

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
 Data File : VU047828.D
 Acq On : 06 Apr 2022 13:19
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Quant Time: Apr 07 05:54:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 07 05:50:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	55970	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21751	1.060	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	25140	1.255	ug/l	0.00
Spiked Amount 1.000			Recovery	=	126.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	305702	14.428	ug/l	100
3) Chloromethane	1.527	50	356045	15.947	ug/l	98
4) Vinyl Chloride	1.607	62	302458	13.403	ug/l	97
5) Bromomethane	1.861	94	169211	13.260	ug/l	98
6) Chloroethane	1.938	64	184521	12.559	ug/l	100
7) Trichlorofluoromethane	2.144	101	400226	14.867	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	232223	14.950	ug/l	99
9) 1,1-Dichloroethene	2.584	96	229989	15.705	ug/l	99
10) Iodomethane	2.726	142	161738	11.235	ug/l	99
11) Allyl Chloride	2.929	41	316982	15.008	ug/l	97
12) Acrylonitrile	3.327	53	111228	30.128	ug/l	100
13) Acetone	2.642	43	206676	49.430	ug/l	100
14) Carbon Disulfide	2.797	76	708457	15.819	ug/l	99
15) Methylene Chloride	3.051	84	264495	14.898	ug/l	99
16) trans-1,2-Dichloroethene	3.356	96	246282	15.676	ug/l	99
17) 1,1-Dichloroethane	3.874	63	412471	14.262	ug/l	99
18) 2-Butanone	4.723	43	308384	57.532	ug/l	99
19) Cyclohexane	5.391	56	304254	11.613	ug/l	90
20) Methylcyclohexane	6.764	83	396222	14.941	ug/l	99
21) 2,2-Dichloropropane	4.668	77	349160	14.213	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	270521	15.716	ug/l	100
23) Diethyl Ether	2.382	59	171978	12.847	ug/l	99
24) tert-Butyl Alcohol	3.240	59	149959	132.452	ug/l	99
25) Methyl tert-Butyl Ether	3.372	73	571532	14.248	ug/l	98
26) Bromochloromethane	4.980	128	127048	16.840	ug/l	99
27) Chloroform	5.092	83	436144	14.556	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	374232	15.216	ug/l	99
29) 1,1-Dichloropropene	5.530	75	333312	14.939	ug/l	99
30) Carbon Tetrachloride	5.527	117	329072	16.919	ug/l	99
31) Isopropyl Ether	4.002	45	608271	13.509	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	595336	13.194	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	553689	13.767	ug/l	100
34) Propionitrile	4.793	54	98069	70.941	ug/l	98
35) Benzene	5.777	78	961010	14.850	ug/l	100
36) 1,2-Dichloroethane	5.800	62	275977	13.523	ug/l	100
37) Trichloroethene	6.546	130	275579	17.076	ug/l	99
38) 1,2-Dichloropropane	6.797	63	245168	14.660	ug/l	99
39) Methacrylonitrile	4.983	41	73401	13.464	ug/l	97
40) Methyl acrylate	4.854	55	131374	14.698	ug/l	99
41) Tetrahydrofuran	5.070	42	77063	24.935	ug/l	99
42) 1-Chlorobutane	5.462	56	430012	13.602	ug/l	98
43) Dibromomethane	6.922	93	138141	16.313	ug/l	100
44) Bromodichloromethane	7.108	83	323522	15.509	ug/l	100

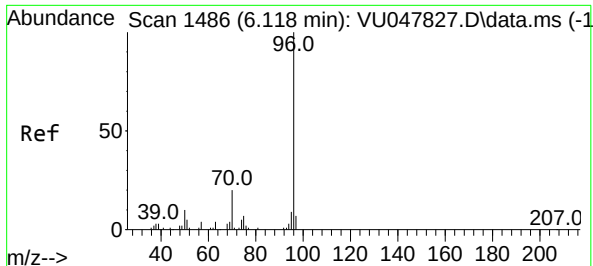
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 07 05:50:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	783059	70.285	ug/l	100
46) t-1,4-Dichloro-2-butene	10.829	75	333947	82.741	ug/l #	55
47) Methyl methacrylate	6.964	69	248729	29.821	ug/l	100
48) Ethyl methacrylate	8.337	69	240601	14.802	ug/l	99
49) Toluene	7.973	92	625965	15.659	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	310030	15.357	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	354172	15.064	ug/l	99
52) 1,1,2-Trichloroethane	8.404	97	199848	16.397	ug/l	99
53) 1,3-Dichloropropane	8.578	76	328115	14.715	ug/l	99
54) 2-Hexanone	8.690	43	571195	66.976	ug/l	98
55) Dibromochloromethane	8.813	129	241588	18.473	ug/l	100
56) 1,2-Dibromoethane	8.925	107	192190	16.701	ug/l	99
58) Tetrachloroethene	8.555	164	250200	17.090	ug/l	99
59) Chlorobenzene	9.449	112	715045	16.998	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	253859	17.910	ug/l	100
61) Pentachloroethane	11.430	117	207721	19.845	ug/l	98
62) Hexachloroethane	12.478	117	201529	18.717	ug/l	99
63) Ethyl Benzene	9.571	91	1199929	16.181	ug/l	100
64) m/p-Xylenes	9.697	106	960823	33.826	ug/l	99
65) o-Xylene	10.102	106	460345	16.658	ug/l	98
66) Styrene	10.115	104	794038	17.439	ug/l	99
67) Bromoform	10.292	173	156992	21.971	ug/l	100
69) Isopropylbenzene	10.485	105	1225414	16.879	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.784	83	260835	16.626	ug/l	99
71) 1,2,3-Trichloropropane	10.829	75	333947	25.650	ug/l	79
72) Bromobenzene	10.784	156	327664	19.503	ug/l	99
73) n-propylbenzene	10.909	120	355198	18.385	ug/l	100
74) 2-Chlorotoluene	10.989	126	310223	18.422	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	1042217	17.167	ug/l	100
76) 4-Chlorotoluene	11.099	126	333697	19.219	ug/l	99
77) tert-Butylbenzene	11.423	119	1045724	17.617	ug/l	100
78) 1,2,4-Trimethylbenzene	11.468	105	1054839	17.021	ug/l	100
79) sec-Butylbenzene	11.645	105	1377475	16.951	ug/l	100
80) Nitrobenzene	13.208	77	55519	118.925	ug/l	99
81) p-Isopropyltoluene	11.796	119	1190109	18.116	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	650360	19.371	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	654691	19.650	ug/l	100
84) n-Butylbenzene	12.211	91	1116793	17.994	ug/l	100
85) 1,2-Dichlorobenzene	12.214	146	630977	19.757	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	43861	17.016	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	486638	23.830	ug/l	99
88) Hexachlorobutadiene	14.025	225	279624	27.483	ug/l	100
89) Naphthalene	14.089	128	836353	21.822	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	447058	23.586	ug/l	99

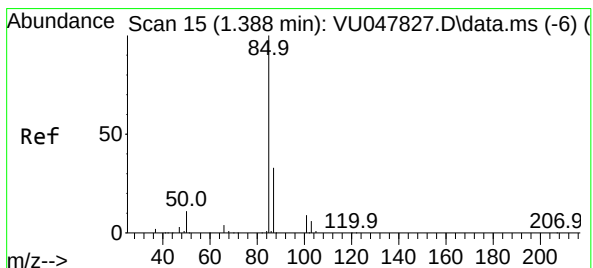
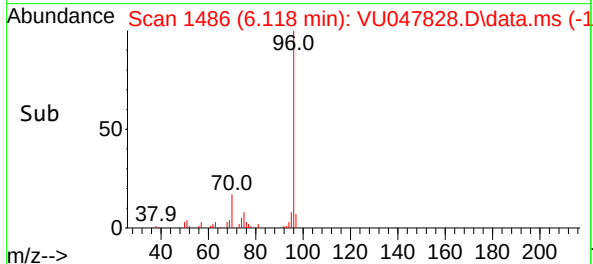
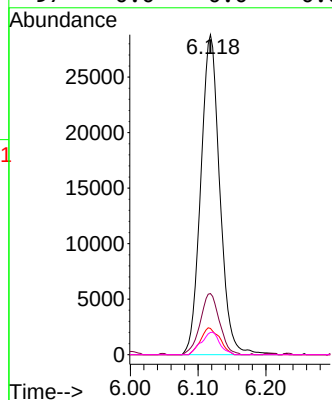
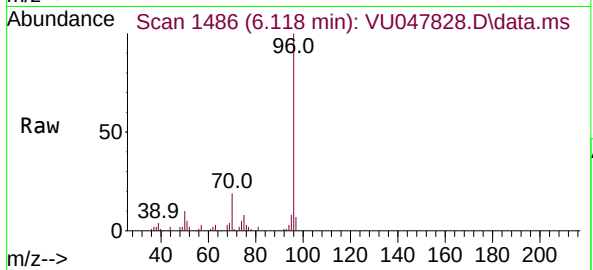
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047828.D
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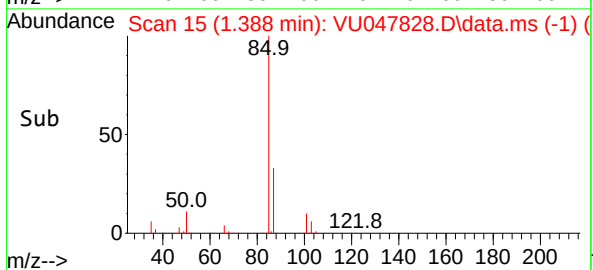
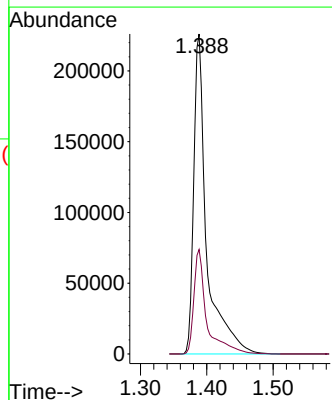
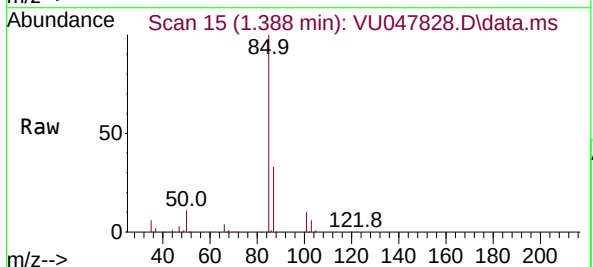
Instrument :
MSVOA_U
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VSTDICC015

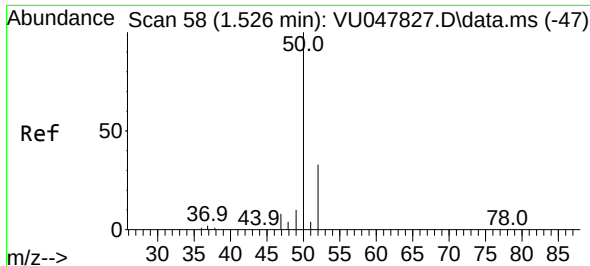
Tgt Ion:	96	Resp:	55970
Ion	Ratio	Lower	Upper
96	100		
70	19.4	15.4	23.0
95	0.0	7.6	11.4
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 14.428 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:	85	Resp:	305702
Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.4	49.4

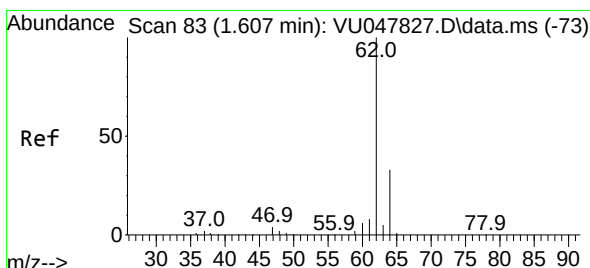
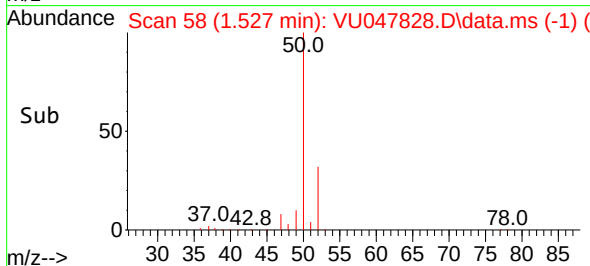
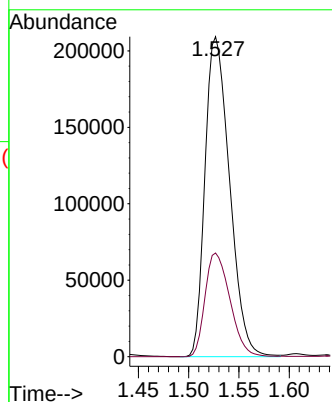
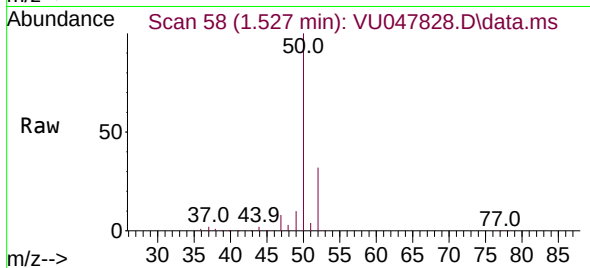




#3
Chloromethane
Concen: 15.947 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

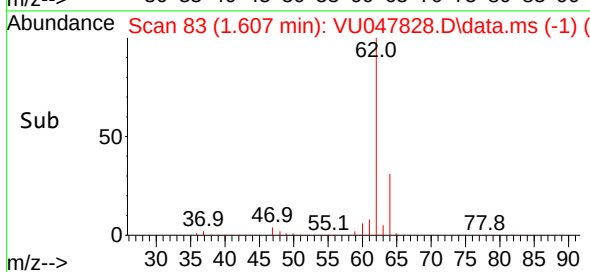
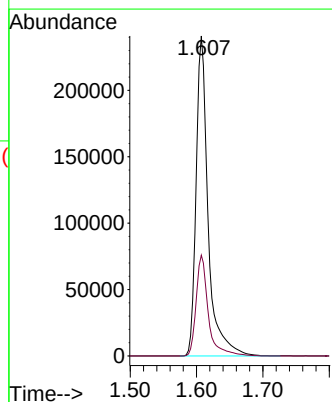
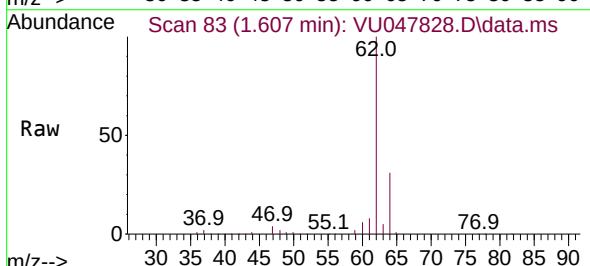
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

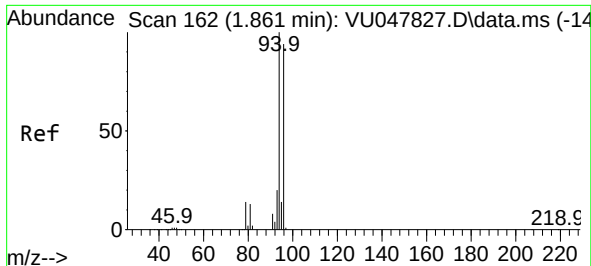
Tgt Ion: 50 Resp: 356045
Ion Ratio Lower Upper
50 100
52 32.4 26.7 40.1



#4
Vinyl Chloride
Concen: 13.403 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 62 Resp: 302458
Ion Ratio Lower Upper
62 100
64 31.5 26.4 39.6

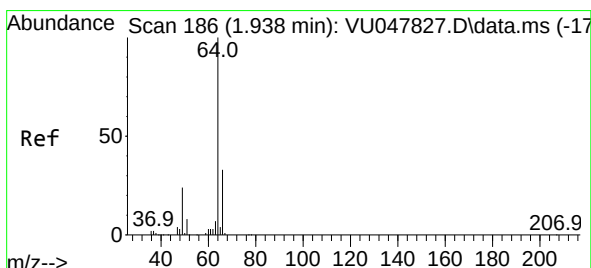
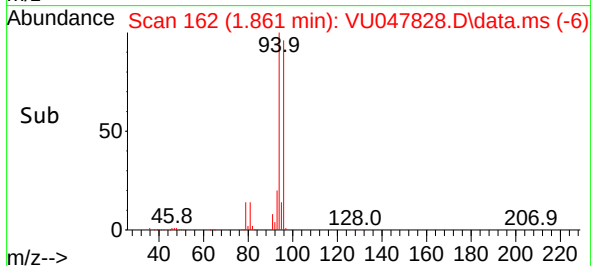
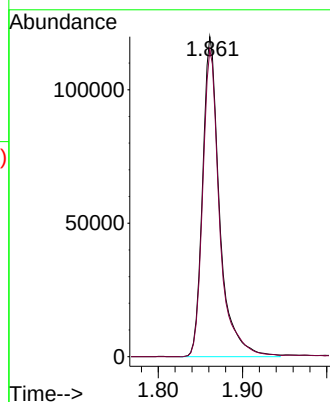
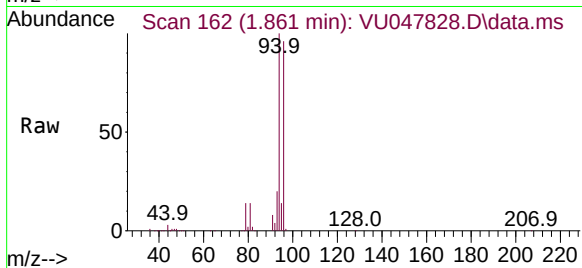




#5
Bromomethane
Concen: 13.260 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

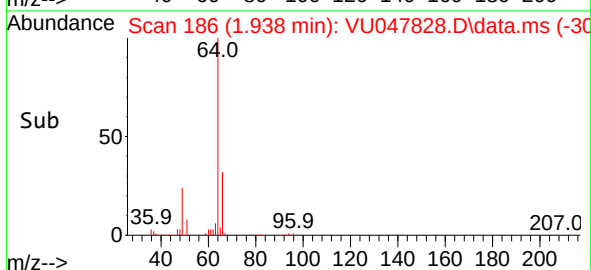
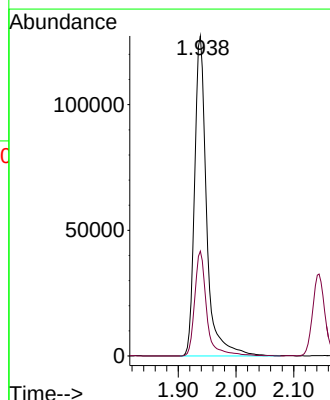
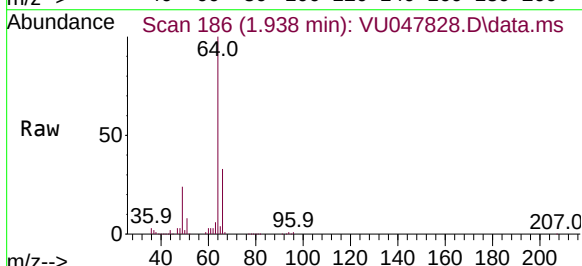
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ClientSampleId :
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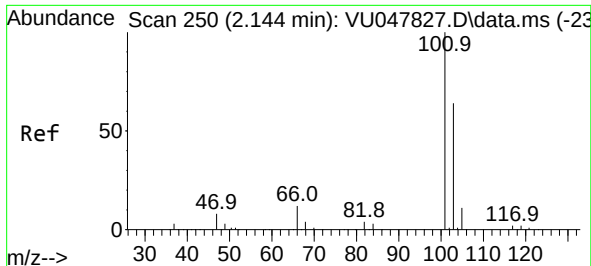
Tgt Ion: 94 Resp: 169211
Ion Ratio Lower Upper
94 100
96 95.9 75.3 112.9



#6
Chloroethane
Concen: 12.559 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 64 Resp: 184521
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2

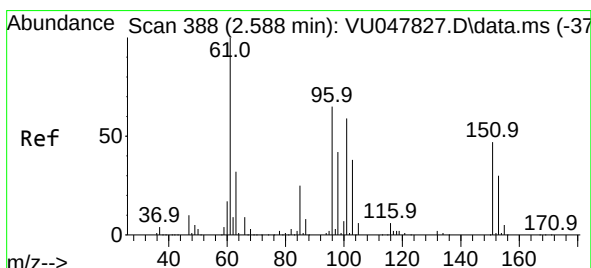
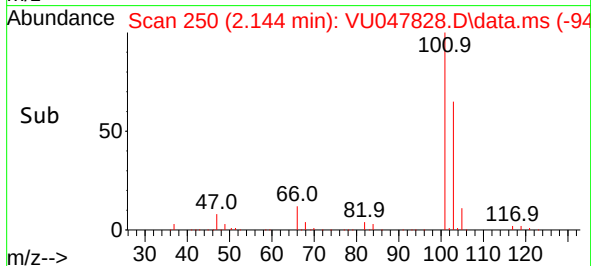
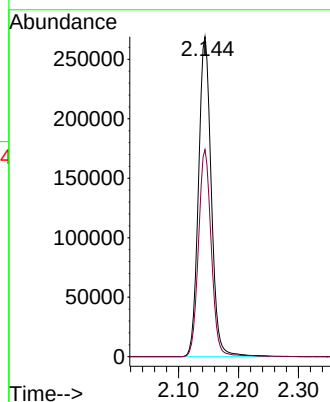
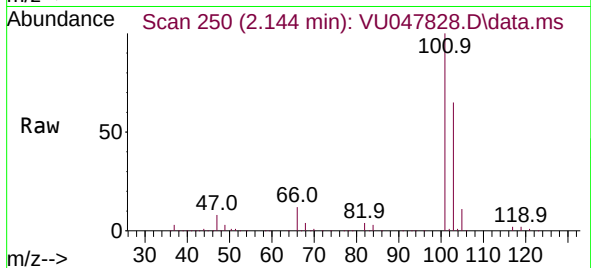




#7
 Trichlorofluoromethane
 Concen: 14.867 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

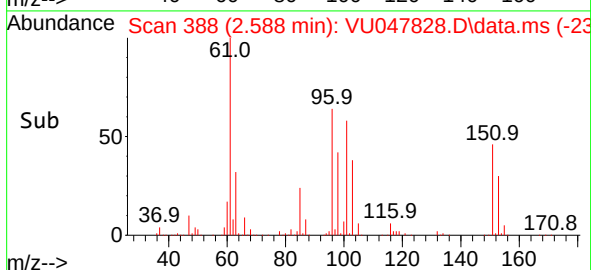
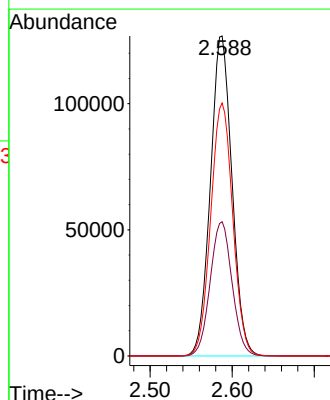
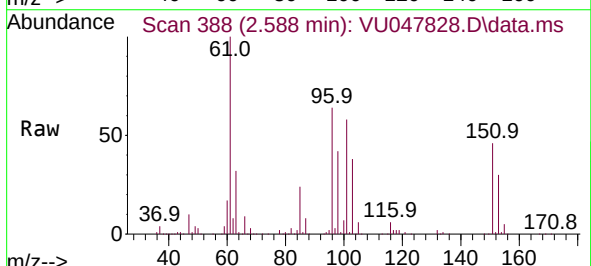
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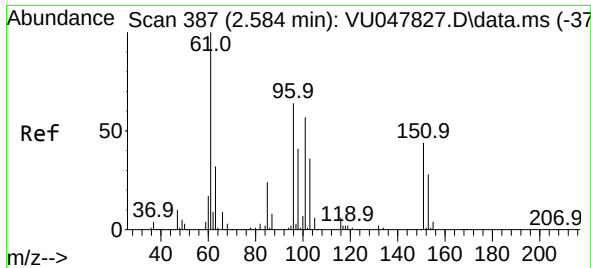
Tgt Ion:101 Resp: 400226
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.3 76.9



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.950 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

Tgt Ion:101 Resp: 232223
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.4 50.2
 151 80.7 63.8 95.8

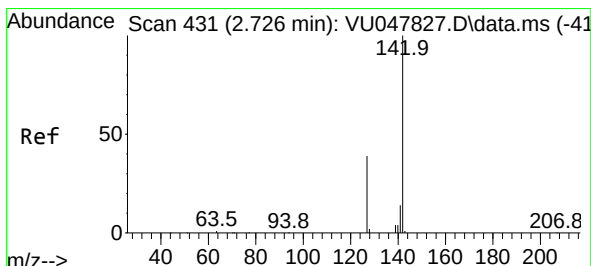
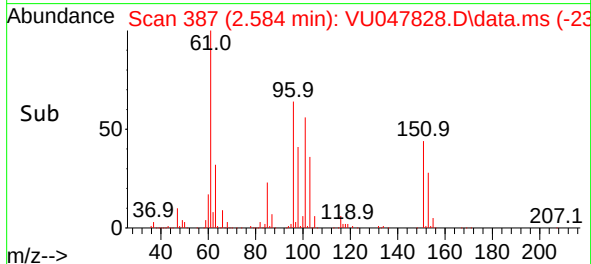
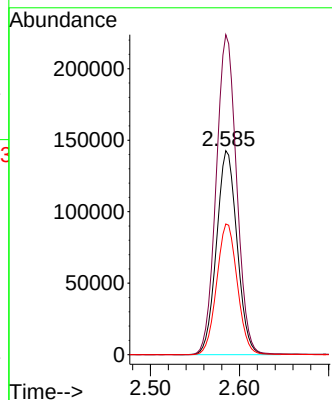
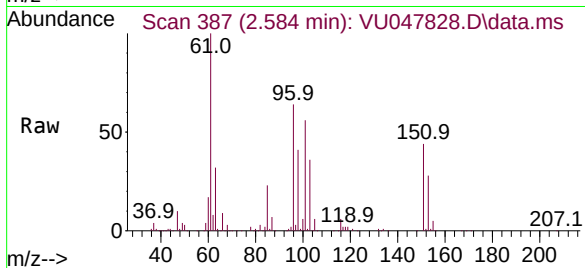




