

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053779.D
 Acq On : 19 Apr 2023 12:59
 Operator : JC/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Quant Time: Apr 20 08:10:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	31725	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	13463	1.164	ug/l	0.00
Spiked Amount 1.000			Recovery	=	116.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	15991	1.326	ug/l	0.00
Spiked Amount 1.000			Recovery	=	133.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	150634	13.609	ug/l	100
3) Chloromethane	1.523	50	123312	11.089	ug/l	98
4) Vinyl Chloride	1.604	62	155923	13.147	ug/l	99
5) Bromomethane	1.845	94	104781	10.471	ug/l	100
6) Chloroethane	1.928	64	98833	12.884	ug/l	97
7) Trichlorofluoromethane	2.134	101	262012	14.413	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	167598	17.594	ug/l	93
9) 1,1-Dichloroethene	2.578	96	134638	15.881	ug/l	85
10) Iodomethane	2.719	142	178239	20.558	ug/l	97
11) Allyl Chloride	2.919	41	158169	16.658	ug/l	98
12) Acrylonitrile	3.308	53	65504	38.159	ug/l	96
13) Acetone	2.620	43	253664	77.265	ug/l	94
14) Carbon Disulfide	2.790	76	228535	9.664	ug/l	100
15) Methylene Chloride	3.041	84	177038	8.880	ug/l	89
16) trans-1,2-Dichloroethene	3.346	96	144958	16.536	ug/l	89
17) 1,1-Dichloroethane	3.864	63	302447	18.566	ug/l	99
18) 2-Butanone	4.710	43	312609	91.663	ug/l	99
19) Cyclohexane	5.375	56	185516	14.498	ug/l	86
20) Methylcyclohexane	6.755	83	206690	13.364	ug/l	90
21) 2,2-Dichloropropane	4.658	77	271699	19.259	ug/l	100
22) cis-1,2-Dichloroethene	4.658	96	183230	18.914	ug/l	95
23) Diethyl Ether	2.372	59	100972	15.178	ug/l	90
24) tert-Butyl Alcohol	3.179	59	149324	225.135	ug/l	# 1
25) Methyl tert-Butyl Ether	3.362	73	384429	19.777	ug/l	93
26) Bromochloromethane	4.967	128	78585	19.622	ug/l	90
27) Chloroform	5.083	83	325514	19.058	ug/l	99
28) 1,1,1-Trichloroethane	5.308	97	273877	18.735	ug/l	97
29) 1,1-Dichloropropene	5.517	75	174836	14.657	ug/l	98
30) Carbon Tetrachloride	5.514	117	202320	17.884	ug/l	99
31) Isopropyl Ether	3.993	45	436850	19.336	ug/l	90
32) Ethyl-t-butyl ether	4.507	59	445066	19.175	ug/l	94
33) Tert-Amyl methyl ether	5.944	73	342773	17.215	ug/l	97
34) Propionitrile	4.774	54	66580	116.282	ug/l	# 16
35) Benzene	5.768	78	545032	15.427	ug/l	99
36) 1,2-Dichloroethane	5.790	62	164464	15.928	ug/l	99
37) Trichloroethene	6.536	130	156686	17.293	ug/l	93
38) 1,2-Dichloropropane	6.787	63	157117	17.040	ug/l	99
39) Methacrylonitrile	4.977	41	48169	20.286	ug/l	92
40) Methyl acrylate	4.845	55	87425	20.172	ug/l	97
41) Tetrahydrofuran	5.060	42	47255	38.963	ug/l	89
42) 1-Chlorobutane	5.449	56	238106	14.909	ug/l	96
43) Dibromomethane	6.915	93	79472	17.980	ug/l	98
44) Bromodichloromethane	7.102	83	206803	18.678	ug/l	99

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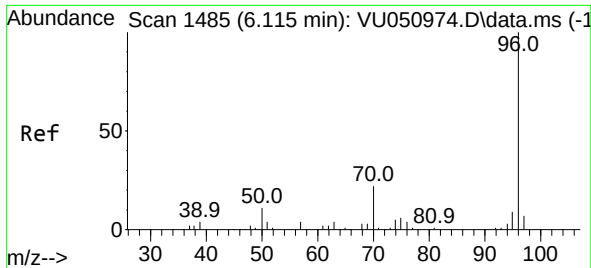
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	419571	90.817	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	206231	82.573	ug/l #	47
47) Methyl methacrylate	6.964	69	148298	36.424	ug/l	90
48) Ethyl methacrylate	8.333	69	149362	18.985	ug/l	86
49) Toluene	7.964	92	363797	16.687	ug/l	97
50) t-1,3-Dichloropropene	8.208	75	195246	19.103	ug/l	99
51) cis-1,3-Dichloropropene	7.603	75	231035	18.384	ug/l	95
52) 1,1,2-Trichloroethane	8.398	97	123891	18.919	ug/l	98
53) 1,3-Dichloropropane	8.571	76	203039	18.310	ug/l	99
54) 2-Hexanone	8.684	43	410855	84.423	ug/l	94
55) Dibromochloromethane	8.806	129	147254	21.943	ug/l	99
56) 1,2-Dibromoethane	8.922	107	113588	18.958	ug/l	99
58) Tetrachloroethene	8.549	164	150940	17.766	ug/l	97
59) Chlorobenzene	9.443	112	449989	18.340	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	162930	21.180	ug/l	99
61) Pentachloroethane	11.423	117	128601	23.056	ug/l	89
62) Hexachloroethane	12.471	117	139531	22.878	ug/l	98
63) Ethyl Benzene	9.565	91	764267	18.027	ug/l	98
64) m/p-Xylenes	9.690	106	603766	37.039	ug/l	95
65) o-Xylene	10.099	106	302259	18.831	ug/l	96
66) Styrene	10.111	104	502456	20.256	ug/l	98
67) Bromoform	10.288	173	79000	24.447	ug/l	99
69) Isopropylbenzene	10.481	105	812846	19.352	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	164850	20.648	ug/l	100
71) 1,2,3-Trichloropropane	10.832	75	206231	34.002	ug/l	68
72) Bromobenzene	10.777	156	195231	21.367	ug/l	90
73) n-propylbenzene	10.902	120	233944	20.775	ug/l	88
74) 2-Chlorotoluene	10.983	126	206276	20.998	ug/l	86
75) 1,3,5-Trimethylbenzene	11.086	105	723283	20.305	ug/l	99
76) 4-Chlorotoluene	11.092	126	213265	20.725	ug/l	91
77) tert-Butylbenzene	11.417	119	714944	21.272	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	750502	20.557	ug/l	97
79) sec-Butylbenzene	11.639	105	977808	20.477	ug/l	96
80) Nitrobenzene	13.201	77	27987	131.229	ug/l	95
81) p-Isopropyltoluene	11.790	119	823544	21.703	ug/l	97
82) 1,3-Dichlorobenzene	11.742	146	424624	21.741	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	436198	21.976	ug/l	98
84) n-Butylbenzene	12.205	91	793396	21.481	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	417532	22.255	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.992	75	26824	22.012	ug/l	90
87) 1,2,4-Trichlorobenzene	13.835	180	281318	25.199	ug/l	98
88) Hexachlorobutadiene	14.018	225	152744	27.533	ug/l	99
89) Naphthalene	14.082	128	518029	23.376	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	265083	26.726	ug/l	99

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

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QLast Update : Thu Apr 20 08:05:37 2023
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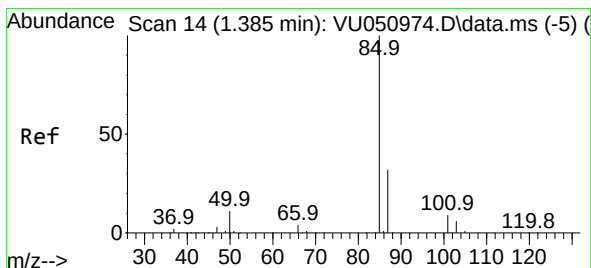
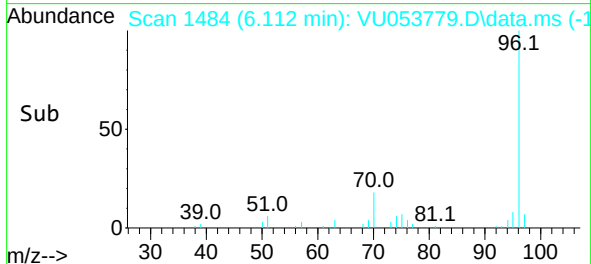
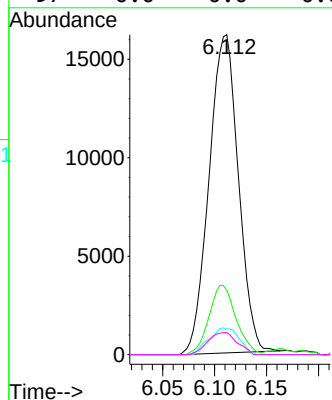
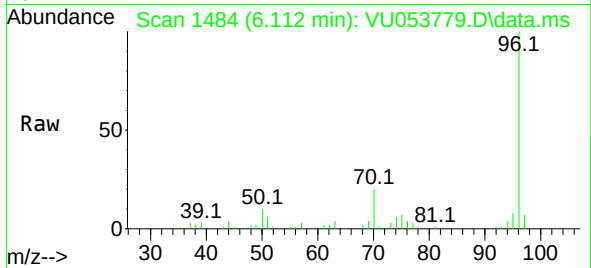




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU053779.D
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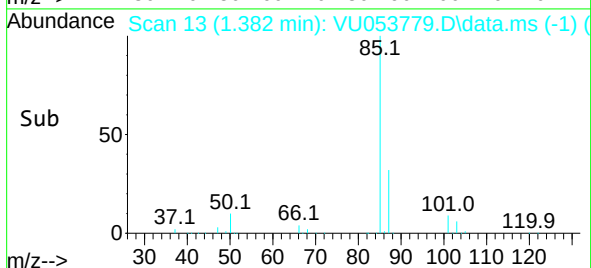
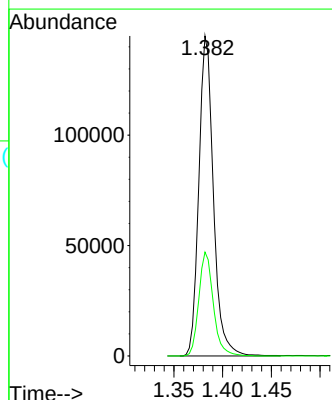
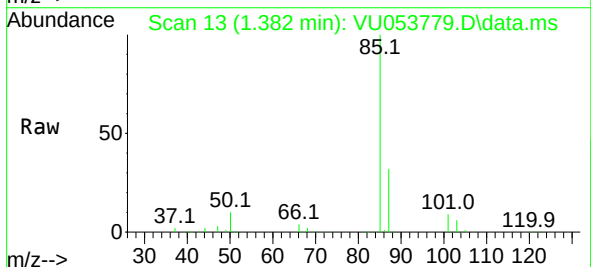
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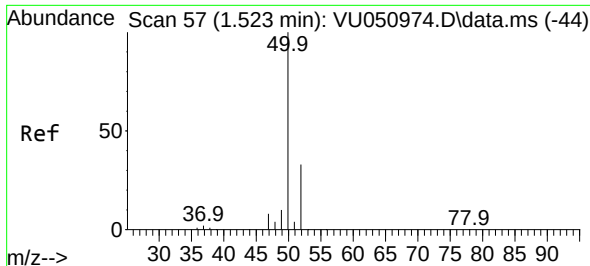
Tgt Ion: 96	Resp: 31725
Ion Ratio	Lower Upper
96 100	
70 19.4	16.5 24.7
95 0.0	7.4 11.0#
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 13.609 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 85	Resp: 150634
Ion Ratio	Lower Upper
85 100	
87 32.4	16.2 48.6

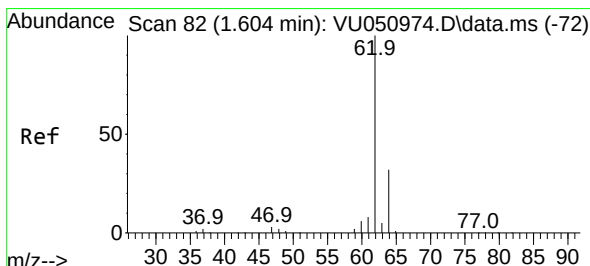
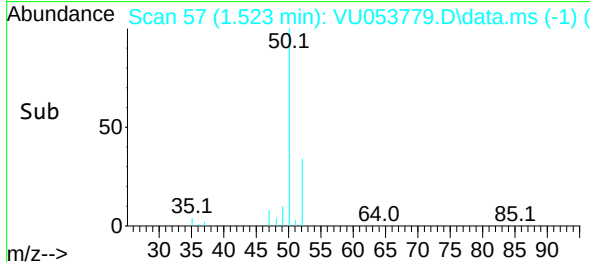
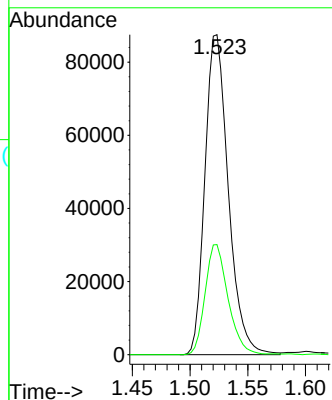
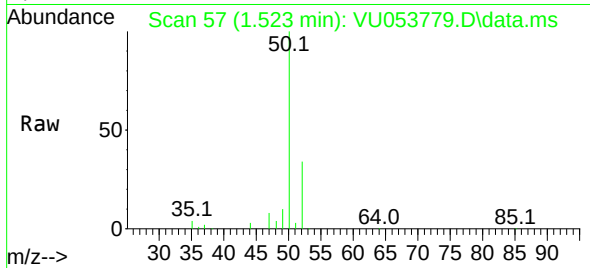




#3
Chloromethane
Concen: 11.089 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

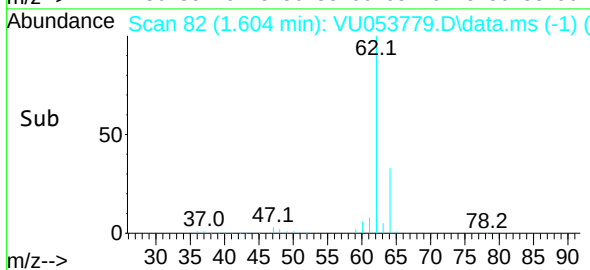
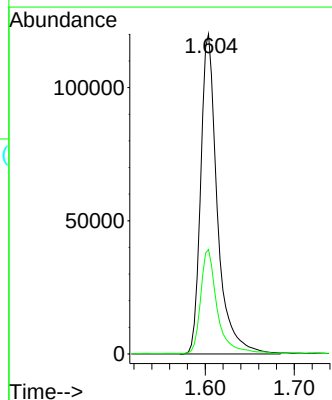
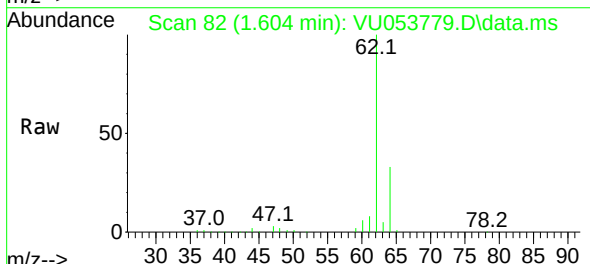
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

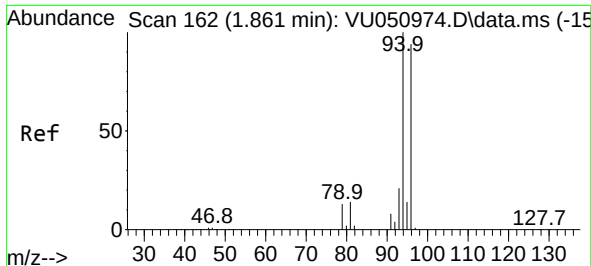
Tgt Ion: 50 Resp: 123312
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 13.147 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 62 Resp: 155923
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2





#5

Bromomethane

Concen: 10.471 ug/l

RT: 1.845 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

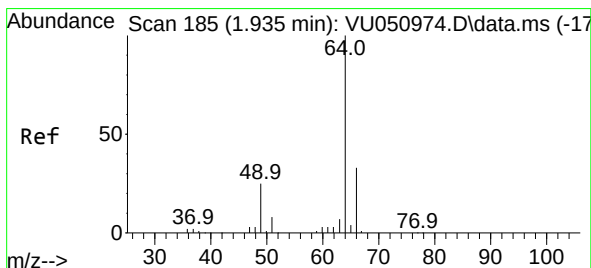
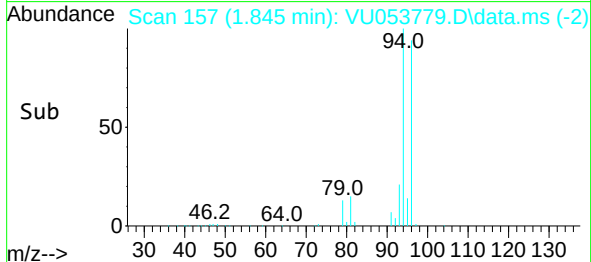
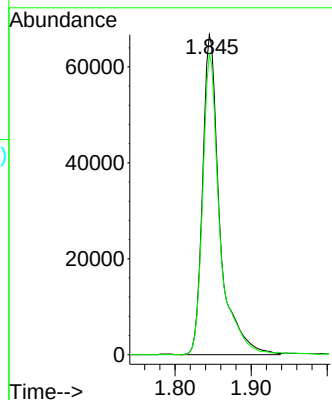
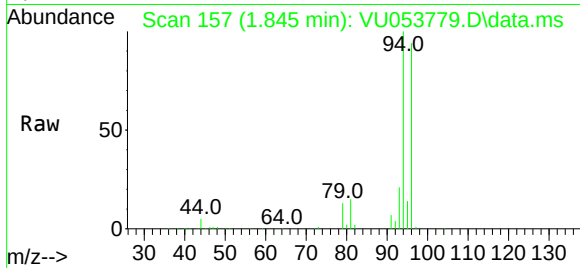
VSTDIC015

Tgt Ion: 94 Resp: 104781

Ion Ratio Lower Upper

94 100

96 93.8 75.4 113.2



#6

Chloroethane

Concen: 12.884 ug/l

RT: 1.928 min Scan# 183

Delta R.T. -0.000 min

Lab File: VU053779.D

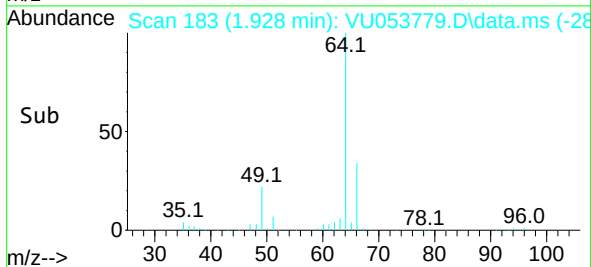
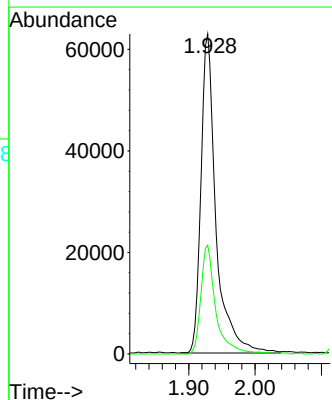
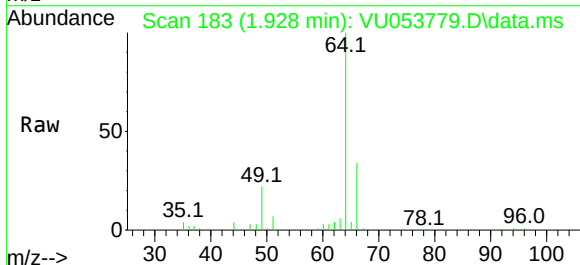
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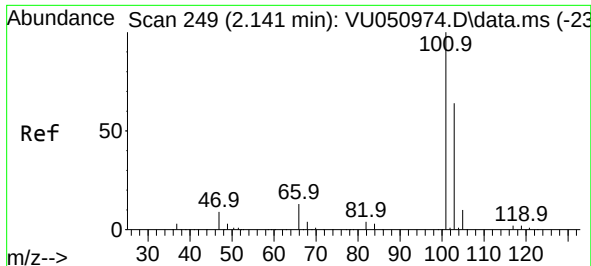
Tgt Ion: 64 Resp: 98833

