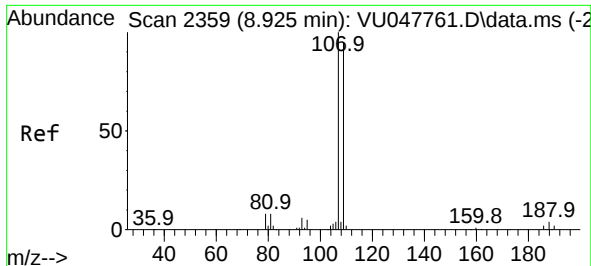
Tgt Ion: 43 Resp: 444582
Ion Ratio Lower Upper
43 100
58 59.6 30.3 90.8



#60
Dibromochloromethane
Concen: 20.764 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 129 Resp: 75477
Ion Ratio Lower Upper
129 100
127 75.0 38.6 116.0

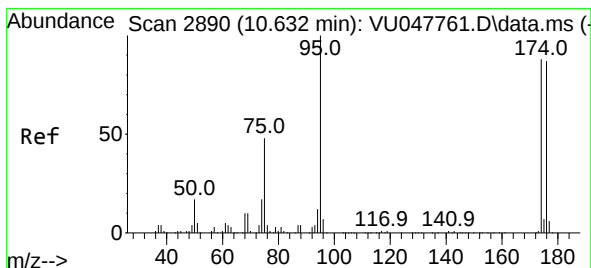
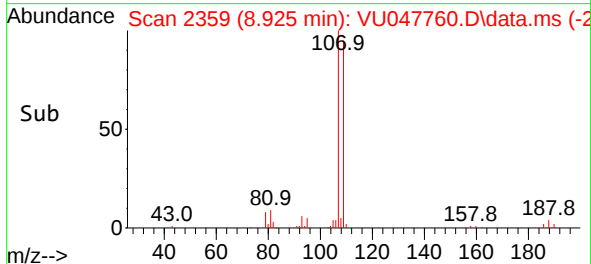
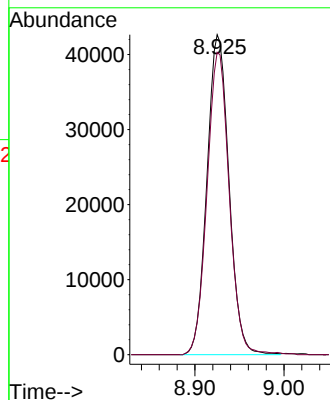
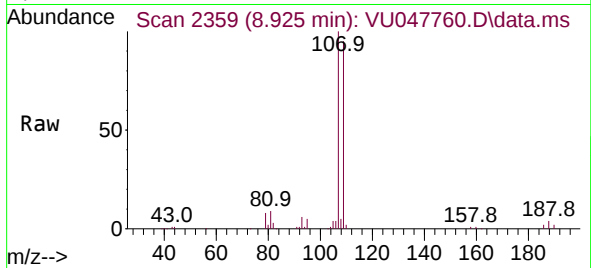




#61
1,2-Dibromoethane
Concen: 19.739 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

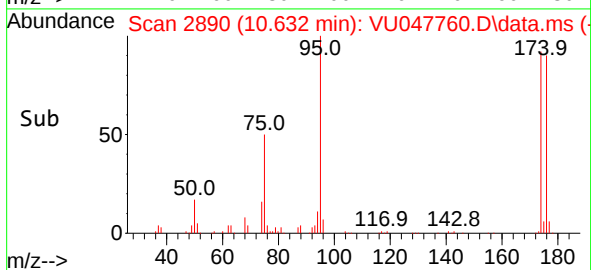
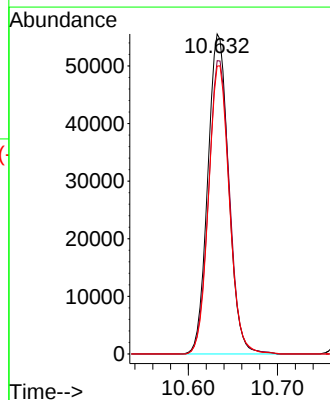
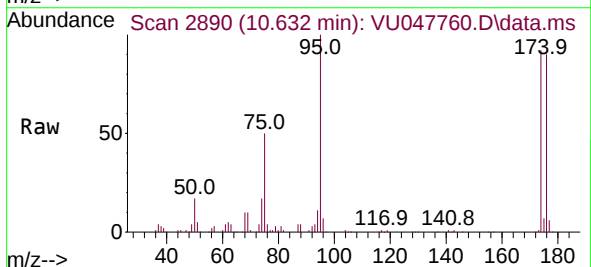
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

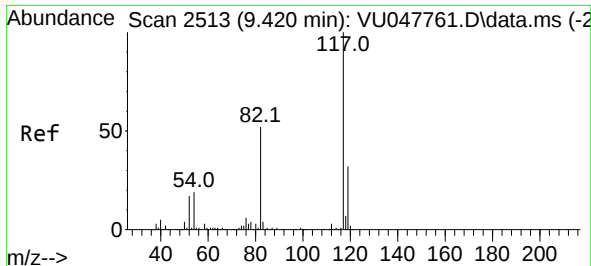
Tgt Ion:107 Resp: 73225
Ion Ratio Lower Upper
107 100
109 95.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 19.080 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 95 Resp: 90294
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.0
176 89.6 0.0 177.8

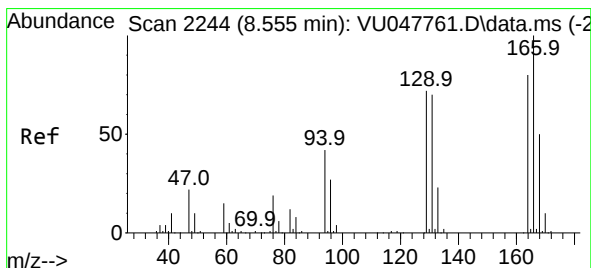
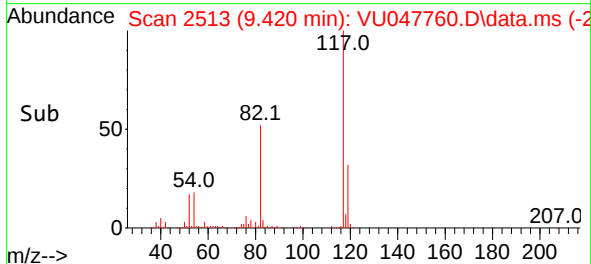
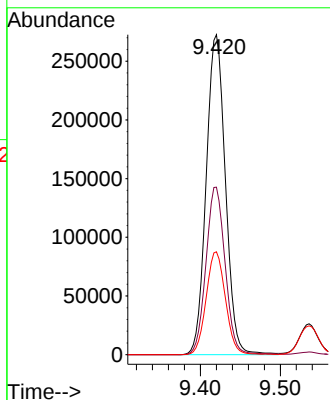
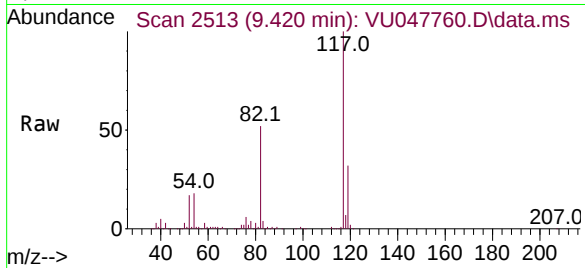




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

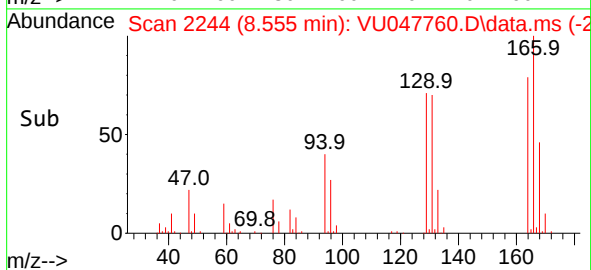
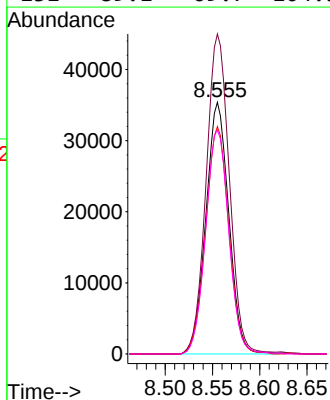
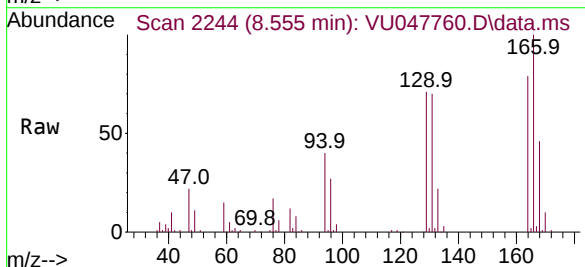
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

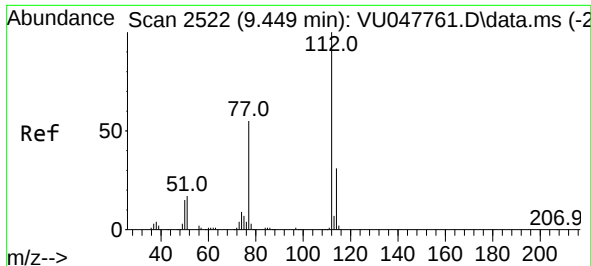
Tgt Ion:117 Resp: 456207
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 22.506 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:164 Resp: 59858
Ion Ratio Lower Upper
164 100
166 127.1 100.0 150.0
129 90.3 72.0 108.0
131 89.1 69.7 104.5