#9
1,1-Dichloroethene
Concen: 15.705 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

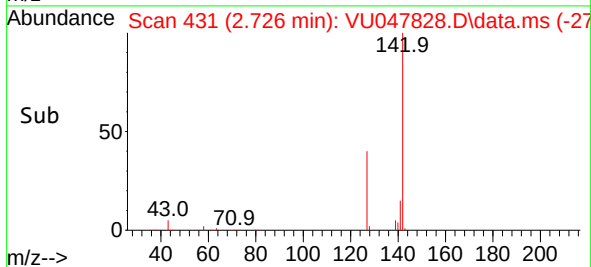
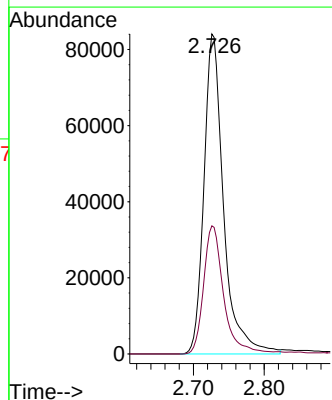
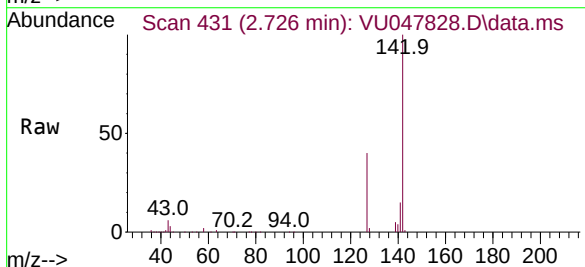
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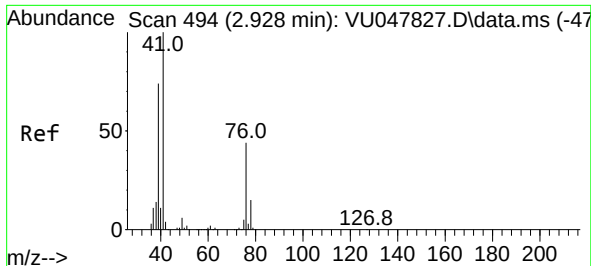
Tgt Ion: 96 Resp: 229989
Ion Ratio Lower Upper
96 100
61 156.9 0.0 466.5
98 64.1 0.0 128.0



#10
Iodomethane
Concen: 11.235 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 142 Resp: 161738
Ion Ratio Lower Upper
142 100
127 40.8 32.1 48.1

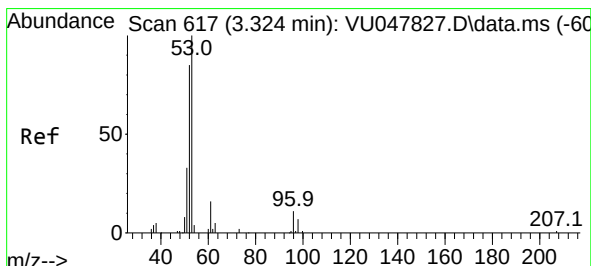
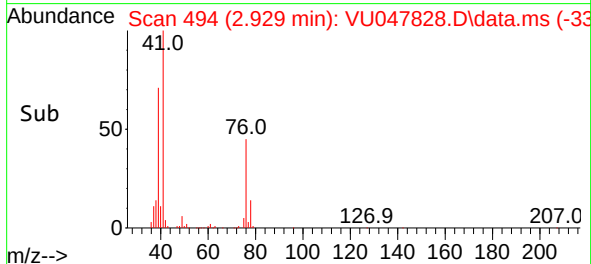
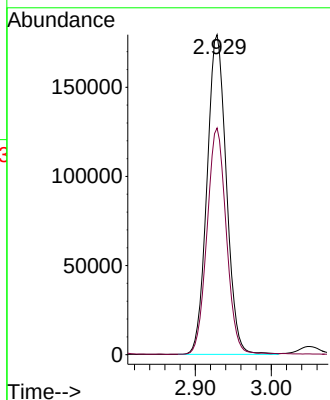
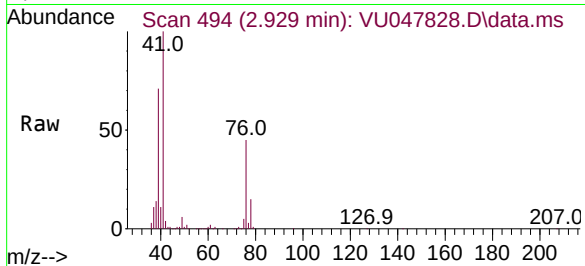




#11
 Allyl Chloride
 Concen: 15.008 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

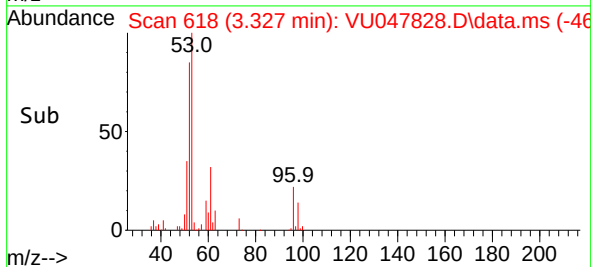
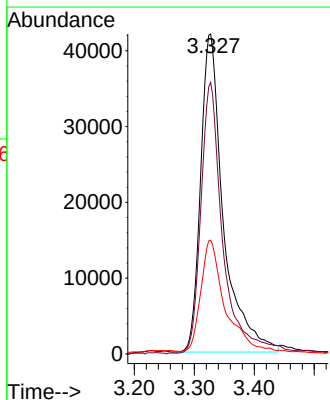
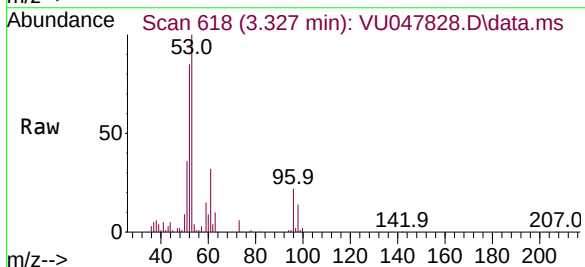
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

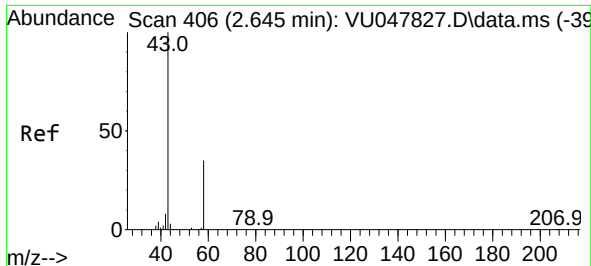
Tgt Ion: 41 Resp: 316982
 Ion Ratio Lower Upper
 41 100
 39 70.3 58.3 87.5



#12
 Acrylonitrile
 Concen: 30.128 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

Tgt Ion: 53 Resp: 111228
 Ion Ratio Lower Upper
 53 100
 52 81.8 65.5 98.3
 51 36.9 29.6 44.4





#13

Acetone

Concen: 49.430 ug/l

RT: 2.642 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

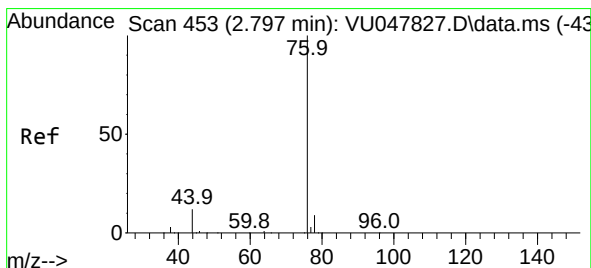
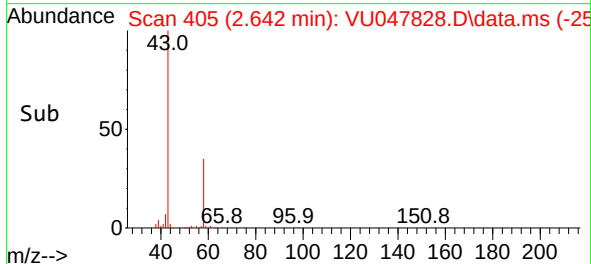
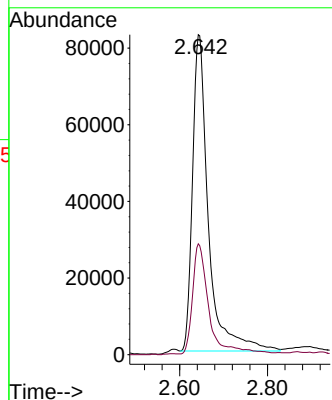
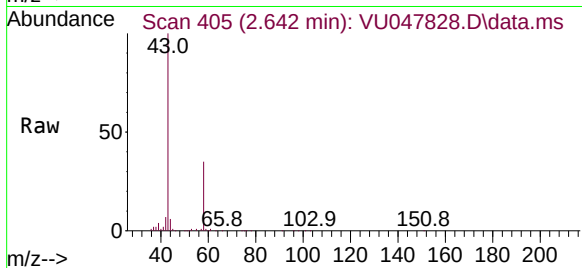
VSTDICC015

Tgt Ion: 43 Resp: 206676

Ion Ratio Lower Upper

43 100

58 34.8 28.0 42.0



#14

Carbon Disulfide

Concen: 15.819 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU047828.D

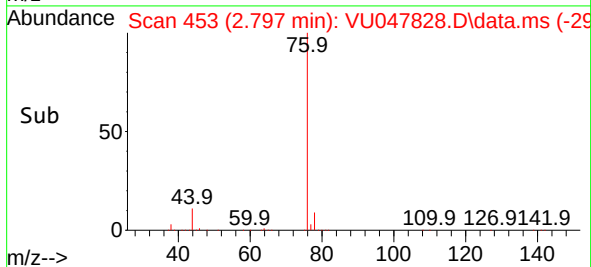
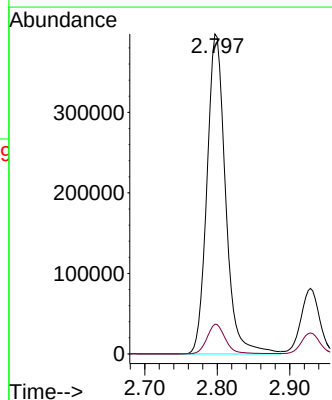
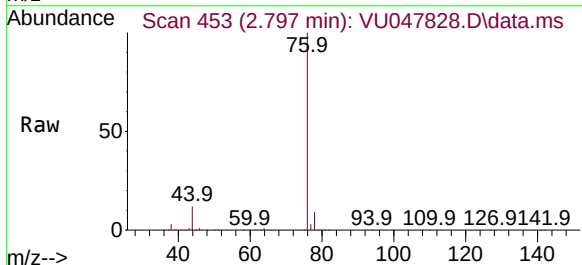
Acq: 06 Apr 2022 13:19

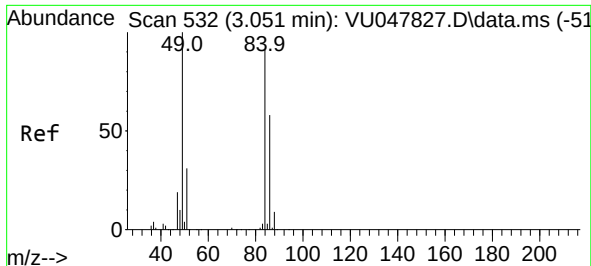
Tgt Ion: 76 Resp: 708457

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

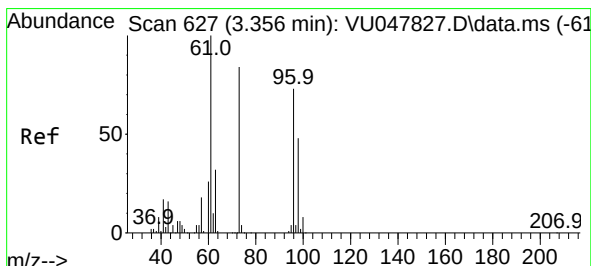
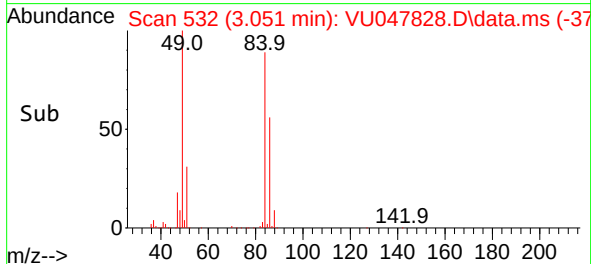
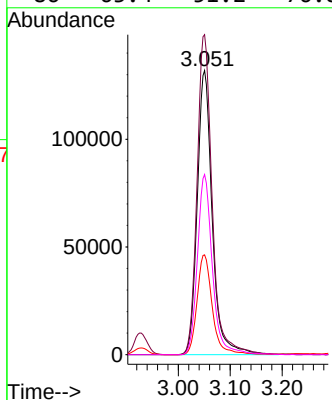
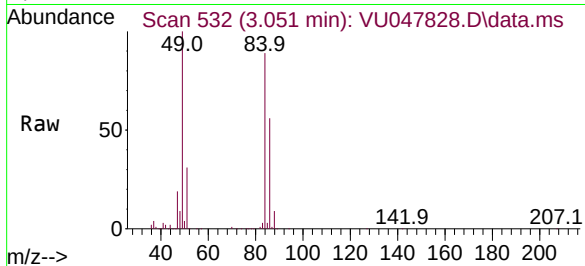




#15
Methylene Chloride
Concen: 14.898 ug/l
RT: 3.051 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

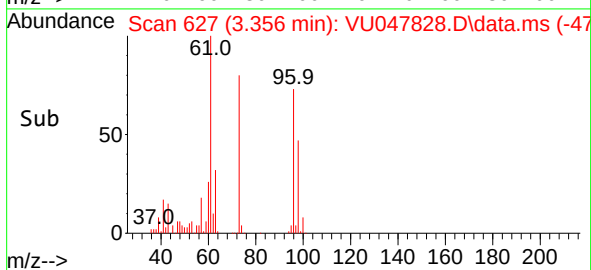
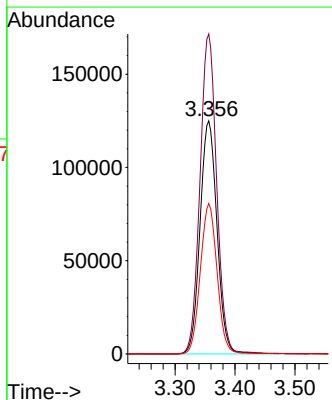
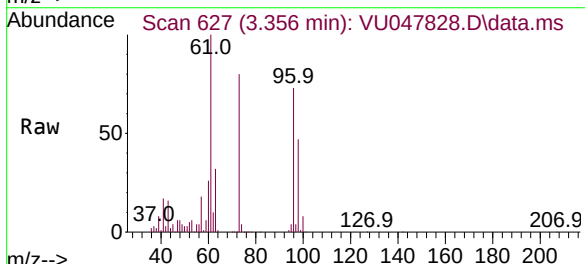
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

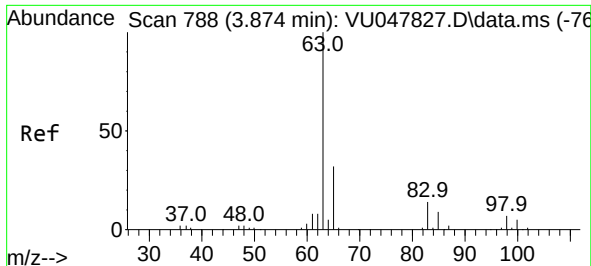
Tgt Ion:	84	Resp:	264495
Ion	Ratio	Lower	Upper
84	100		
49	112.6	88.4	132.6
51	35.2	0.0	69.8
86	63.4	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 15.676 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:	96	Resp:	246282
Ion	Ratio	Lower	Upper
96	100		
61	137.3	109.2	163.8
98	64.5	52.0	78.0

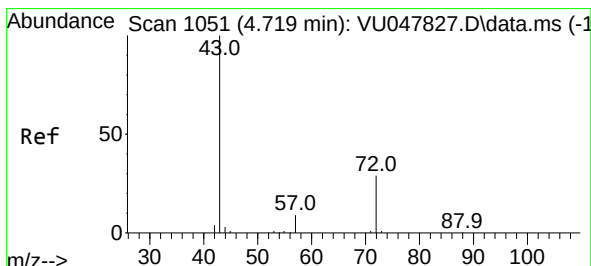
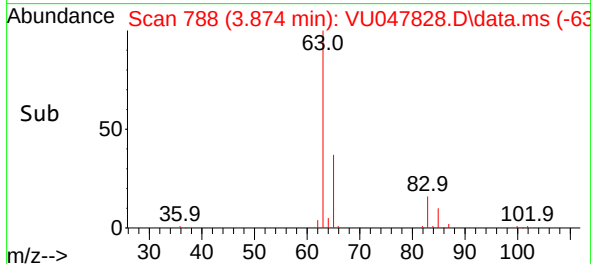
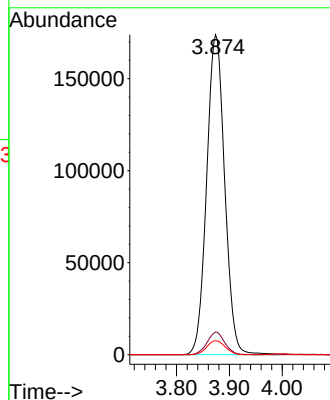
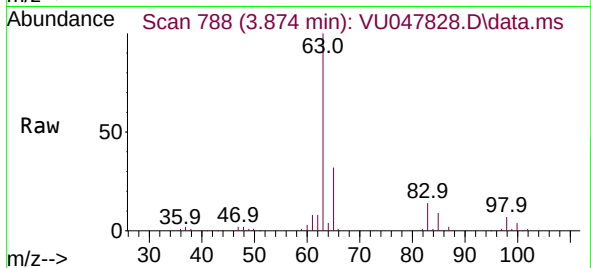




#17
1,1-Dichloroethane
Concen: 14.262 ug/l
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

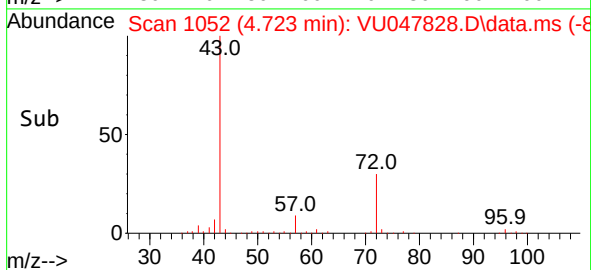
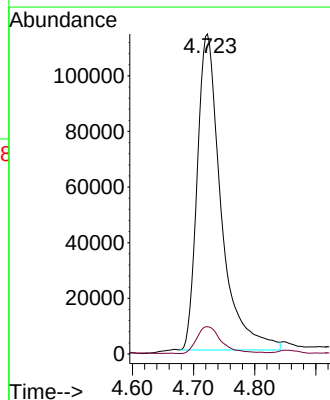
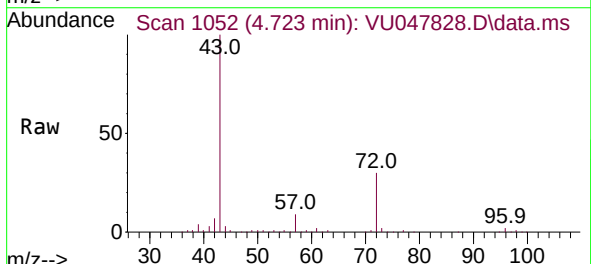
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

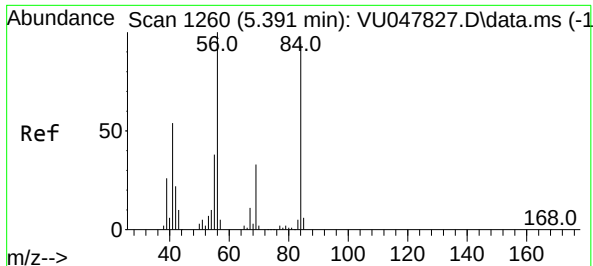
Tgt Ion: 63 Resp: 412471
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.8
100 4.4 2.4 7.2



#18
2-Butanone
Concen: 57.532 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.003 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 43 Resp: 308384
Ion Ratio Lower Upper
43 100
57 8.5 0.0 17.4





#19

Cyclohexane

Concen: 11.613 ug/l

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

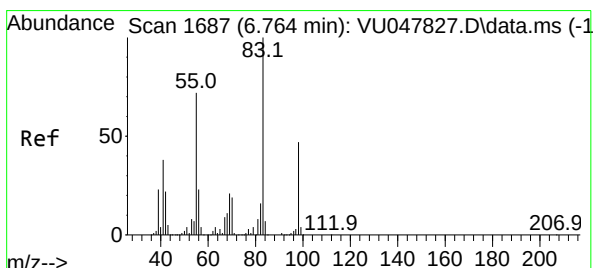
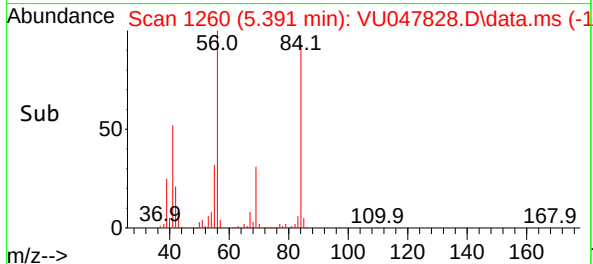
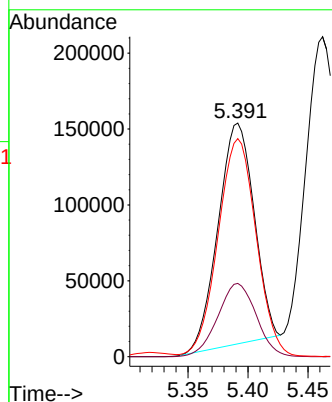
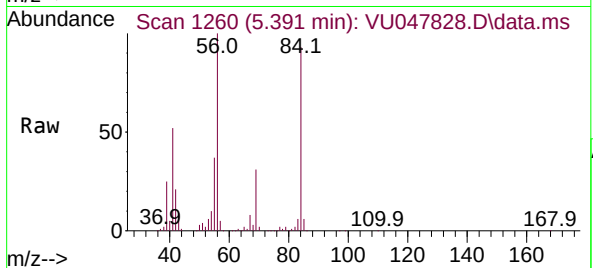
Tgt Ion: 56 Resp: 304254

Ion Ratio Lower Upper

56 100

69 35.4 25.4 38.0

84 103.2 74.0 111.0



#20

Methylcyclohexane

Concen: 14.941 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

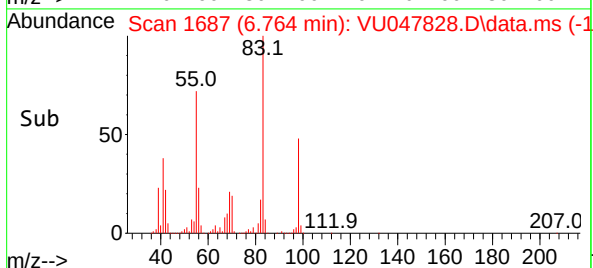
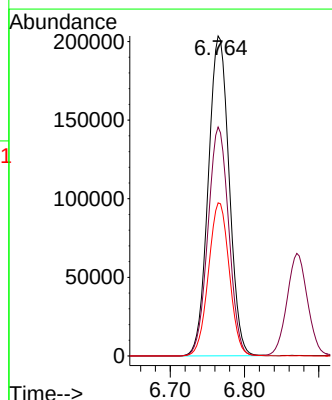
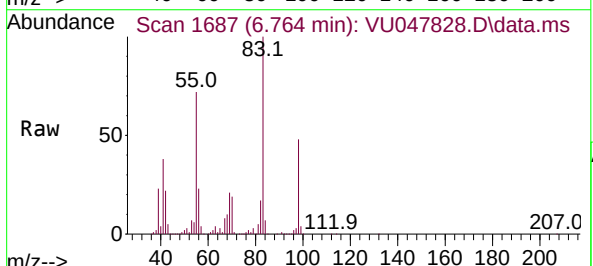
Tgt Ion: 83 Resp: 396222