Ion Ratio Lower Upper

64 100

66 34.1 26.0 39.0

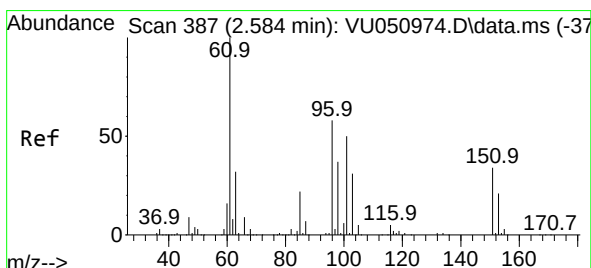
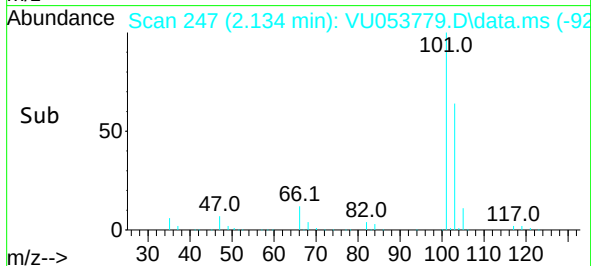
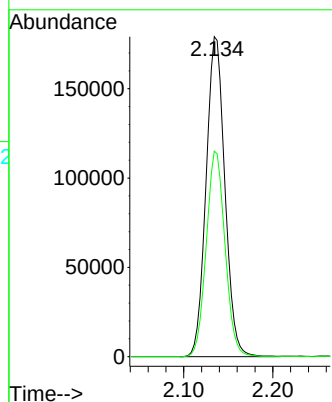
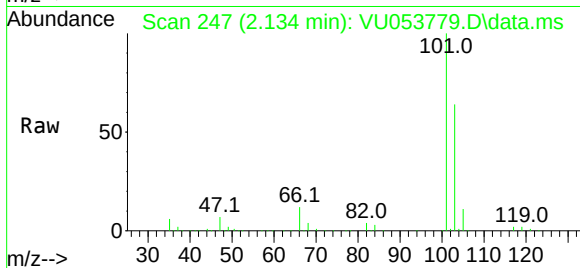




#7
 Trichlorofluoromethane
 Concen: 14.413 ug/l
 RT: 2.134 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

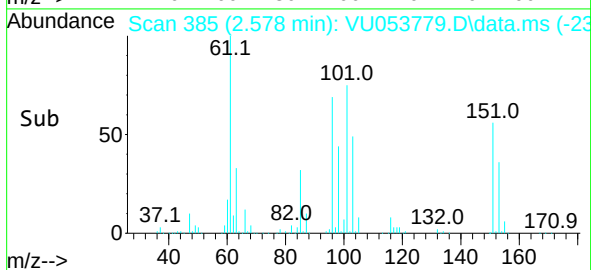
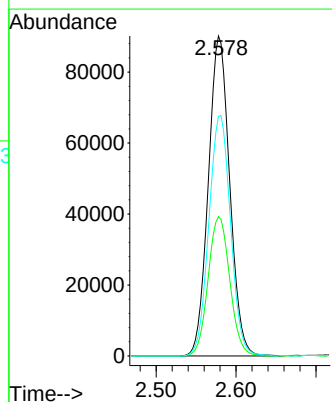
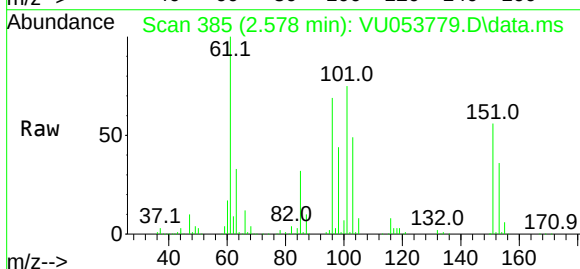
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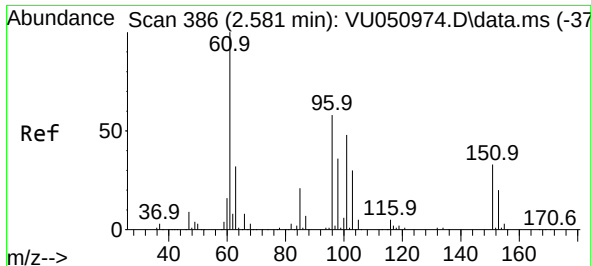
Tgt Ion:101 Resp: 262012
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.594 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

Tgt Ion:101 Resp: 167598
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.4 53.0
 151 76.4 54.0 81.0

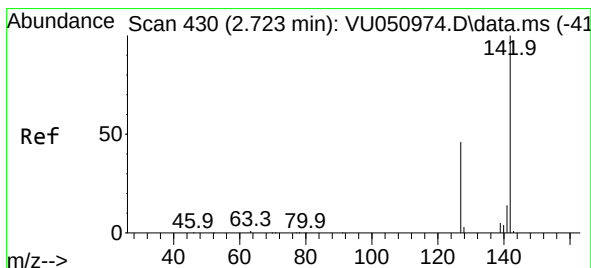
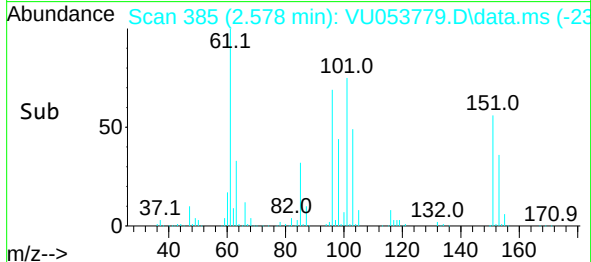
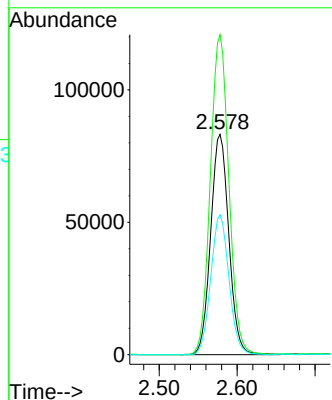
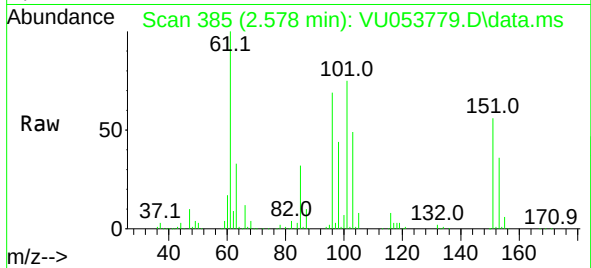




#9
1,1-Dichloroethene
Concen: 15.881 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

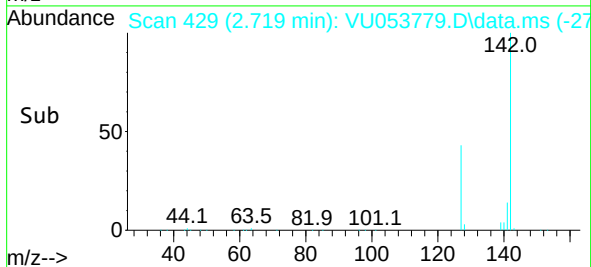
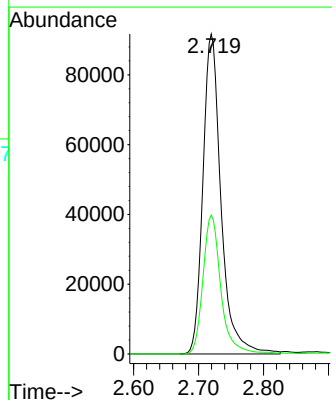
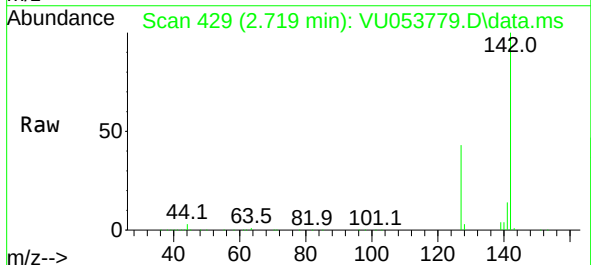
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ClientSampleId :
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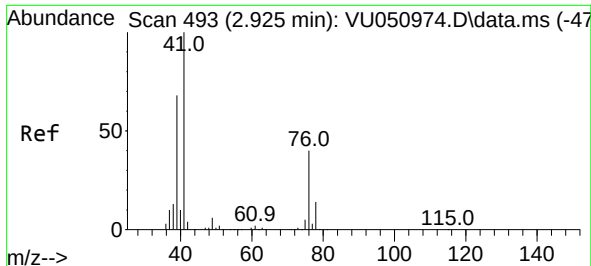
Tgt Ion: 96 Resp: 134638
Ion Ratio Lower Upper
96 100
61 145.2 0.0 521.4
98 63.5 0.0 125.8



#10
Iodomethane
Concen: 20.558 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 142 Resp: 178239
Ion Ratio Lower Upper
142 100
127 43.1 35.9 53.9

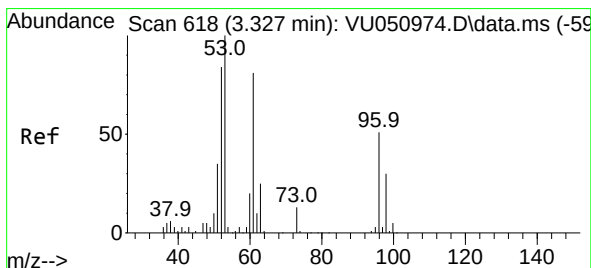
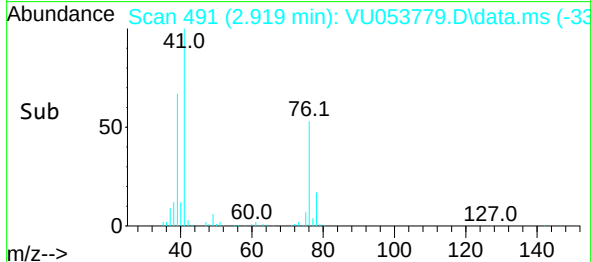
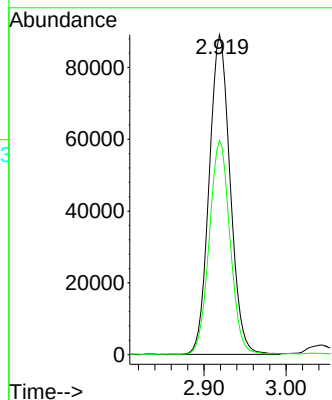
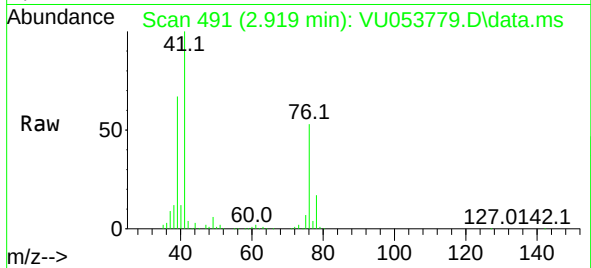




#11
 Allyl Chloride
 Concen: 16.658 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

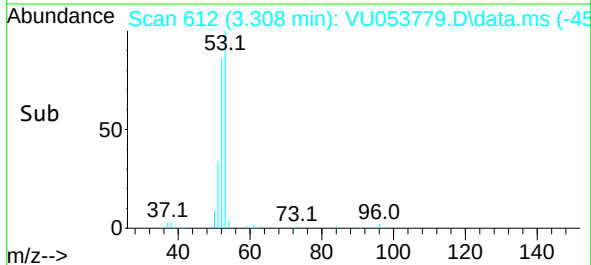
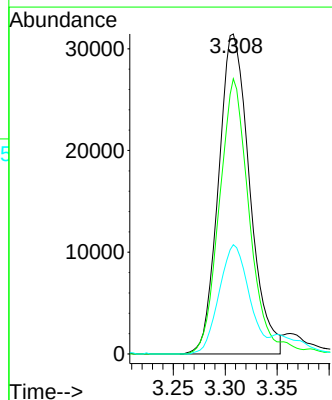
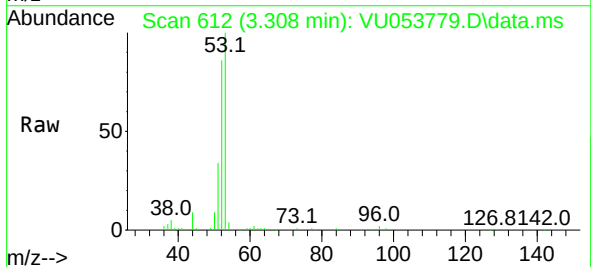
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

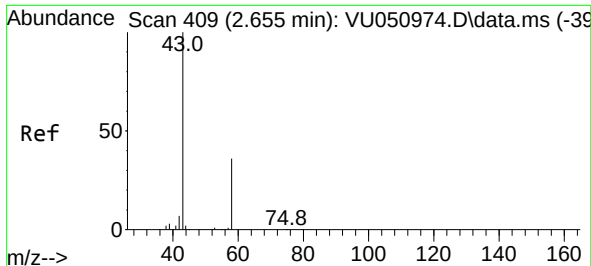
Tgt Ion: 41 Resp: 158169
 Ion Ratio Lower Upper
 41 100
 39 65.9 54.2 81.2



#12
 Acrylonitrile
 Concen: 38.159 ug/l
 RT: 3.308 min Scan# 612
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

Tgt Ion: 53 Resp: 65504
 Ion Ratio Lower Upper
 53 100
 52 82.8 62.9 94.3
 51 33.1 27.8 41.6





#13

Acetone

Concen: 77.265 ug/l

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

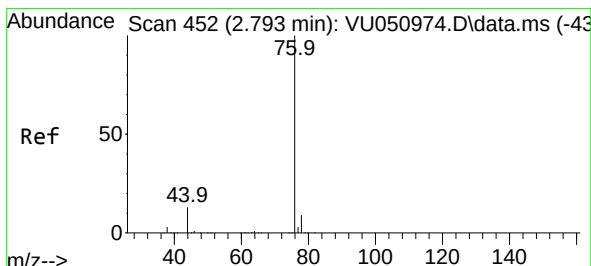
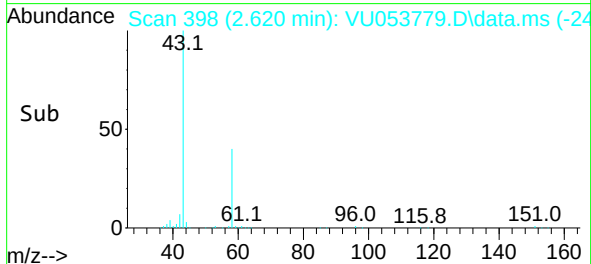
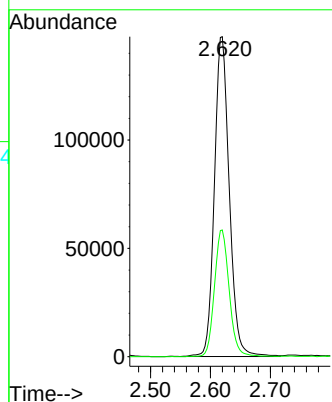
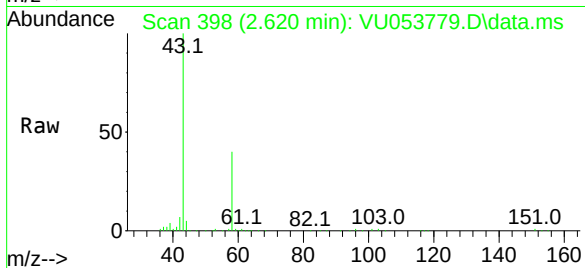
VSTDICC015

Tgt Ion: 43 Resp: 253664

Ion Ratio Lower Upper

43 100

58 39.6 29.0 43.4



#14

Carbon Disulfide

Concen: 9.664 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU053779.D

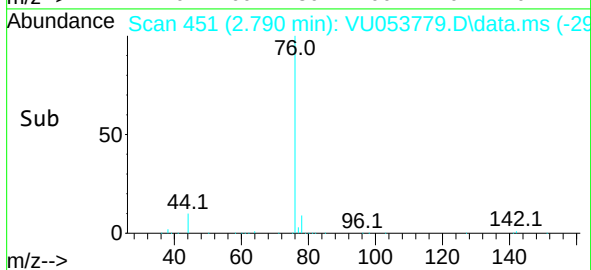
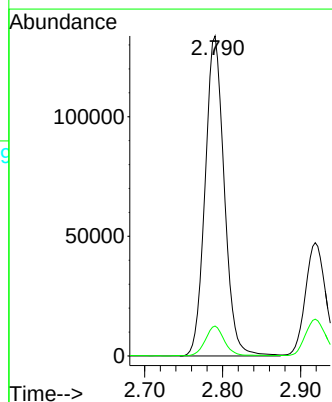
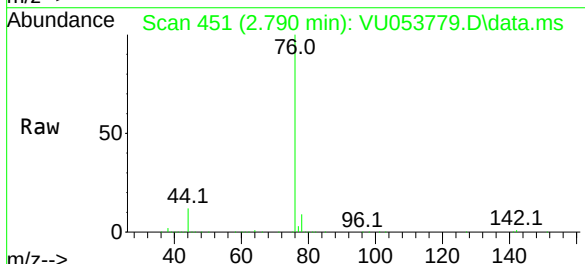
Acq: 19 Apr 2023 12:59

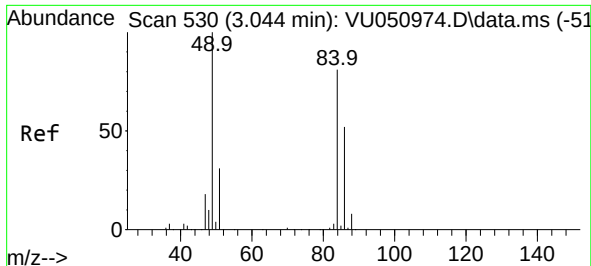
Tgt Ion: 76 Resp: 228535

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



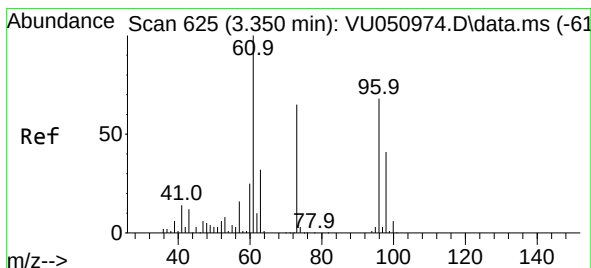
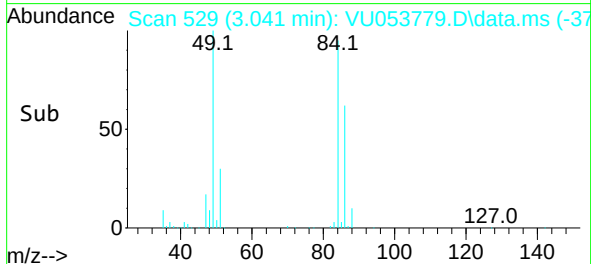
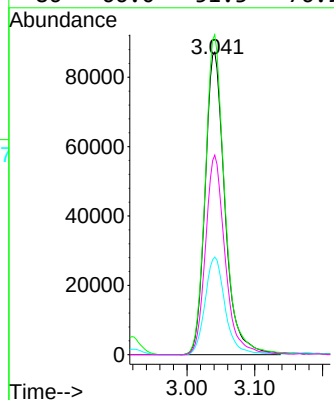
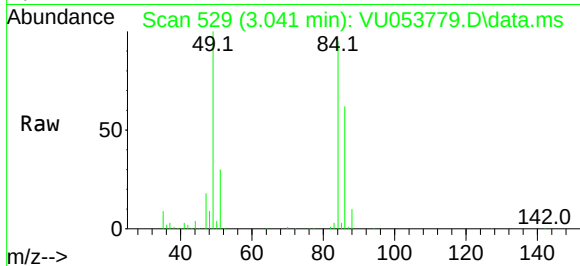


#15
Methylene Chloride
Concen: 8.880 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 84 Resp: 177038