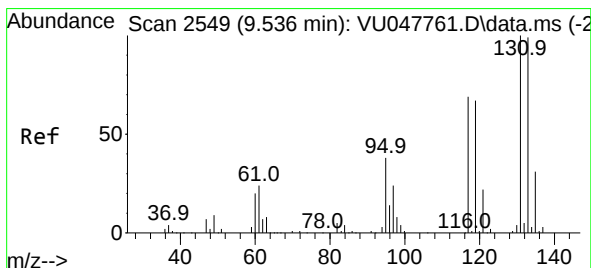
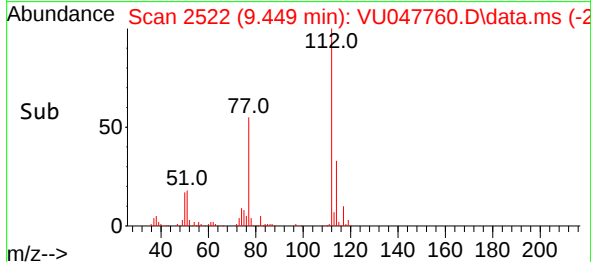
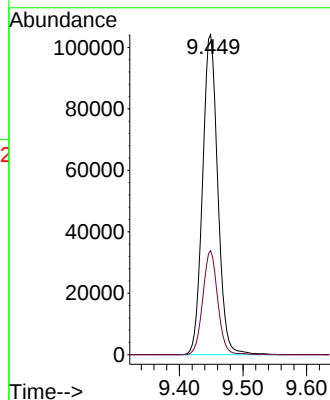
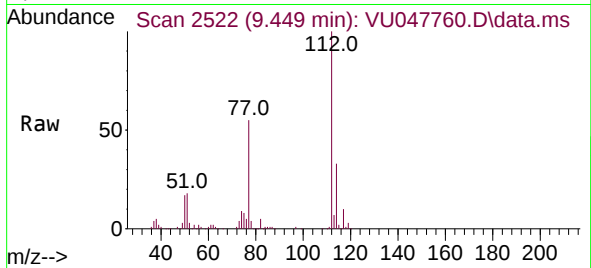




#65
Chlorobenzene
Concen: 19.320 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

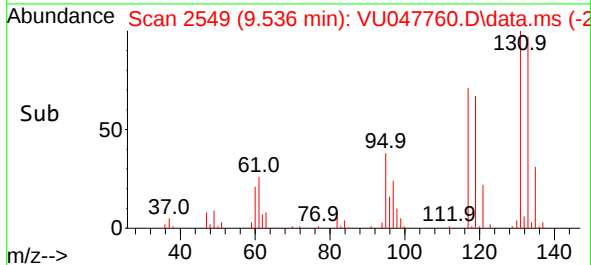
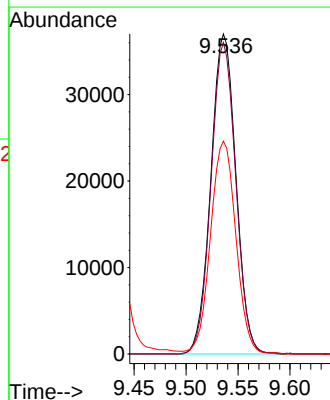
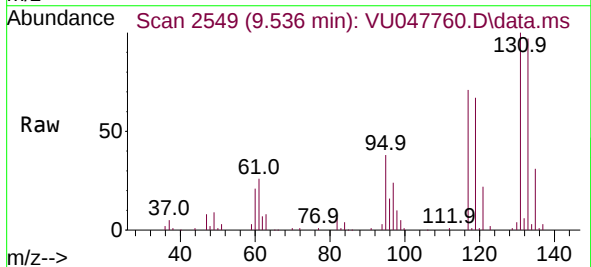
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

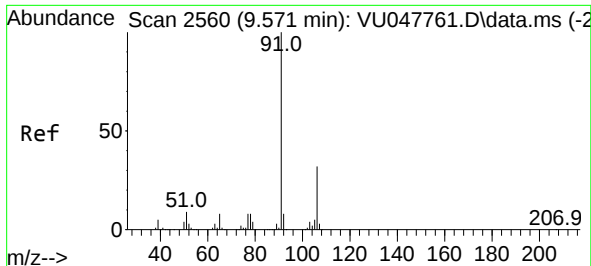
Tgt Ion:112 Resp: 173128
Ion Ratio Lower Upper
112 100
114 32.5 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.358 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:131 Resp: 62058
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.0
119 66.6 33.9 101.6





#67

Ethyl Benzene

Concen: 17.442 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

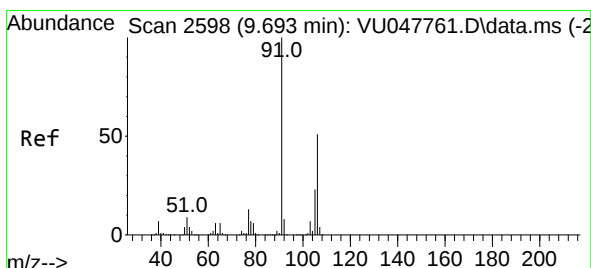
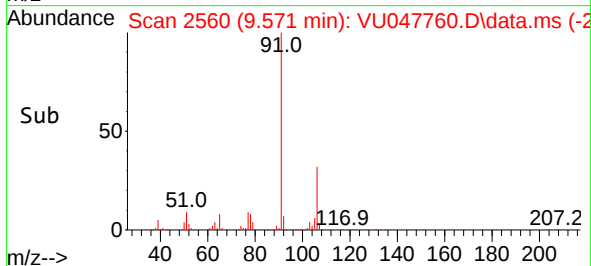
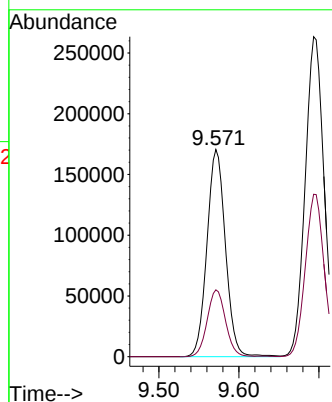
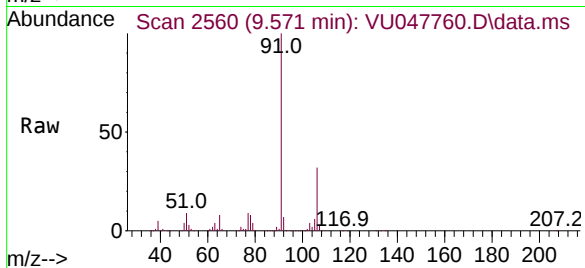
VSTDICC020

Tgt Ion: 91 Resp: 274302

Ion Ratio Lower Upper

91 100

106 32.3 25.6 38.4



#68

m/p-Xylenes

Concen: 36.637 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU047760.D

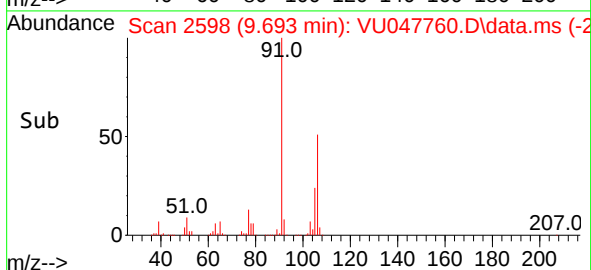
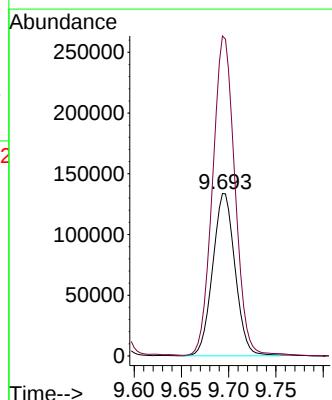
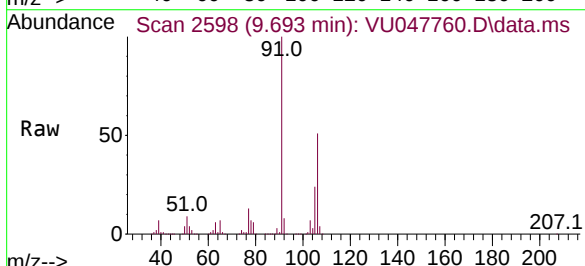
Acq: 30 Mar 2022 13:51

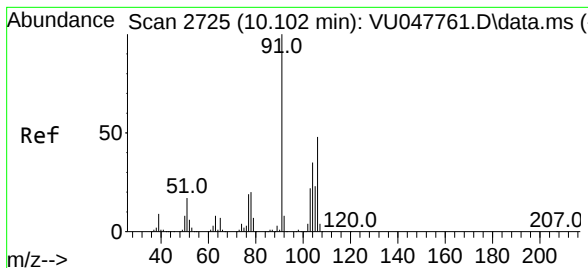
Tgt Ion:106 Resp: 219882

Ion Ratio Lower Upper

106 100

91 197.6 157.2 235.8





#69

o-Xylene

Concen: 18.313 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

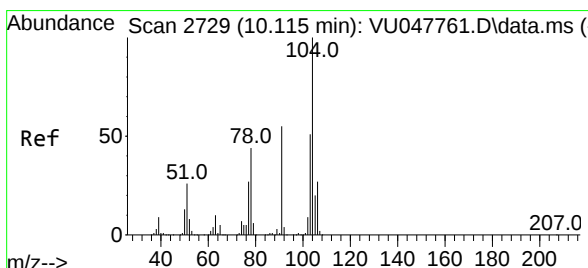
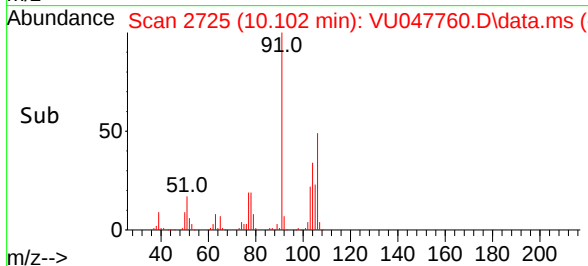
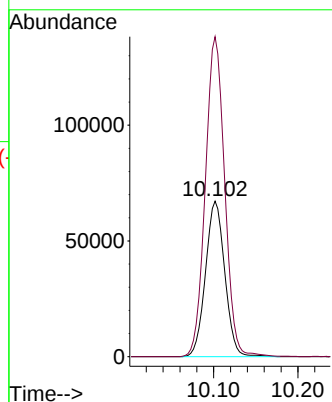
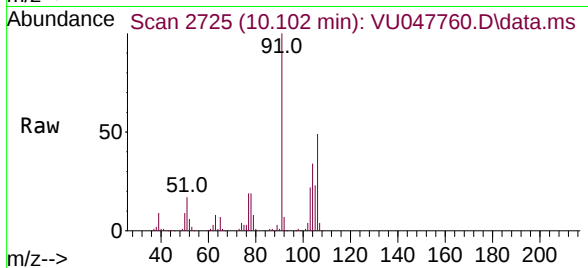
VSTDIC020