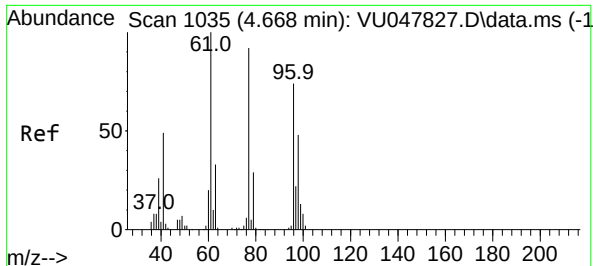
Ion Ratio Lower Upper

83 100

55 71.2 58.0 87.0

98 47.8 37.9 56.9





#21

2,2-Dichloropropane

Concen: 14.213 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

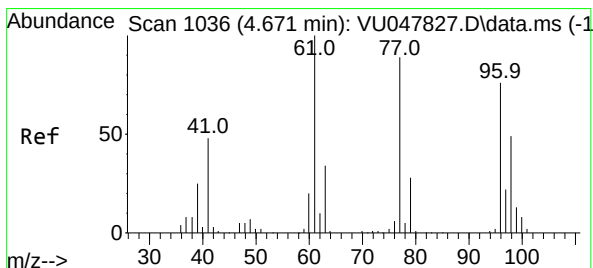
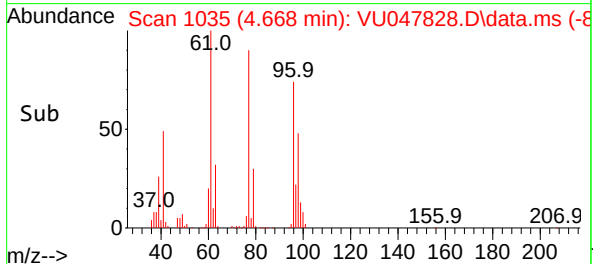
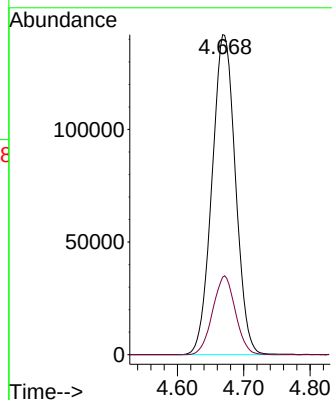
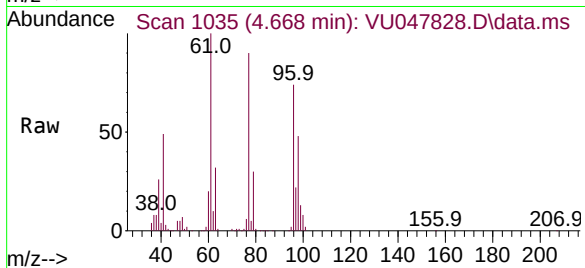
VSTDIC015

Tgt Ion: 77 Resp: 349160

Ion Ratio Lower Upper

77 100

97 23.9 19.3 28.9



#22

cis-1,2-Dichloroethene

Concen: 15.716 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

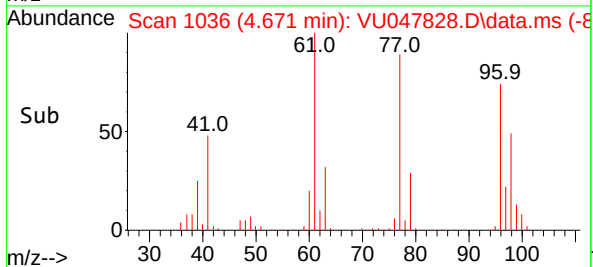
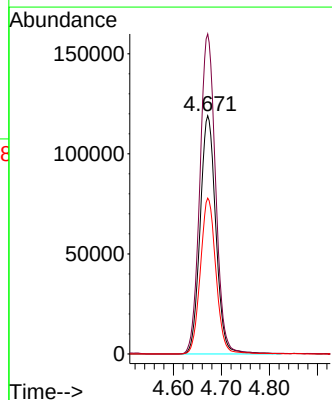
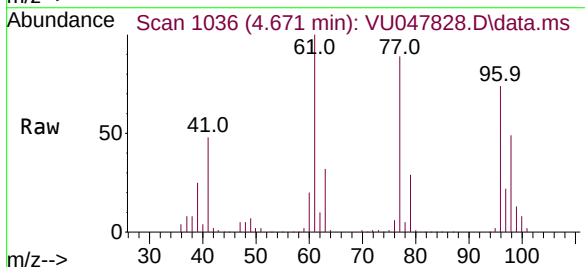
Tgt Ion: 96 Resp: 270521

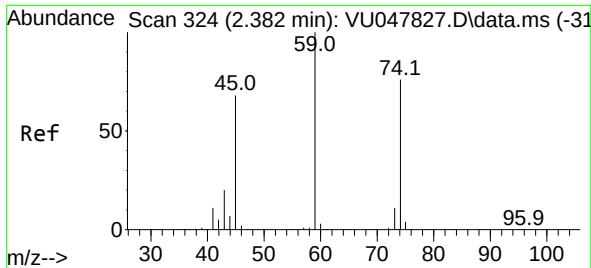
Ion Ratio Lower Upper

96 100

61 134.9 0.0 337.8

98 64.8 32.5 97.5





#23

Diethyl Ether

Concen: 12.847 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

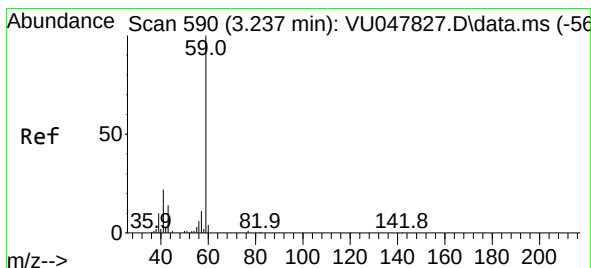
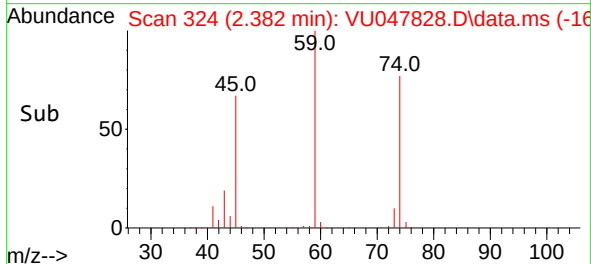
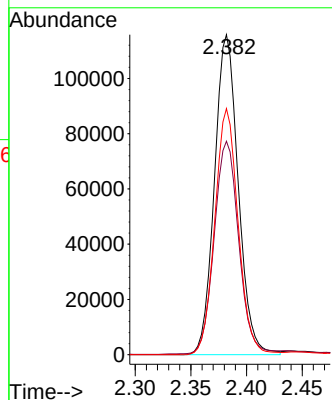
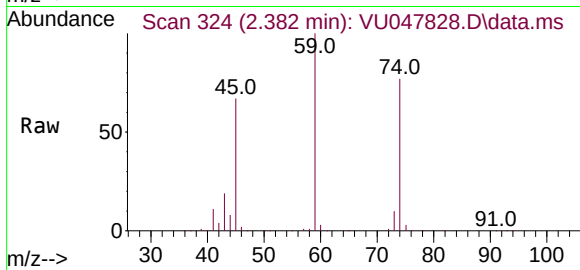
Tgt Ion: 59 Resp: 171978

Ion Ratio Lower Upper

59 100

45 68.9 55.8 83.6

74 75.6 60.6 91.0



#24

tert-Butyl Alcohol

Concen: 132.452 ug/l

RT: 3.240 min Scan# 591

Delta R.T. 0.003 min

Lab File: VU047828.D

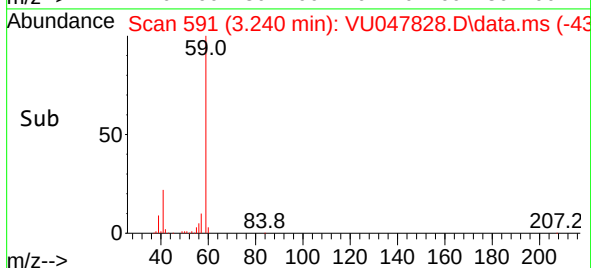
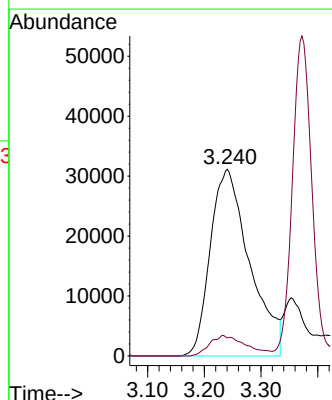
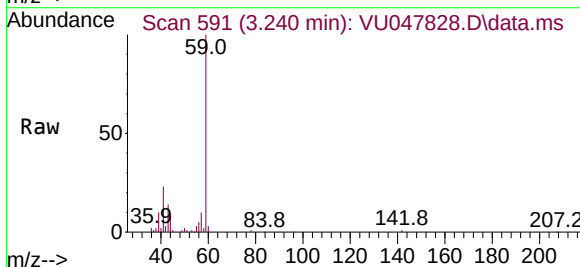
Acq: 06 Apr 2022 13:19

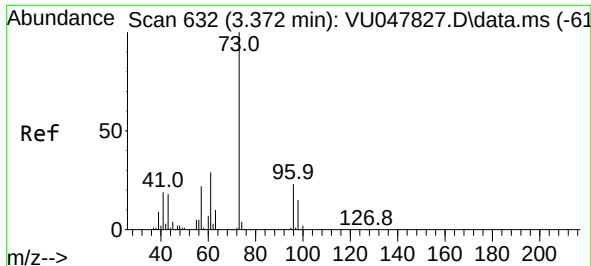
Tgt Ion: 59 Resp: 149959

Ion Ratio Lower Upper

59 100

57 10.3 8.4 12.6

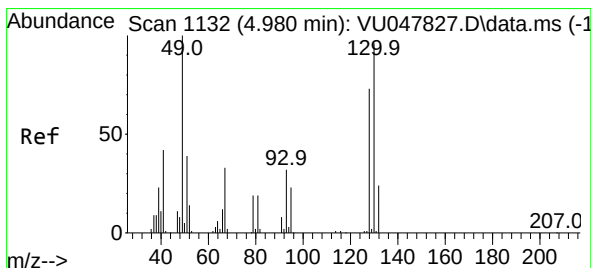
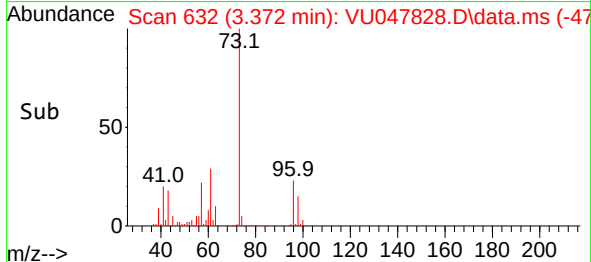
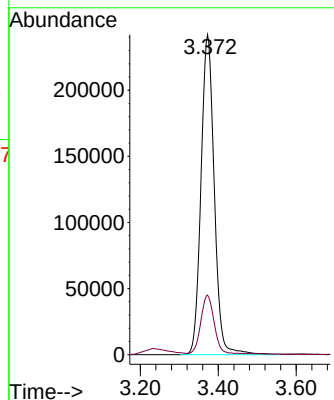
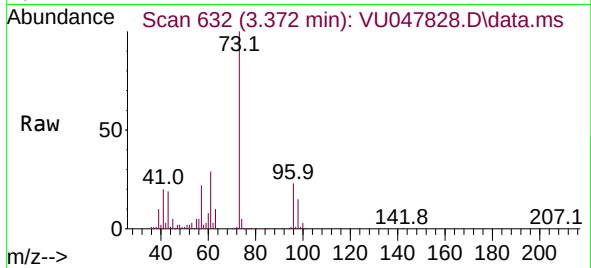




#25
Methyl tert-Butyl Ether
Concen: 14.248 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

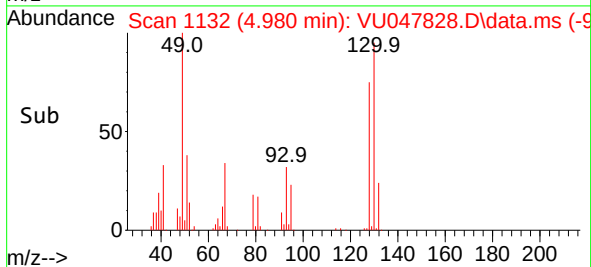
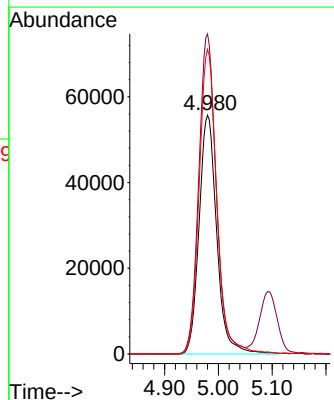
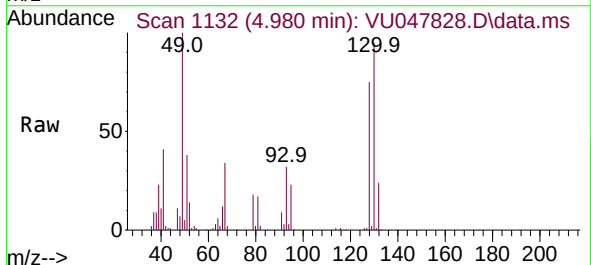
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

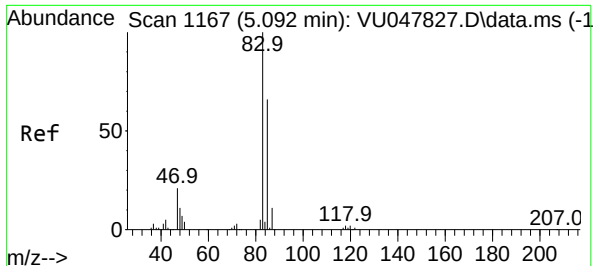
Tgt Ion: 73 Resp: 571532
Ion Ratio Lower Upper
73 100
43 18.0 15.2 22.8



#26
Bromochloromethane
Concen: 16.840 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 128 Resp: 127048
Ion Ratio Lower Upper
128 100
49 132.9 0.0 268.4
130 128.2 102.9 154.3





#27

Chloroform

Concen: 14.556 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

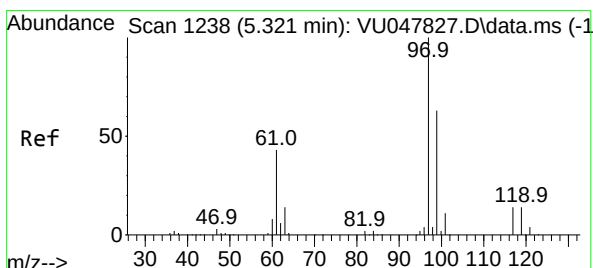
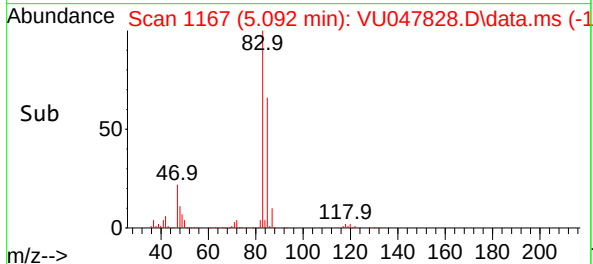
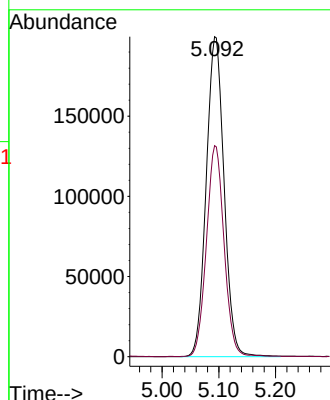
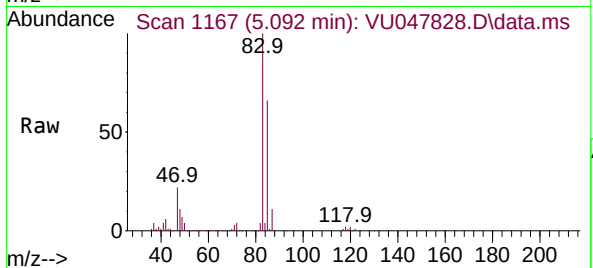
VSTDIC015

Tgt Ion: 83 Resp: 436144

Ion Ratio Lower Upper

83 100

85 65.9 0.0 131.6



#28

1,1,1-Trichloroethane

Concen: 15.216 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

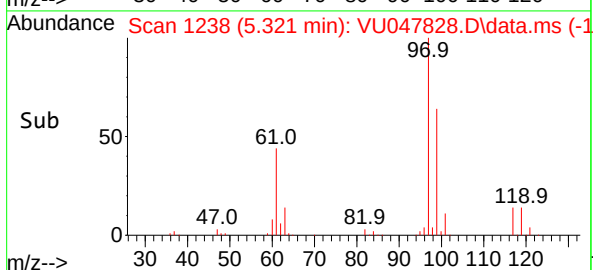
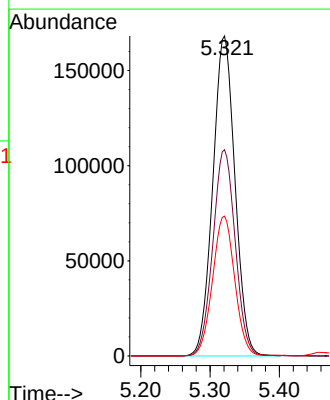
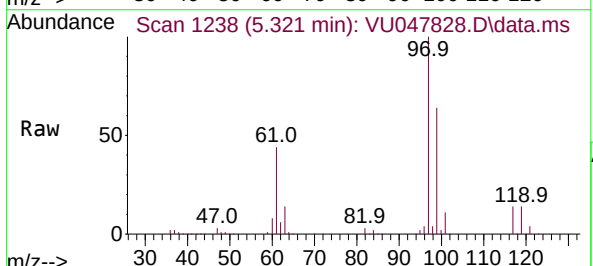
Tgt Ion: 97 Resp: 374232

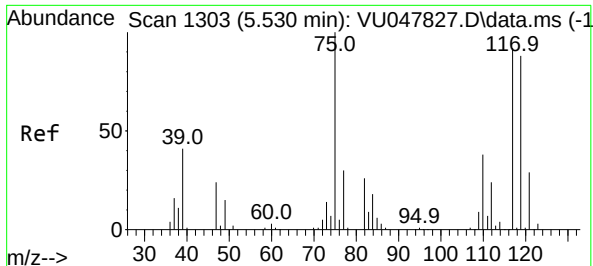
Ion Ratio Lower Upper

97 100

99 65.1 31.9 95.5

61 43.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 14.939 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

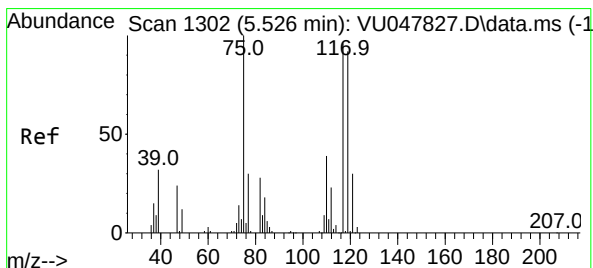
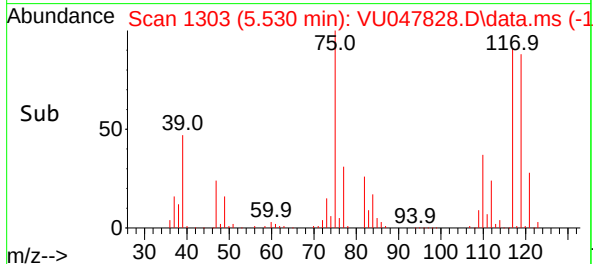
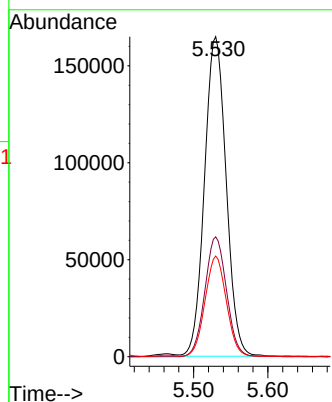
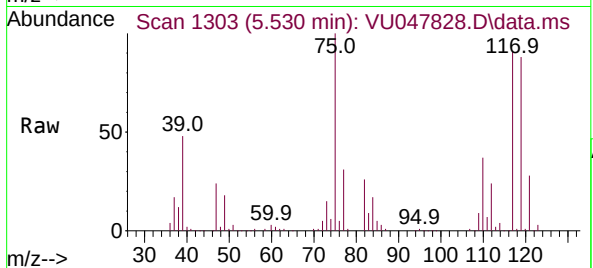
Tgt Ion: 75 Resp: 333312

Ion Ratio Lower Upper

75 100

110 37.7 19.1 57.5

77 30.9 24.7 37.1



#30

Carbon Tetrachloride

Concen: 16.919 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

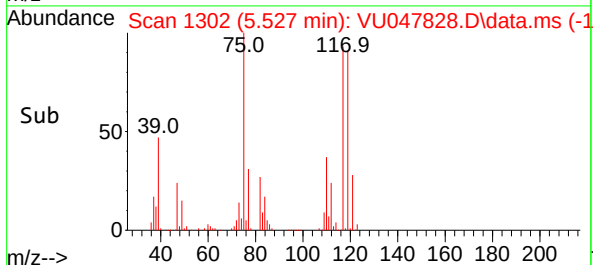
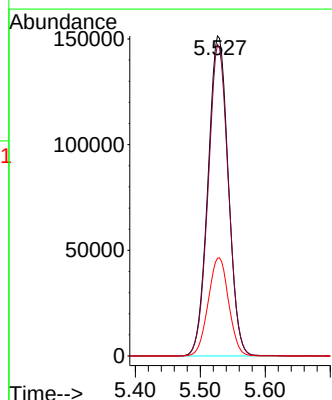
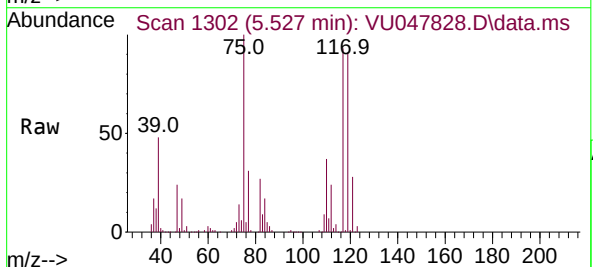
Tgt Ion: 117 Resp: 329072

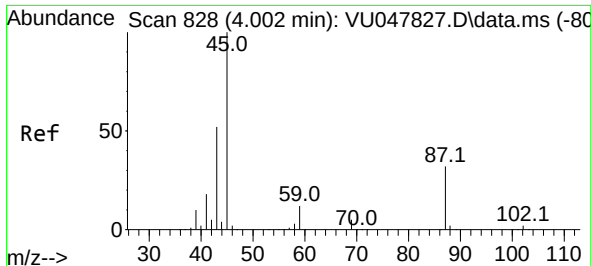
Ion Ratio Lower Upper

117 100

119 97.3 77.2 115.8

121 30.5 25.0 37.6

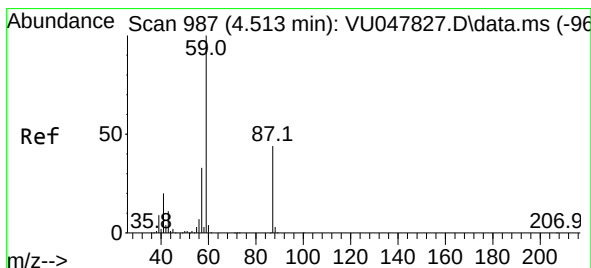
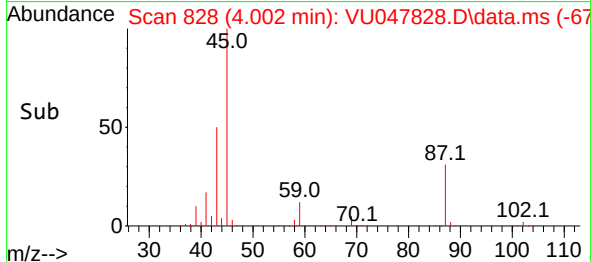
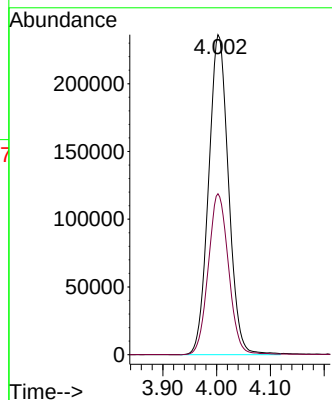
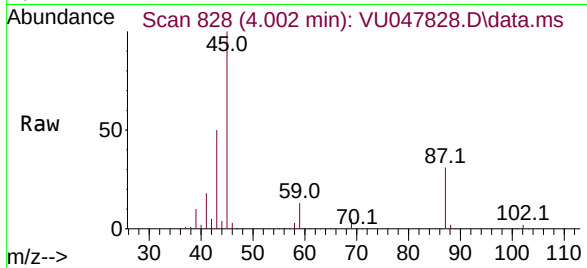




#31
Isopropyl Ether
Concen: 13.509 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

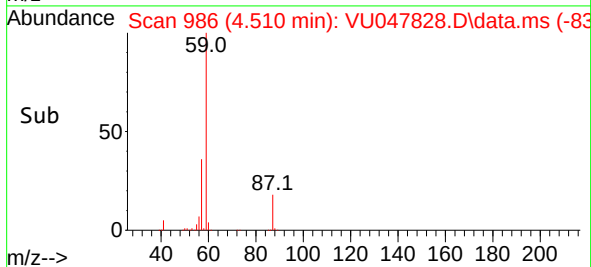
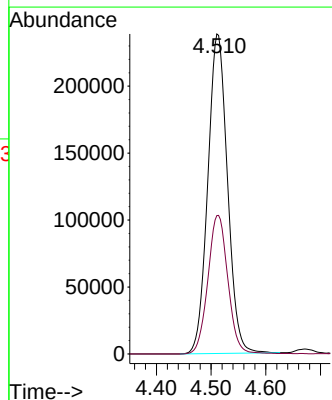
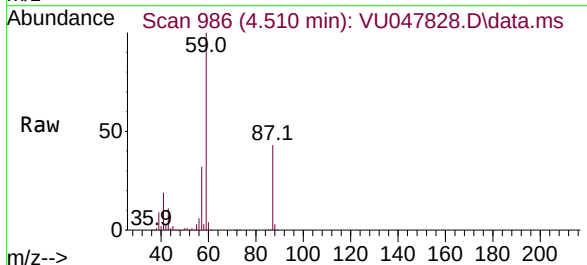
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