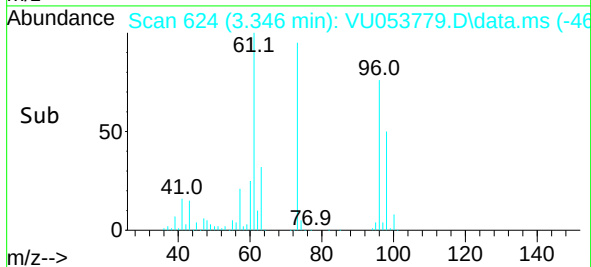
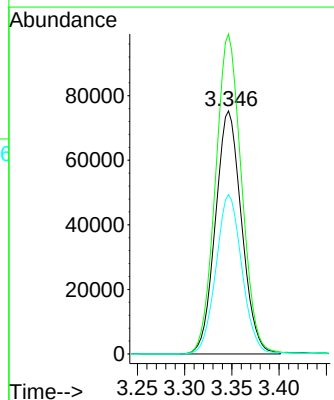
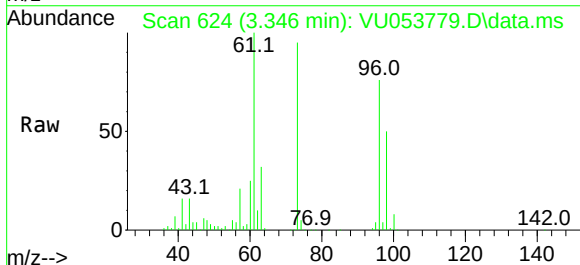
Ion	Ratio	Lower	Upper
84	100		
49	105.7	98.9	148.3
51	32.2	0.0	75.4
86	66.0	51.3	76.9

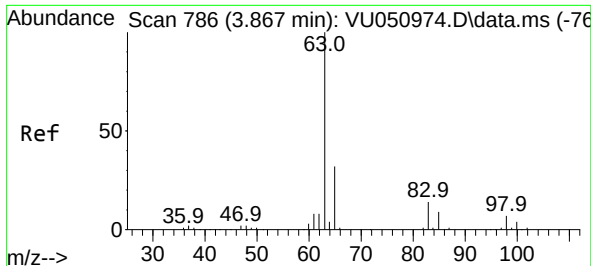


#16
trans-1,2-Dichloroethene
Concen: 16.536 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 96 Resp: 144958

Ion	Ratio	Lower	Upper
96	100		
61	131.6	117.5	176.3
98	65.5	48.3	72.5

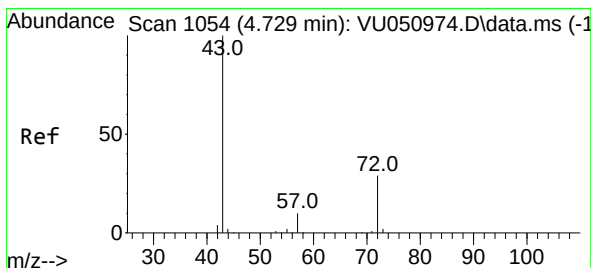
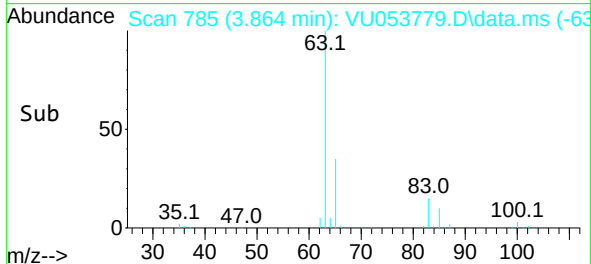
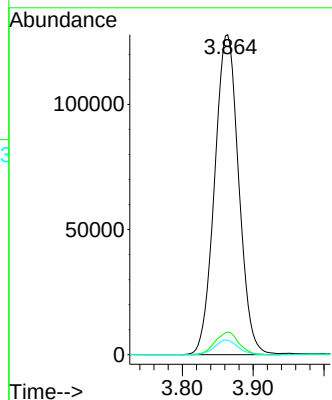
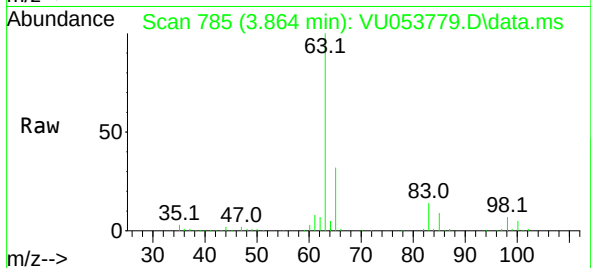




#17
 1,1-Dichloroethane
 Concen: 18.566 ug/l
 RT: 3.864 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

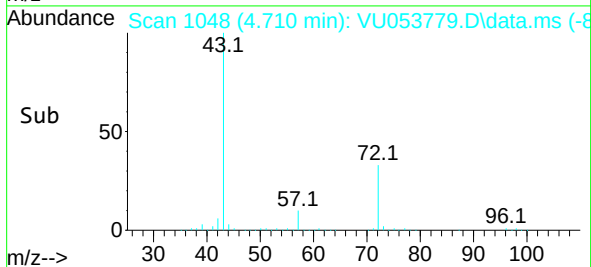
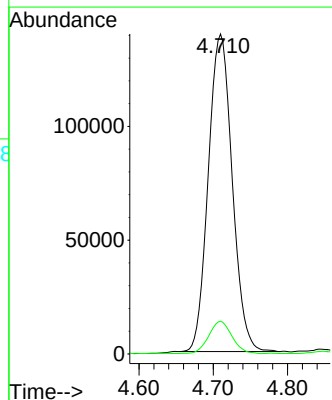
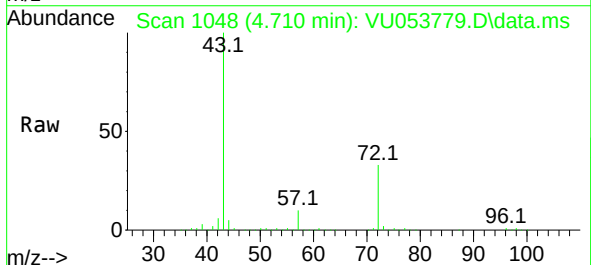
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

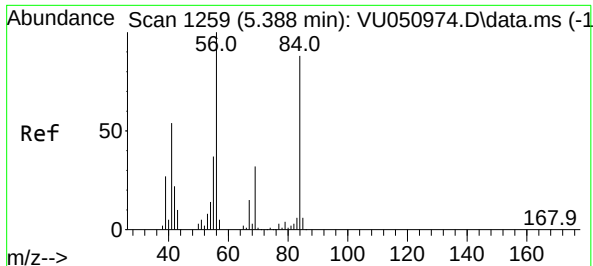
Tgt Ion: 63 Resp: 302447
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.5 2.2 6.6



#18
 2-Butanone
 Concen: 91.663 ug/l
 RT: 4.710 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

Tgt Ion: 43 Resp: 312609
 Ion Ratio Lower Upper
 43 100
 57 10.1 0.0 19.6





#19

Cyclohexane

Concen: 14.498 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

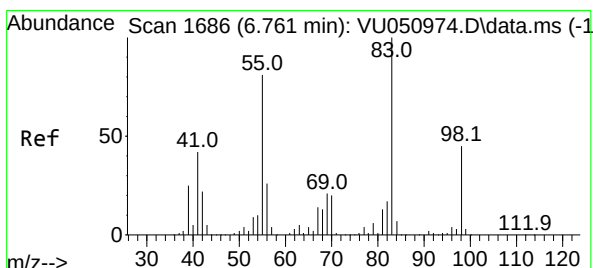
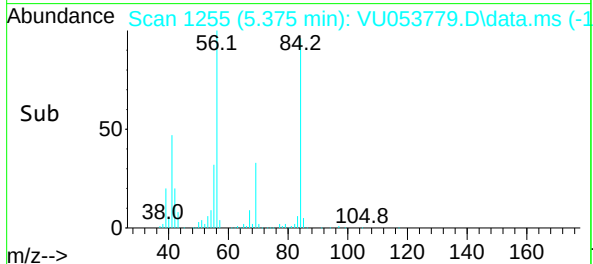
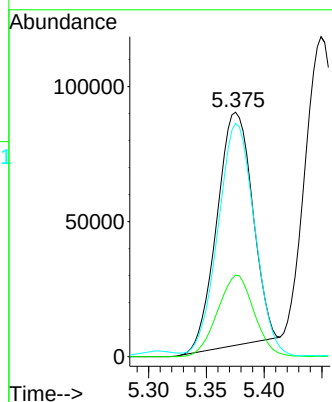
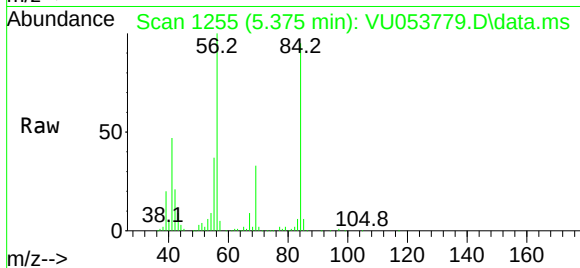
Tgt Ion: 56 Resp: 185516

Ion Ratio Lower Upper

56 100

69 35.9 24.6 37.0

84 100.4 68.4 102.6



#20

Methylcyclohexane

Concen: 13.364 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

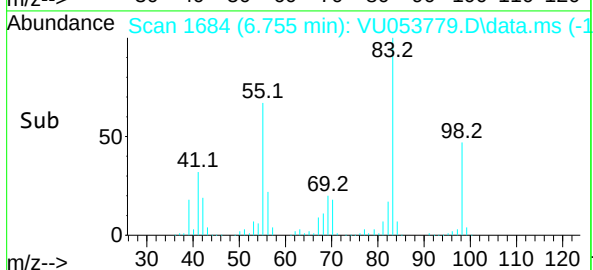
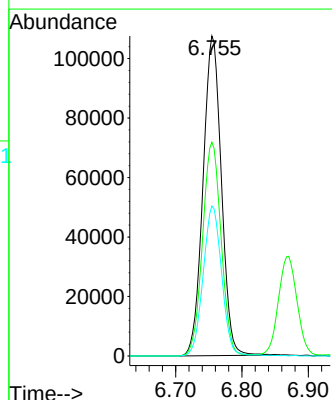
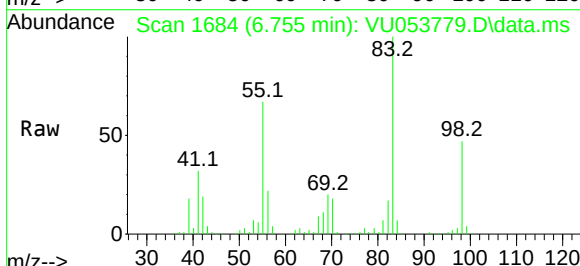
Tgt Ion: 83 Resp: 206690

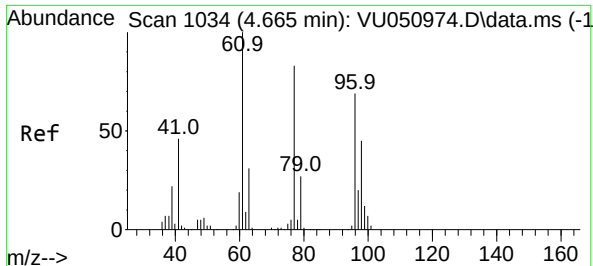
Ion Ratio Lower Upper

83 100

55 66.9 63.5 95.3

98 46.5 36.0 54.0





#21

2,2-Dichloropropane

Concen: 19.259 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

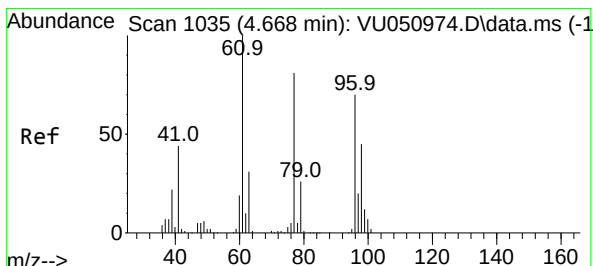
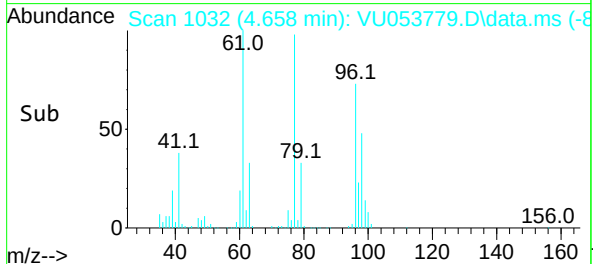
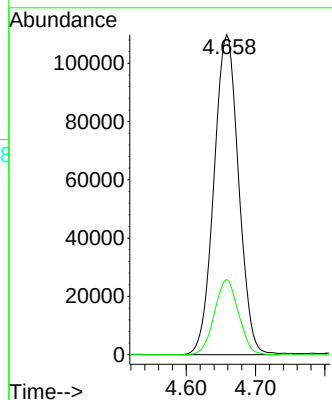
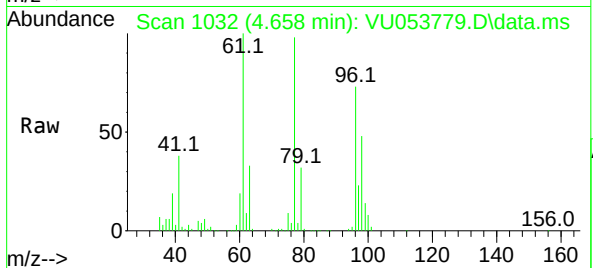
VSTDIC015

Tgt Ion: 77 Resp: 271699

Ion Ratio Lower Upper

77 100

97 23.0 18.4 27.6



#22

cis-1,2-Dichloroethene

Concen: 18.914 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

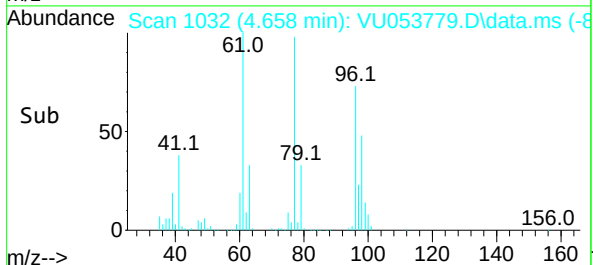
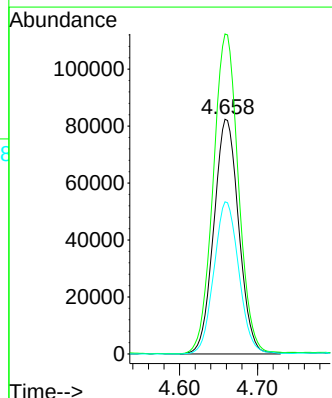
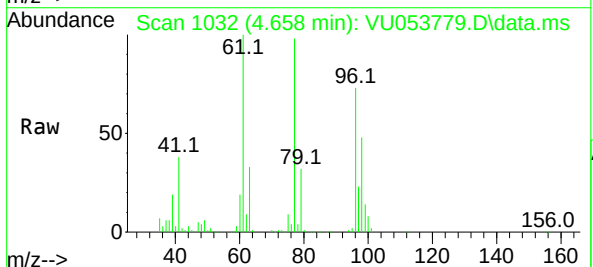
Tgt Ion: 96 Resp: 183230

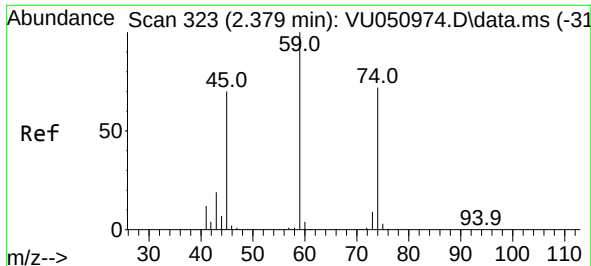
Ion Ratio Lower Upper

96 100

61 138.0 0.0 365.8

98 64.9 32.0 96.0

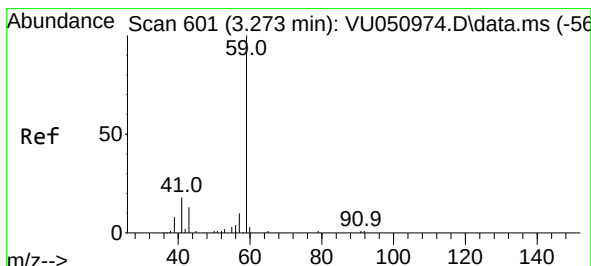
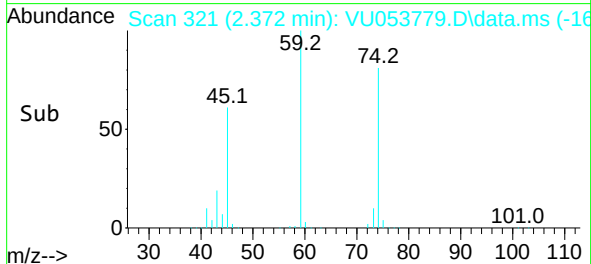
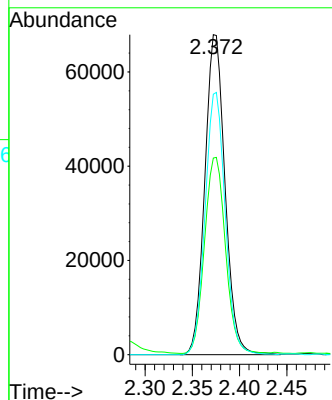
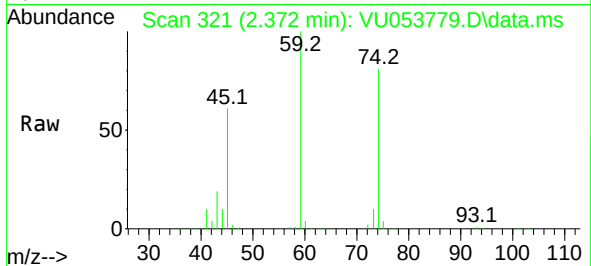




#23
Diethyl Ether
Concen: 15.178 ug/l
RT: 2.372 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

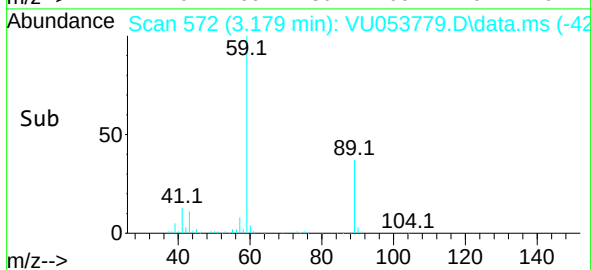
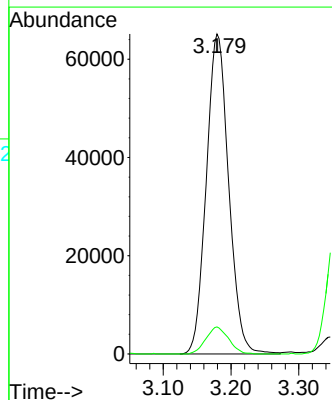
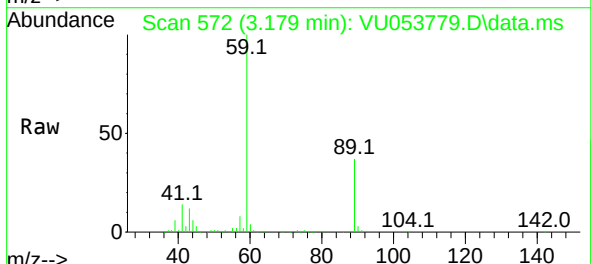
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

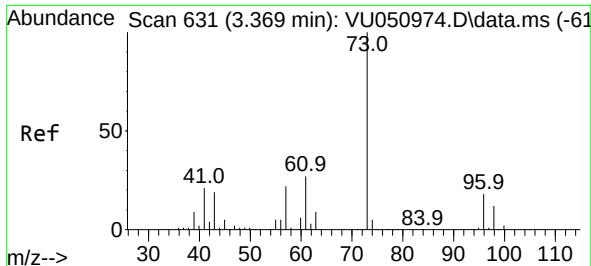
Tgt Ion: 59 Resp: 100972
Ion Ratio Lower Upper
59 100
45 63.5 56.1 84.1
74 81.5 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 225.135 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 59 Resp: 149324
Ion Ratio Lower Upper
59 100
57 8.5 105.6 158.4#