Tgt Ion:106 Resp: 107094

Ion Ratio Lower Upper

106 100

91 206.6 103.5 310.5



#70

Styrene

Concen: 18.142 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

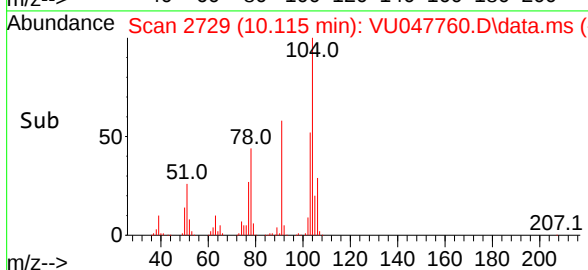
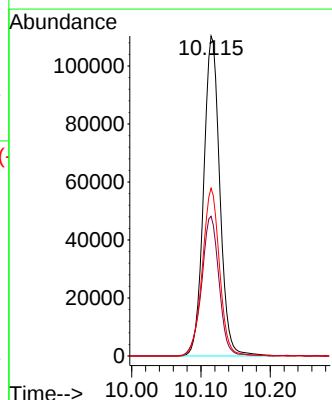
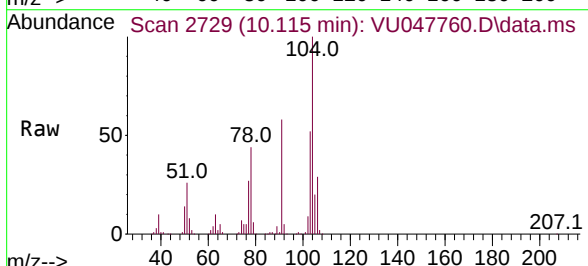
Tgt Ion:104 Resp: 178936

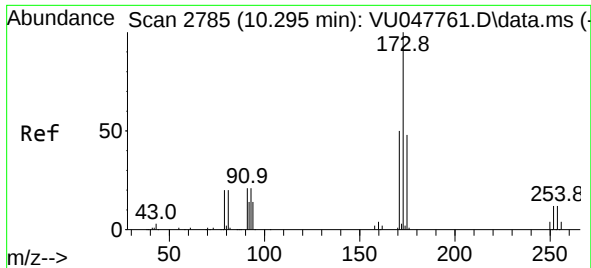
Ion Ratio Lower Upper

104 100

78 47.1 38.0 57.0

103 55.6 43.9 65.9

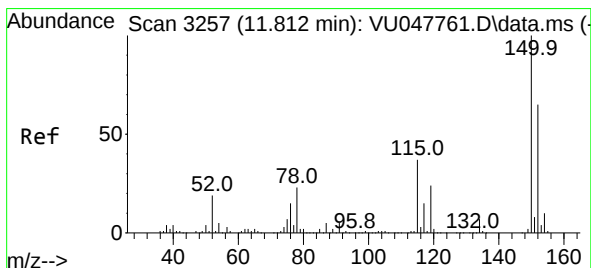
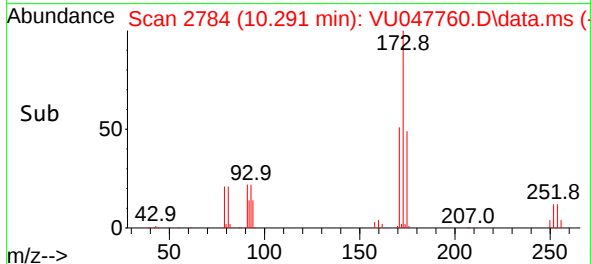
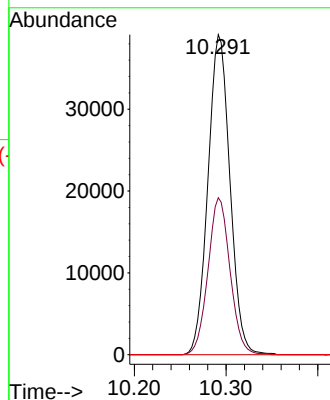
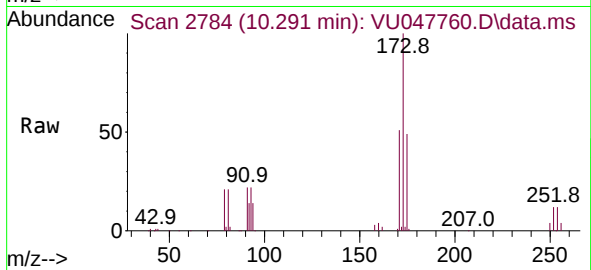




#71
Bromoform
Concen: 23.424 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

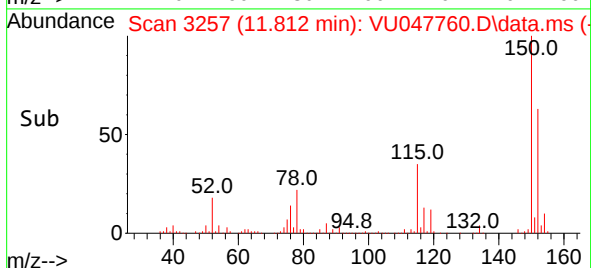
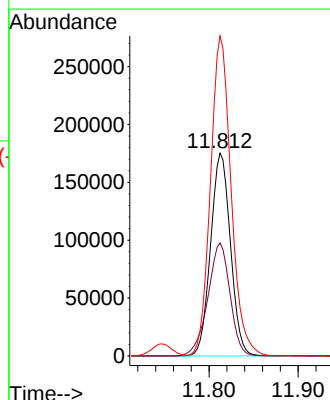
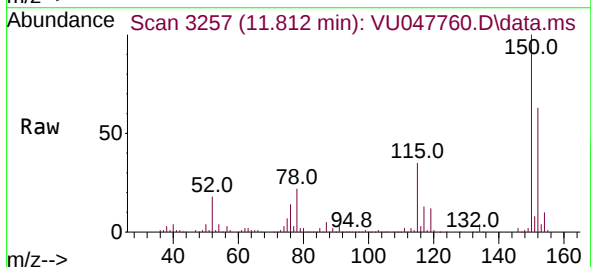
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

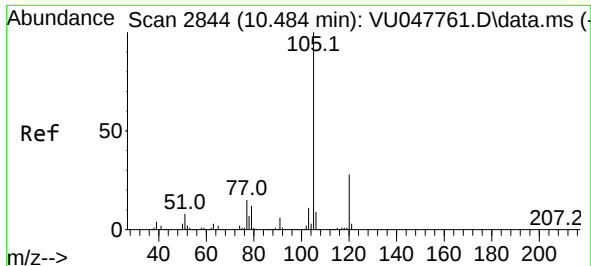
Tgt Ion:173 Resp: 65270
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:152 Resp: 271049
Ion Ratio Lower Upper
152 100
115 61.9 37.0 110.9
150 163.6 0.0 342.2

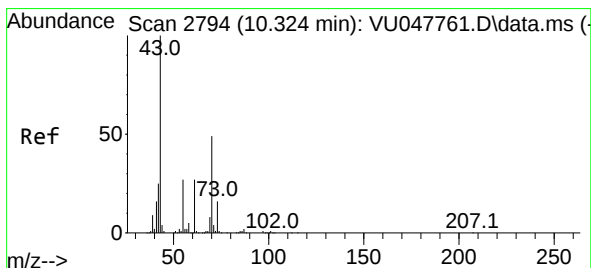
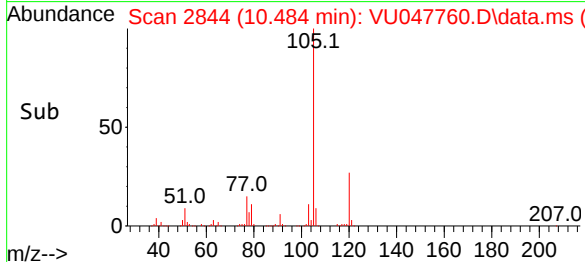
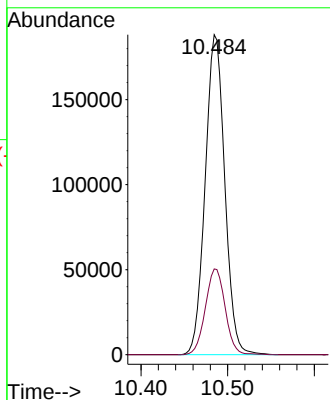
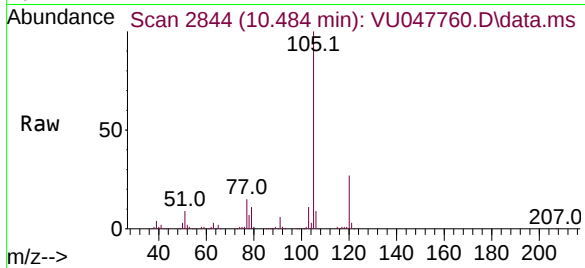