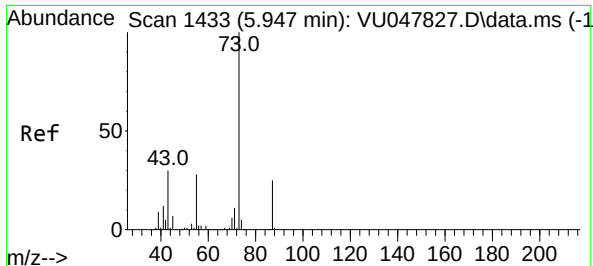
Tgt Ion: 45 Resp: 608271
Ion Ratio Lower Upper
45 100
43 51.0 26.1 78.2



#32
Ethyl-t-butyl ether
Concen: 13.194 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.003 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 59 Resp: 595336
Ion Ratio Lower Upper
59 100
87 43.8 35.7 53.5





#33

Tert-Amyl methyl ether

Concen: 13.767 ug/l

RT: 5.948 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

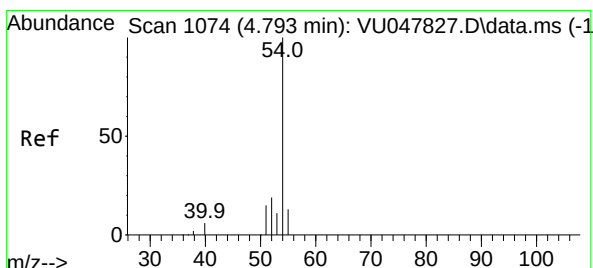
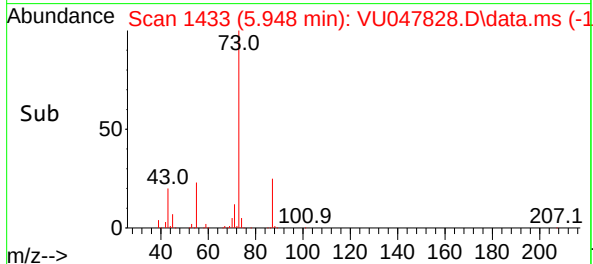
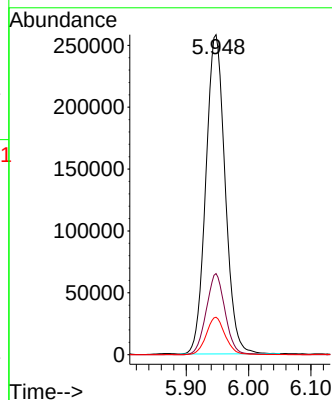
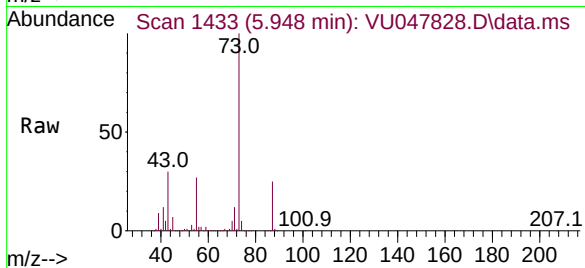
Tgt Ion: 73 Resp: 553689

Ion Ratio Lower Upper

73 100

87 24.9 19.9 29.9

71 11.6 9.2 13.8



#34

Propionitrile

Concen: 70.941 ug/l

RT: 4.793 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Tgt Ion: 54 Resp: 98069

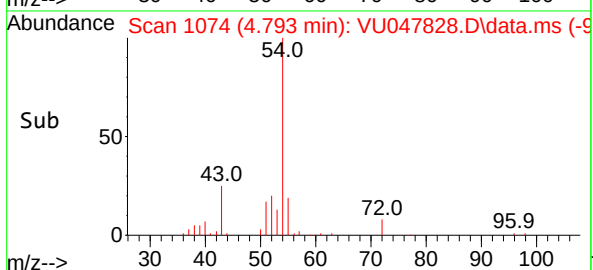
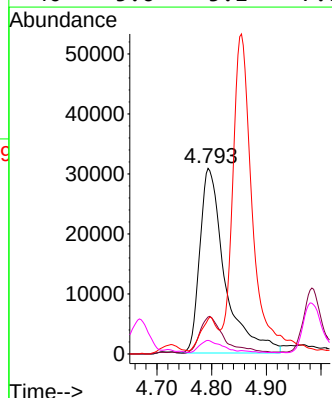
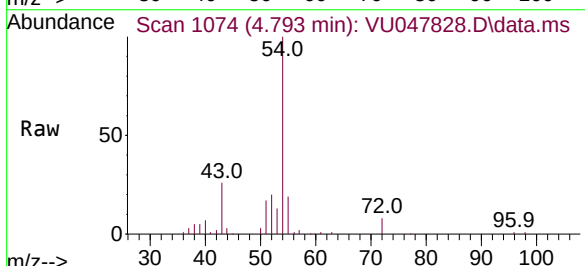
Ion Ratio Lower Upper

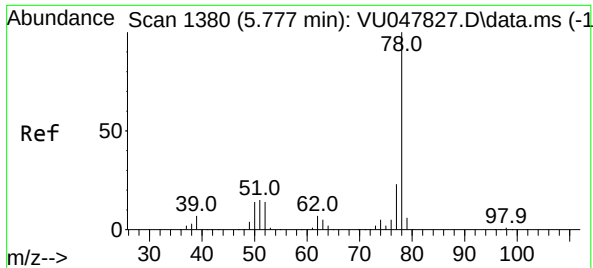
54 100

52 19.4 16.2 24.4

55 12.8 11.0 16.6

40 5.6 5.1 7.7





#35

Benzene

Concen: 14.850 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

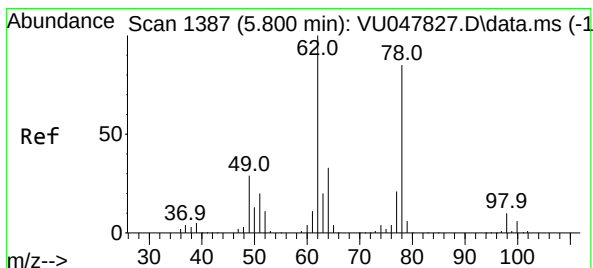
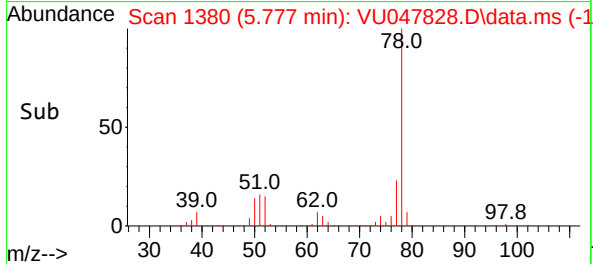
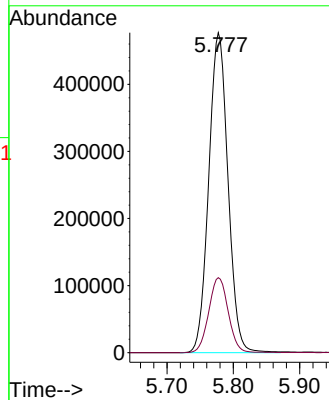
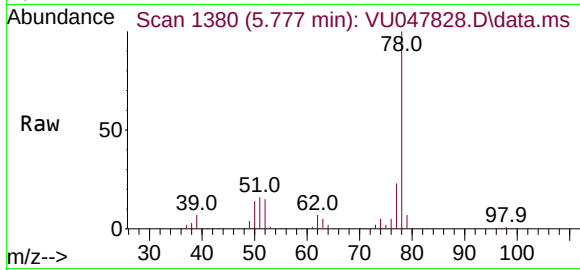
VSTDIC015

Tgt Ion: 78 Resp: 961010

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1



#36

1,2-Dichloroethane

Concen: 13.523 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047828.D

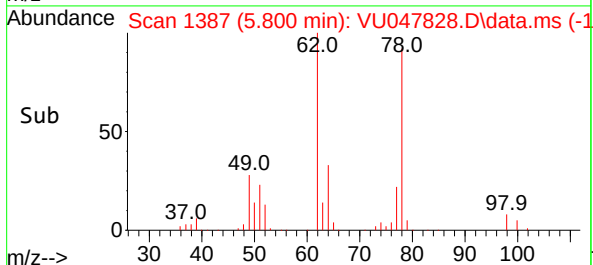
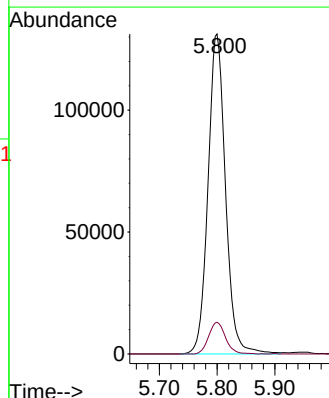
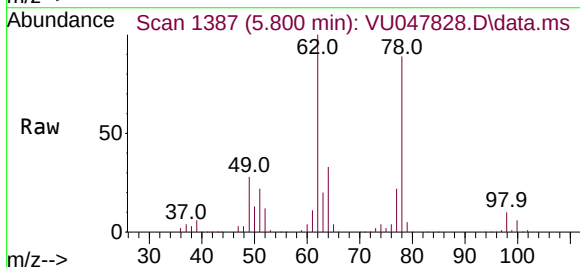
Acq: 06 Apr 2022 13:19

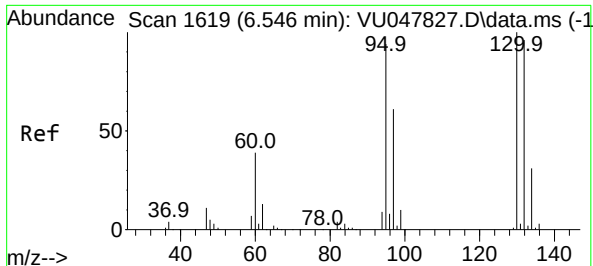
Tgt Ion: 62 Resp: 275977

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5





#37

Trichloroethene

Concen: 17.076 ug/l

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

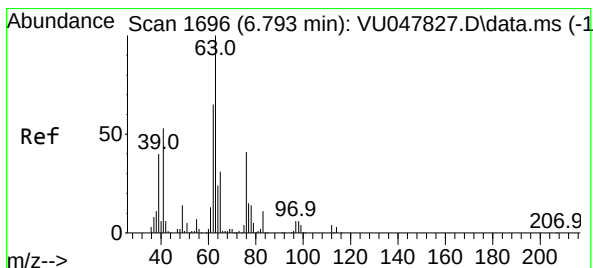
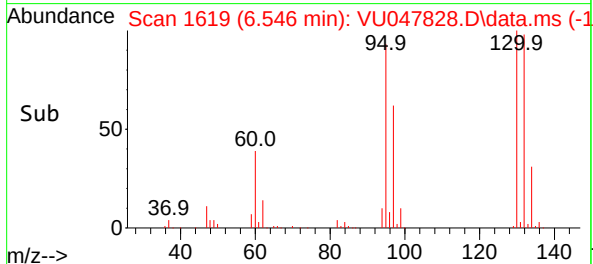
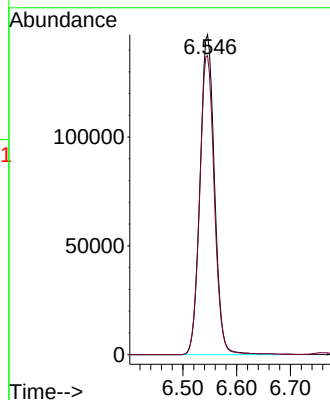
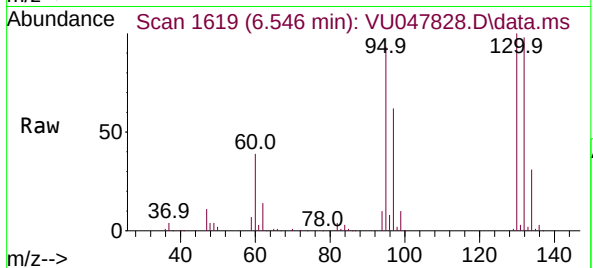
VSTDIC015

Tgt Ion:130 Resp: 275579

Ion Ratio Lower Upper

130 100

95 93.4 75.4 113.2



#38

1,2-Dichloropropane

Concen: 14.660 ug/l

RT: 6.797 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VU047828.D

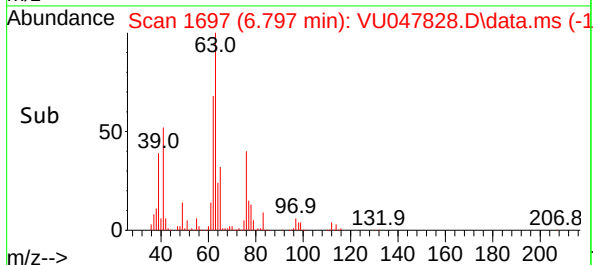
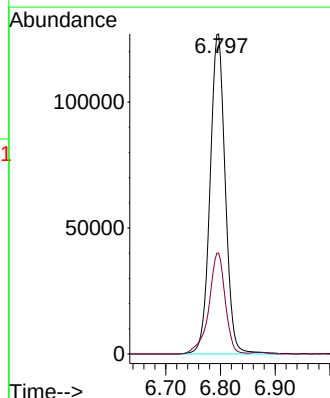
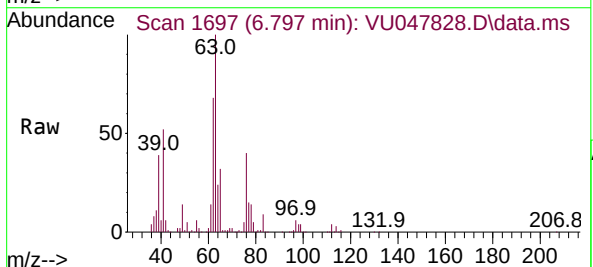
Acq: 06 Apr 2022 13:19

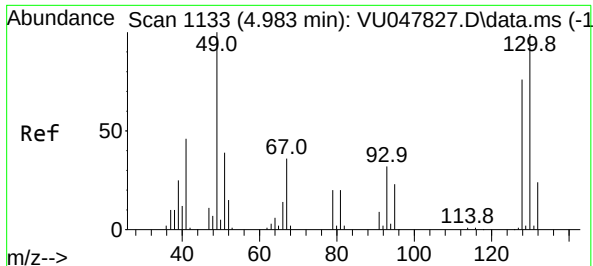
Tgt Ion: 63 Resp: 245168

Ion Ratio Lower Upper

63 100

65 31.6 24.9 37.3





#39

Methacrylonitrile

Concen: 13.464 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 73401

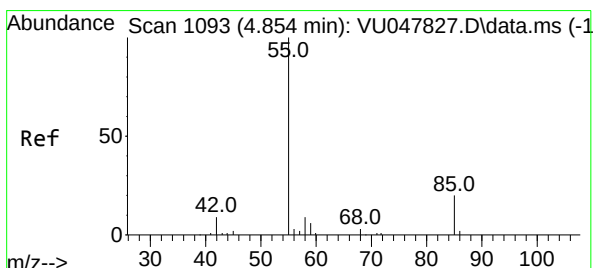
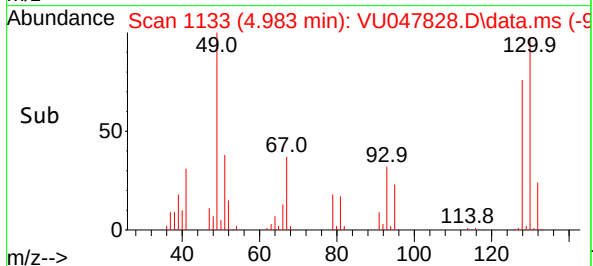
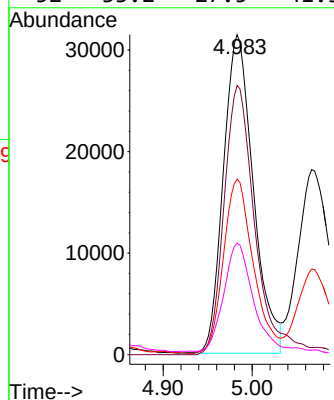
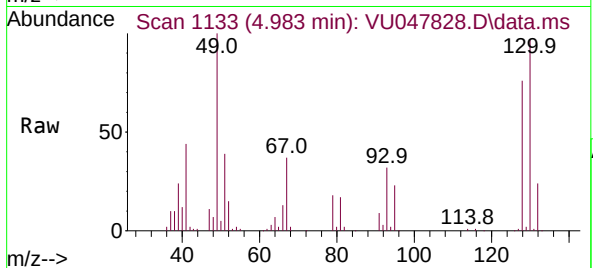
Ion Ratio Lower Upper

41 100

67 87.0 65.3 97.9

39 54.4 43.6 65.4

52 33.2 27.5 41.3



#40

Methyl acrylate

Concen: 14.698 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Tgt Ion: 55 Resp: 131374

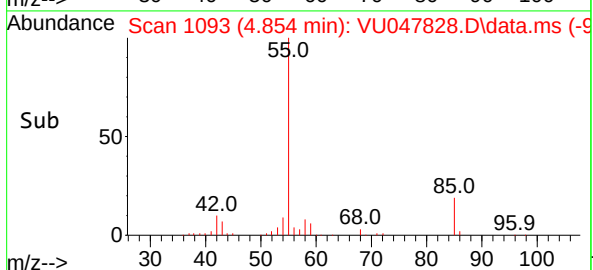
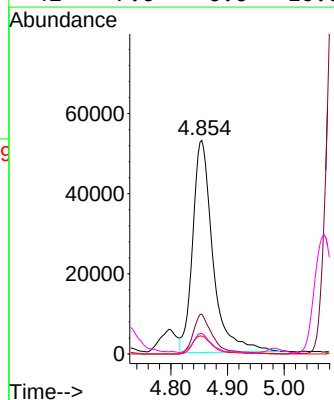
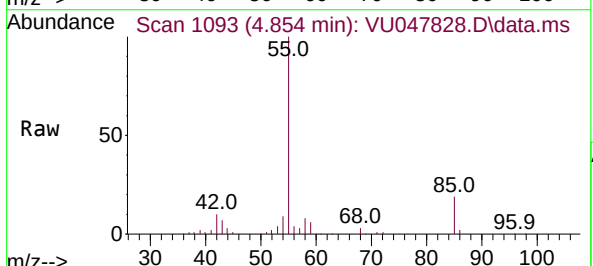
Ion Ratio Lower Upper

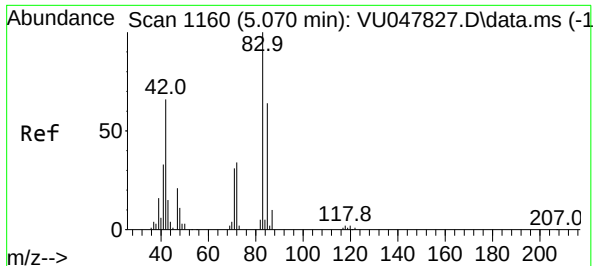
55 100

85 18.3 14.6 21.8

58 8.5 6.7 10.1

42 7.6 6.6 10.0





#41

Tetrahydrofuran

Concen: 24.935 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

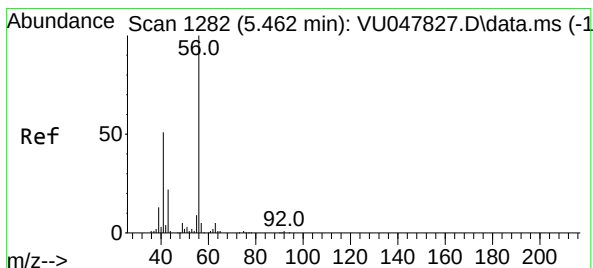
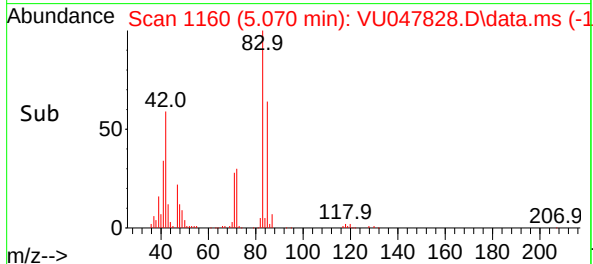
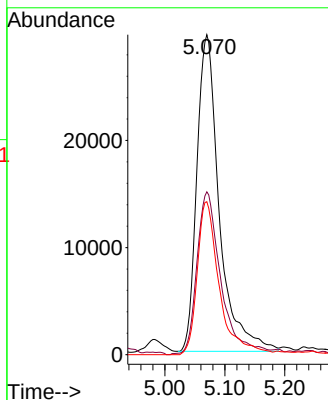
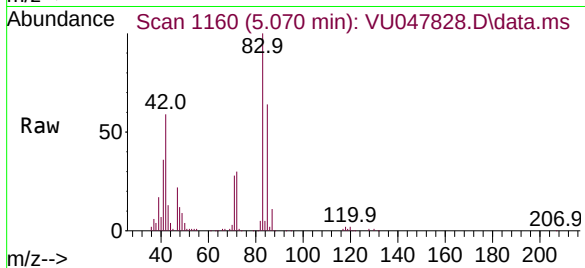
Tgt Ion: 42 Resp: 77063

Ion Ratio Lower Upper

42 100

72 55.0 43.8 65.8

71 47.6 37.4 56.0



#42

1-Chlorobutane

Concen: 13.602 ug/l

RT: 5.462 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VU047828.D

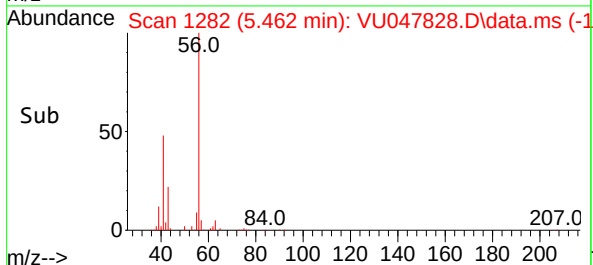
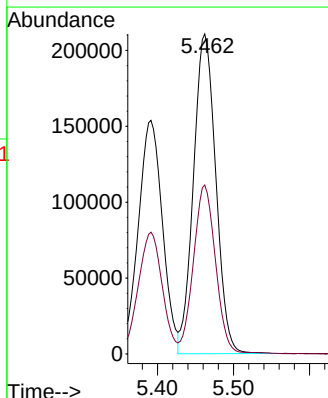
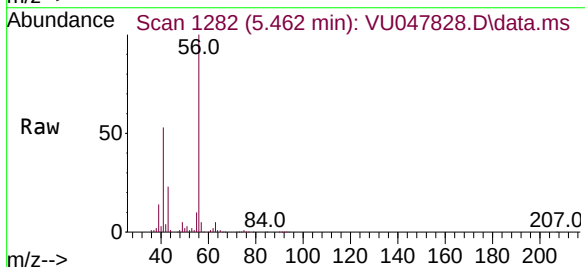
Acq: 06 Apr 2022 13:19

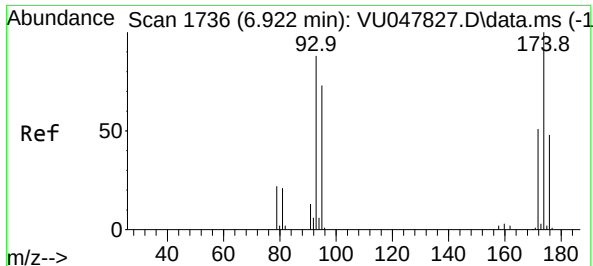
Tgt Ion: 56 Resp: 430012

Ion Ratio Lower Upper

56 100

41 52.3 25.6 76.6

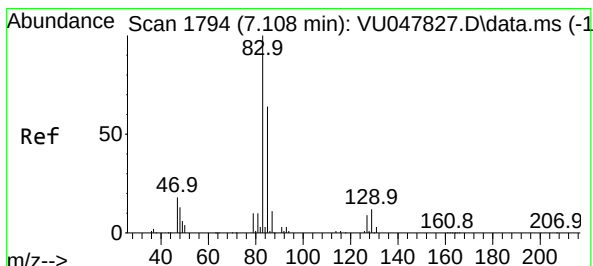
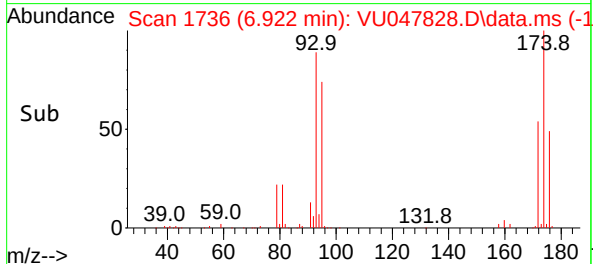
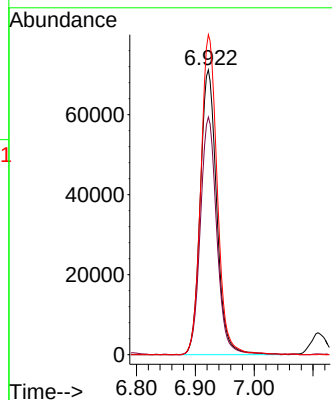
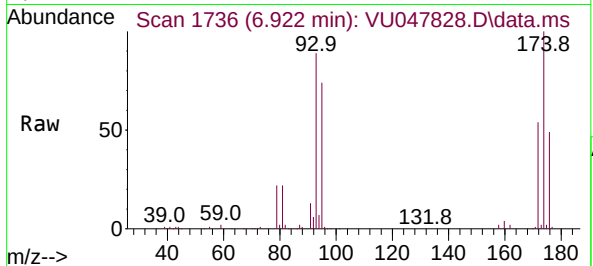




#43
Dibromomethane
Concen: 16.313 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