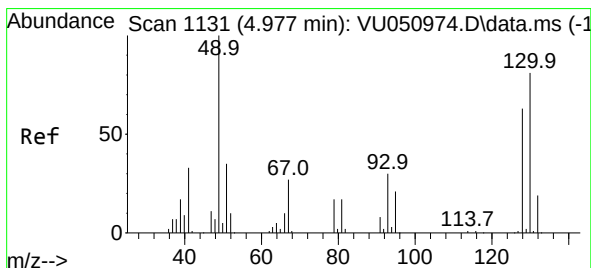
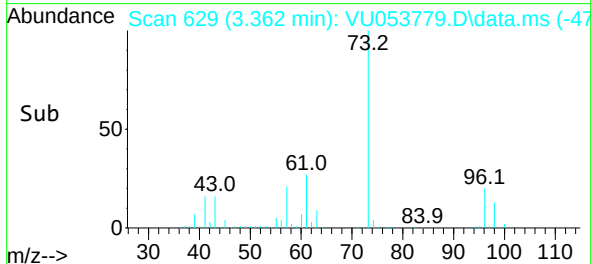
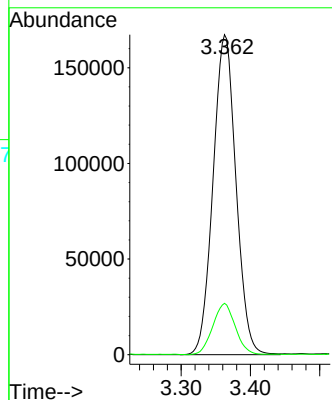
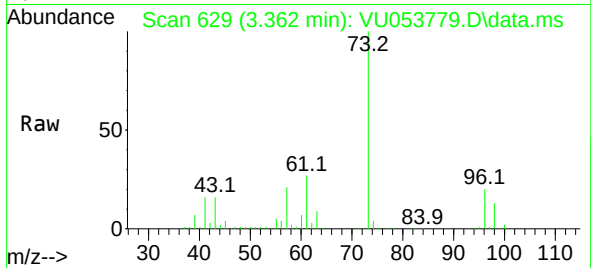




#25
Methyl tert-Butyl Ether
Concen: 19.777 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

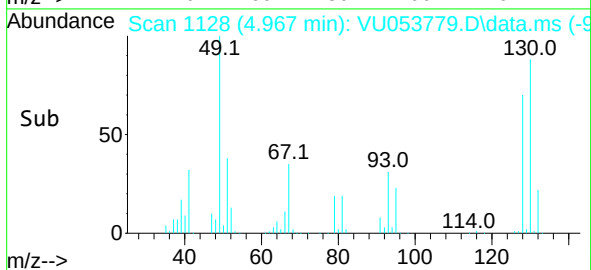
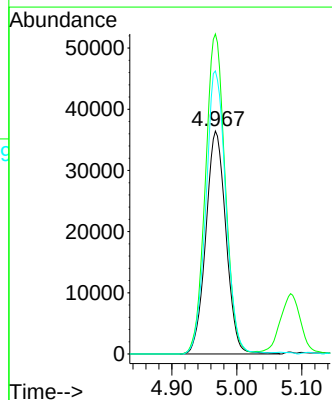
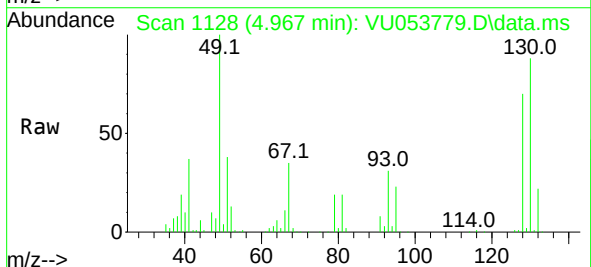
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

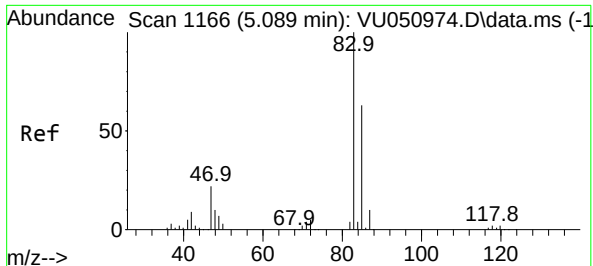
Tgt Ion: 73 Resp: 384429
Ion Ratio Lower Upper
73 100
43 15.8 15.0 22.6



#26
Bromochloromethane
Concen: 19.622 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 128 Resp: 78585
Ion Ratio Lower Upper
128 100
49 141.2 0.0 324.6
130 126.4 103.0 154.4





#27

Chloroform

Concen: 19.058 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

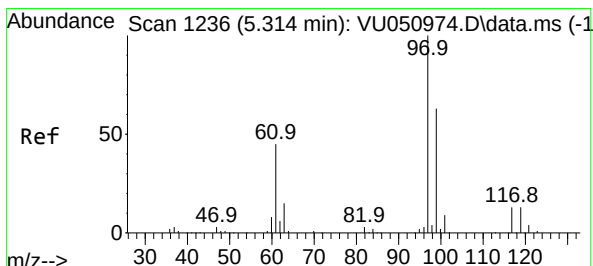
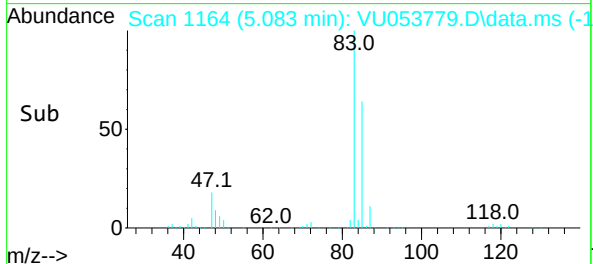
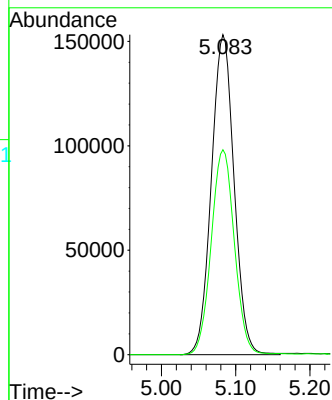
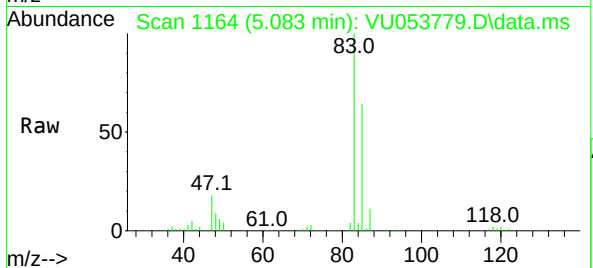
VSTDIC015

Tgt Ion: 83 Resp: 325514

Ion Ratio Lower Upper

83 100

85 64.1 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 18.735 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

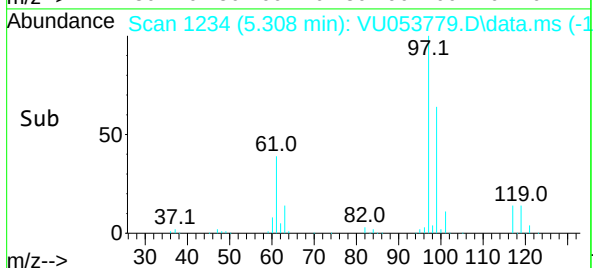
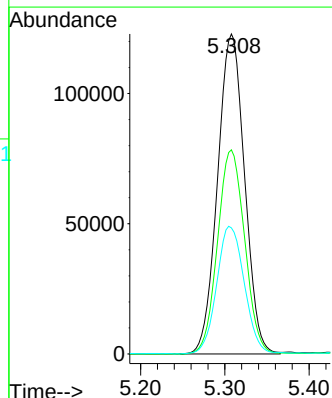
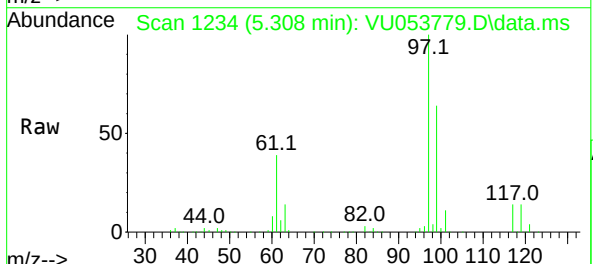
Tgt Ion: 97 Resp: 273877

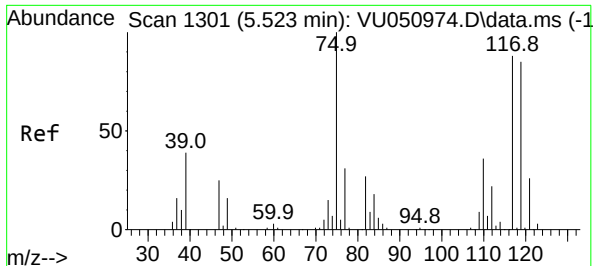
Ion Ratio Lower Upper

97 100

99 64.1 32.0 96.2

61 40.9 22.9 68.5





#29

1,1-Dichloropropene

Concen: 14.657 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

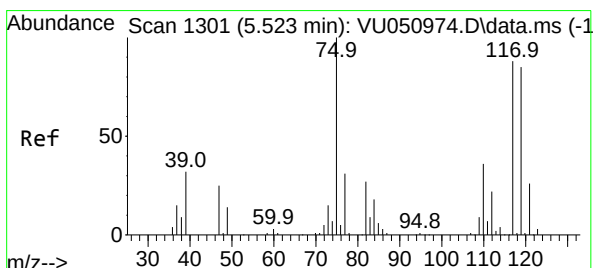
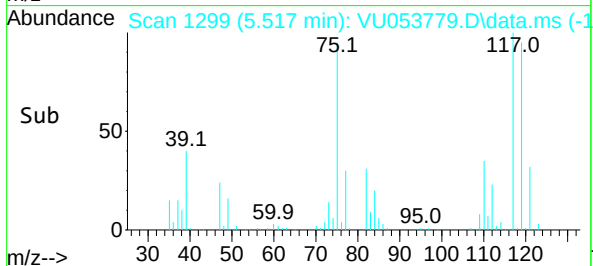
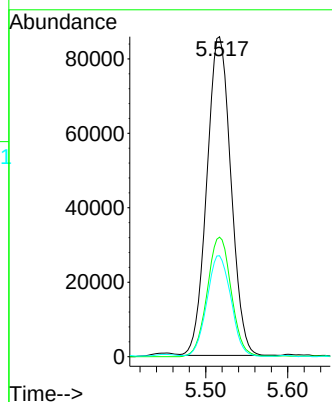
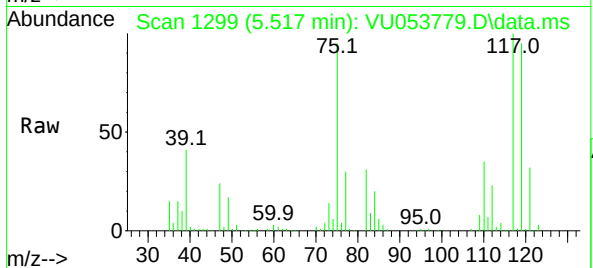
Tgt Ion: 75 Resp: 174836

Ion Ratio Lower Upper

75 100

110 37.5 18.0 54.0

77 31.3 24.7 37.1



#30

Carbon Tetrachloride

Concen: 17.884 ug/l

RT: 5.514 min Scan# 1298

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

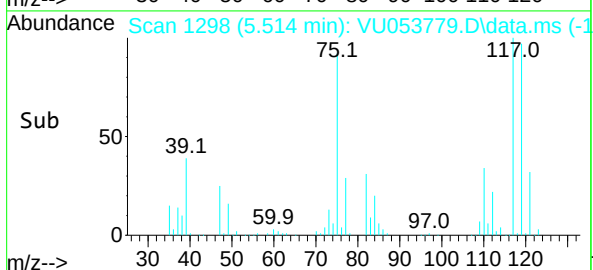
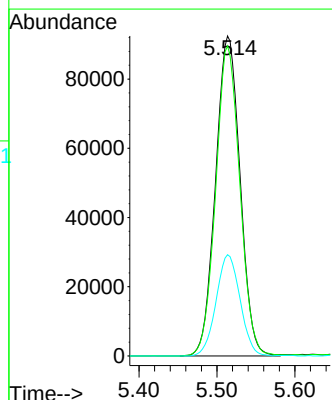
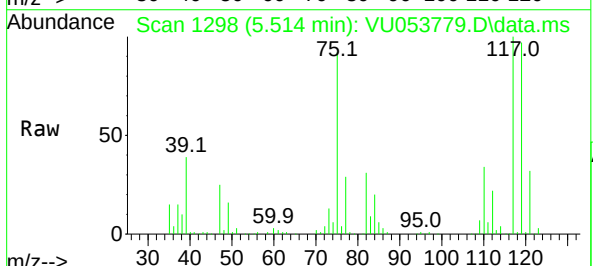
Tgt Ion: 117 Resp: 202320

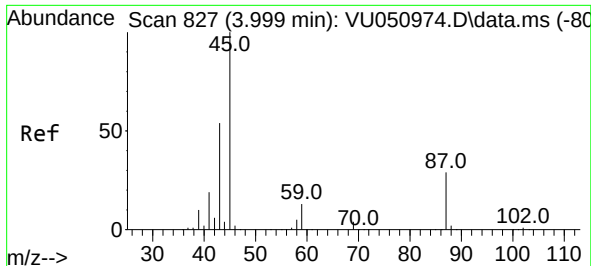
Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

121 31.6 24.0 36.0

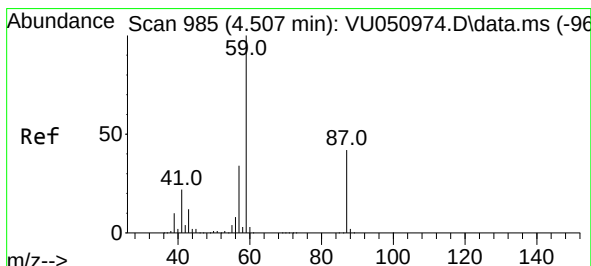
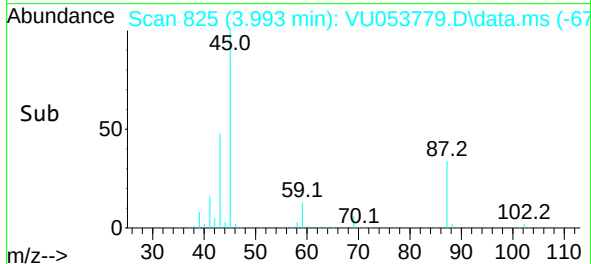
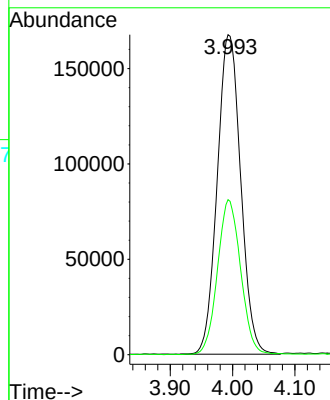
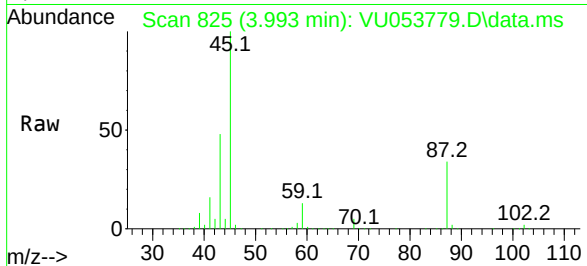




#31
Isopropyl Ether
Concen: 19.336 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

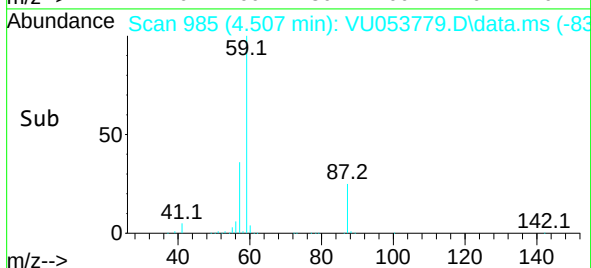
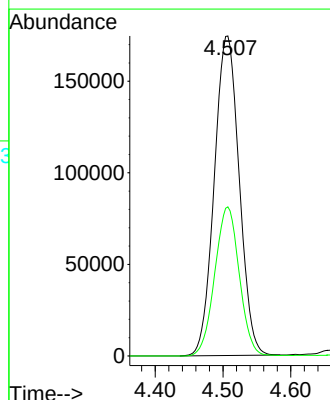
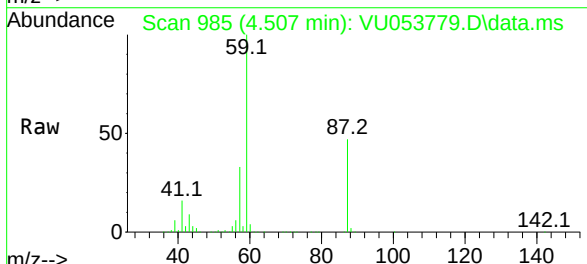
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

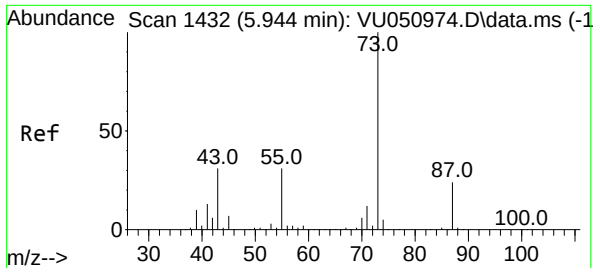
Tgt Ion: 45 Resp: 436850
Ion Ratio Lower Upper
45 100
43 47.8 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 19.175 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 59 Resp: 445066
Ion Ratio Lower Upper
59 100
87 45.7 33.5 50.3

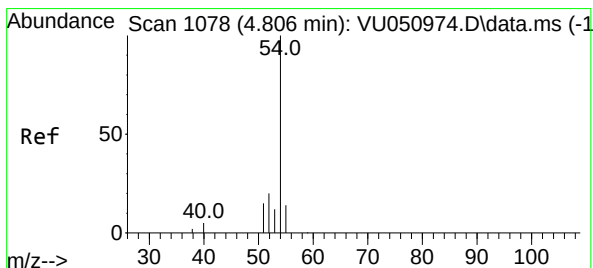
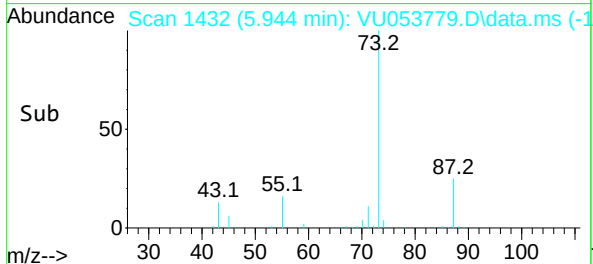
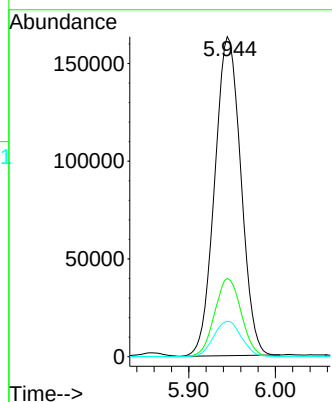
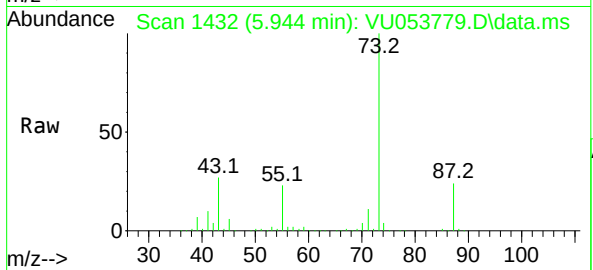




#33
Tert-Amyl methyl ether
Concen: 17.215 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

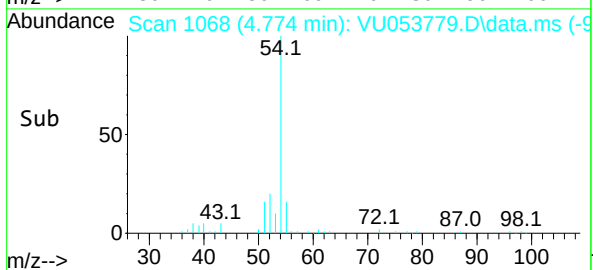
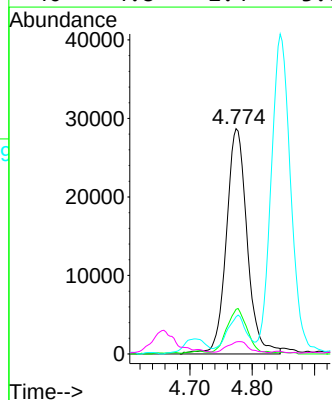
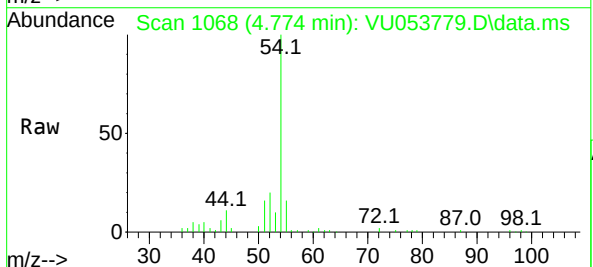
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