#73
Isopropylbenzene
Concen: 17.051 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

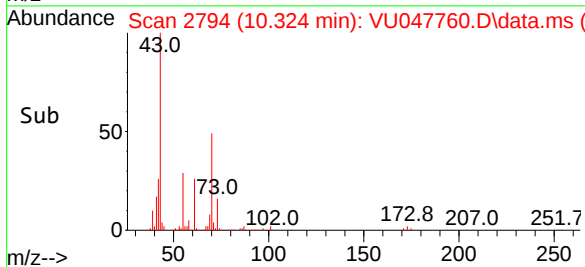
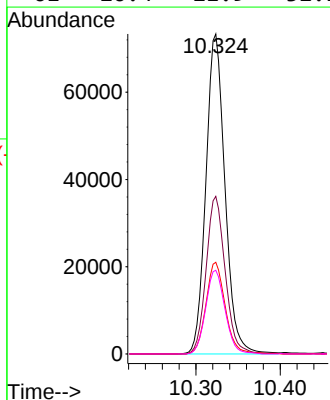
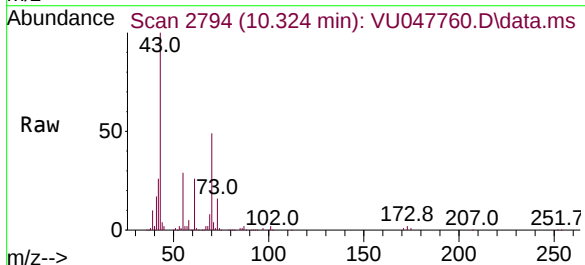
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

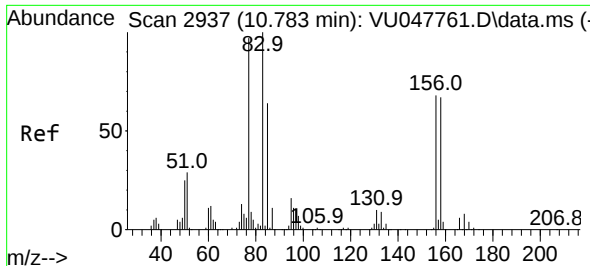
Tgt Ion:105 Resp: 295544
Ion Ratio Lower Upper
105 100
120 27.1 13.8 41.4



#74
N-ethyl acetate
Concen: 15.050 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 43 Resp: 115630
Ion Ratio Lower Upper
43 100
70 49.2 38.7 58.1
55 29.1 21.8 32.8
61 26.4 21.9 32.9

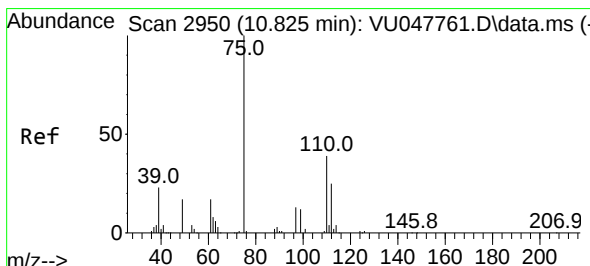
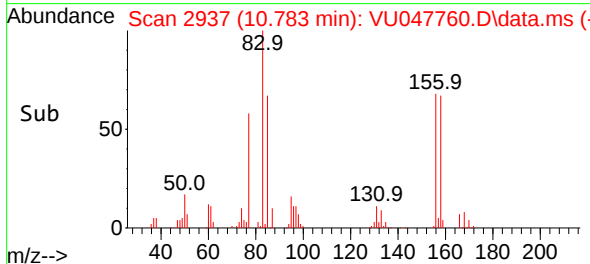
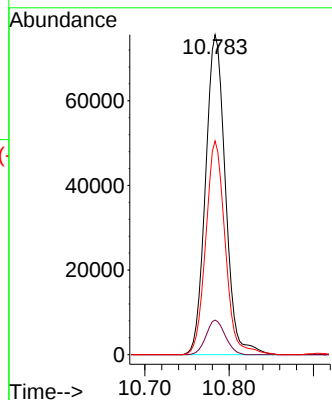
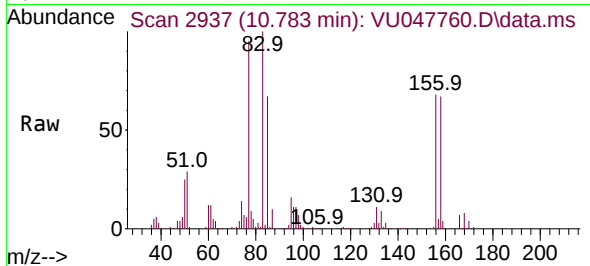




#75
1,1,2,2-Tetrachloroethane
Concen: 17.851 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

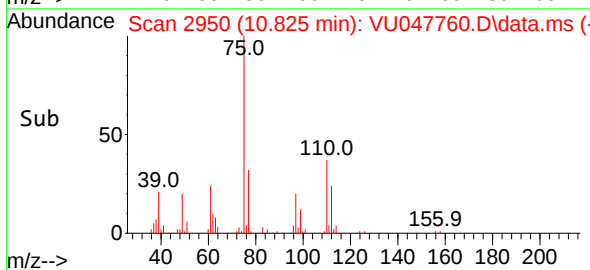
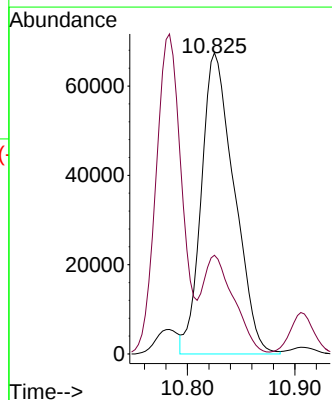
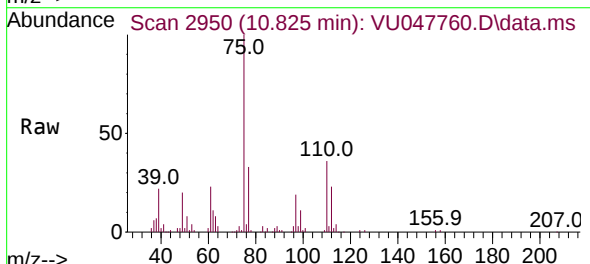
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

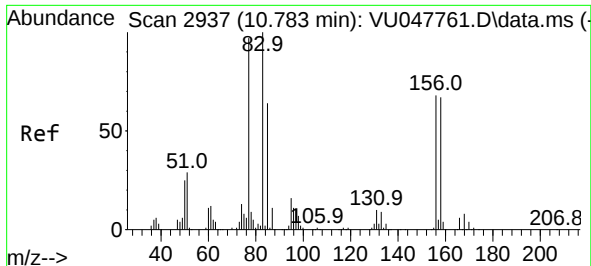
Tgt Ion: 83 Resp: 124094
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 65.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 17.657 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 75 Resp: 143088
Ion Ratio Lower Upper
75 100
77 30.7 15.8 47.3

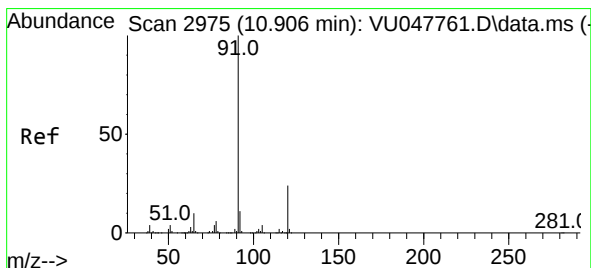
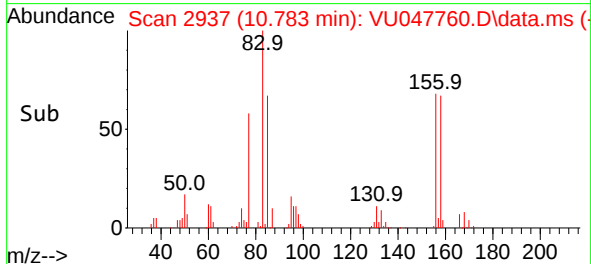
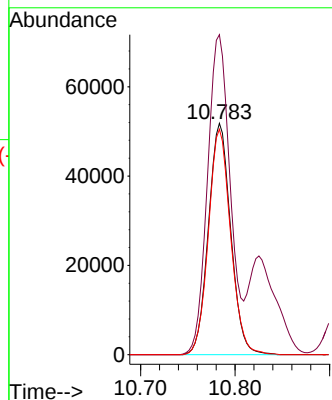
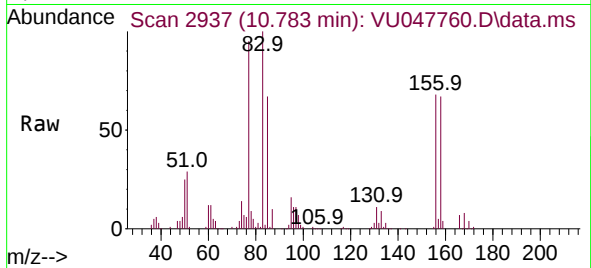




#77
Bromobenzene
Concen: 19.708 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

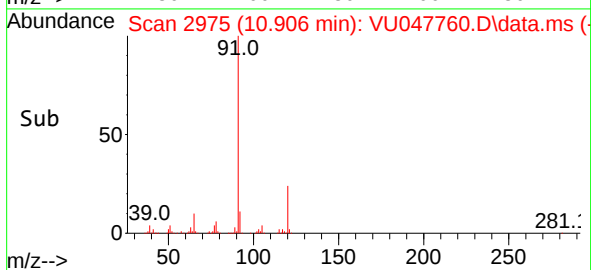
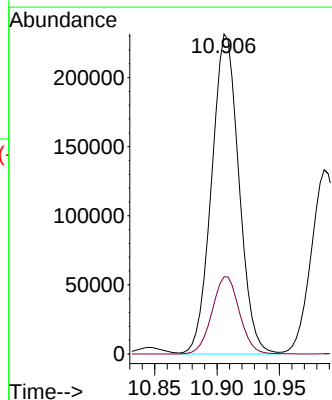
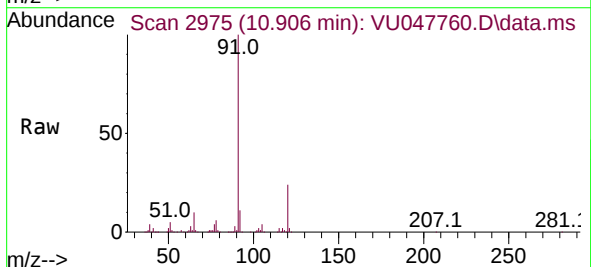
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