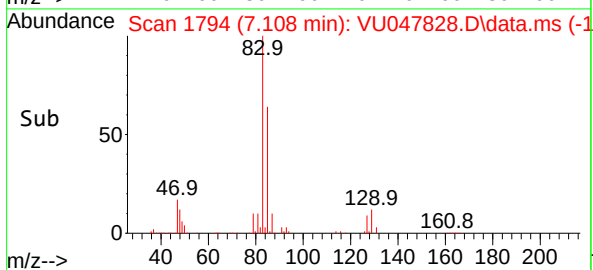
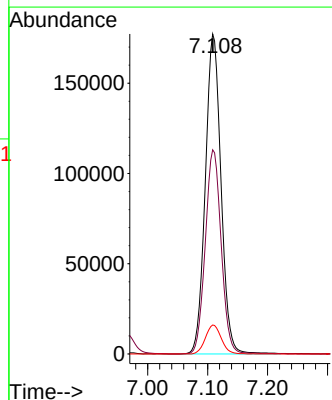
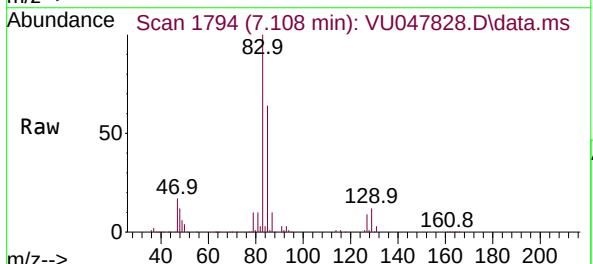
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

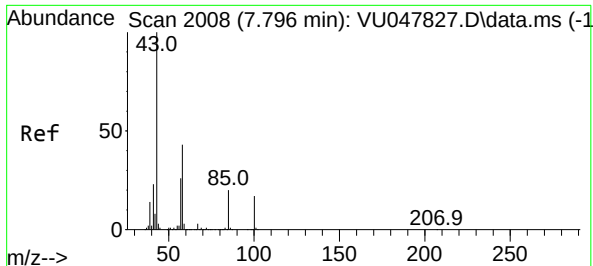
Tgt Ion: 93 Resp: 138141
Ion Ratio Lower Upper
93 100
95 83.3 67.0 100.4
174 112.0 89.8 134.8



#44
Bromodichloromethane
Concen: 15.509 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 83 Resp: 323522
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 9.1 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 70.285 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

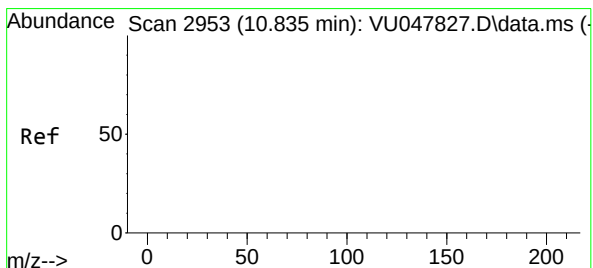
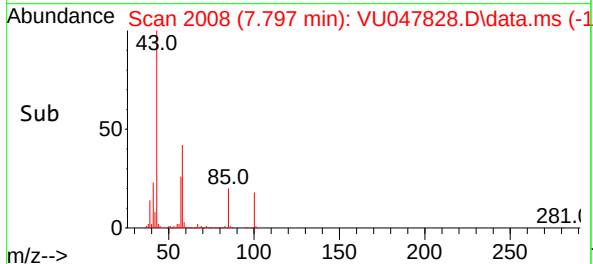
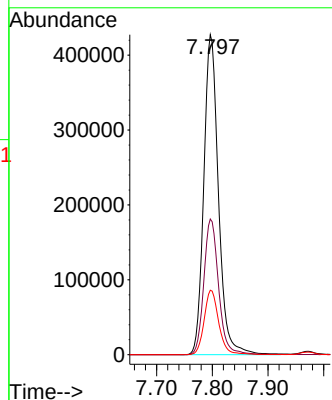
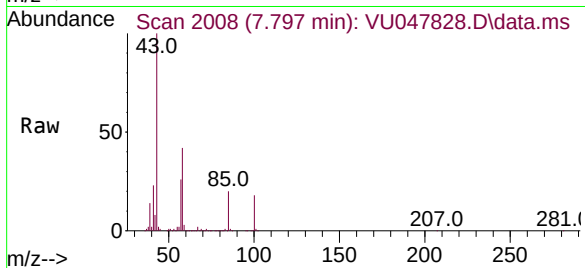
Tgt Ion: 43 Resp: 783059

Ion Ratio Lower Upper

43 100

58 42.6 21.1 63.4

85 20.1 16.2 24.2



#46

t-1,4-Dichloro-2-butene

Concen: 82.741 ug/l

RT: 10.829 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Tgt Ion: 75 Resp: 333947

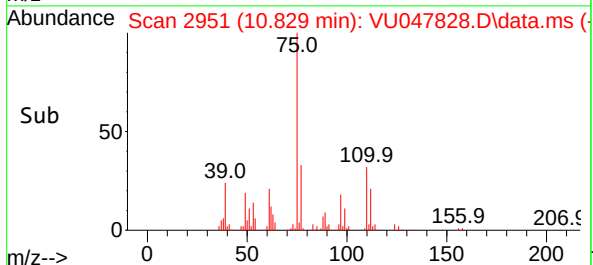
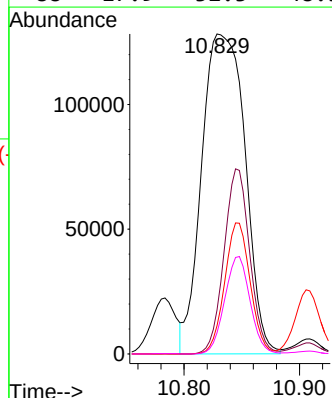
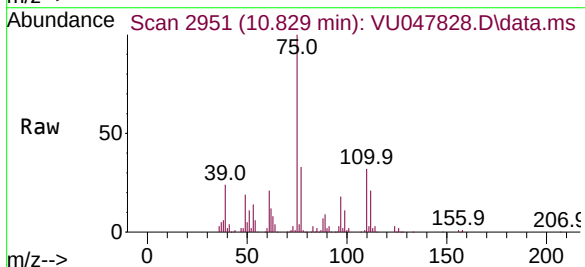
Ion Ratio Lower Upper

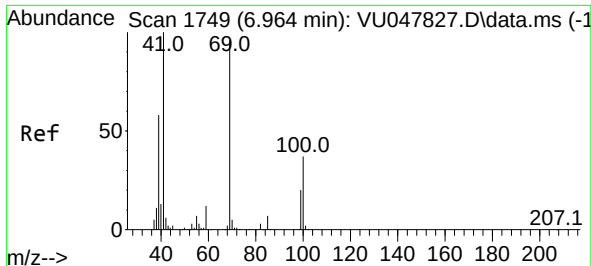
75 100

53 34.5 63.4 95.2#

89 24.2 43.6 65.4#

88 17.9 32.3 48.5#





#47

Methyl methacrylate

Concen: 29.821 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 248729

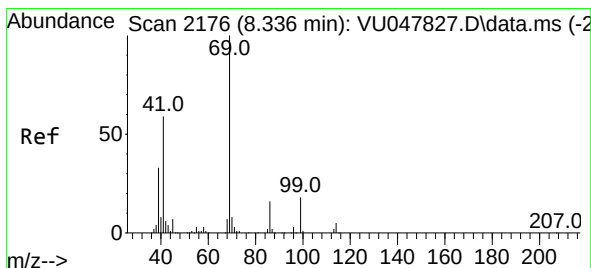
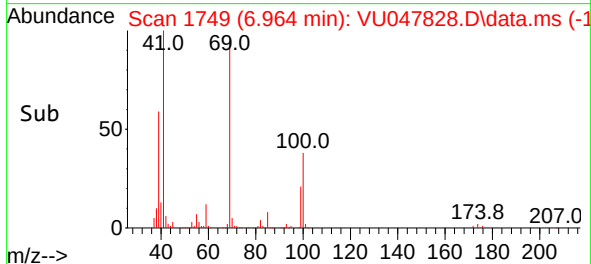
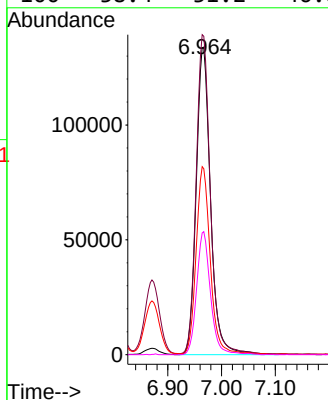
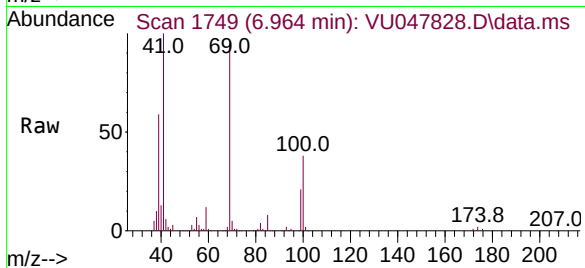
Ion Ratio Lower Upper

69 100

41 102.7 0.0 205.0

39 60.0 47.9 71.9

100 38.4 31.2 46.8



#48

Ethyl methacrylate

Concen: 14.802 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047828.D

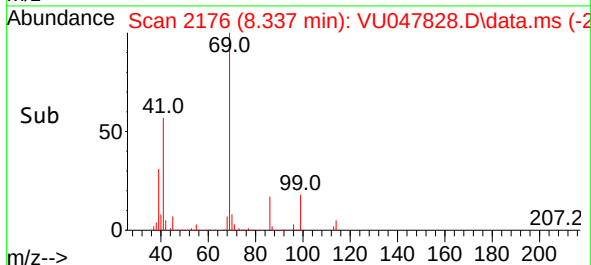
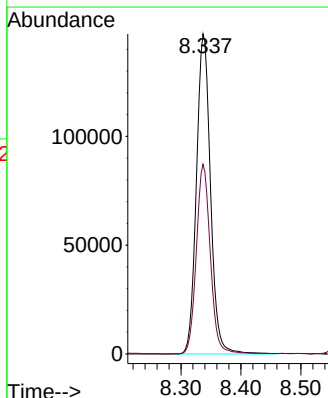
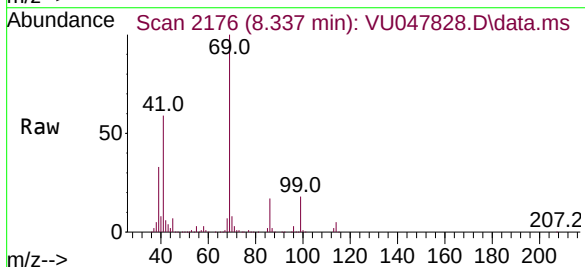
Acq: 06 Apr 2022 13:19

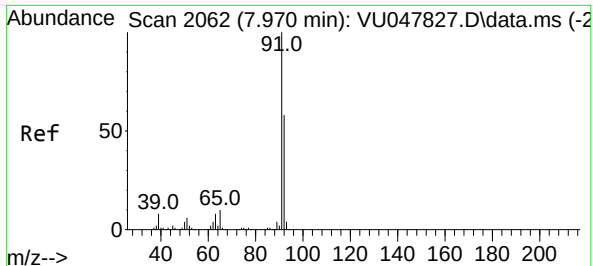
Tgt Ion: 69 Resp: 240601

Ion Ratio Lower Upper

69 100

41 58.7 29.8 89.4





#49

Toluene

Concen: 15.659 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

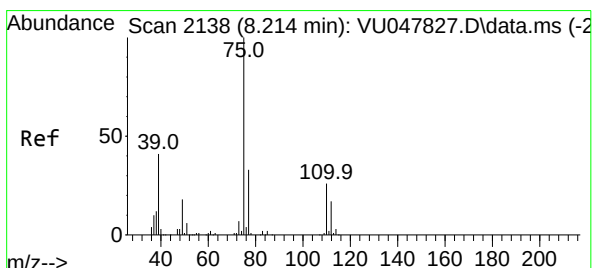
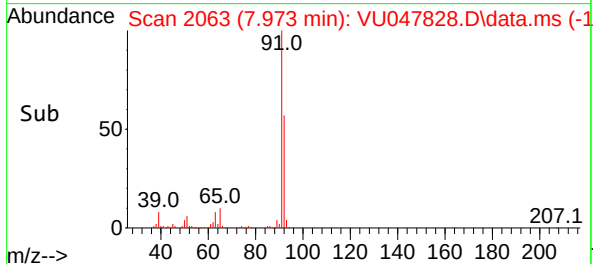
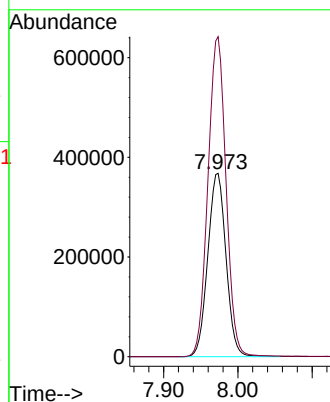
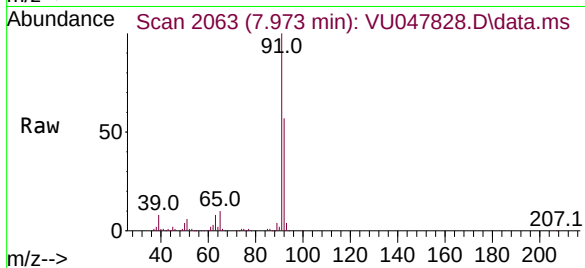
VSTDIC015

Tgt Ion: 92 Resp: 625965

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0



#50

t-1,3-Dichloropropene

Concen: 15.357 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047828.D

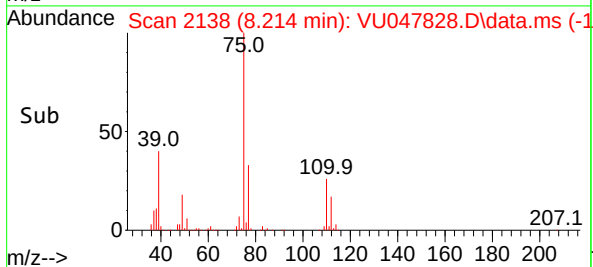
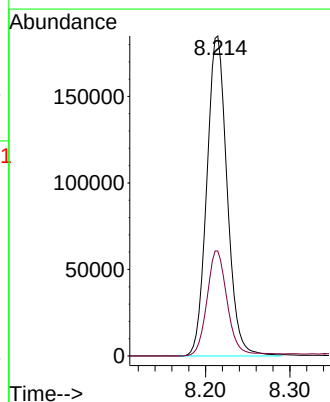
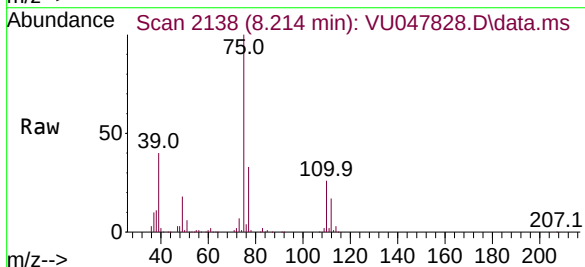
Acq: 06 Apr 2022 13:19

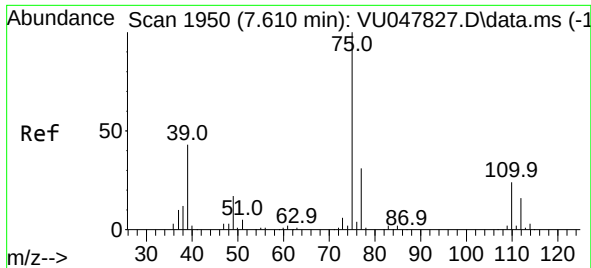
Tgt Ion: 75 Resp: 310030

Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

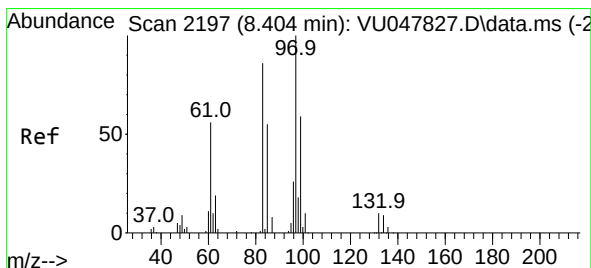
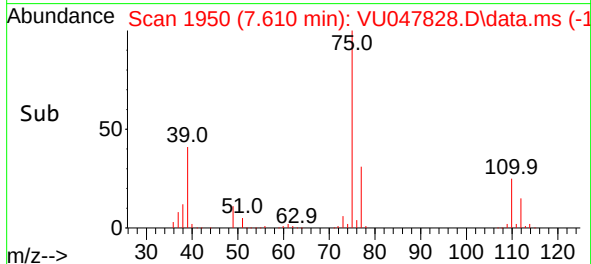
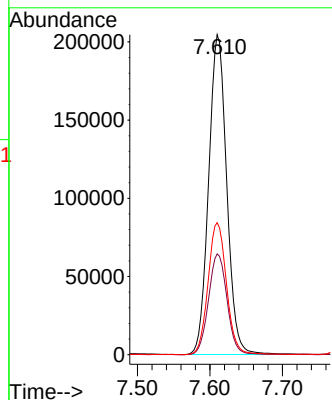
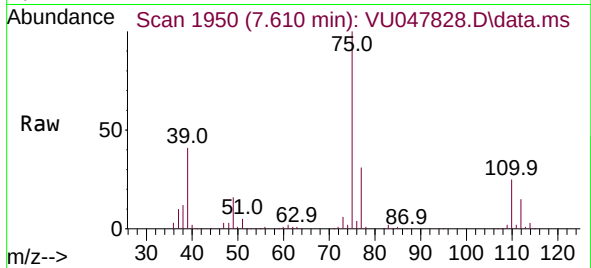




#51
 cis-1,3-Dichloropropene
 Concen: 15.064 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

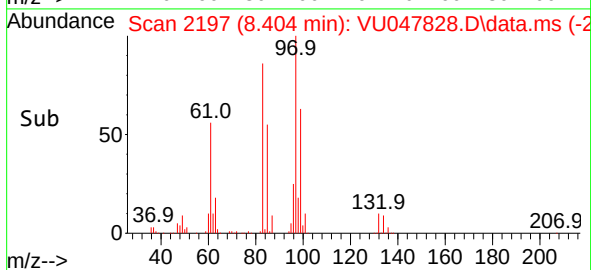
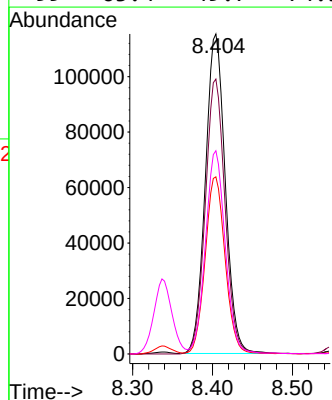
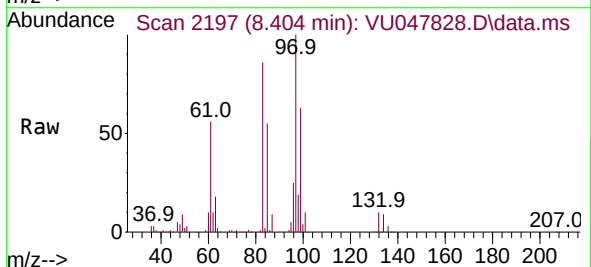
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

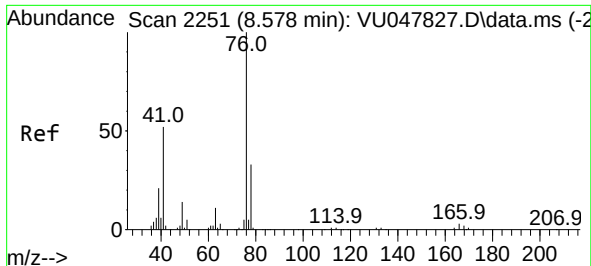
Tgt Ion: 75 Resp: 354172
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 41.3 34.2 51.4



#52
 1,1,2-Trichloroethane
 Concen: 16.397 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

Tgt Ion: 97 Resp: 199848
 Ion Ratio Lower Upper
 97 100
 83 86.0 68.8 103.2
 85 55.3 44.2 66.4
 99 63.4 49.7 74.5

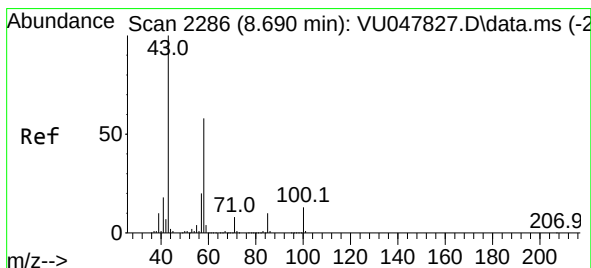
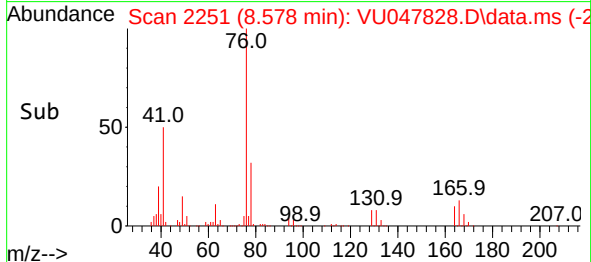
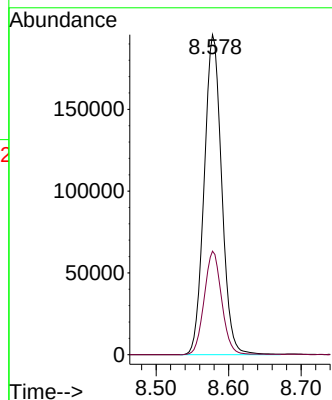
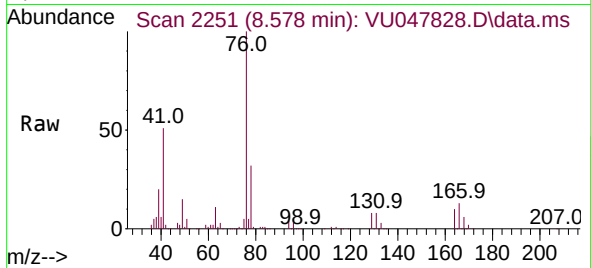




#53
1,3-Dichloropropane
Concen: 14.715 ug/l
RT: 8.578 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

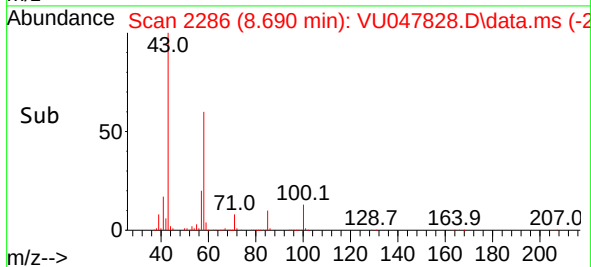
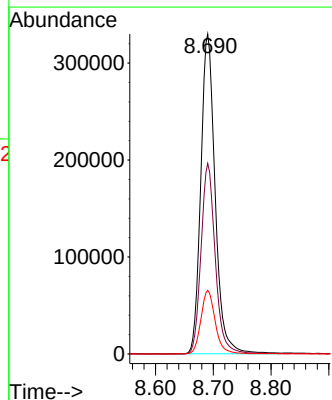
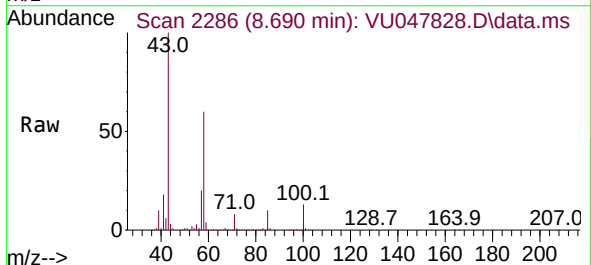
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

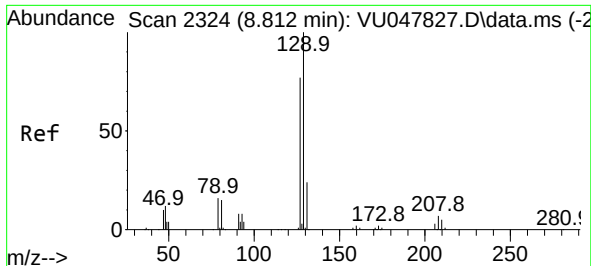
Tgt Ion: 76 Resp: 328115
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#54
2-Hexanone
Concen: 66.976 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 43 Resp: 571195
Ion Ratio Lower Upper
43 100
58 59.3 37.9 77.9
57 19.8 0.0 39.5

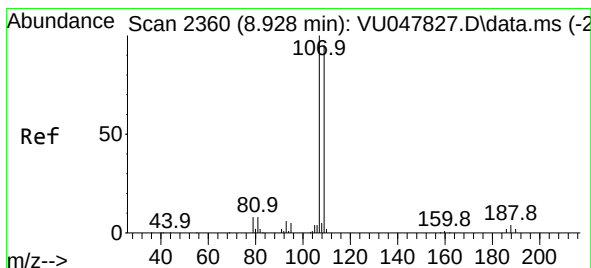
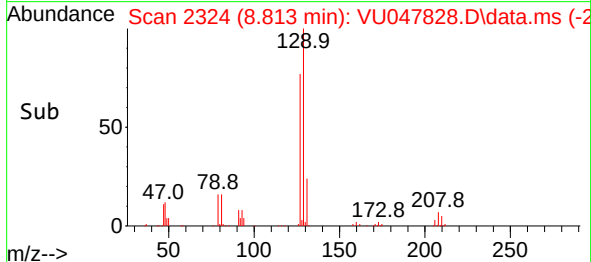
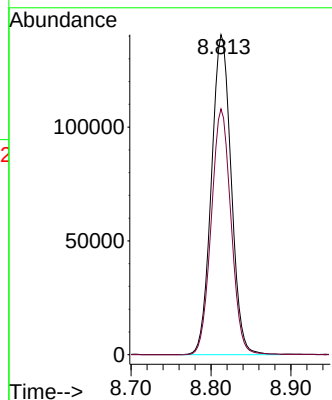
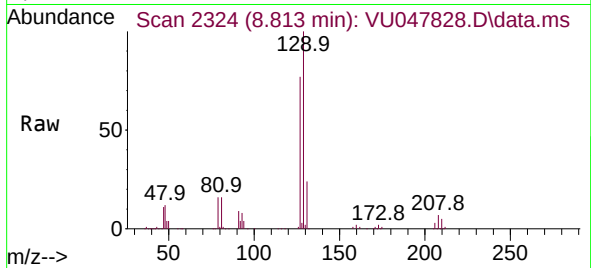