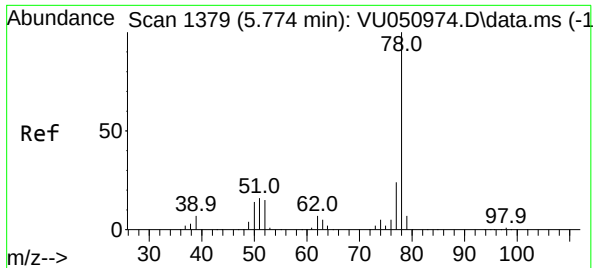
Tgt Ion: 73 Resp: 342773
Ion Ratio Lower Upper
73 100
87 24.9 18.6 28.0
71 11.8 9.9 14.9



#34
Propionitrile
Concen: 116.282 ug/l
RT: 4.774 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 54 Resp: 66580
Ion Ratio Lower Upper
54 100
52 18.2 17.4 26.0
55 15.7 104.1 156.1#
40 4.8 2.4 3.6#





#35

Benzene

Concen: 15.427 ug/l

RT: 5.768 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

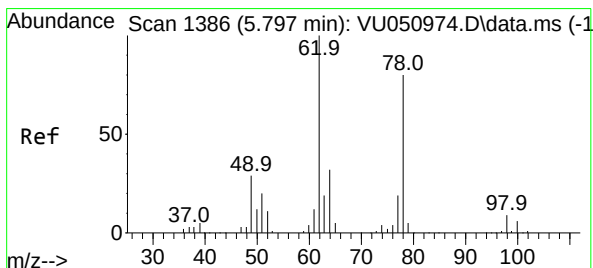
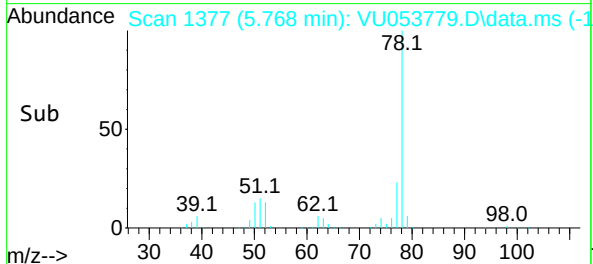
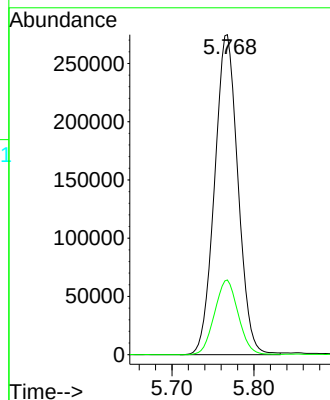
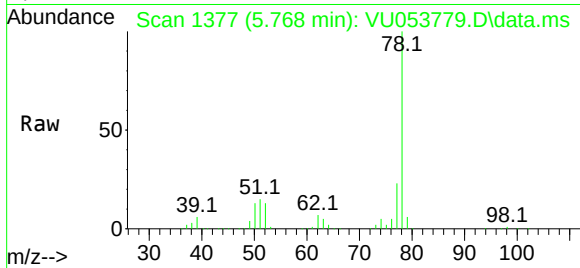
VSTDIC015

Tgt Ion: 78 Resp: 545032

Ion Ratio Lower Upper

78 100

77 23.4 18.9 28.3



#36

1,2-Dichloroethane

Concen: 15.928 ug/l

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU053779.D

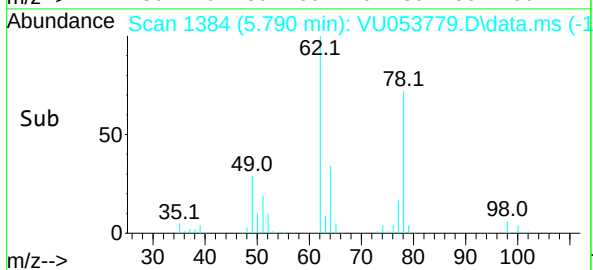
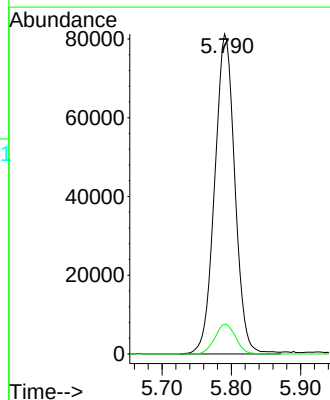
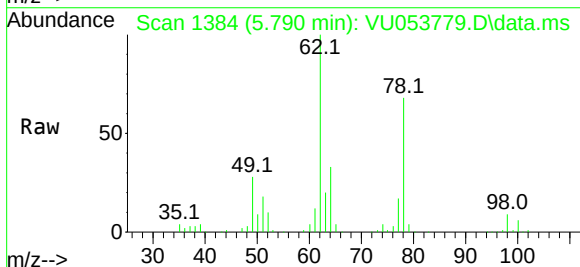
Acq: 19 Apr 2023 12:59

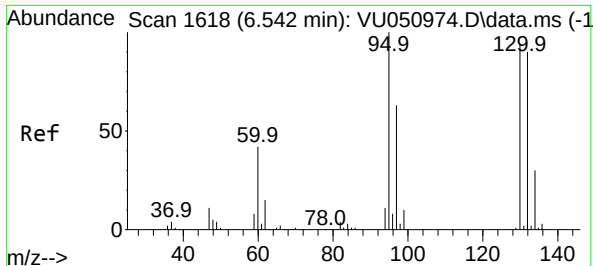
Tgt Ion: 62 Resp: 164464

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9





#37

Trichloroethene

Concen: 17.293 ug/l

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

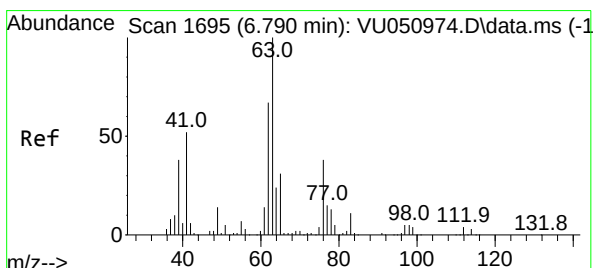
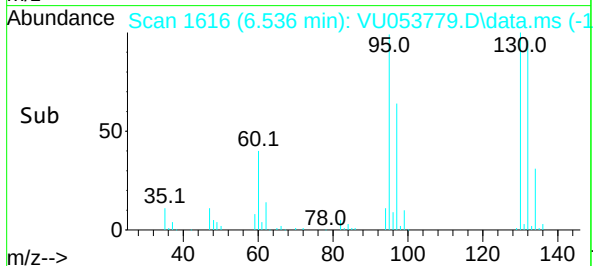
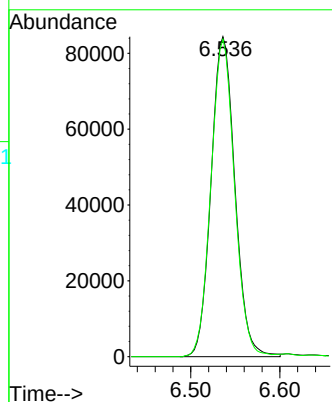
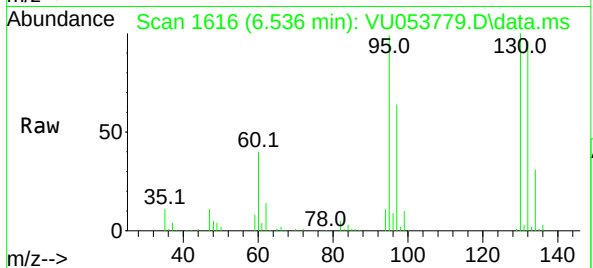
VSTDIC015

Tgt Ion:130 Resp: 156686

Ion Ratio Lower Upper

130 100

95 99.2 85.0 127.6



#38

1,2-Dichloropropane

Concen: 17.040 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053779.D

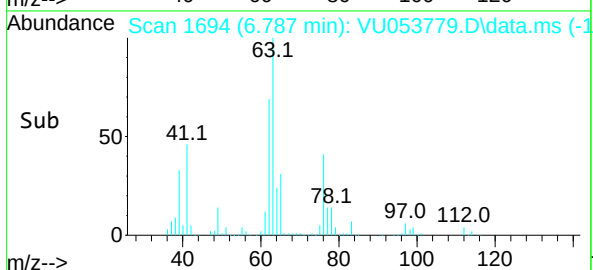
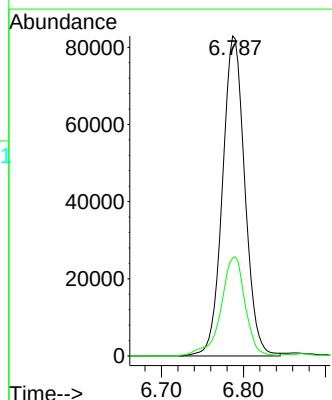
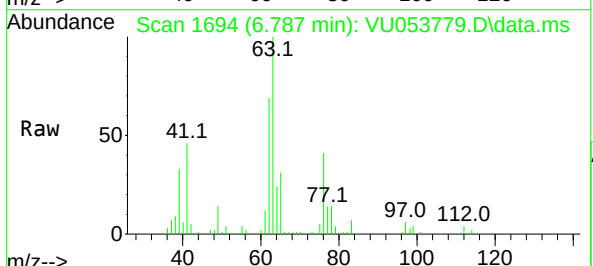
Acq: 19 Apr 2023 12:59

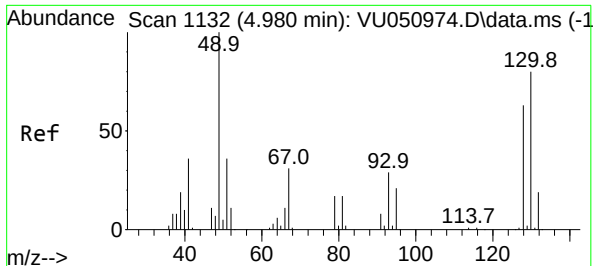
Tgt Ion: 63 Resp: 157117

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3





#39

Methacrylonitrile

Concen: 20.286 ug/l

RT: 4.977 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 48169

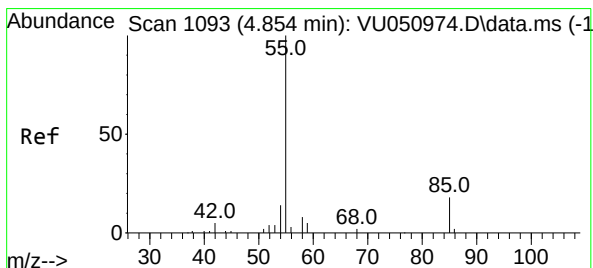
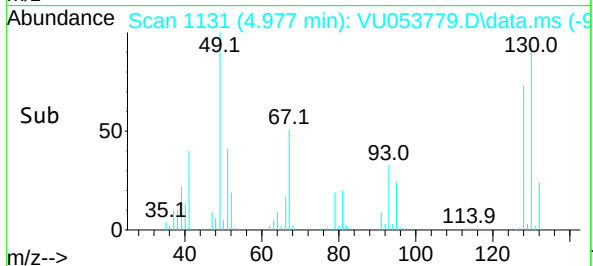
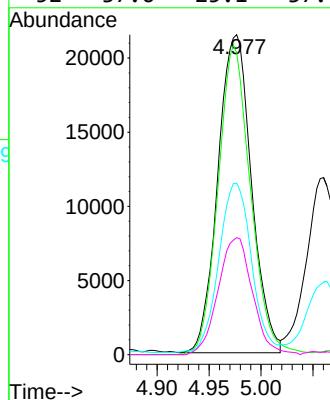
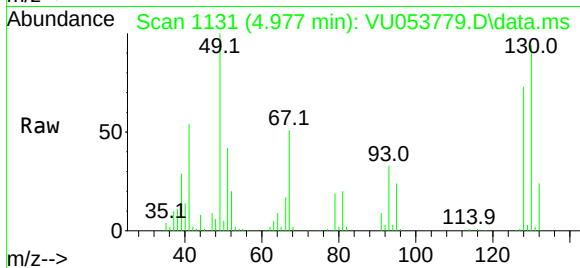
Ion Ratio Lower Upper

41 100

67 94.4 66.8 100.2

39 51.5 41.2 61.8

52 37.6 25.1 37.7



#40

Methyl acrylate

Concen: 20.172 ug/l

RT: 4.845 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Tgt Ion: 55 Resp: 87425

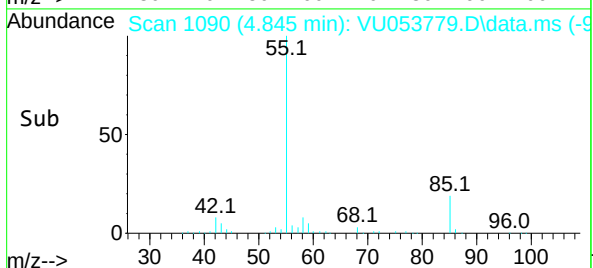
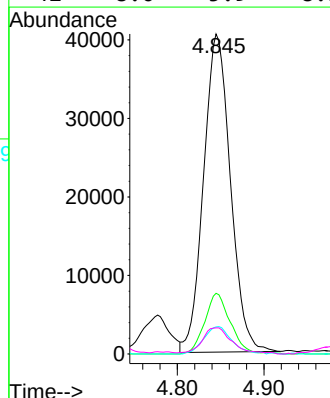
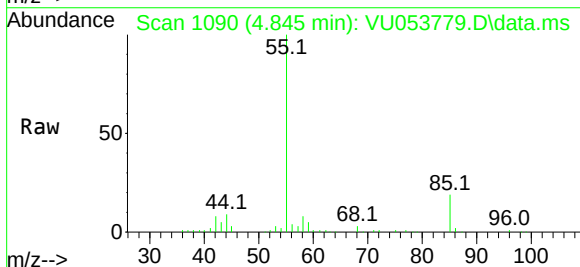
Ion Ratio Lower Upper

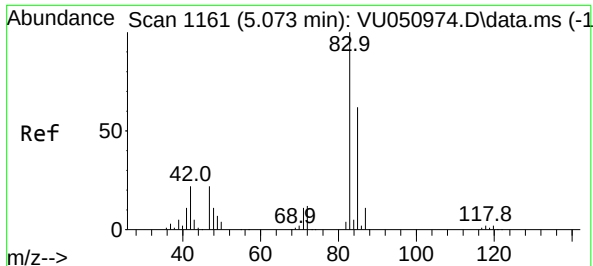
55 100

85 18.1 13.3 19.9

58 8.9 6.5 9.7

42 8.0 5.9 8.9





#41

Tetrahydrofuran

Concen: 38.963 ug/l

RT: 5.060 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

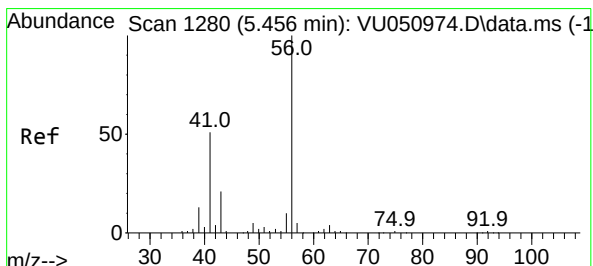
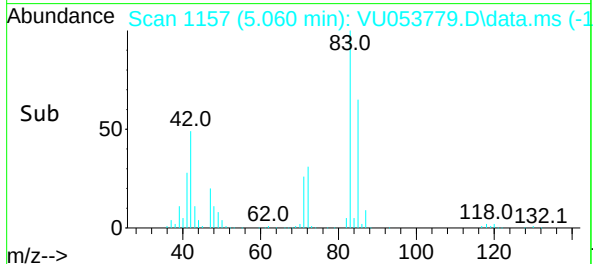
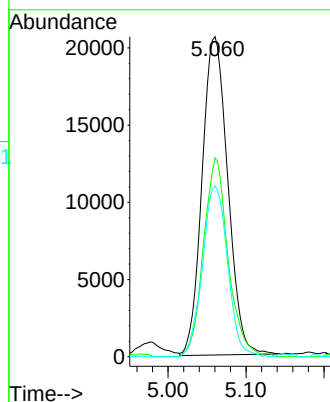
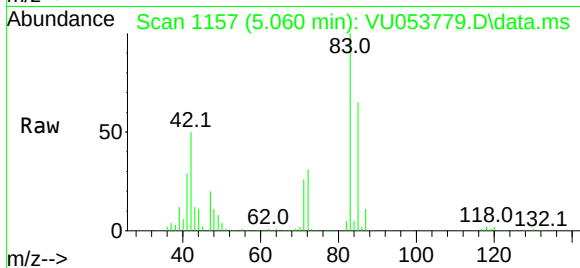
Tgt Ion: 42 Resp: 47255

Ion Ratio Lower Upper

42 100

72 59.7 40.9 61.3

71 52.4 36.9 55.3



#42

1-Chlorobutane

Concen: 14.909 ug/l

RT: 5.449 min Scan# 1278

Delta R.T. -0.000 min

Lab File: VU053779.D

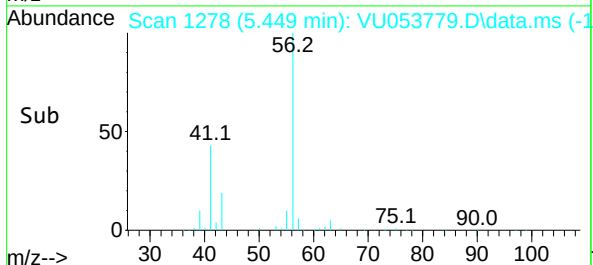
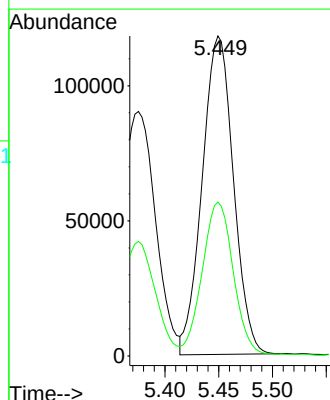
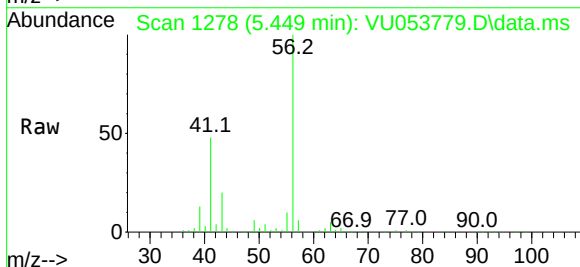
Acq: 19 Apr 2023 12:59

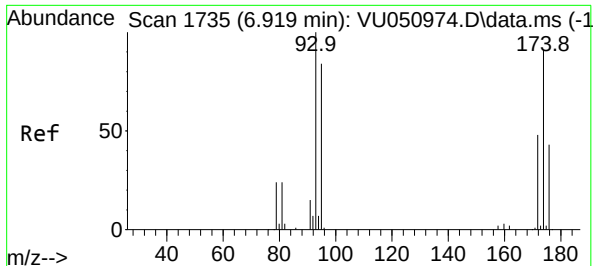
Tgt Ion: 56 Resp: 238106

Ion Ratio Lower Upper

56 100

41 47.6 25.2 75.6





#43

Dibromomethane

Concen: 17.980 ug/l

RT: 6.915 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

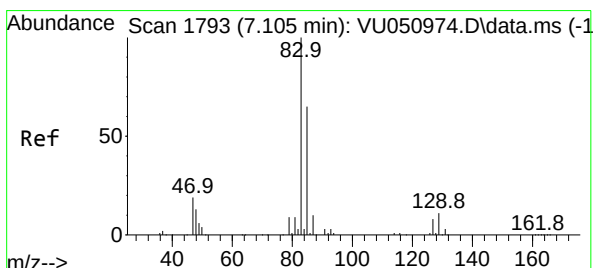
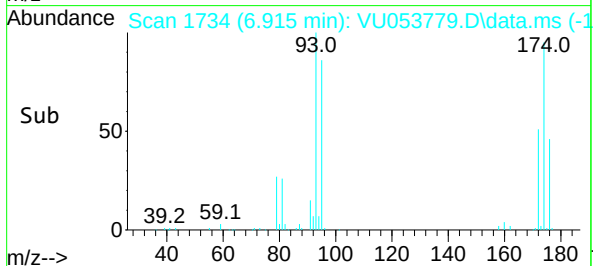
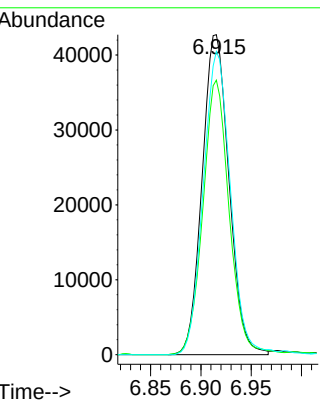
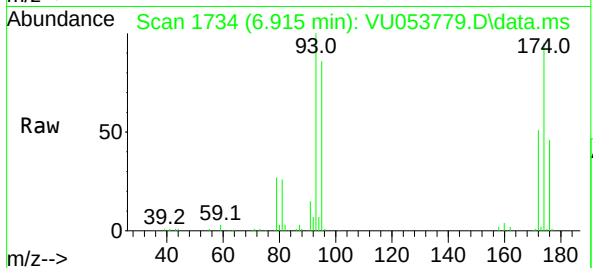
Tgt Ion: 93 Resp: 79472

Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.6

174 95.7 73.8 110.6



#44

Bromodichloromethane

Concen: 18.678 ug/l

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

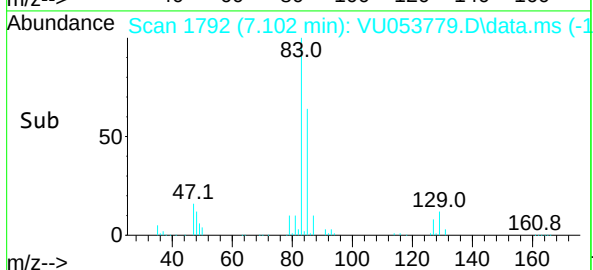
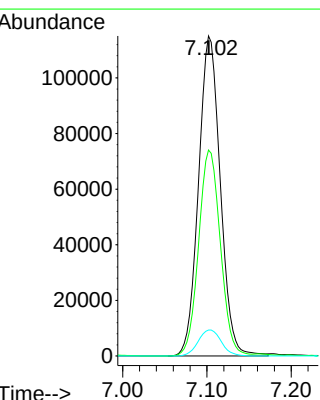
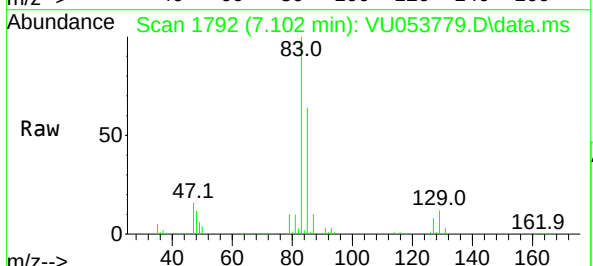
Tgt Ion: 83 Resp: 206803

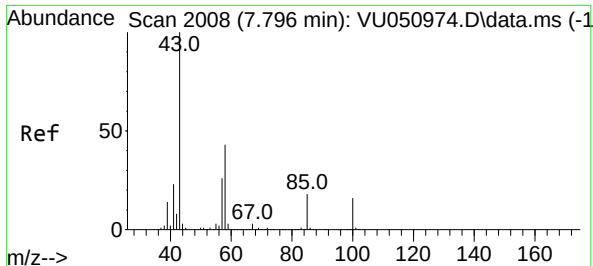
Ion Ratio Lower Upper

83 100

85 64.3 51.9 77.9

127 8.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 90.817 ug/l

RT: 7.793 min Scan# 20

Delta R.T. -0.003 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

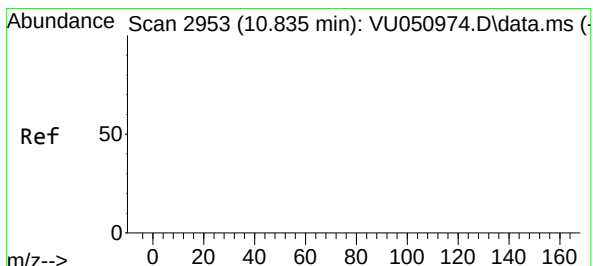
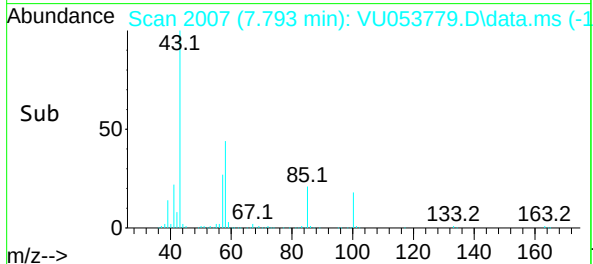
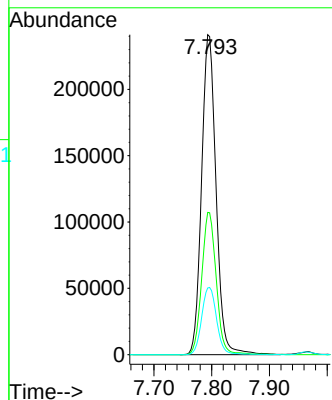
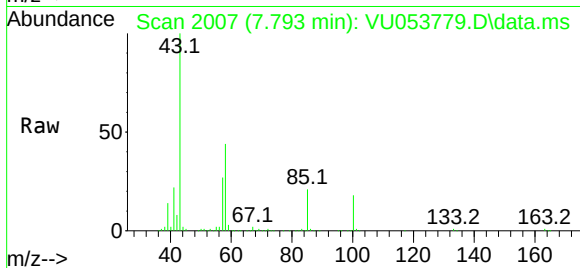
Tgt Ion: 43 Resp: 419571

Ion Ratio Lower Upper

43 100

58 44.6 20.9 62.8

85 21.8 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 82.573 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Tgt Ion: 75 Resp: 206231

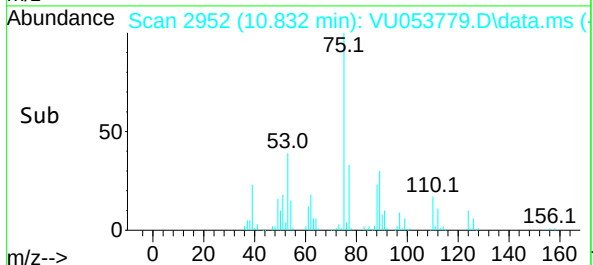
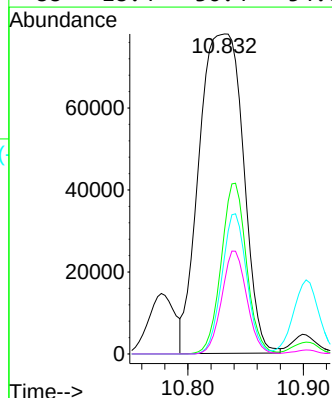
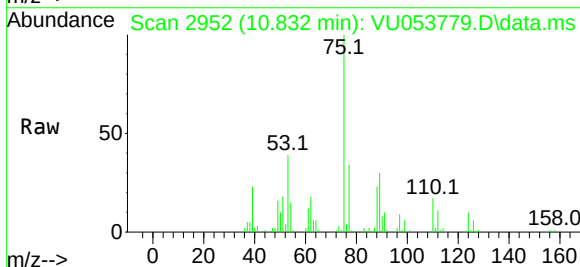
Ion Ratio Lower Upper

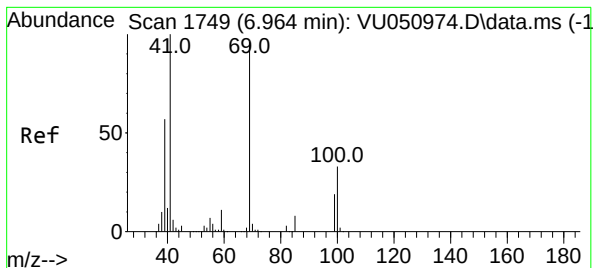
75 100

53 30.9 73.3 109.9#

89 25.0 48.2 72.4#

88 18.4 36.4 54.6#





#47

Methyl methacrylate

Concen: 36.424 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 148298

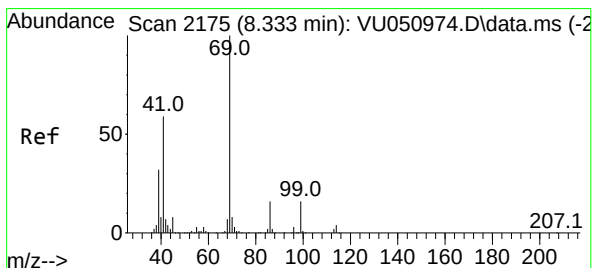
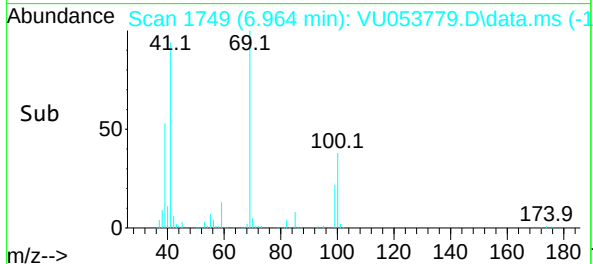
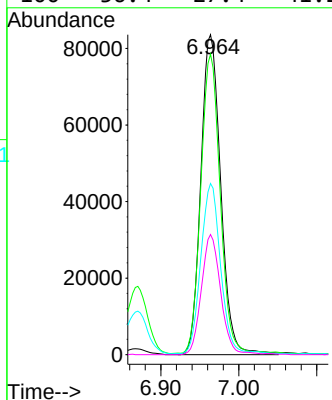
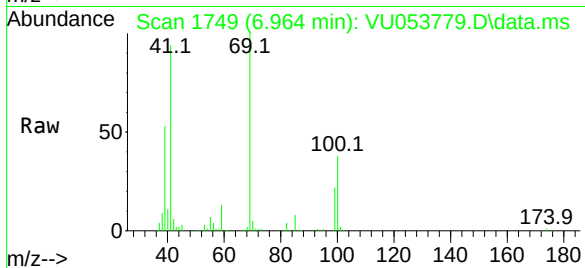
Ion Ratio Lower Upper

69 100

41 90.5 0.0 209.2

39 52.8 46.7 70.1

100 36.4 27.4 41.2



#48

Ethyl methacrylate

Concen: 18.985 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU053779.D

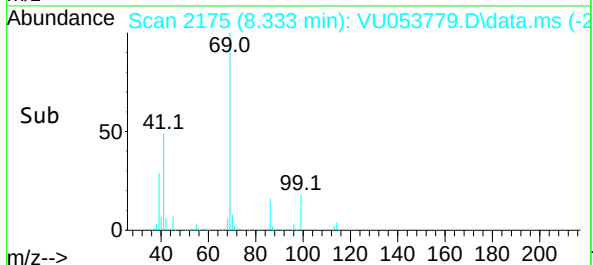
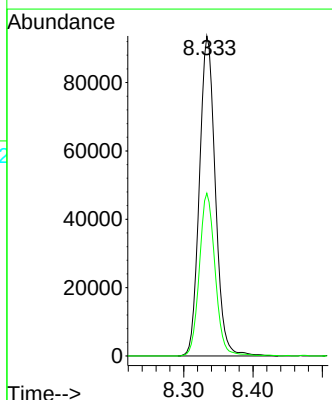
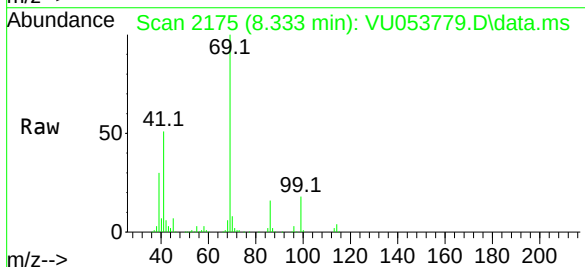
Acq: 19 Apr 2023 12:59

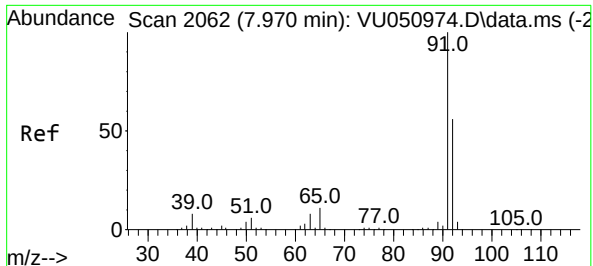
Tgt Ion: 69 Resp: 149362

Ion Ratio Lower Upper

69 100

41 50.2 30.3 90.8





#49

Toluene

Concen: 16.687 ug/l

RT: 7.964 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

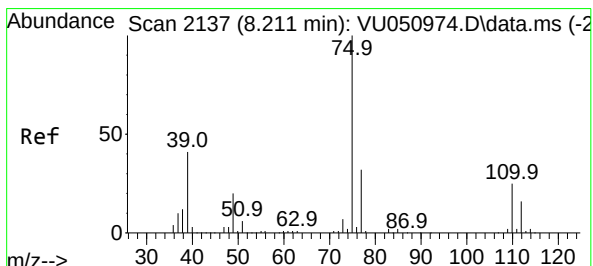
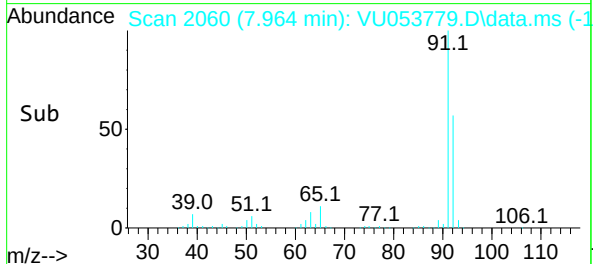
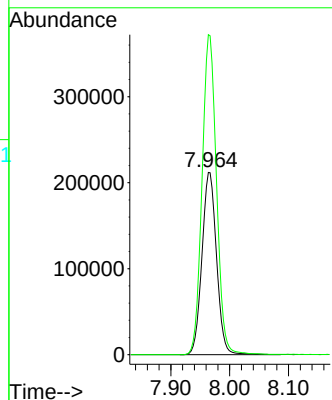
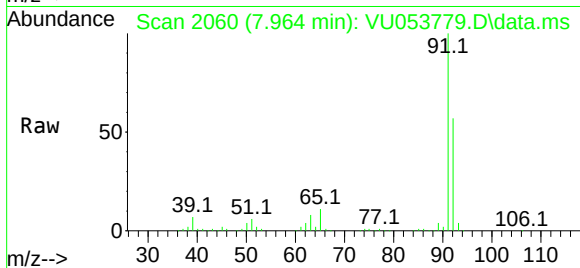
VSTDIC015

Tgt Ion: 92 Resp: 363797

Ion Ratio Lower Upper

92 100

91 174.4 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 19.103 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053779.D

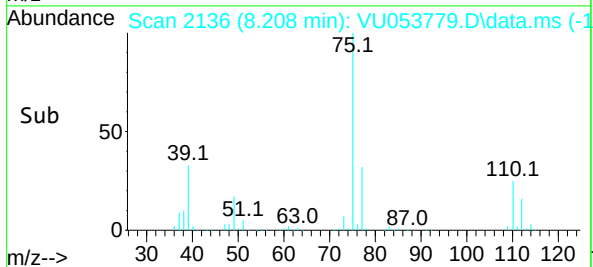
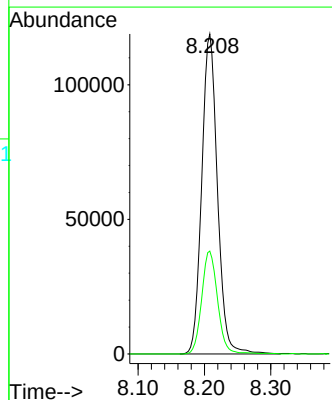
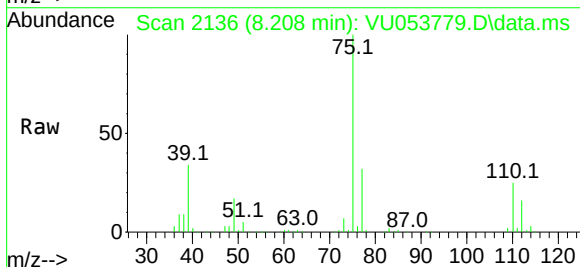
Acq: 19 Apr 2023 12:59

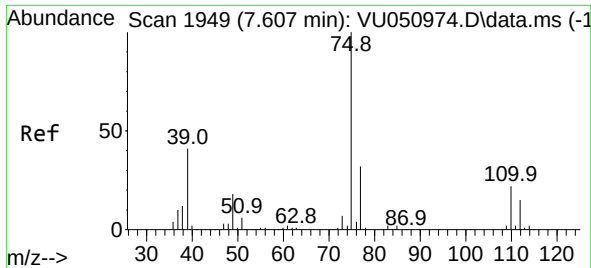
Tgt Ion: 75 Resp: 195246

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

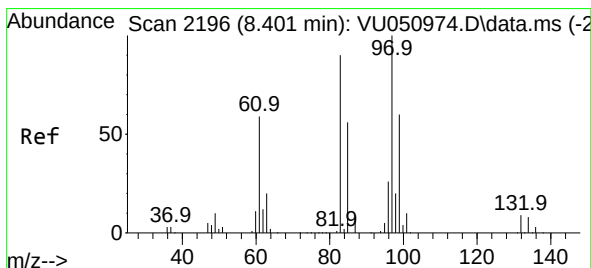
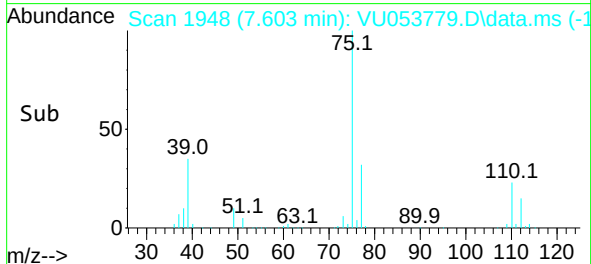
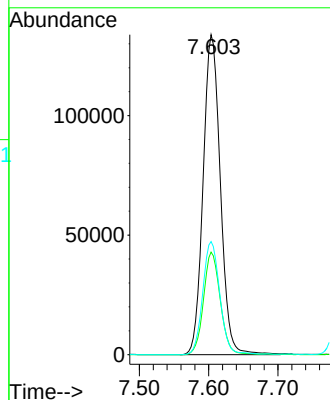
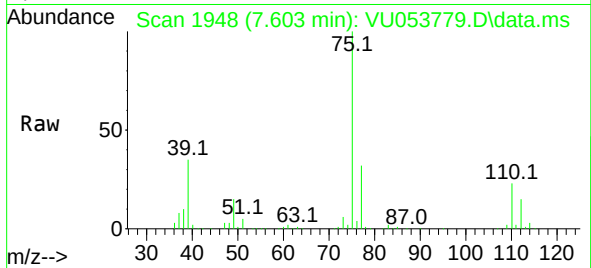




#51
 cis-1,3-Dichloropropene
 Concen: 18.384 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

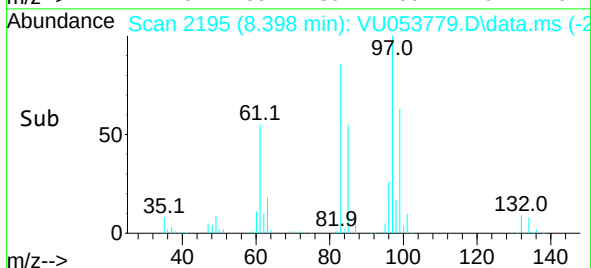
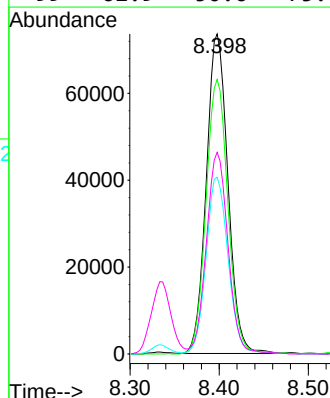
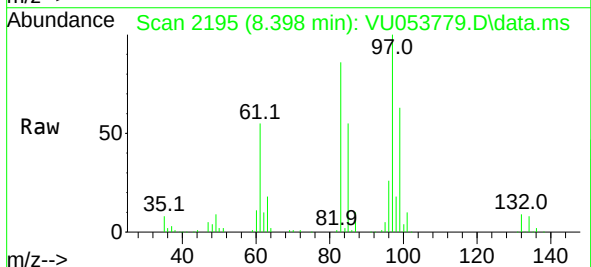
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