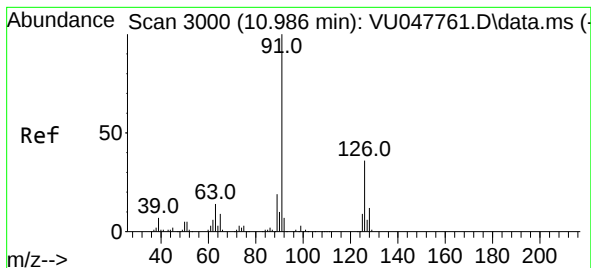
Tgt Ion:156 Resp: 85060
Ion Ratio Lower Upper
156 100
77 140.9 71.9 215.6
158 97.2 48.9 146.8



#78
n-propylbenzene
Concen: 16.503 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 91 Resp: 353290
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 17.058 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

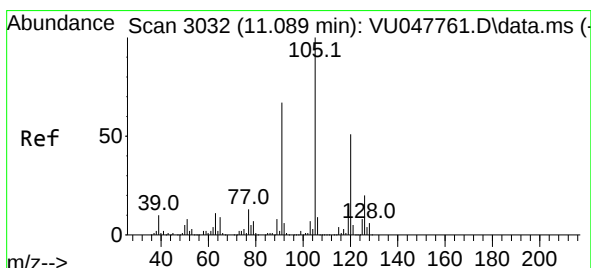
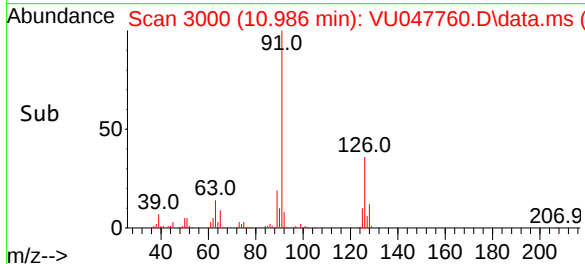
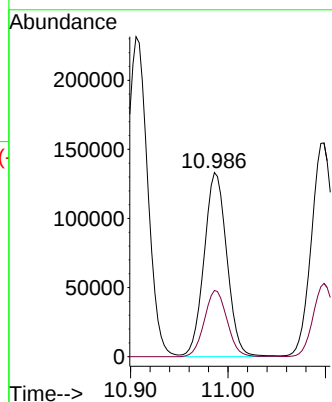
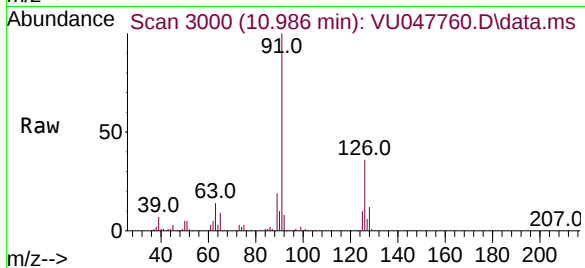
VSTDIC020

Tgt Ion: 91 Resp: 216130

Ion Ratio Lower Upper

91 100

126 35.8 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 16.855 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047760.D

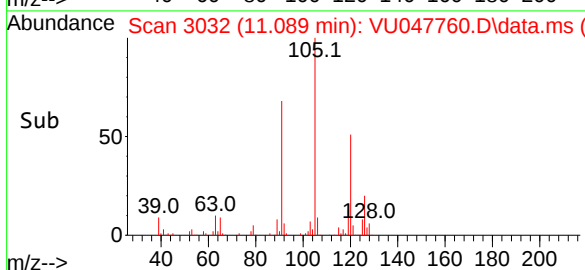
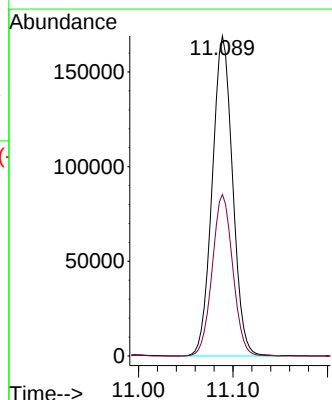
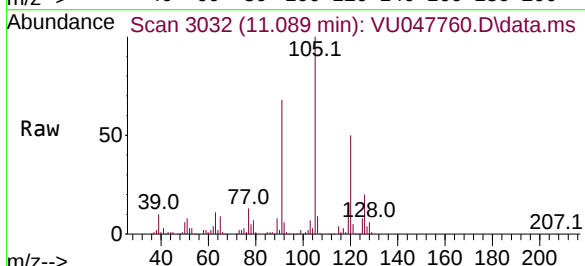
Acq: 30 Mar 2022 13:51

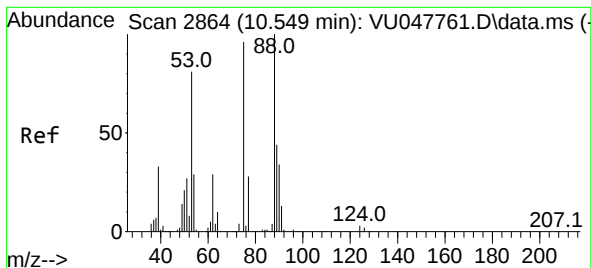
Tgt Ion:105 Resp: 253556

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.9

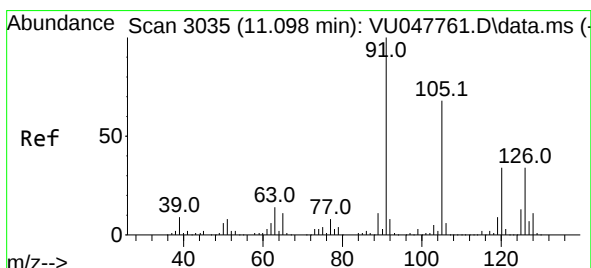
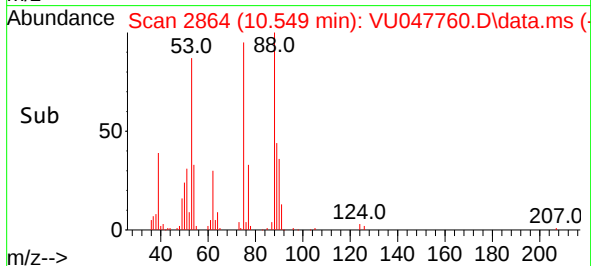
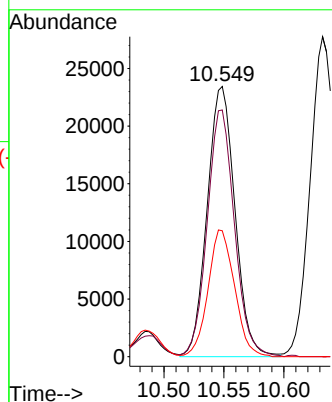
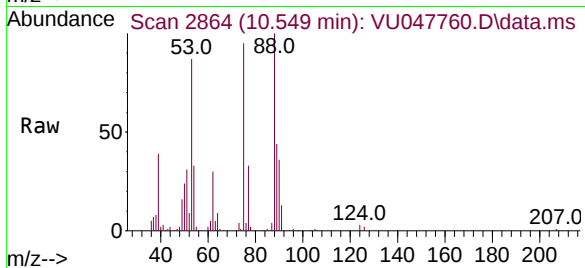




#81
trans-1,4-Dichloro-2-butene
Concen: 16.604 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

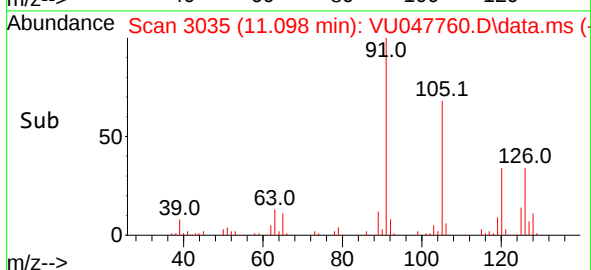
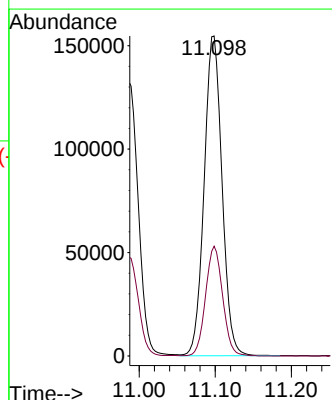
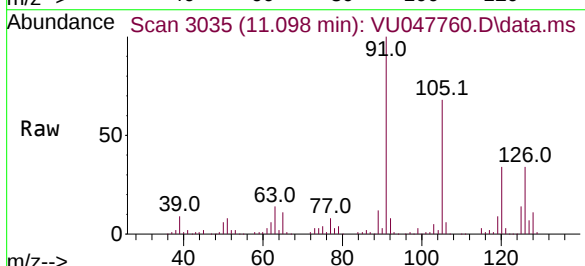
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