#55
Dibromochloromethane
Concen: 18.473 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

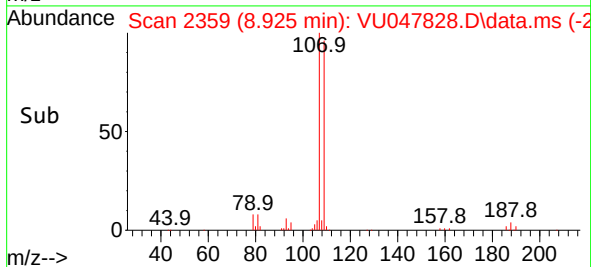
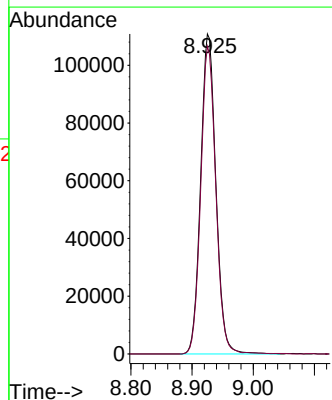
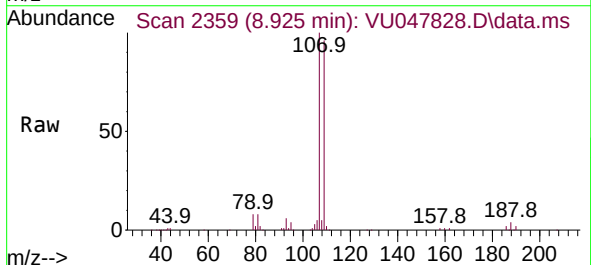
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

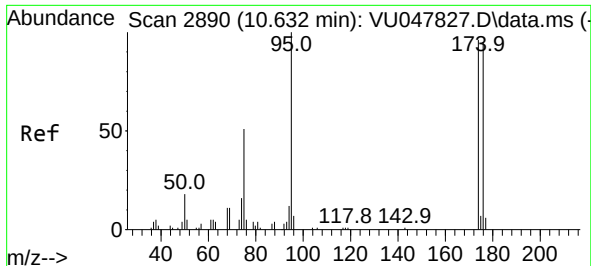
Tgt Ion:129 Resp: 241588
Ion Ratio Lower Upper
129 100
127 76.9 61.8 92.8



#56
1,2-Dibromoethane
Concen: 16.701 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:107 Resp: 192190
Ion Ratio Lower Upper
107 100
109 94.5 0.0 186.8

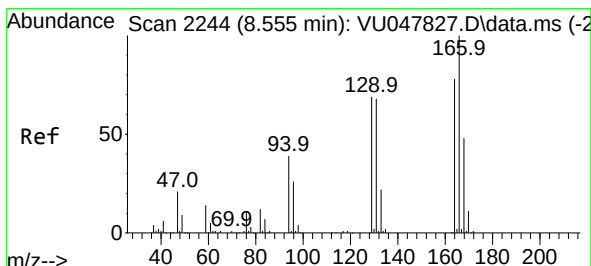
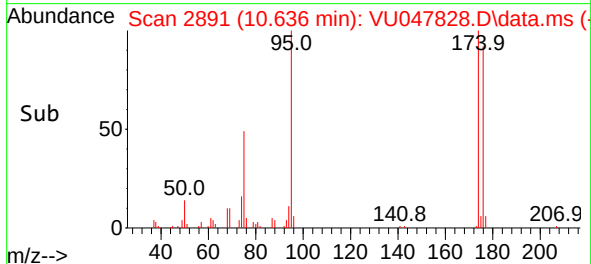
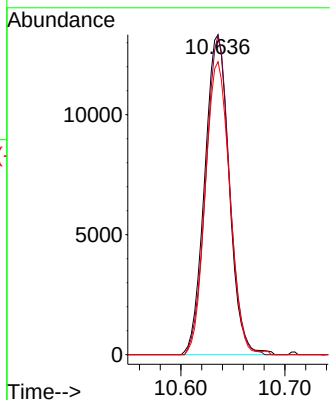
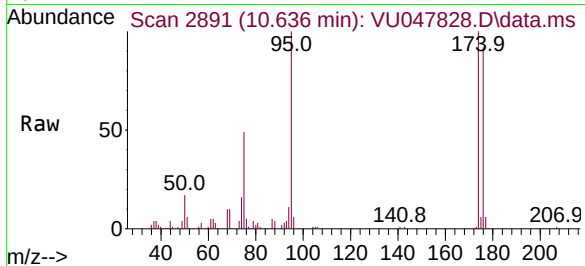




#57
4-Bromofluorobenzene
Concen: 1.060 ug/l
RT: 10.636 min Scan# 21751
Delta R.T. 0.003 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

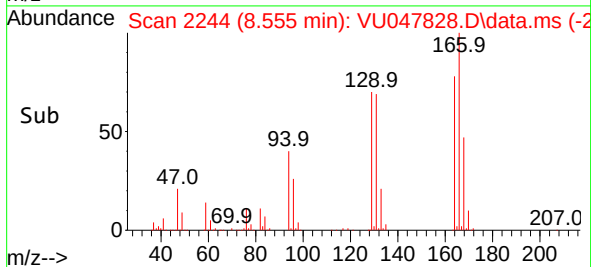
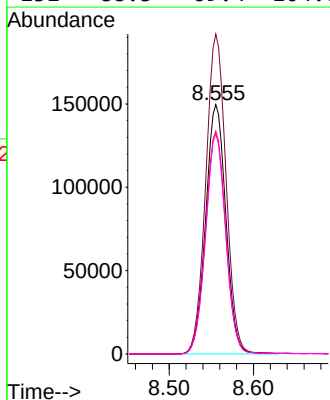
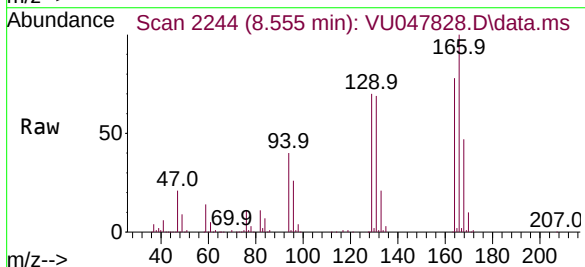
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

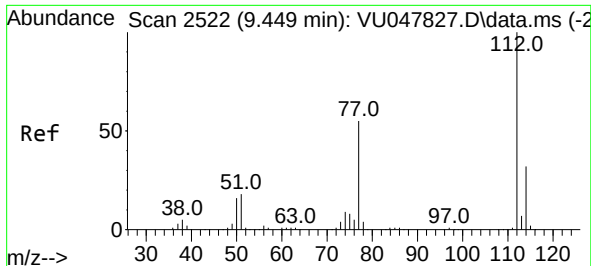
Tgt Ion: 95 Resp: 21751
Ion Ratio Lower Upper
95 100
174 96.7 76.9 115.3
176 91.2 76.4 114.6



#58
Tetrachloroethene
Concen: 17.090 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 164 Resp: 250200
Ion Ratio Lower Upper
164 100
166 128.3 102.6 154.0
129 89.3 71.1 106.7
131 88.3 69.4 104.0





#59

Chlorobenzene

Concen: 16.998 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

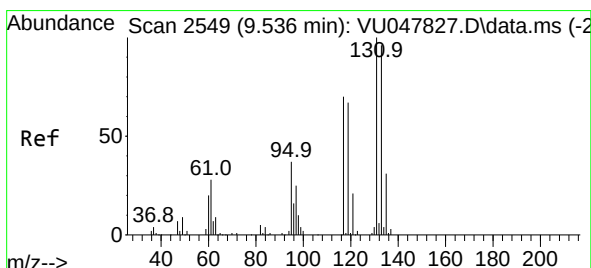
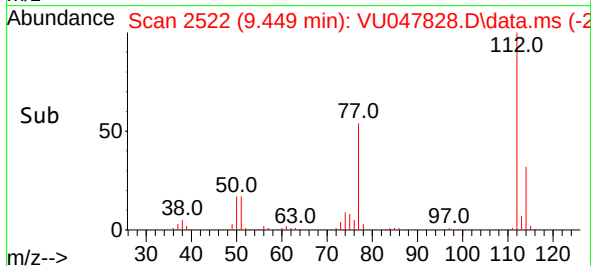
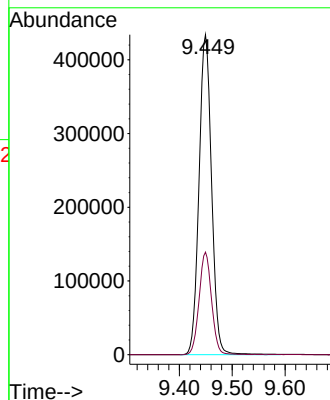
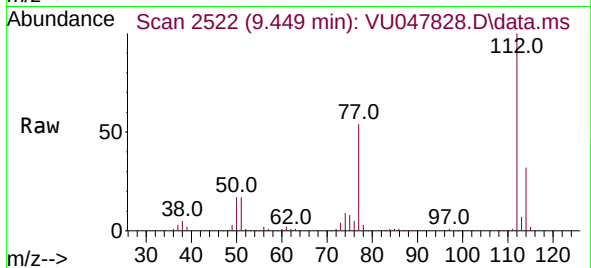
VSTDIC015

Tgt Ion:112 Resp: 715045

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#60

1,1,1,2-Tetrachloroethane

Concen: 17.910 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

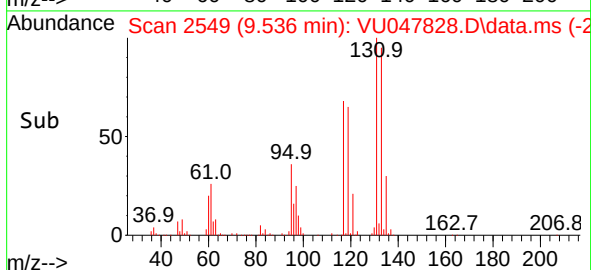
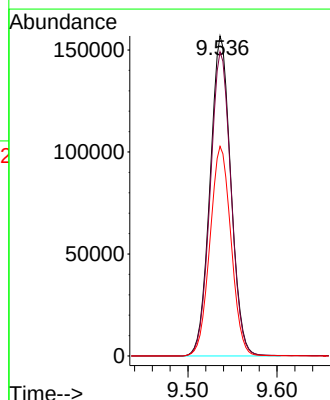
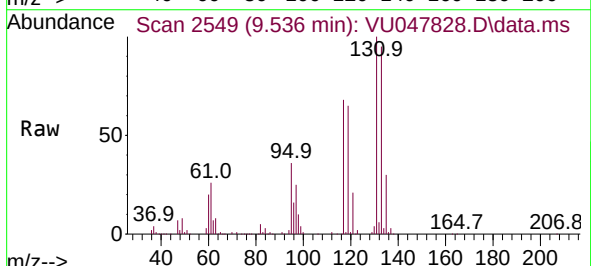
Tgt Ion:131 Resp: 253859

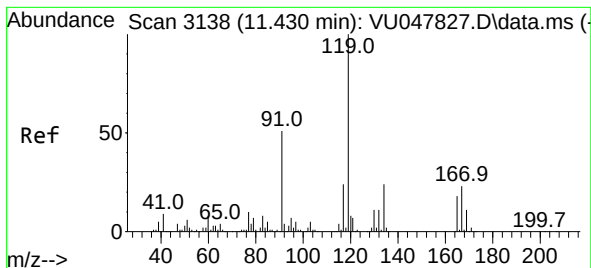
Ion Ratio Lower Upper

131 100

133 95.4 76.6 115.0

119 66.4 53.1 79.7





#61

Pentachloroethane

Concen: 19.845 ug/l

RT: 11.430 min Scan# 3138

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

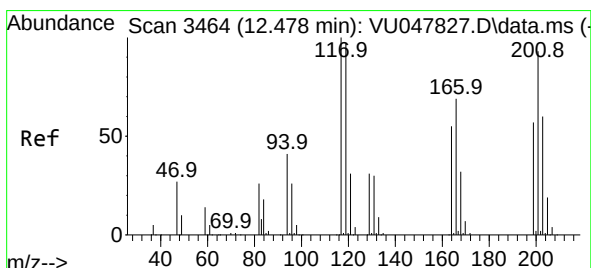
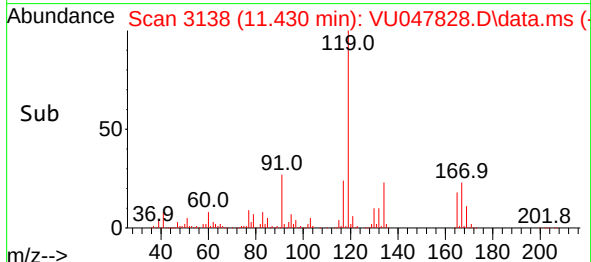
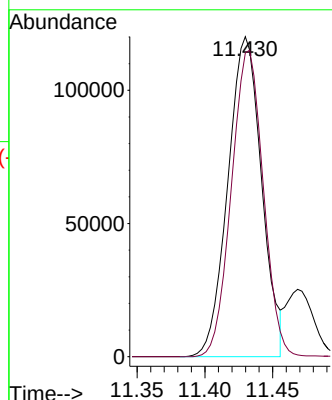
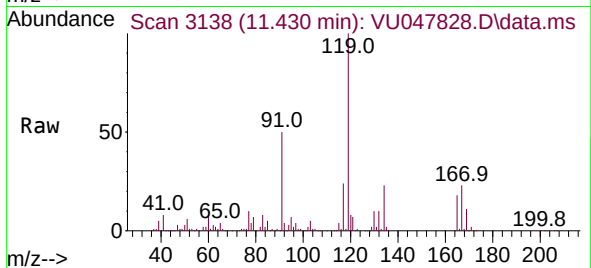
VSTDIC015

Tgt Ion:117 Resp: 207721

Ion Ratio Lower Upper

117 100

167 90.5 71.0 106.4



#62

Hexachloroethane

Concen: 18.717 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU047828.D

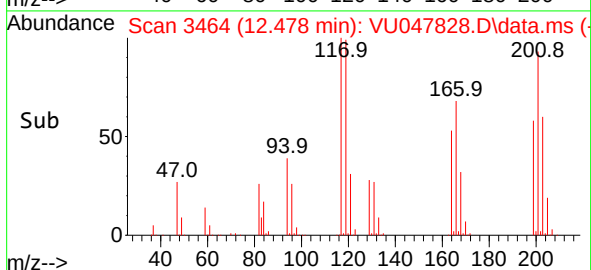
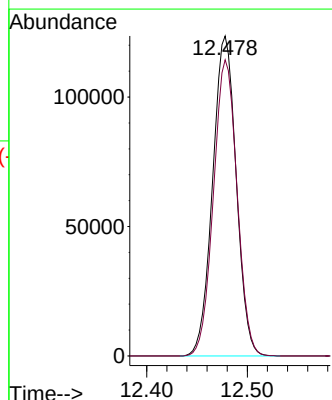
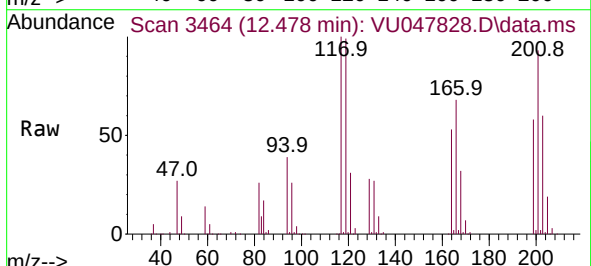
Acq: 06 Apr 2022 13:19

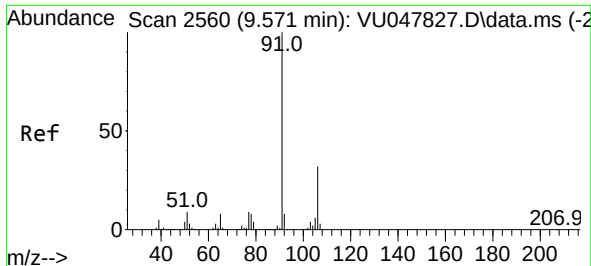
Tgt Ion:117 Resp: 201529

Ion Ratio Lower Upper

117 100

201 92.6 74.8 112.2

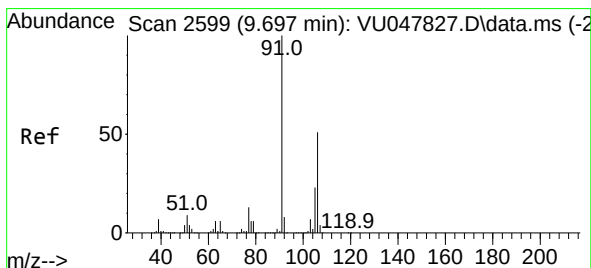
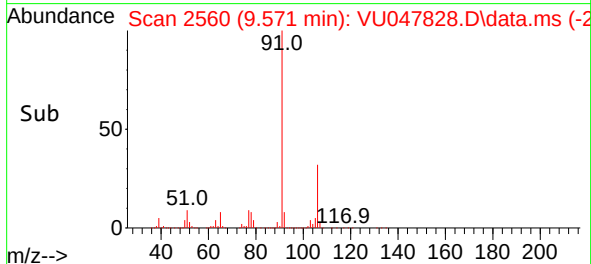
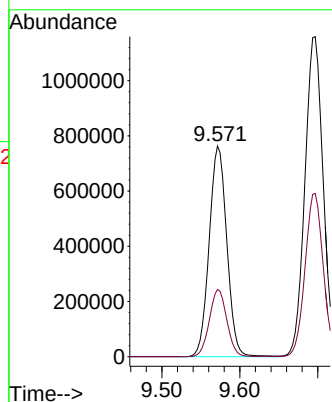
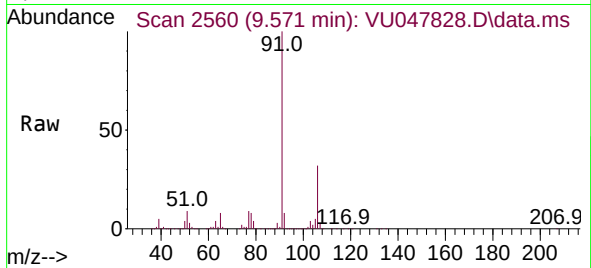




#63
Ethyl Benzene
Concen: 16.181 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

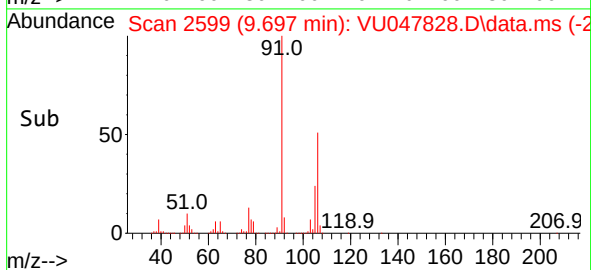
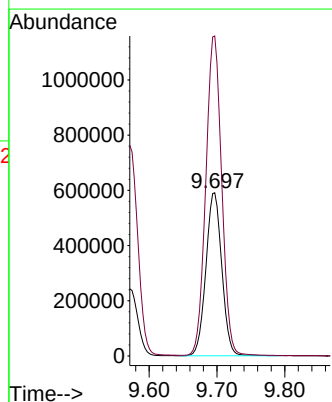
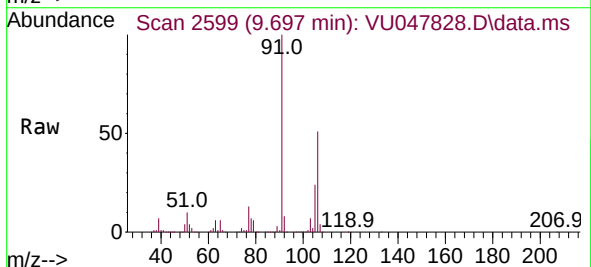
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

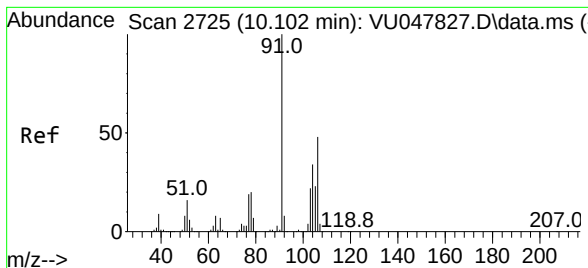
Tgt Ion: 91 Resp: 1199929
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#64
m/p-Xylenes
Concen: 33.826 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:106 Resp: 960823
Ion Ratio Lower Upper
106 100
91 196.6 158.2 237.4

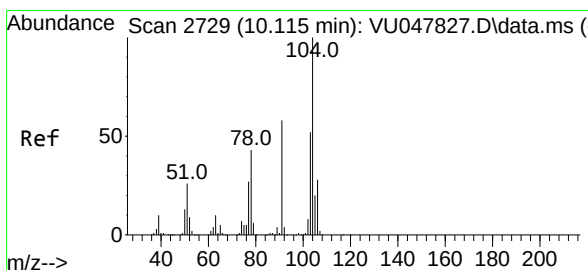
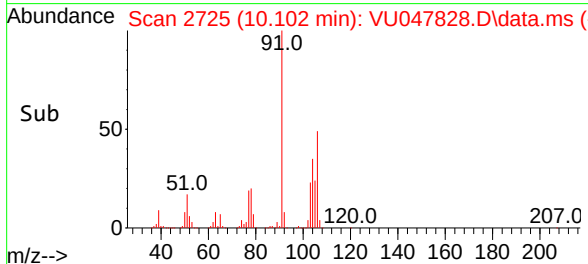
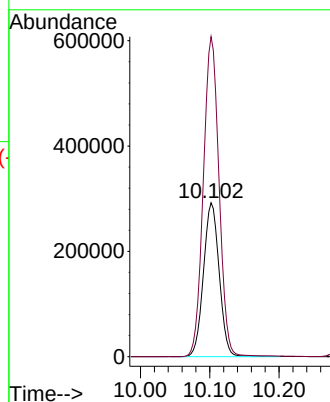
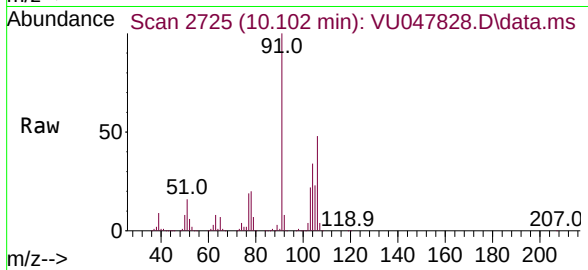




#65
o-Xylene
Concen: 16.658 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

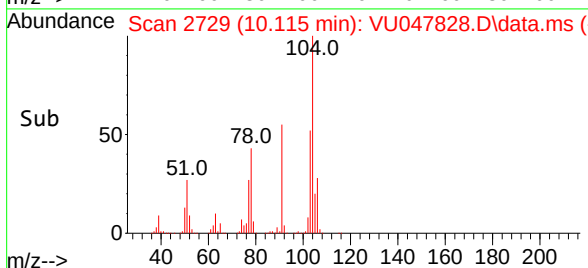
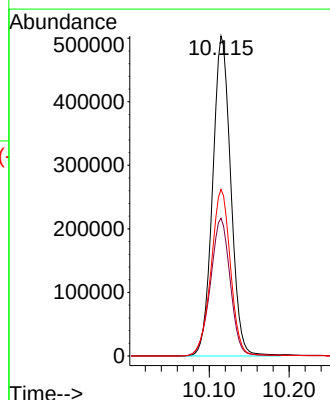
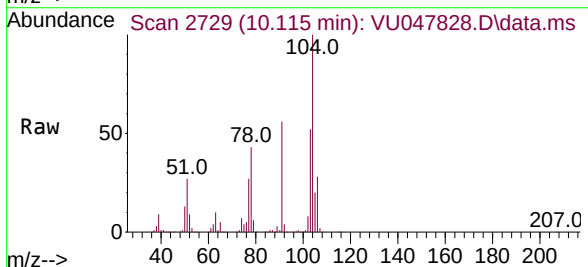
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

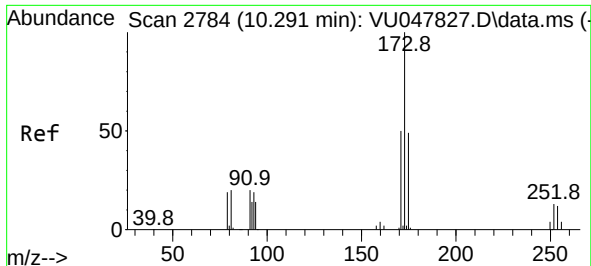
Tgt Ion:106 Resp: 460345
Ion Ratio Lower Upper
106 100
91 208.4 105.4 316.2



#66
Styrene
Concen: 17.439 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:104 Resp: 794038
Ion Ratio Lower Upper
104 100
78 46.9 37.1 55.7
103 55.6 44.1 66.1