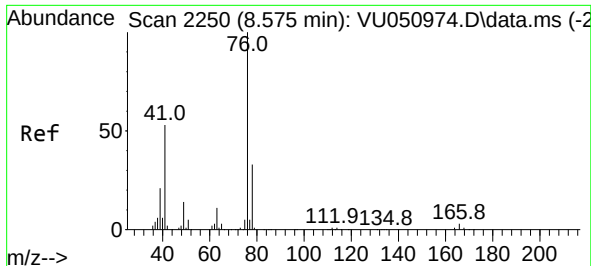
Tgt Ion: 75 Resp: 231035
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 35.3 32.8 49.2



#52
 1,1,2-Trichloroethane
 Concen: 18.919 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

Tgt Ion: 97 Resp: 123891
 Ion Ratio Lower Upper
 97 100
 83 85.9 71.8 107.8
 85 55.2 45.2 67.8
 99 62.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 18.310 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

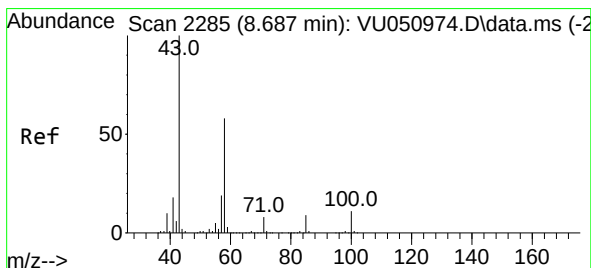
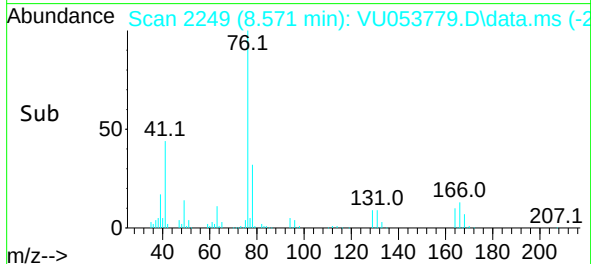
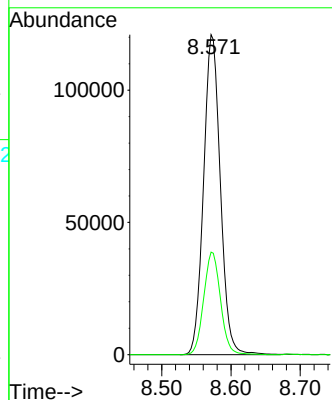
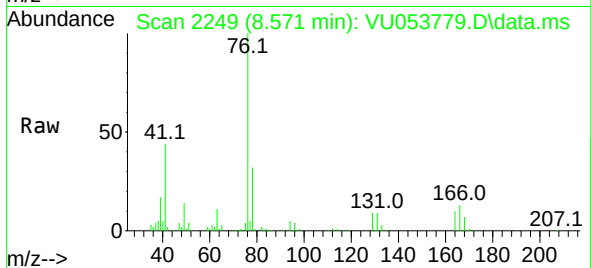
VSTDIC015

Tgt Ion: 76 Resp: 203039

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#54

2-Hexanone

Concen: 84.423 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

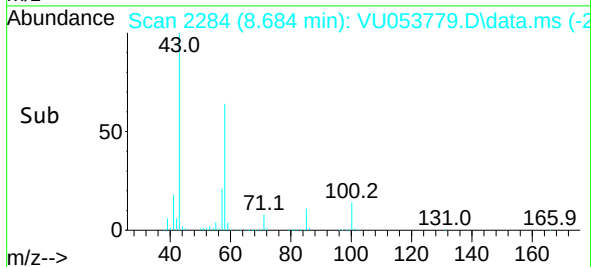
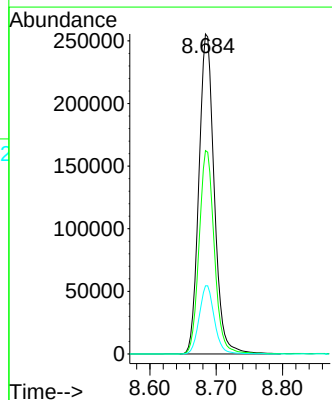
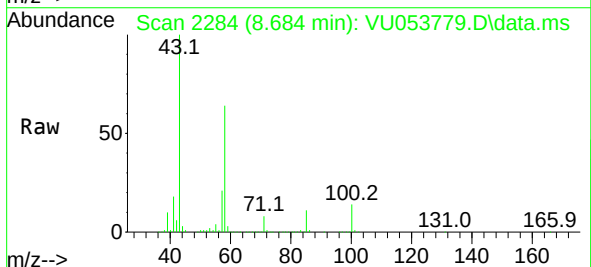
Tgt Ion: 43 Resp: 410855

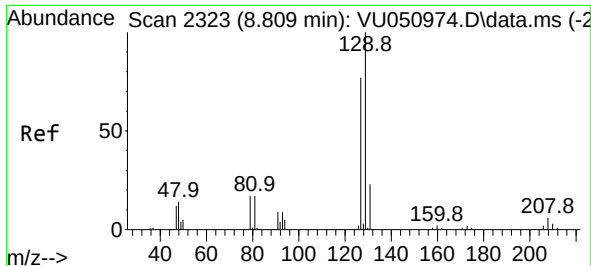
Ion Ratio Lower Upper

43 100

58 63.0 38.2 78.2

57 21.1 0.0 39.1

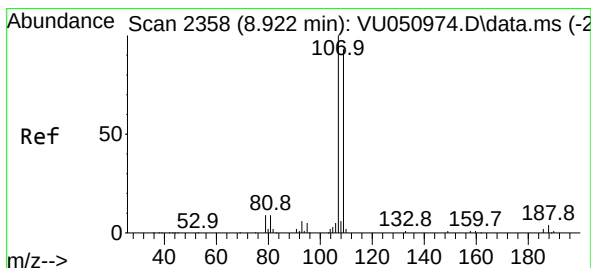
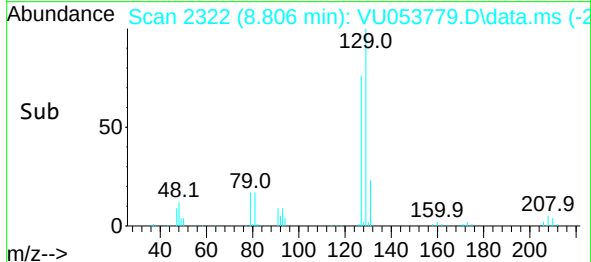
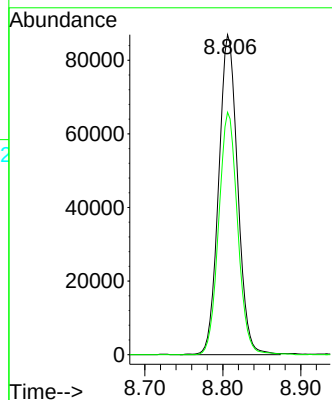
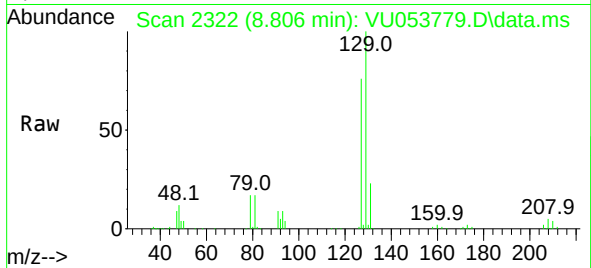




#55
Dibromochloromethane
Concen: 21.943 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

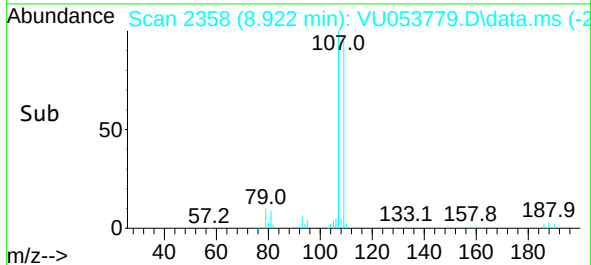
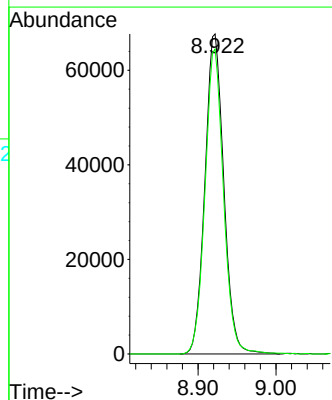
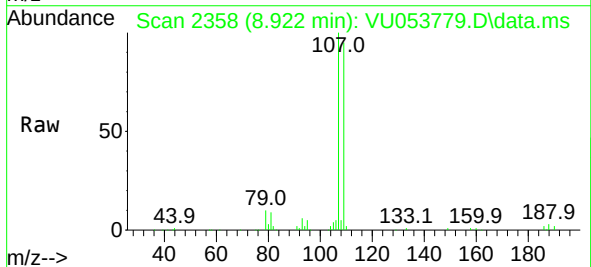
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

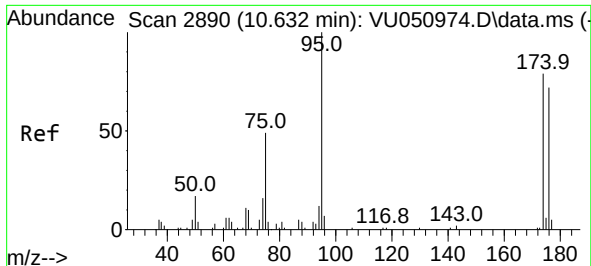
Tgt Ion:129 Resp: 147254
Ion Ratio Lower Upper
129 100
127 75.5 61.4 92.0



#56
1,2-Dibromoethane
Concen: 18.958 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:107 Resp: 113588
Ion Ratio Lower Upper
107 100
109 93.6 0.0 184.4

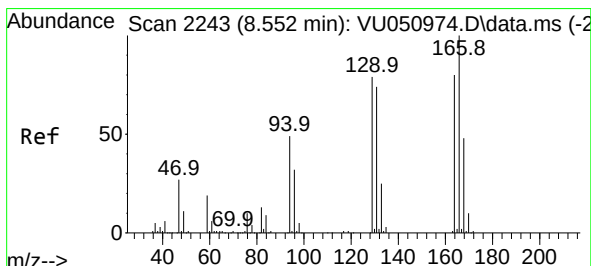
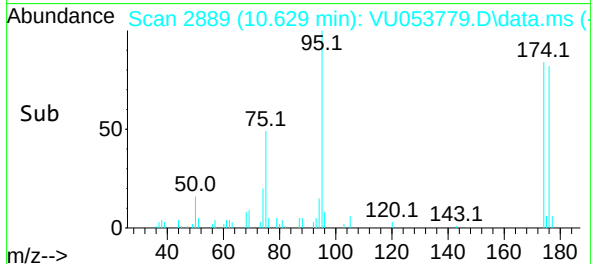
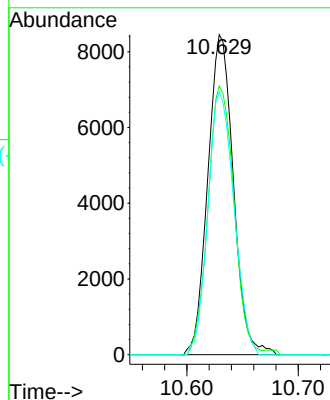
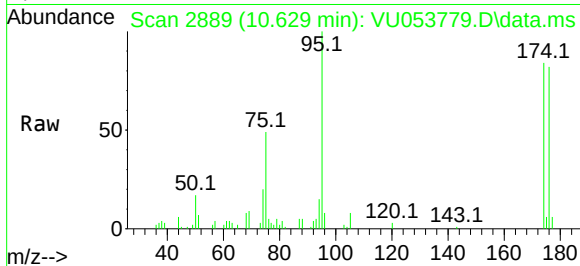




#57
 4-Bromofluorobenzene
 Concen: 1.164 ug/l
 RT: 10.629 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

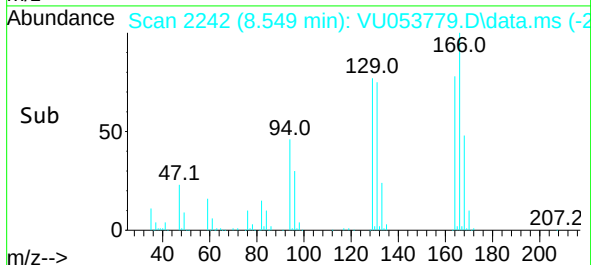
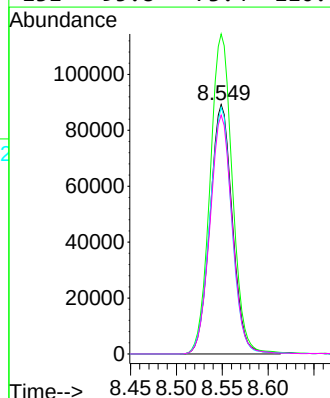
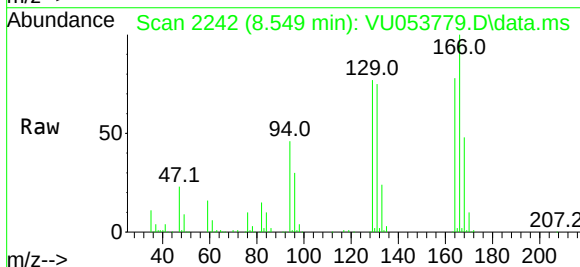
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

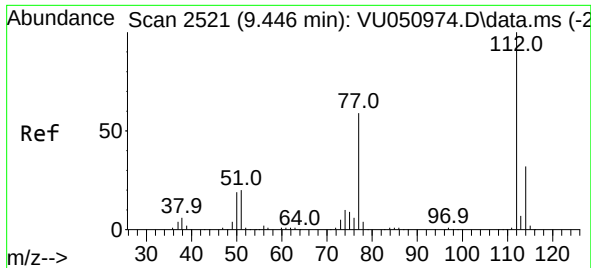
Tgt Ion: 95 Resp: 13463
 Ion Ratio Lower Upper
 95 100
 174 85.5 63.3 94.9
 176 83.6 59.3 88.9



#58
 Tetrachloroethene
 Concen: 17.766 ug/l
 RT: 8.549 min Scan# 2242
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

Tgt Ion: 164 Resp: 150940
 Ion Ratio Lower Upper
 164 100
 166 128.3 99.6 149.4
 129 98.9 78.6 117.8
 131 95.8 73.4 110.0

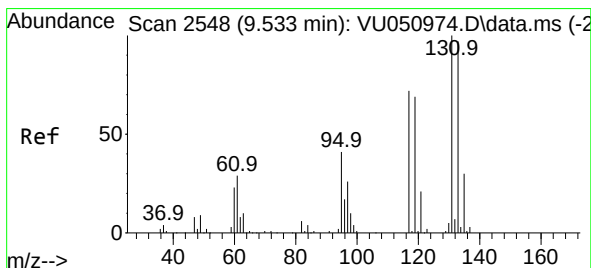
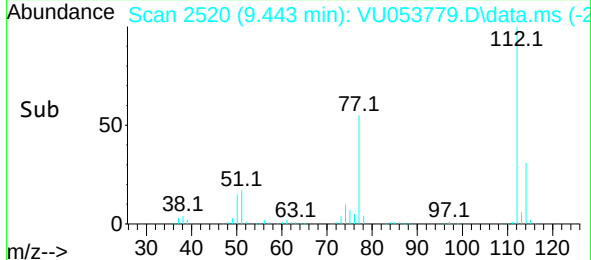
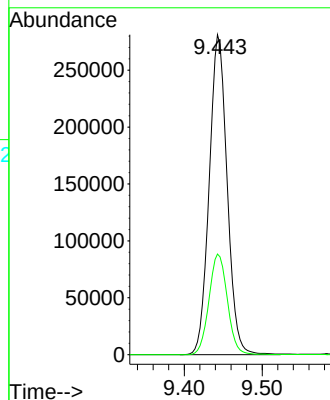
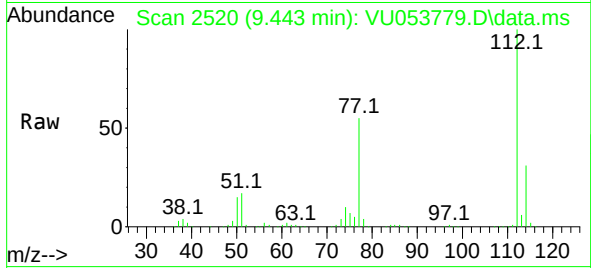




#59
Chlorobenzene
Concen: 18.340 ug/l
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

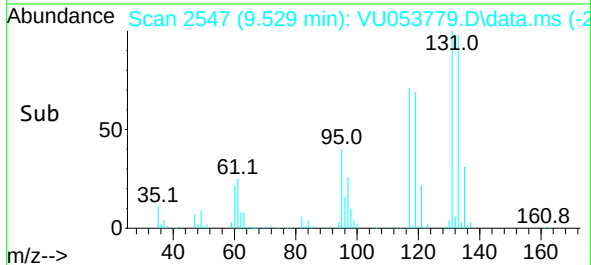
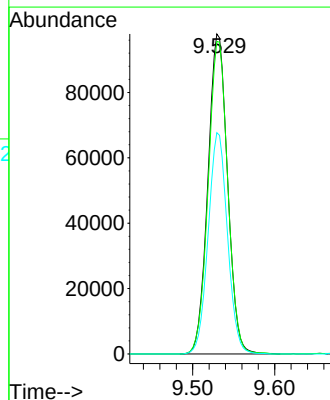
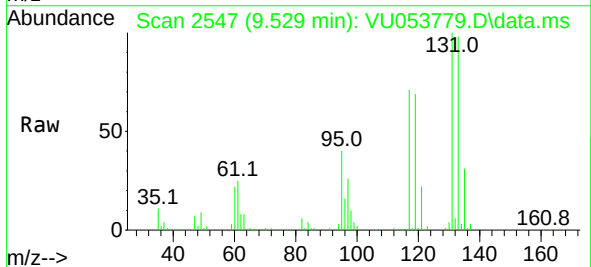
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

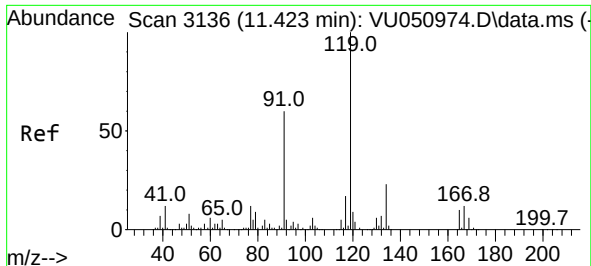
Tgt Ion:112 Resp: 449989
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 21.180 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:131 Resp: 162930
Ion Ratio Lower Upper
131 100
133 97.5 77.8 116.6
119 68.0 55.2 82.8

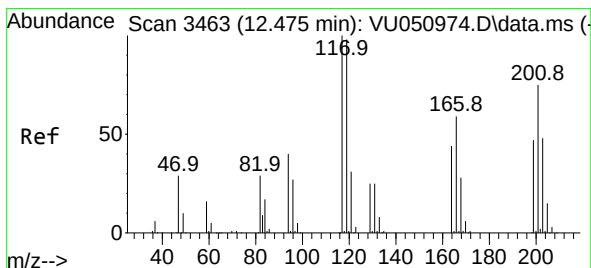
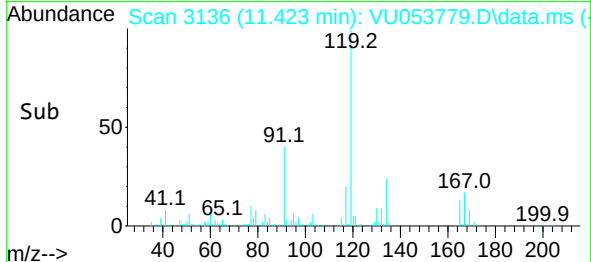
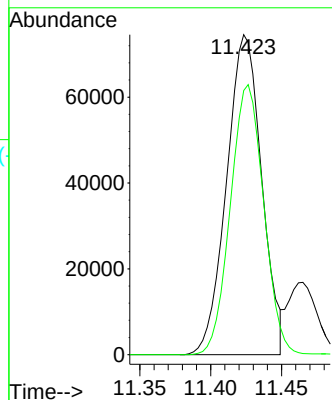
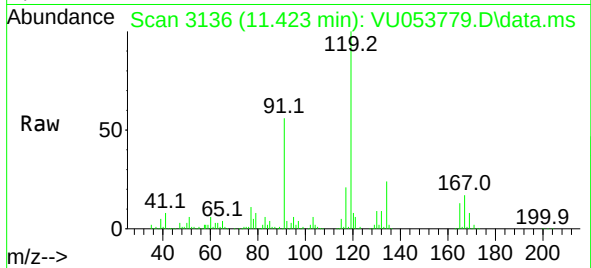