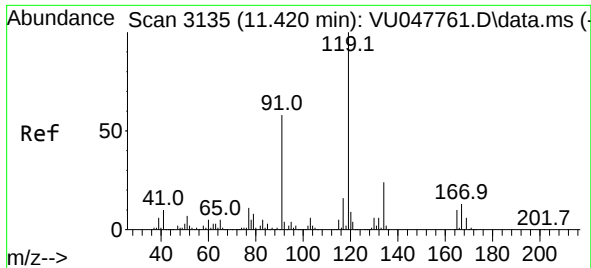
Tgt Ion: 75 Resp: 37800
Ion Ratio Lower Upper
75 100
53 89.7 69.2 103.8
89 44.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 16.990 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion: 91 Resp: 252578
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

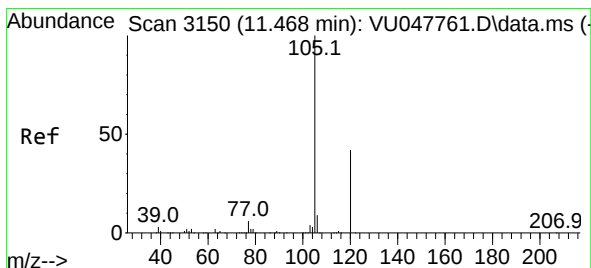
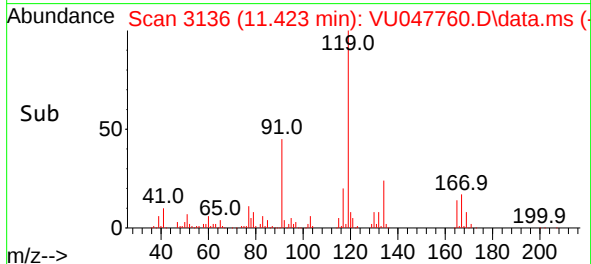
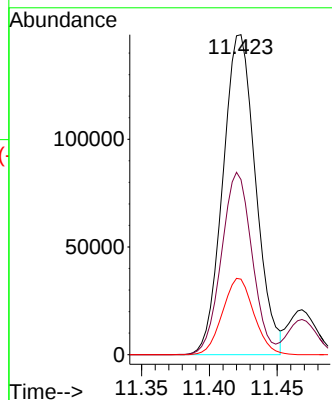
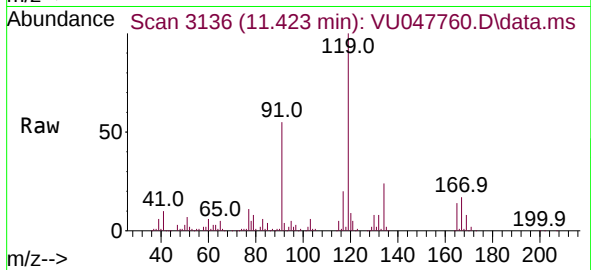




#83
tert-Butylbenzene
Concen: 17.426 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

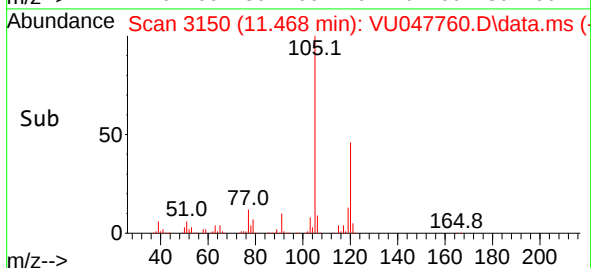
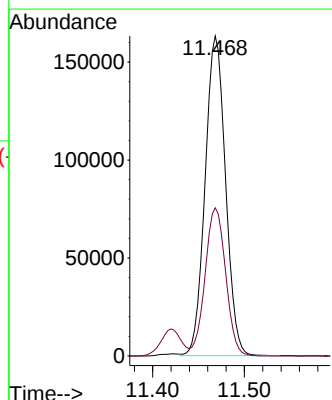
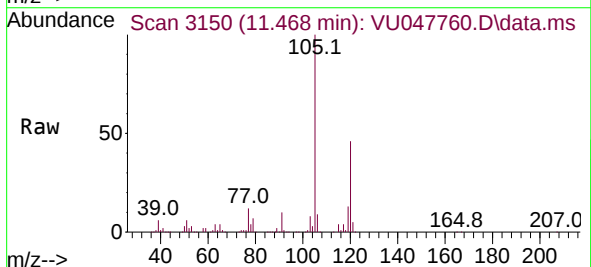
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

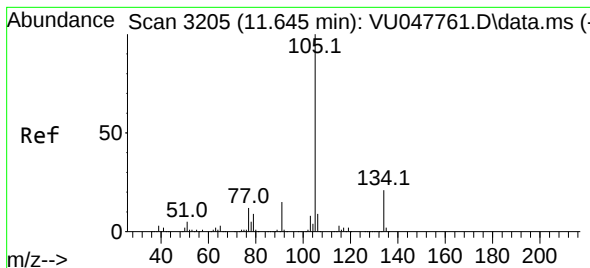
Tgt Ion:119 Resp: 250209
Ion Ratio Lower Upper
119 100
91 53.2 26.8 80.3
134 22.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 17.066 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:105 Resp: 252417
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 16.551 ug/l

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

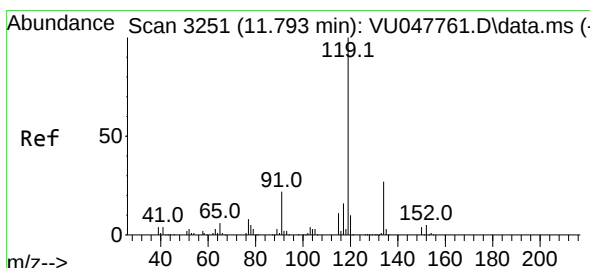
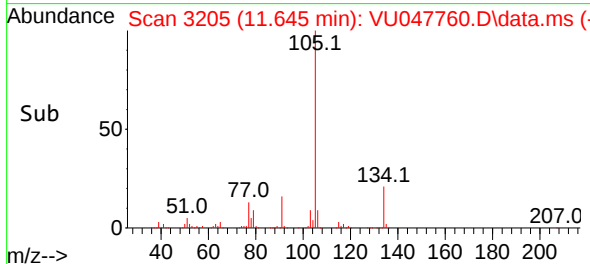
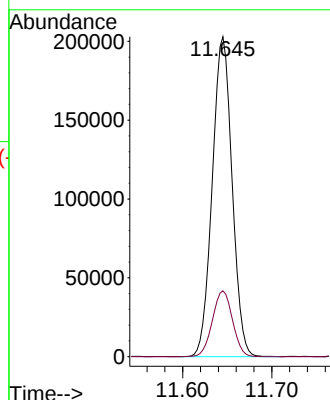
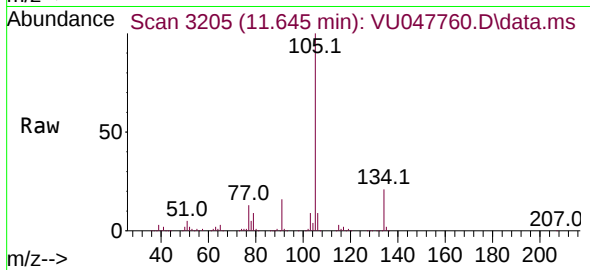
VSTDIC020

Tgt Ion:105 Resp: 312922

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 16.878 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

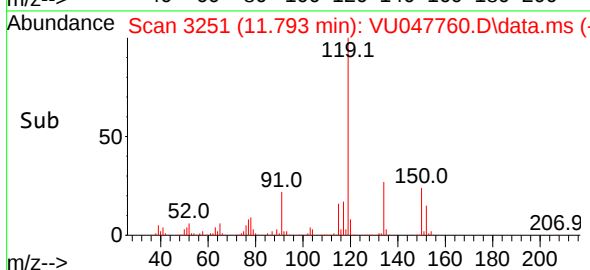
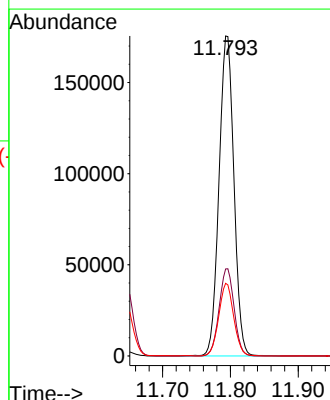
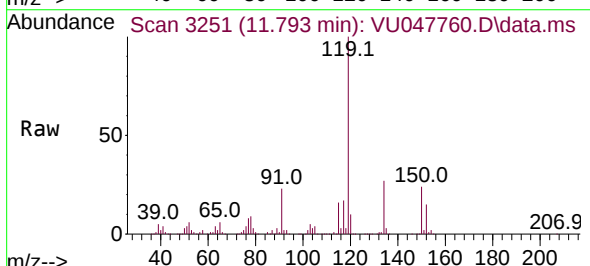
Tgt Ion:119 Resp: 267702

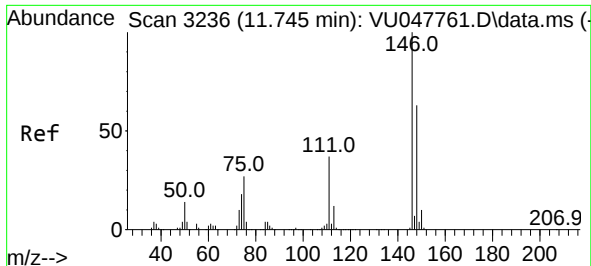
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.8 11.2 33.5