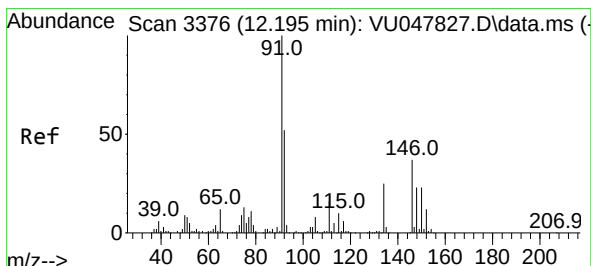
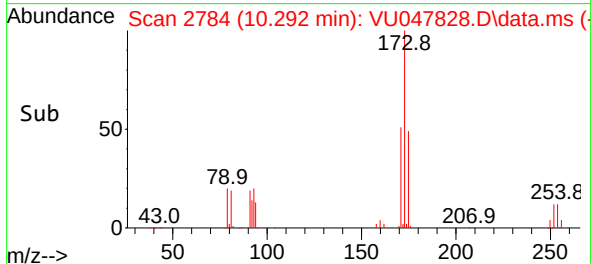
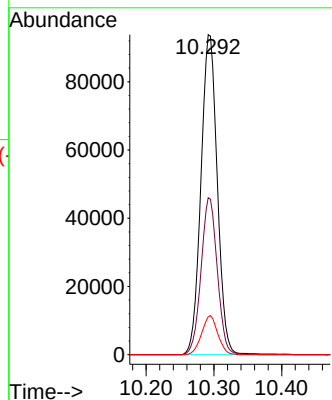
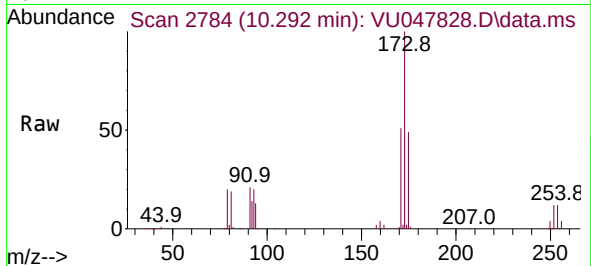




#67
Bromoform
Concen: 21.971 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

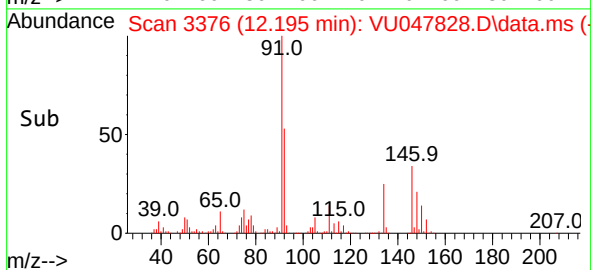
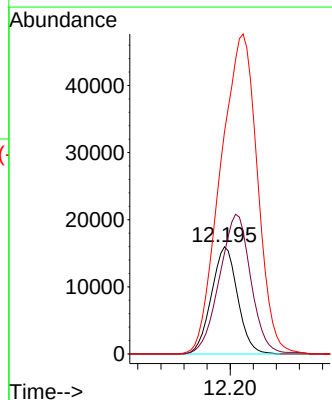
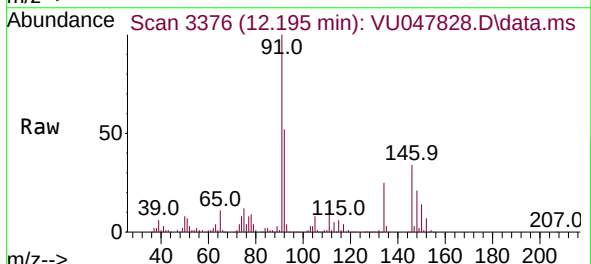
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

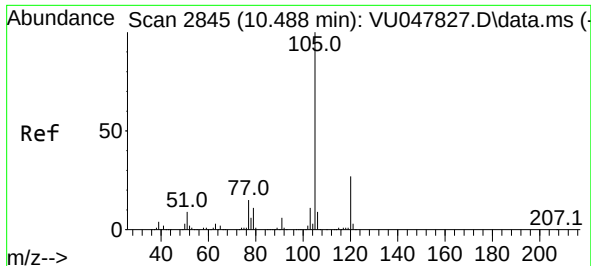
Tgt Ion:173 Resp: 156992
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 12.0 9.4 14.2



#68
1,2-Dichlorobenzene-d4
Concen: 1.255 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:152 Resp: 25140
Ion Ratio Lower Upper
152 100
115 156.1 0.0 255.8
150 420.0 0.0 659.8

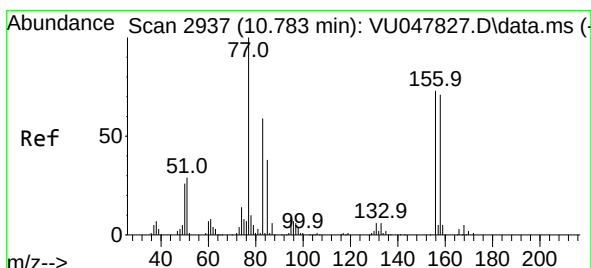
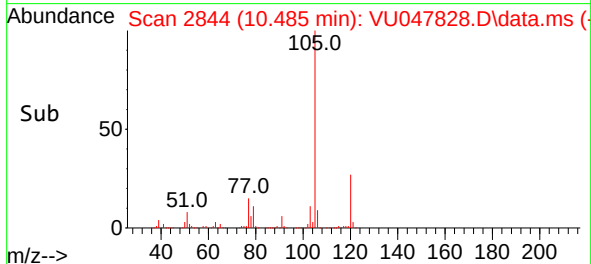
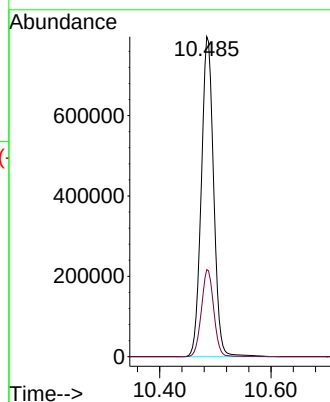
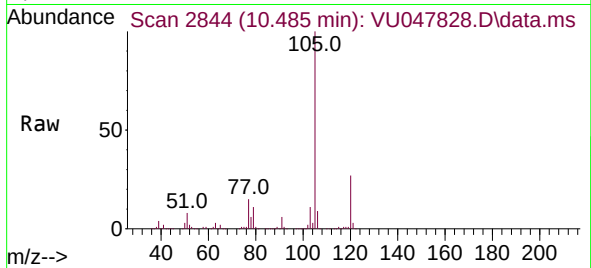




#69
Isopropylbenzene
Concen: 16.879 ug/l
RT: 10.485 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

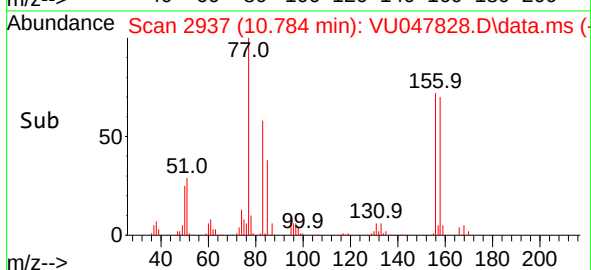
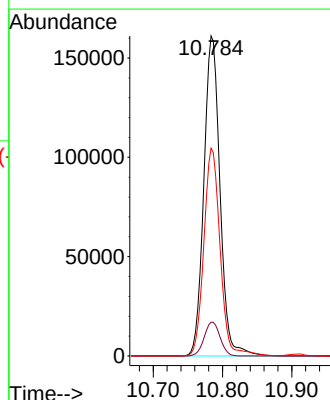
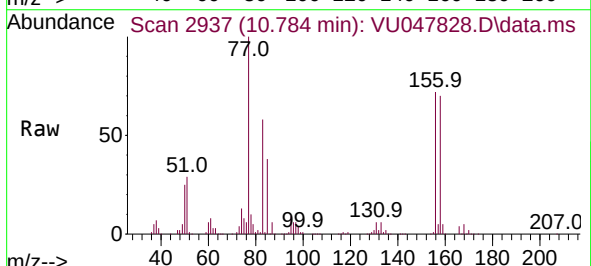
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

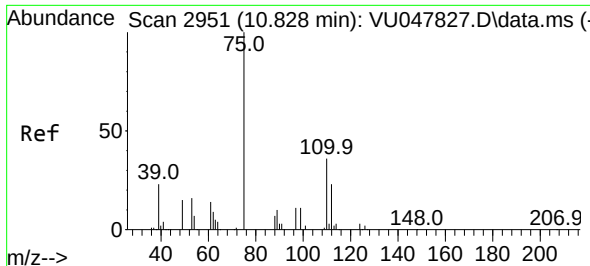
Tgt Ion:105 Resp: 1225414
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#70
1,1,2,2-Tetrachloroethane
Concen: 16.626 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 83 Resp: 260835
Ion Ratio Lower Upper
83 100
131 10.4 8.2 12.4
85 65.4 52.6 79.0

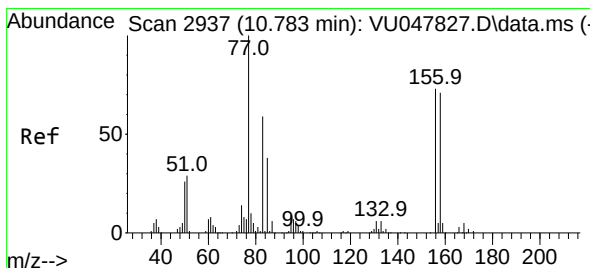
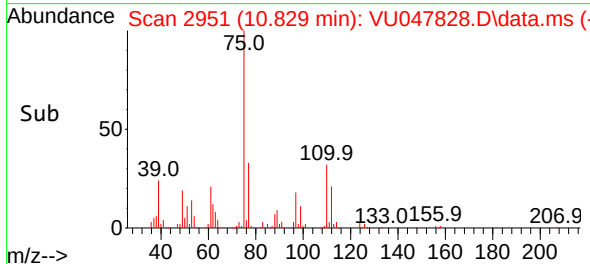
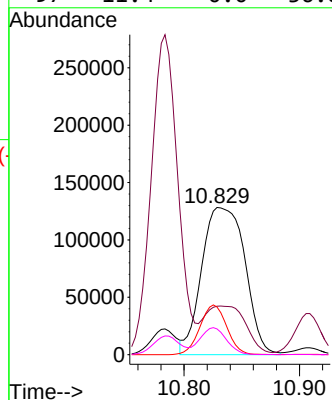
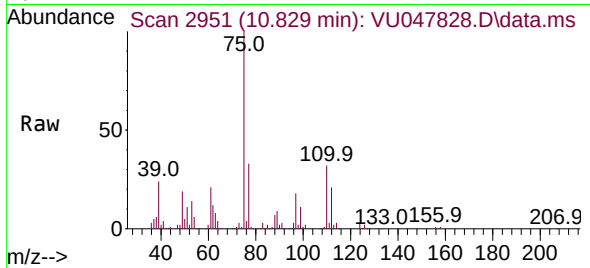




#71
1,2,3-Trichloropropane
Concen: 25.650 ug/l
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

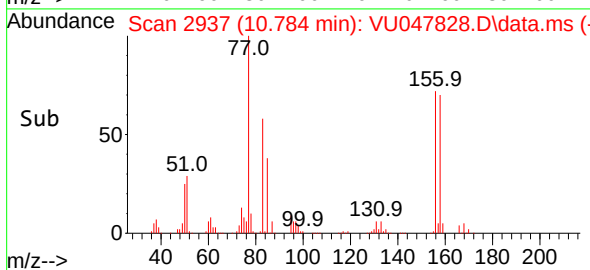
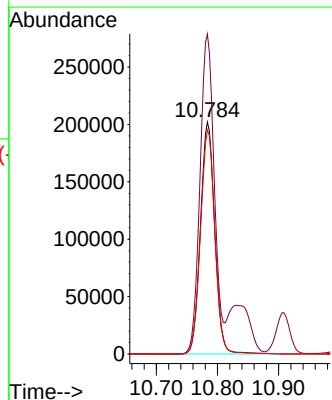
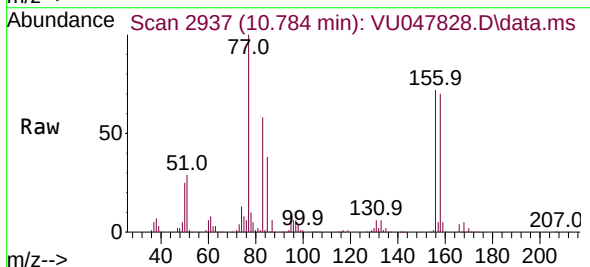
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

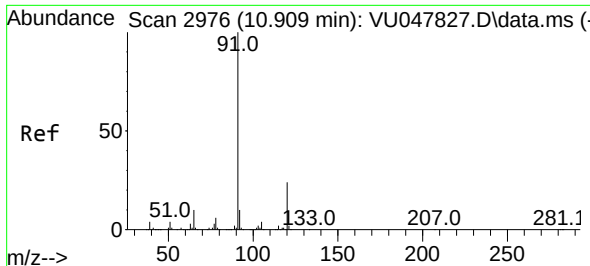
Tgt Ion:	75	Resp:	333947
Ion	Ratio	Lower	Upper
75	100		
77	31.1	0.0	92.6
110	21.1	0.0	68.2
97	11.4	0.0	36.8



#72
Bromobenzene
Concen: 19.503 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:	156	Resp:	327664
Ion	Ratio	Lower	Upper
156	100		
77	138.6	0.0	273.4
158	97.4	0.0	193.6

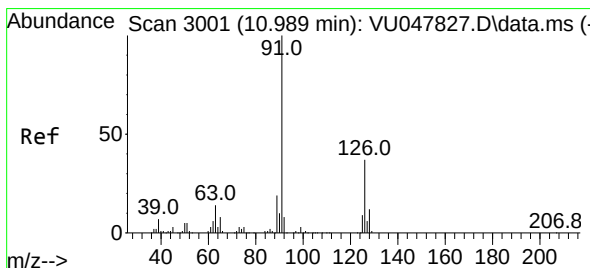
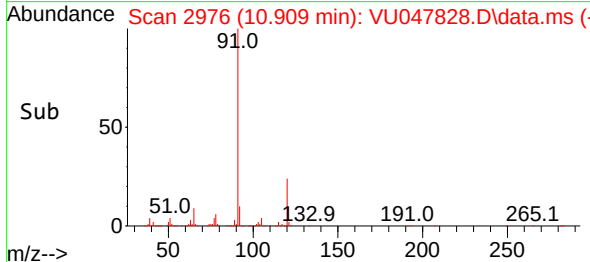
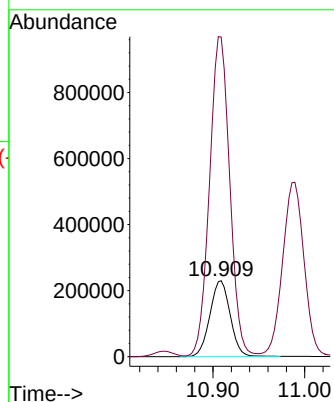
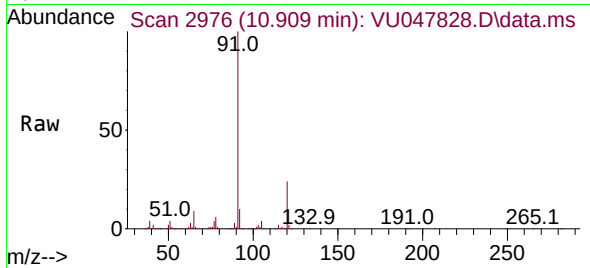




#73
n-propylbenzene
Concen: 18.385 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

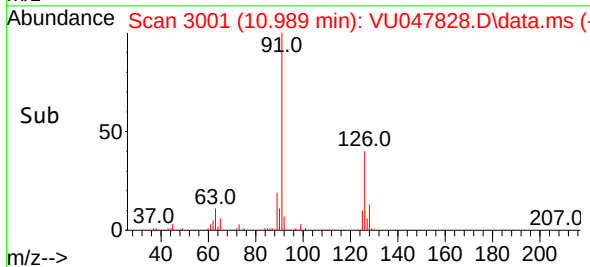
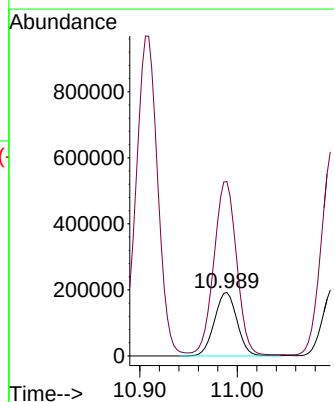
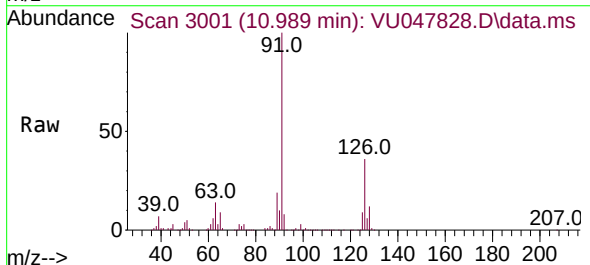
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

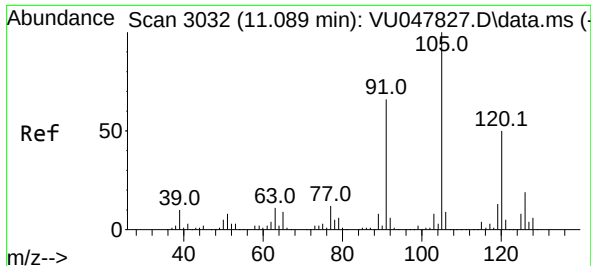
Tgt Ion:120 Resp: 355198
Ion Ratio Lower Upper
120 100
91 416.6 333.7 500.5



#74
2-Chlorotoluene
Concen: 18.422 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:126 Resp: 310223
Ion Ratio Lower Upper
126 100
91 276.4 0.0 554.6

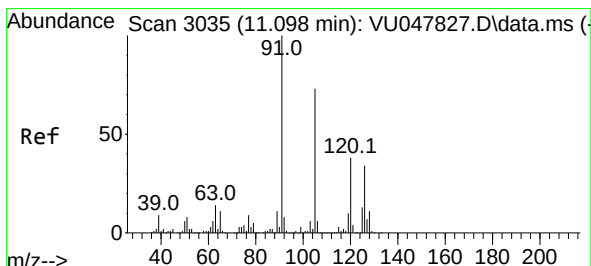
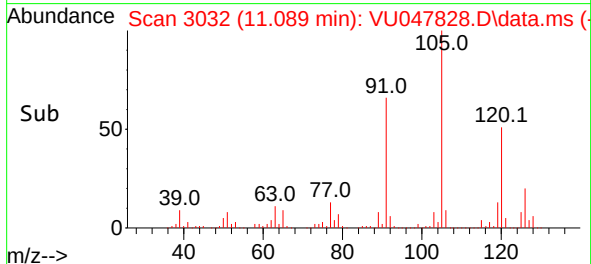
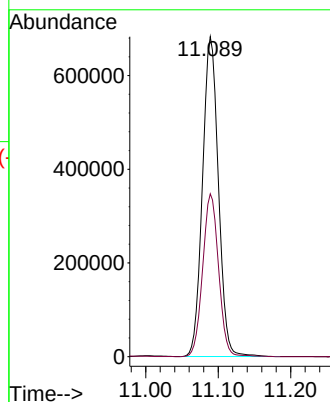
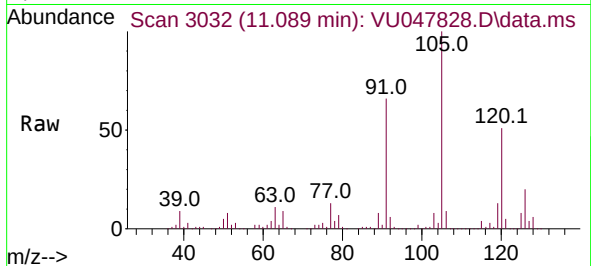




#75
1,3,5-Trimethylbenzene
Concen: 17.167 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

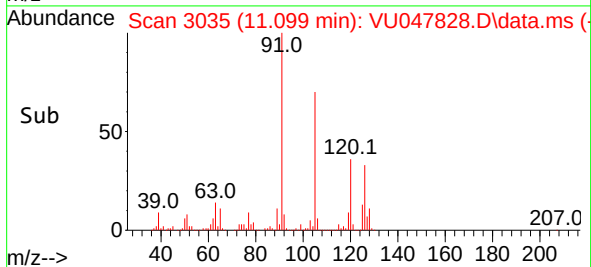
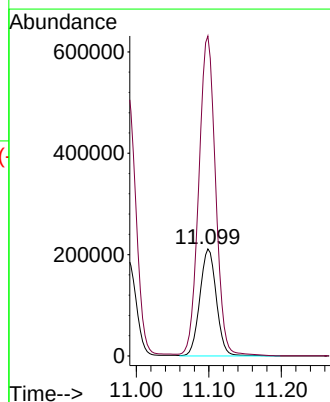
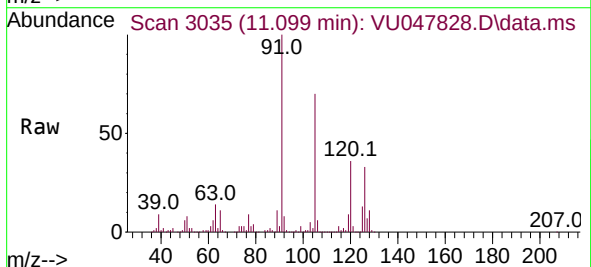
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

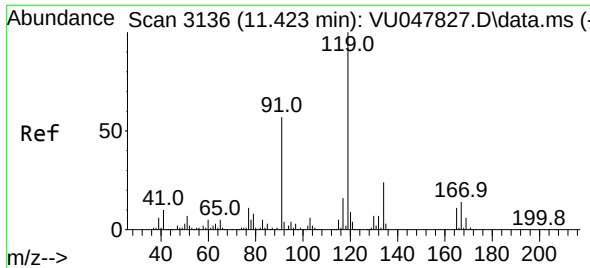
Tgt Ion:105 Resp: 1042217
Ion Ratio Lower Upper
105 100
120 50.9 40.6 61.0



#76
4-Chlorotoluene
Concen: 19.219 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:126 Resp: 333697
Ion Ratio Lower Upper
126 100
91 305.4 0.0 616.4

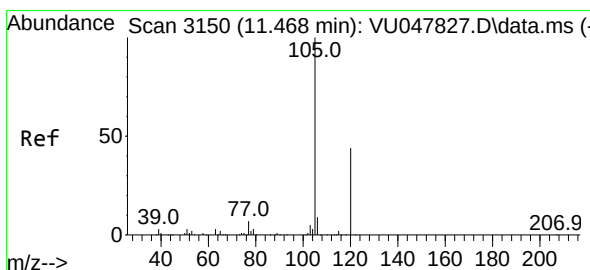
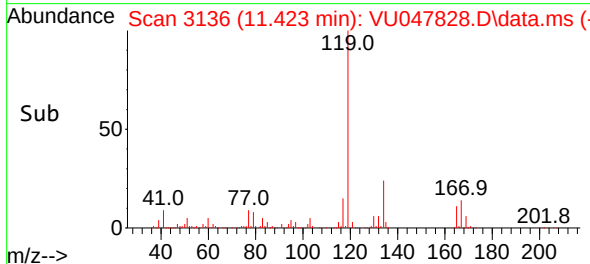
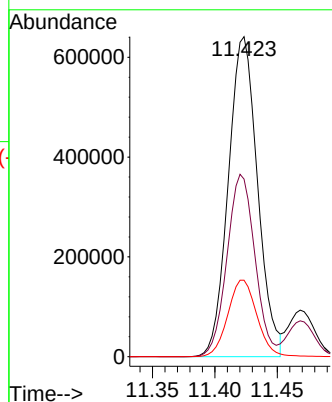
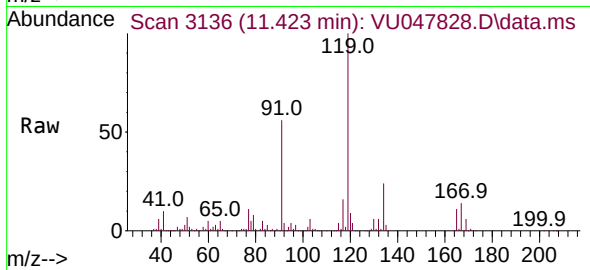




#77
tert-Butylbenzene
Concen: 17.617 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

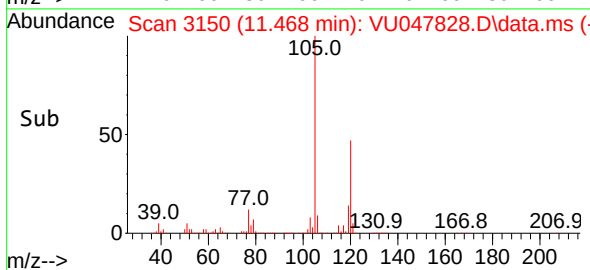
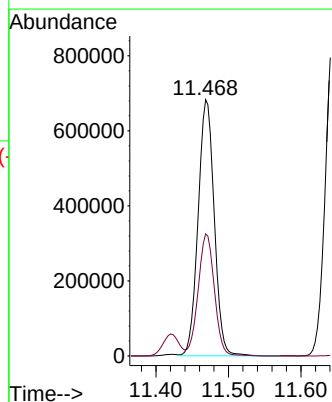
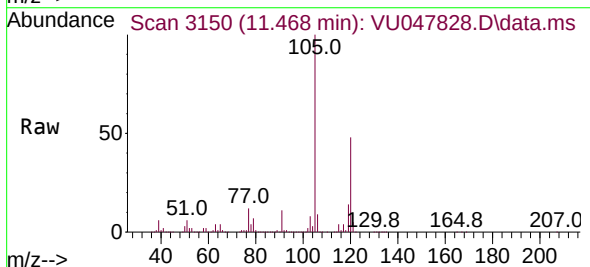
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

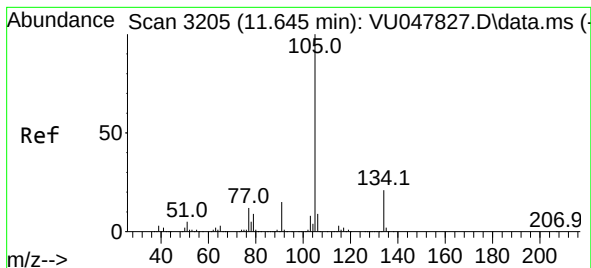
Tgt Ion:119 Resp: 1045724
Ion Ratio Lower Upper
119 100
91 54.5 27.3 81.9
134 23.9 19.0 28.4



#78
1,2,4-Trimethylbenzene
Concen: 17.021 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:105 Resp: 1054839
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5





#79

sec-Butylbenzene

Concen: 16.951 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

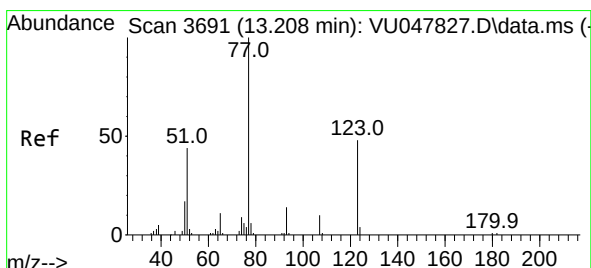
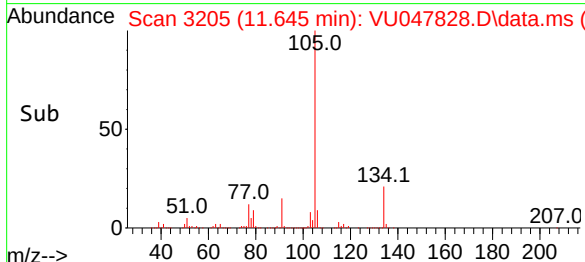
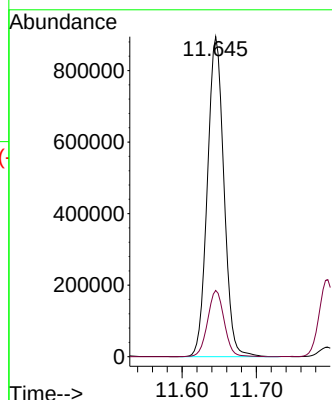
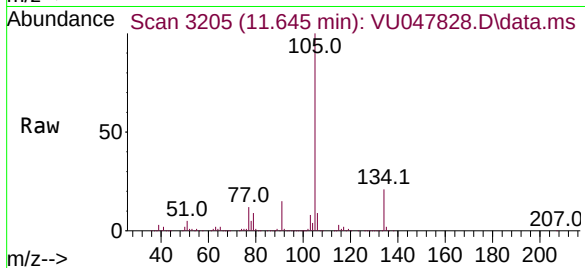
VSTDIC015

Tgt Ion:105 Resp: 1377475

Ion Ratio Lower Upper

105 100

134 20.8 16.7 25.1



#80

Nitrobenzene

Concen: 118.925 ug/l

RT: 13.208 min Scan# 3691

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

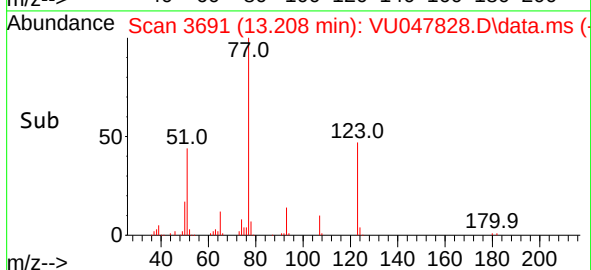
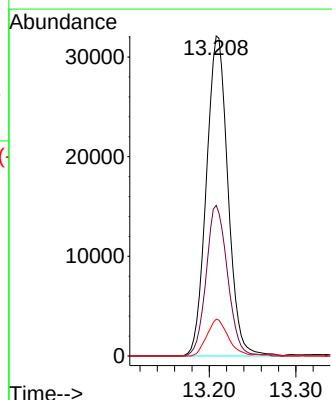
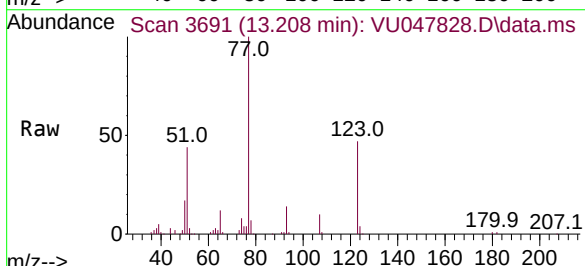
Tgt Ion: 77 Resp: 55519

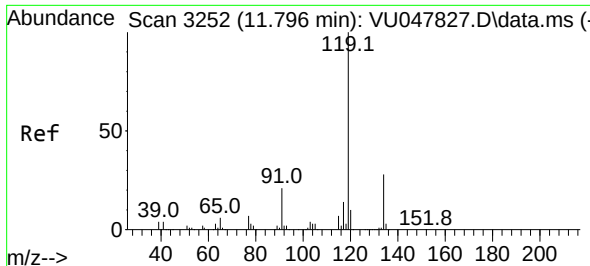
Ion Ratio Lower Upper

77 100

123 46.7 20.6 73.0

65 10.9 10.4 13.2

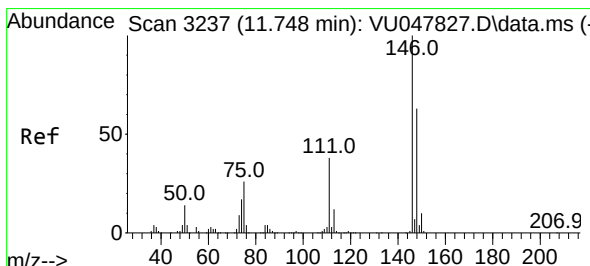
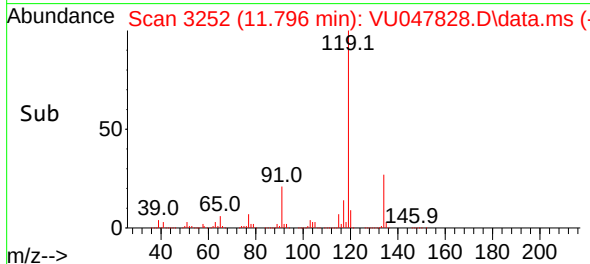
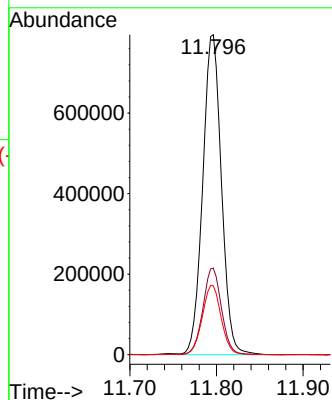
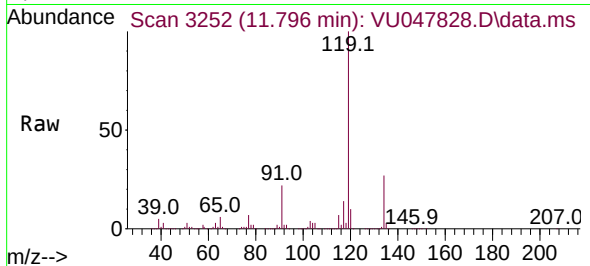




#81
p-Isopropyltoluene
Concen: 18.116 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

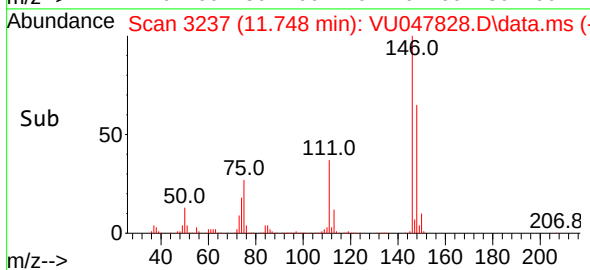
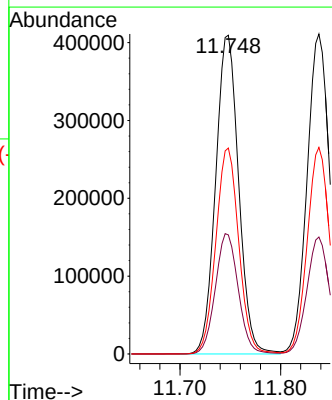
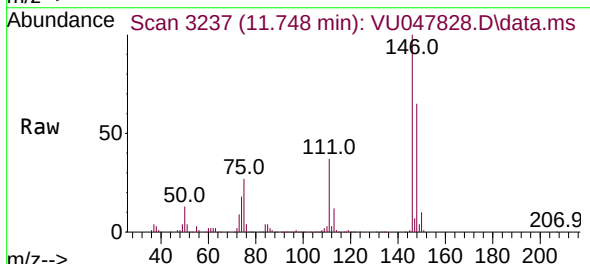
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

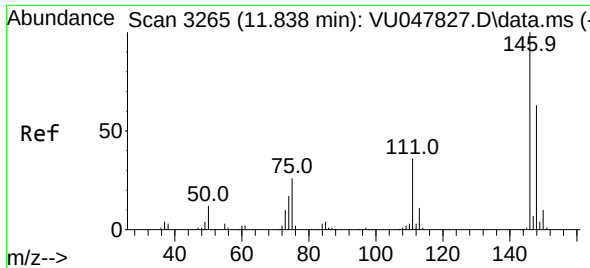
Tgt Ion:119 Resp: 1190109
Ion Ratio Lower Upper
119 100
134 26.9 21.8 32.8
91 21.8 17.4 26.2



#82
1,3-Dichlorobenzene
Concen: 19.371 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:146 Resp: 650360
Ion Ratio Lower Upper
146 100
111 37.6 30.2 45.2
148 64.5 50.6 76.0

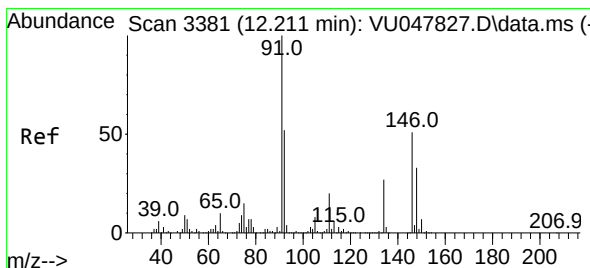
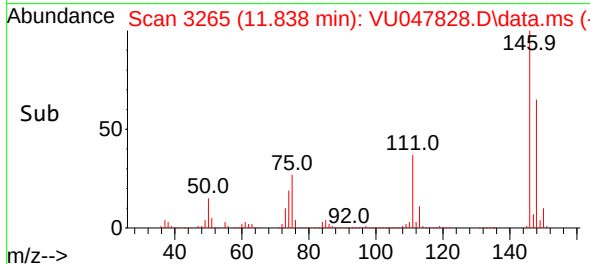
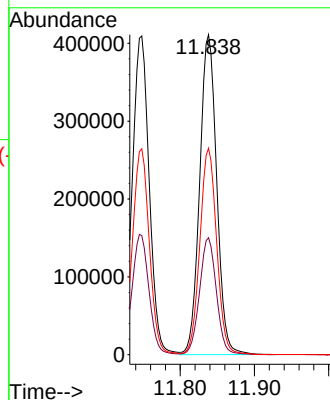
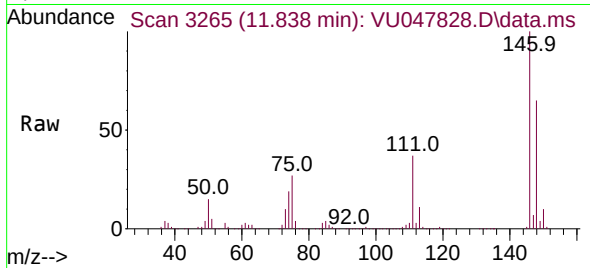




#83
1,4-Dichlorobenzene
Concen: 19.650 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

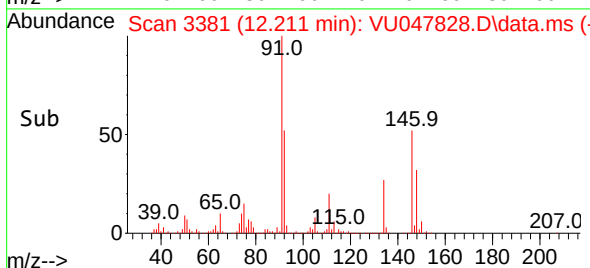
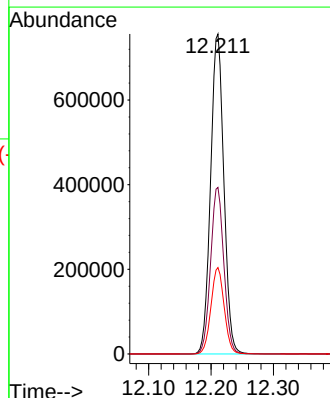
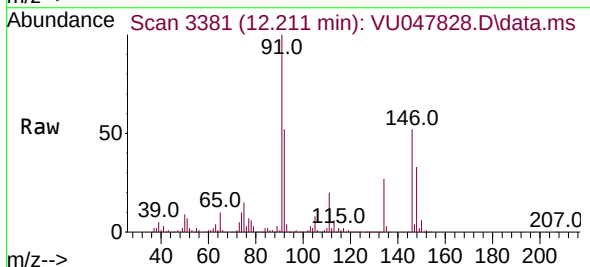
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

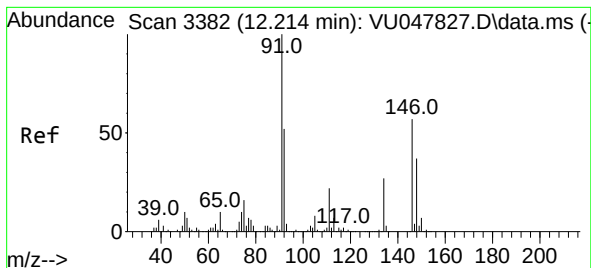
Tgt Ion:146 Resp: 654691
Ion Ratio Lower Upper
146 100
111 36.2 28.7 43.1
148 63.8 50.8 76.2



#84
n-Butylbenzene
Concen: 17.994 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion: 91 Resp: 1116793
Ion Ratio Lower Upper
91 100
92 52.2 41.8 62.6
134 26.9 21.4 32.2





#85

1,2-Dichlorobenzene

Concen: 19.757 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

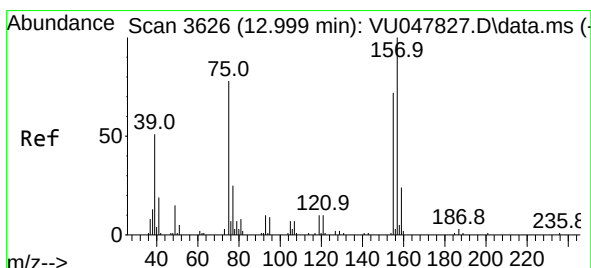
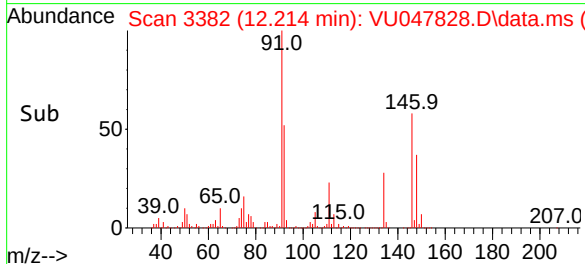
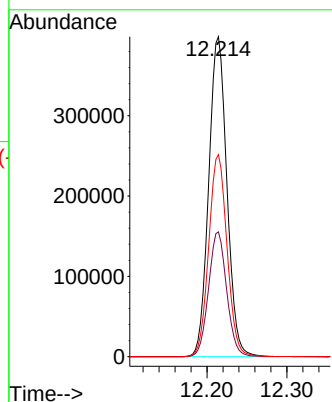
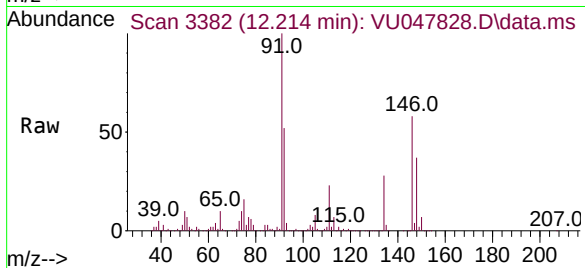
Tgt Ion:146 Resp: 630977

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.7 32.3 96.8



#86

1,2-Dibromo-3-Chloropropane

Concen: 17.016 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047828.D

Acq: 06 Apr 2022 13:19

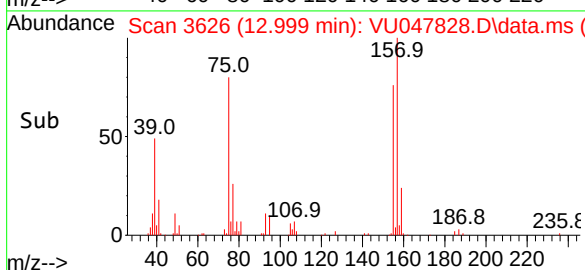
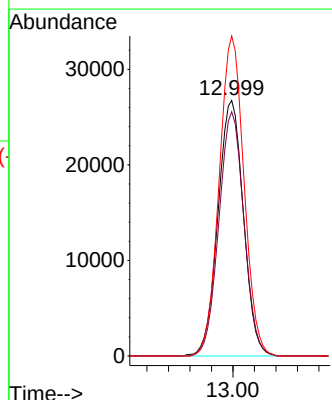
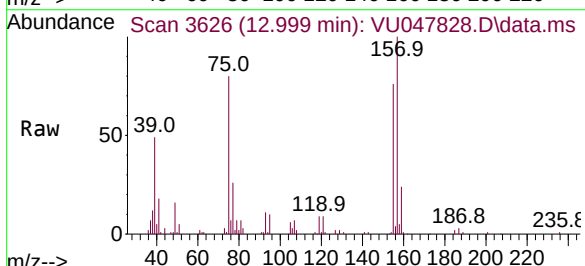
Tgt Ion: 75 Resp: 43861

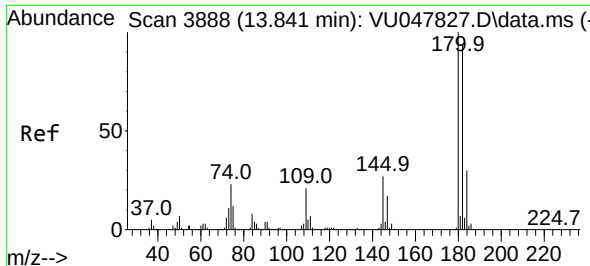
Ion Ratio Lower Upper

75 100

155 94.0 76.2 114.2

157 122.2 99.1 148.7

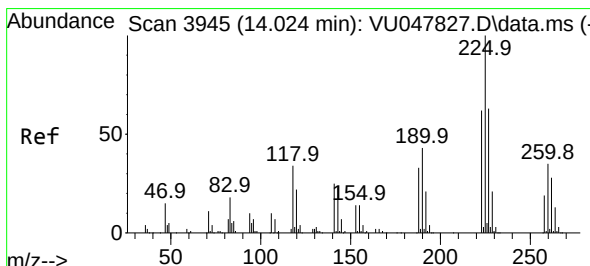
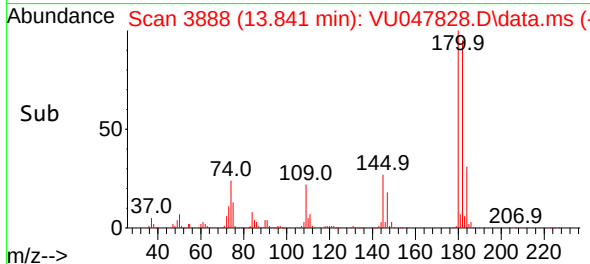
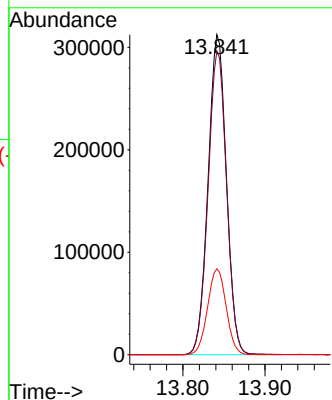
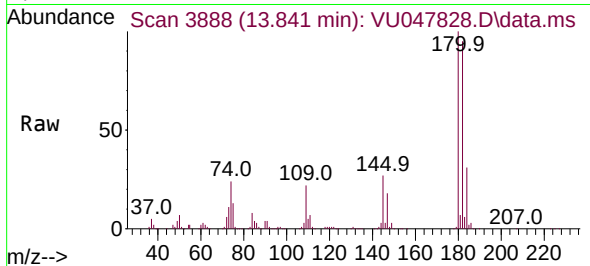




#87
 1,2,4-Trichlorobenzene
 Concen: 23.830 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

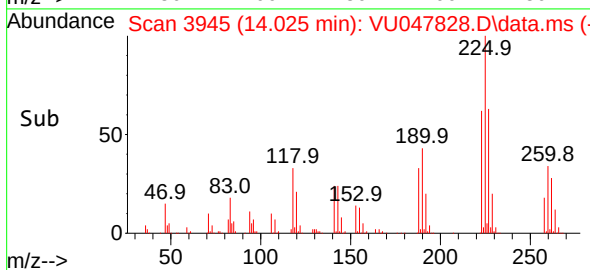
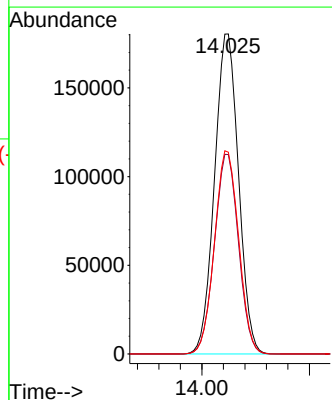
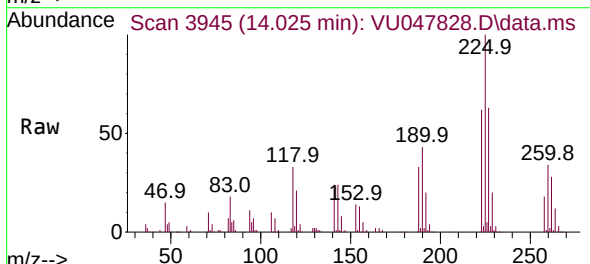
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

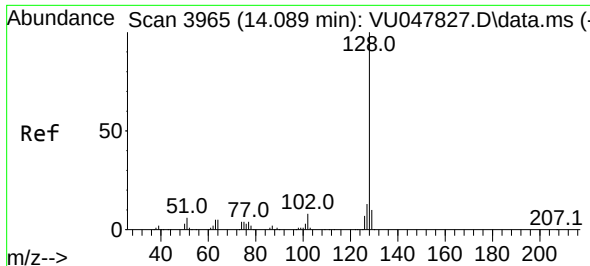
Tgt Ion:180 Resp: 486638
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.6
 145 27.2 21.7 32.5



#88
 Hexachlorobutadiene
 Concen: 27.483 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.000 min
 Lab File: VU047828.D
 Acq: 06 Apr 2022 13:19

Tgt Ion:225 Resp: 279624
 Ion Ratio Lower Upper
 225 100
 223 62.5 50.0 75.0
 227 64.0 51.0 76.6

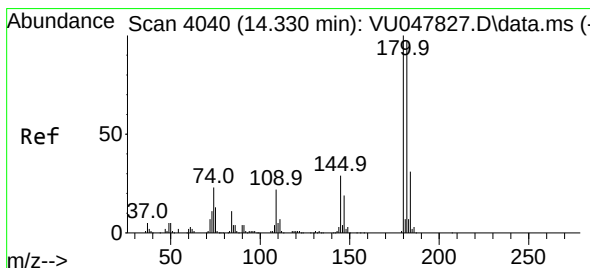
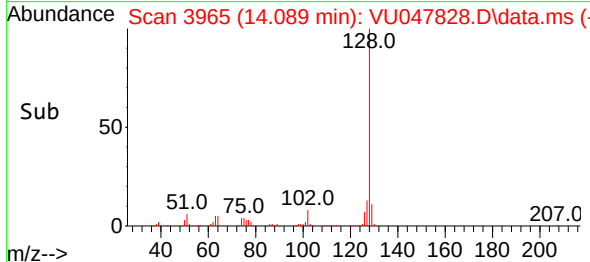
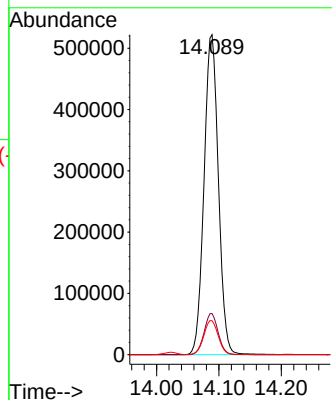
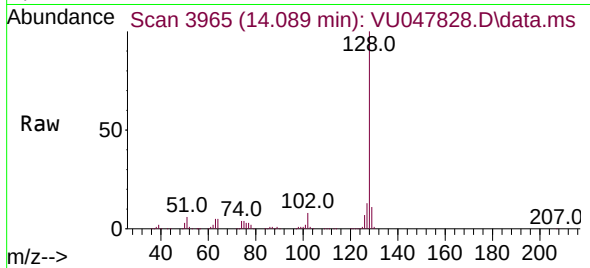




#89
Naphthalene
Concen: 21.822 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 836353
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 23.586 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047828.D
Acq: 06 Apr 2022 13:19

Tgt Ion:180 Resp: 447058
Ion Ratio Lower Upper
180 100
182 95.7 77.2 115.8
145 28.9 23.3 34.9