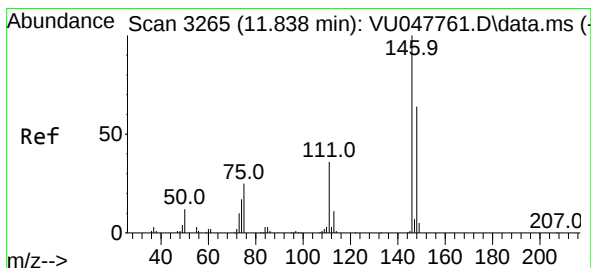
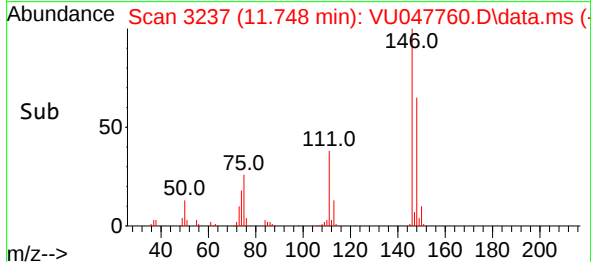
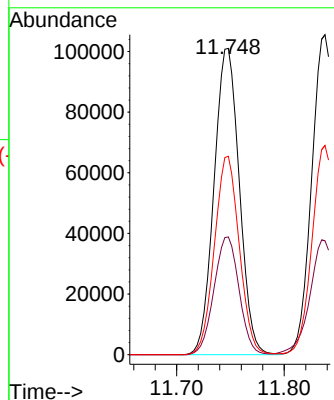
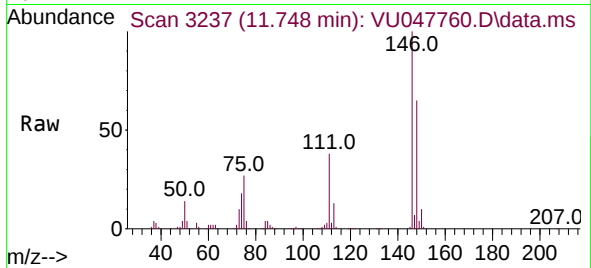




#87
1,3-Dichlorobenzene
Concen: 19.084 ug/l
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

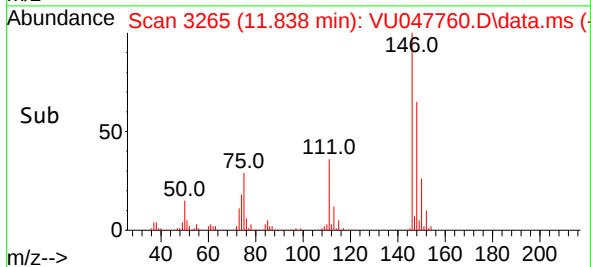
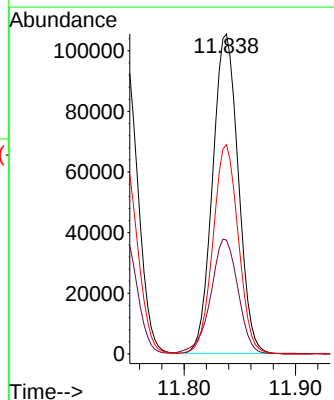
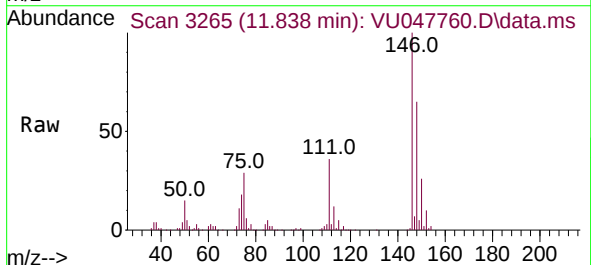
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

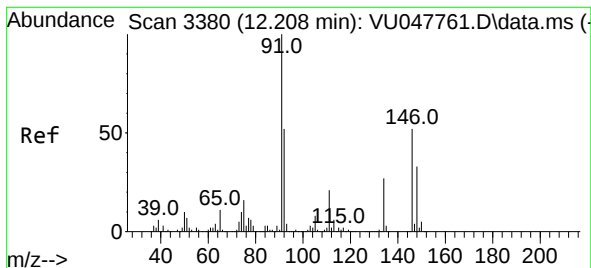
Tgt Ion:146 Resp: 165221
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.5
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.304 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:146 Resp: 168856
Ion Ratio Lower Upper
146 100
111 38.4 18.5 55.5
148 65.1 31.9 95.7





#89

n-Butylbenzene

Concen: 16.209 ug/l

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

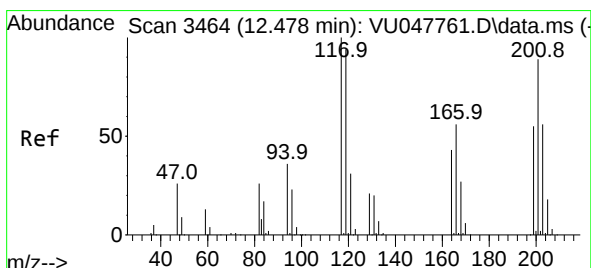
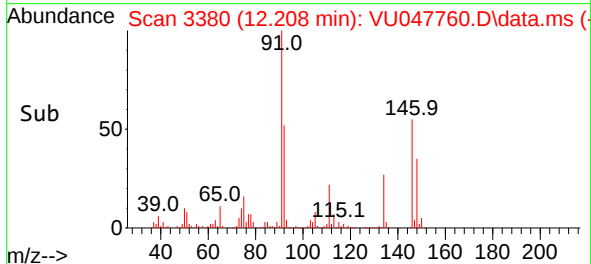
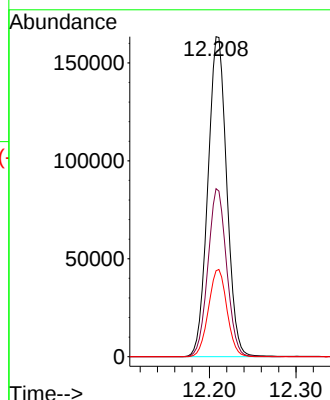
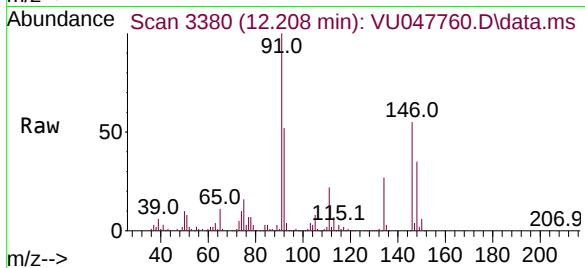
Tgt Ion: 91 Resp: 246554

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.6

134 26.7 13.5 40.4



#90

Hexachloroethane

Concen: 17.750 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU047760.D

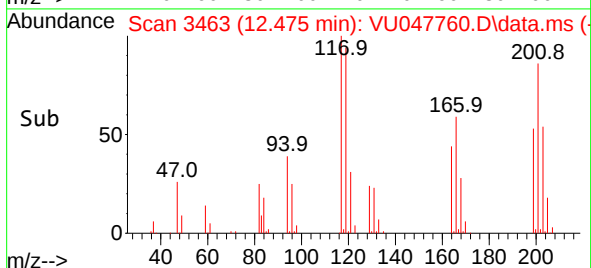
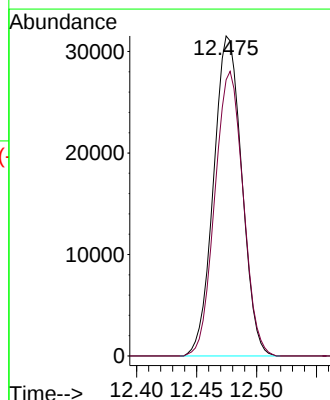
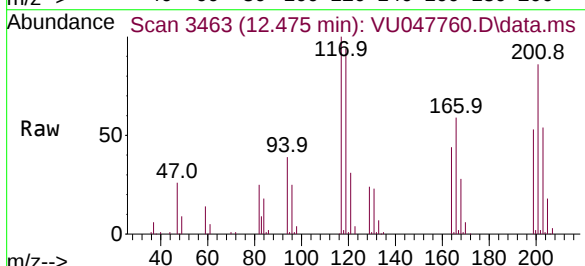
Acq: 30 Mar 2022 13:51

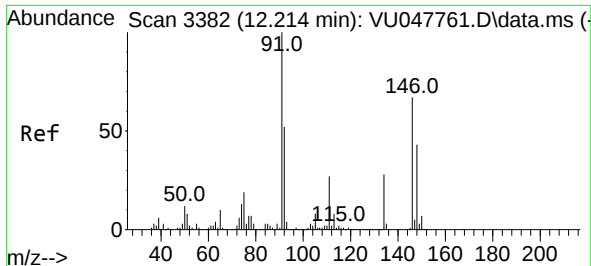
Tgt Ion: 117 Resp: 51626

Ion Ratio Lower Upper

117 100

201 89.2 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 19.528 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

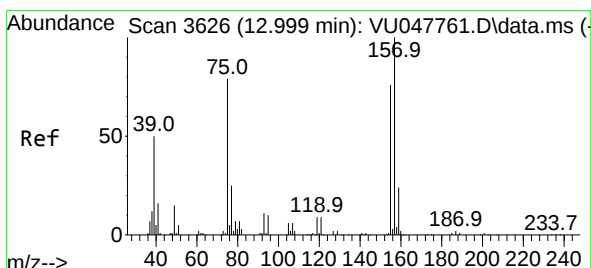
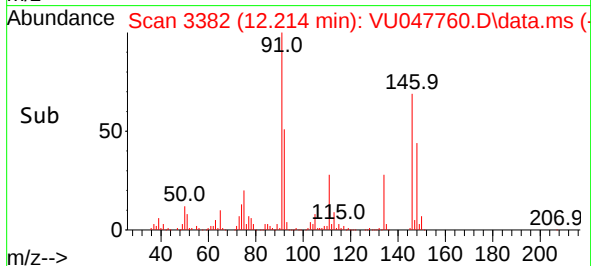
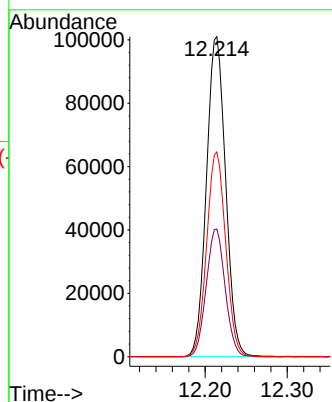
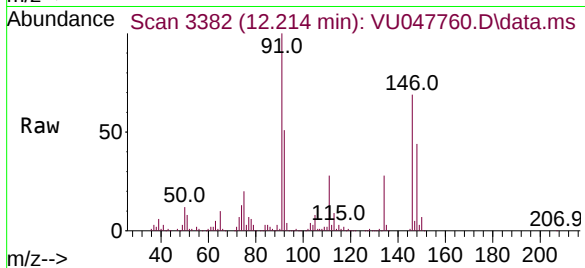
Tgt Ion:146 Resp: 164013

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.6

148 63.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.814 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047760.D

Acq: 30 Mar 2022 13:51

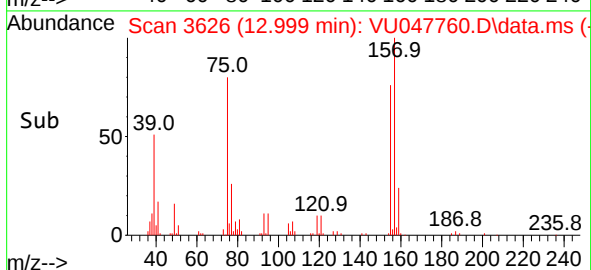
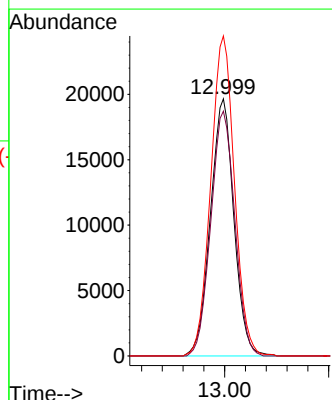
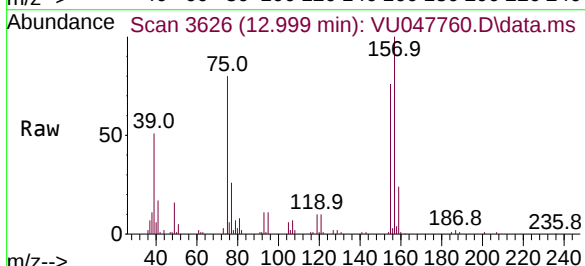
Tgt Ion: 75 Resp: 30821

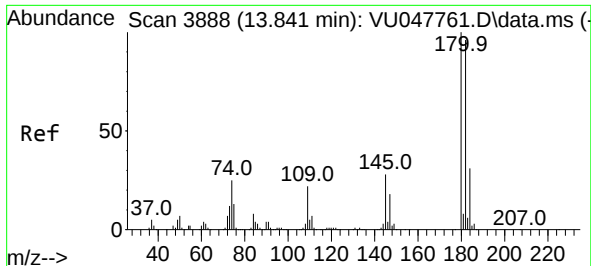
Ion Ratio Lower Upper

75 100

155 97.2 47.8 143.4

157 125.6 62.2 186.5

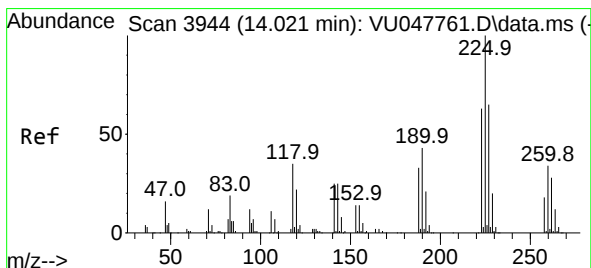
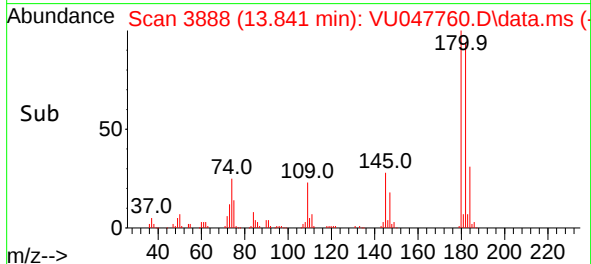
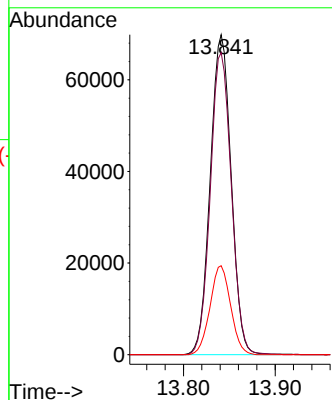
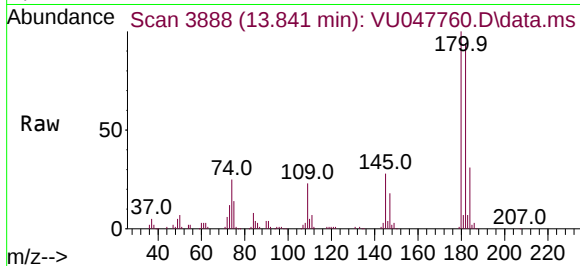




#93
 1,2,4-Trichlorobenzene
 Concen: 18.786 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

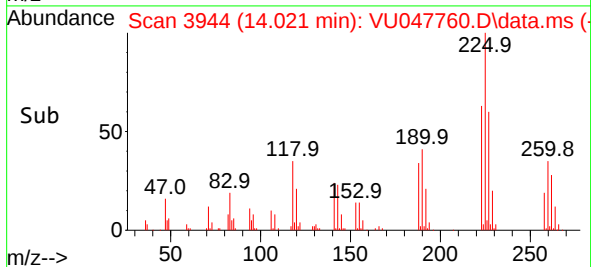
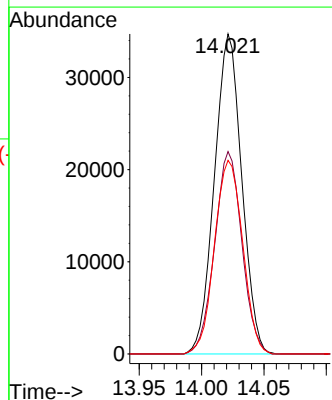
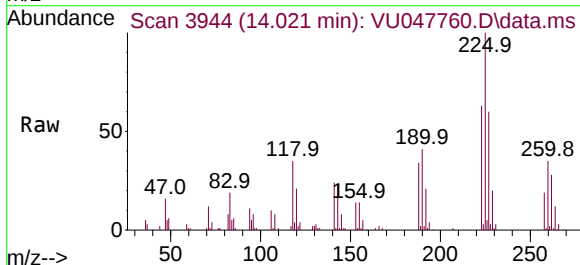
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

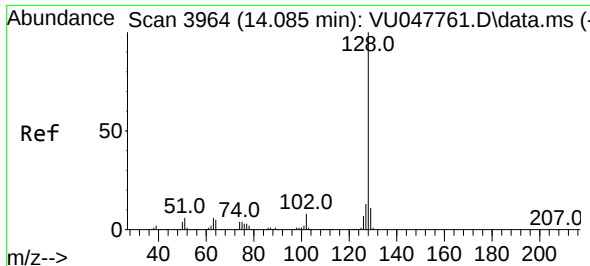
Tgt Ion:180 Resp: 110778
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.6
 145 27.4 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 20.141 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU047760.D
 Acq: 30 Mar 2022 13:51

Tgt Ion:225 Resp: 53014
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.9
 227 62.5 32.0 96.2

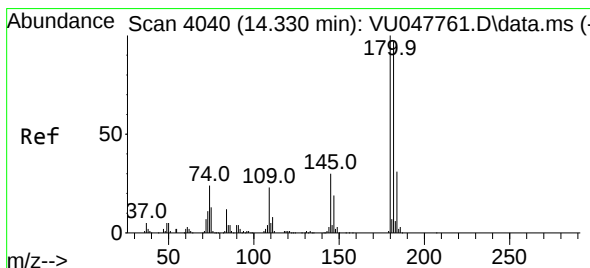
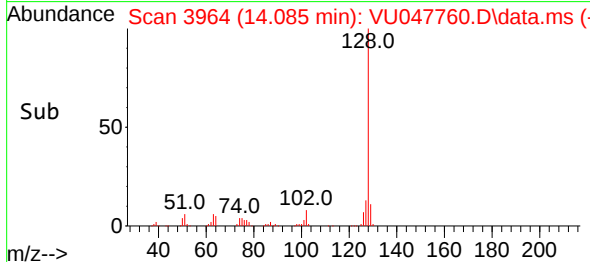
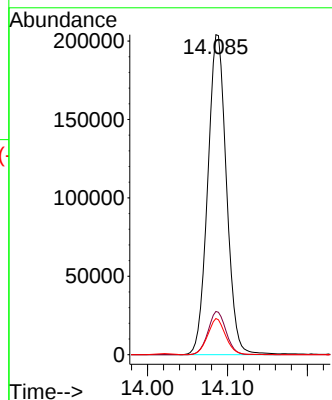
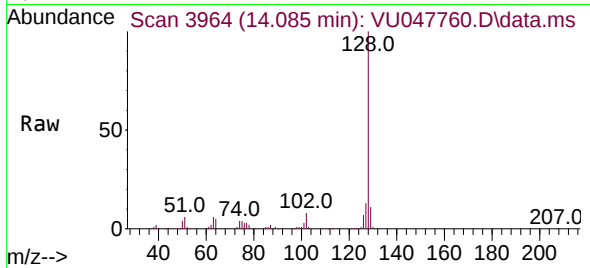




#95
Naphthalene
Concen: 16.905 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 332126
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.654 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047760.D
Acq: 30 Mar 2022 13:51

Tgt Ion:180 Resp: 109318
Ion Ratio Lower Upper
180 100
182 94.6 48.4 145.0
145 29.6 14.8 44.4