#61
Pentachloroethane
Concen: 23.056 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

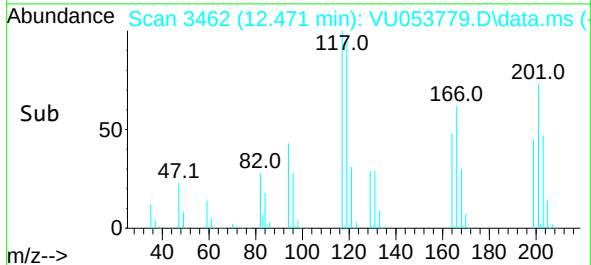
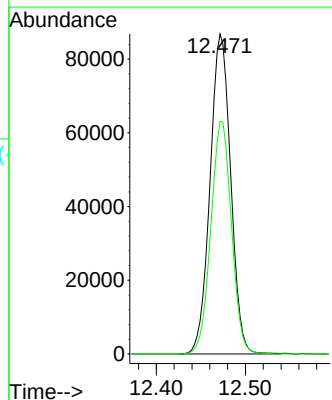
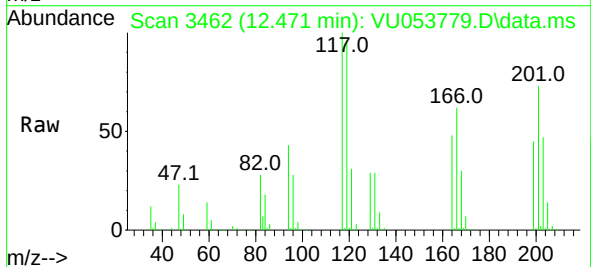
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

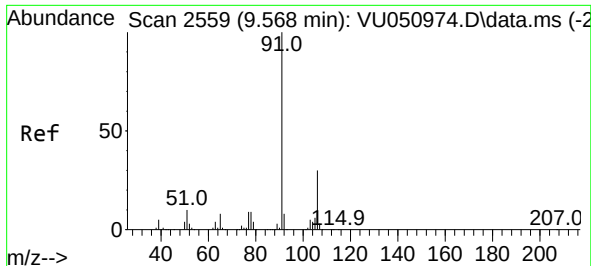
Tgt Ion:117 Resp: 128601
Ion Ratio Lower Upper
117 100
167 80.3 56.7 85.1



#62
Hexachloroethane
Concen: 22.878 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:117 Resp: 139531
Ion Ratio Lower Upper
117 100
201 72.7 59.6 89.4

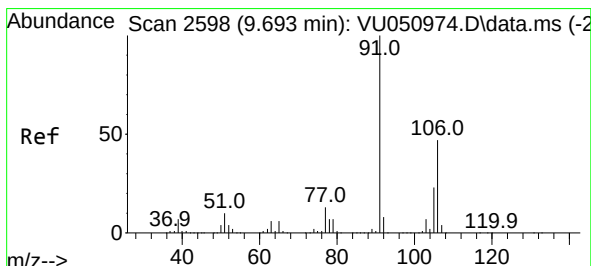
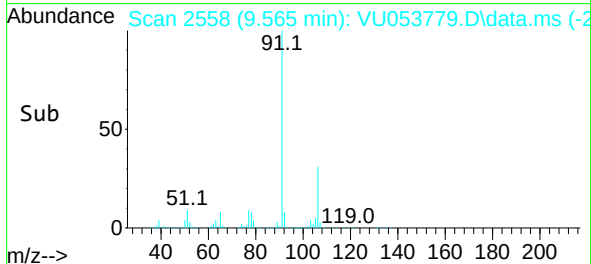
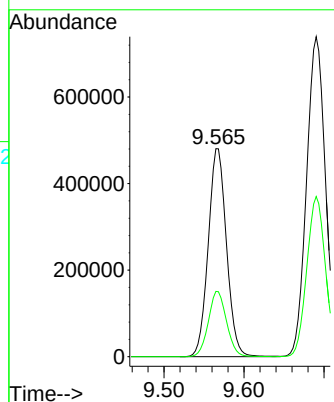
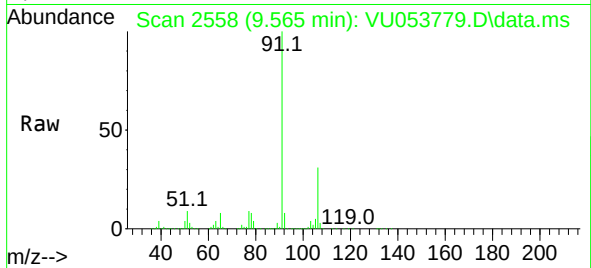




#63
Ethyl Benzene
Concen: 18.027 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

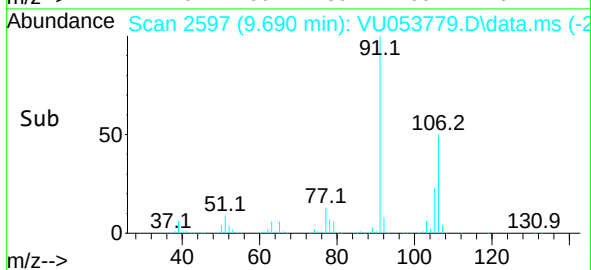
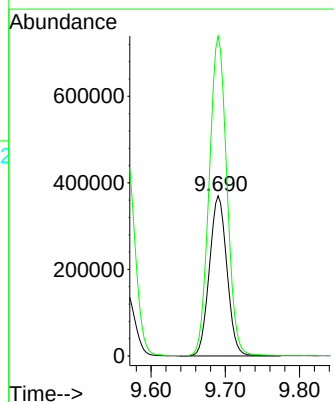
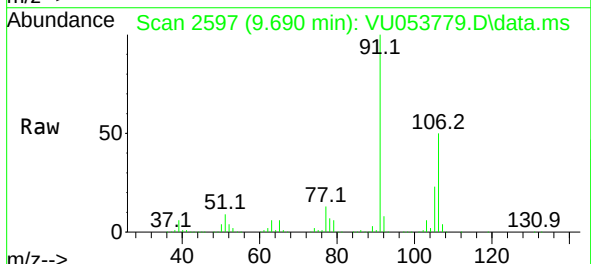
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

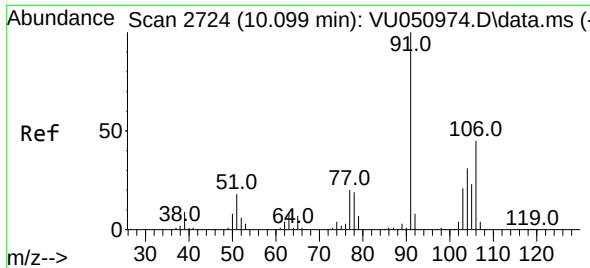
Tgt Ion: 91 Resp: 764267
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.2



#64
m/p-Xylenes
Concen: 37.039 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:106 Resp: 603766
Ion Ratio Lower Upper
106 100
91 201.7 167.3 250.9

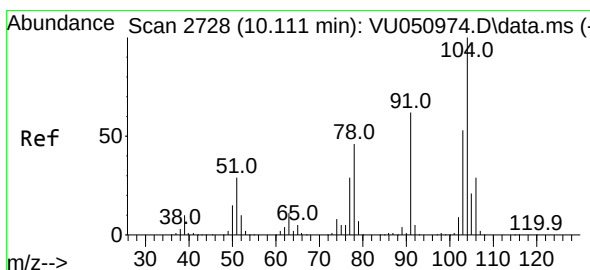
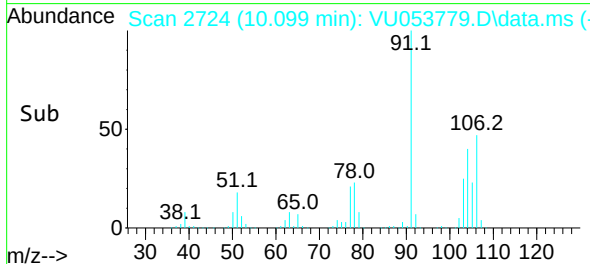
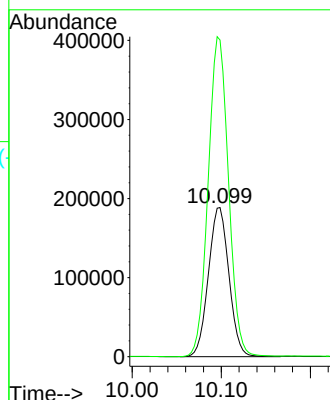
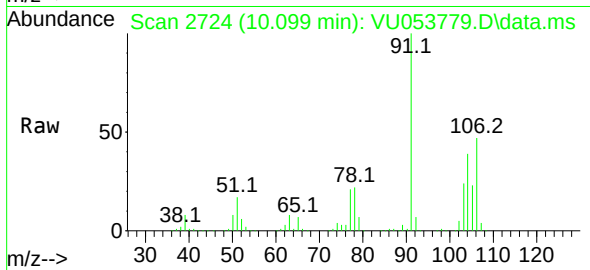




#65
o-Xylene
Concen: 18.831 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

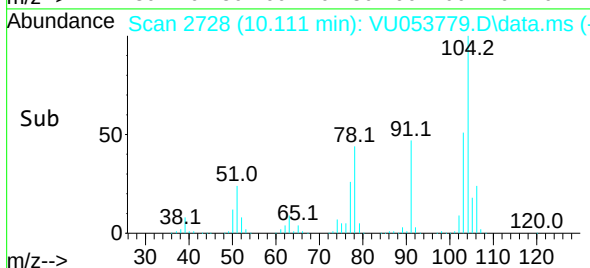
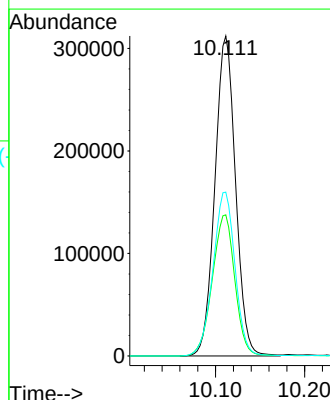
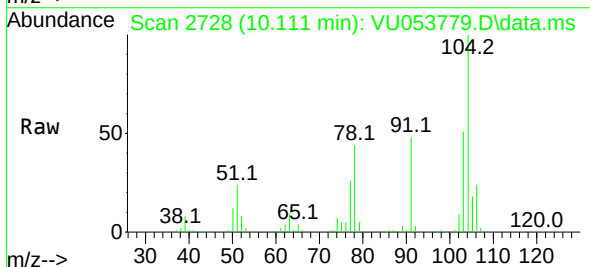
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

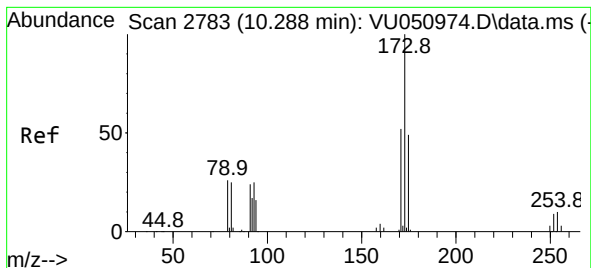
Tgt Ion:106 Resp: 302259
Ion Ratio Lower Upper
106 100
91 212.4 109.3 327.9



#66
Styrene
Concen: 20.256 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:104 Resp: 502456
Ion Ratio Lower Upper
104 100
78 48.1 39.7 59.5
103 54.9 44.8 67.2





#67

Bromoform

Concen: 24.447 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

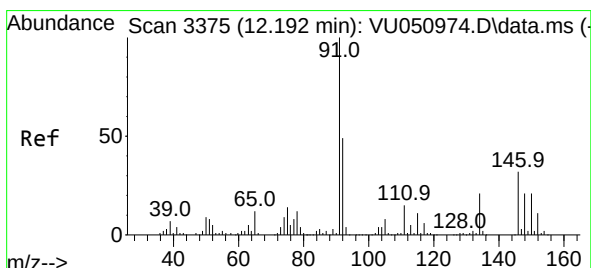
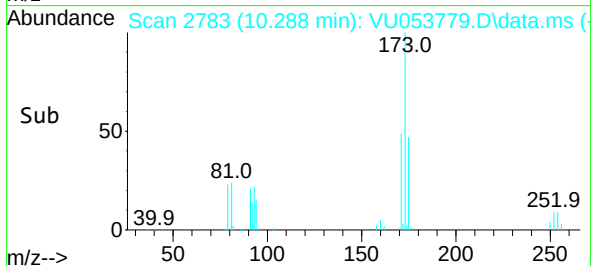
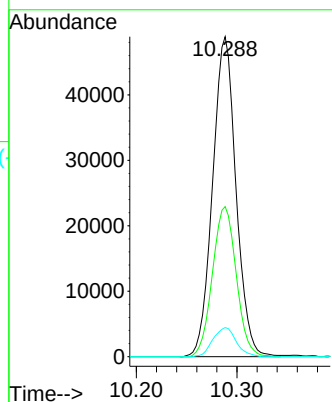
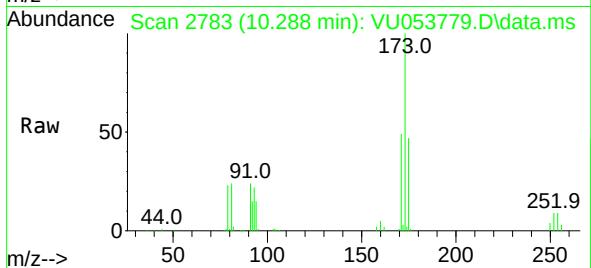
Tgt Ion:173 Resp: 79000

Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.6

254 9.1 7.4 11.0



#68

1,2-Dichlorobenzene-d4

Concen: 1.326 ug/l

RT: 12.188 min Scan# 3374

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

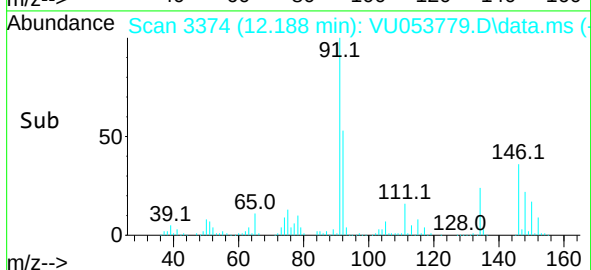
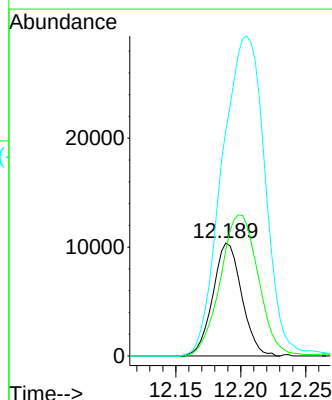
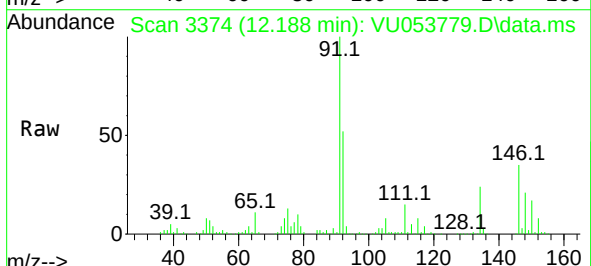
Tgt Ion:152 Resp: 15991

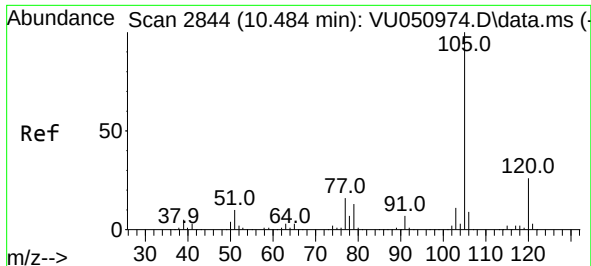
Ion Ratio Lower Upper

152 100

115 164.8 0.0 308.8

150 425.2 0.0 635.0

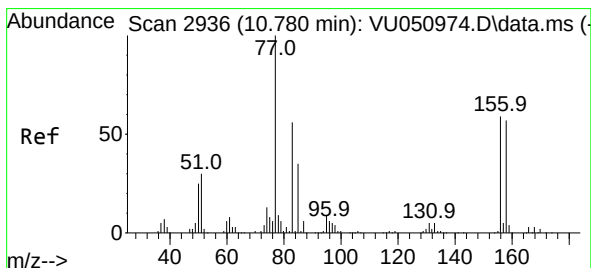
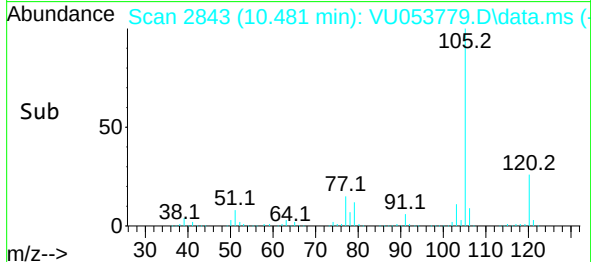
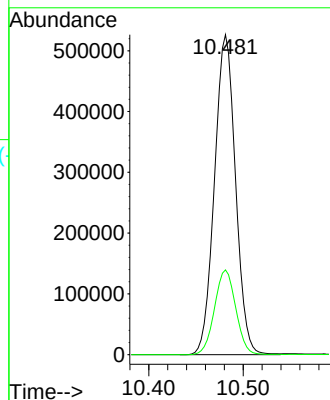
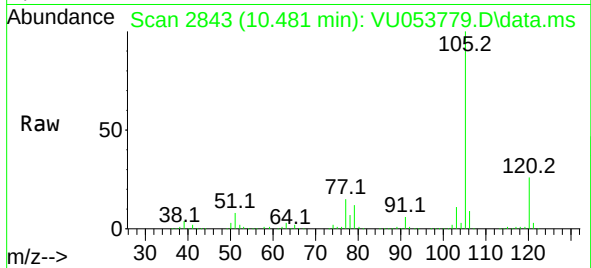




#69
Isopropylbenzene
Concen: 19.352 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

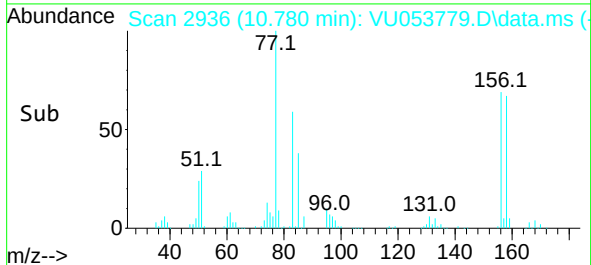
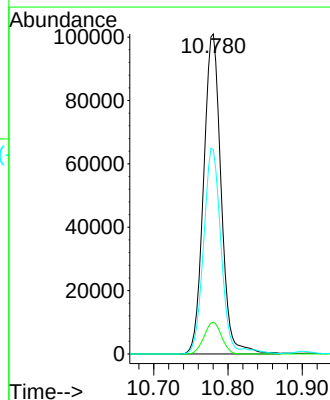
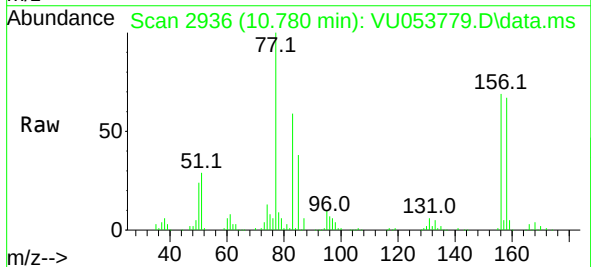
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

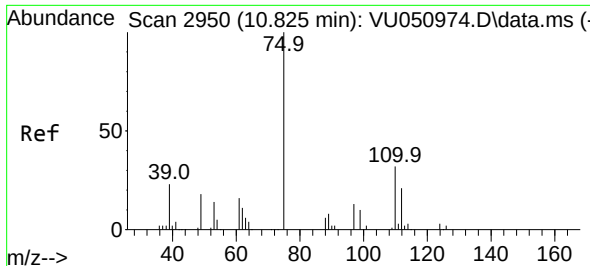
Tgt Ion:105 Resp: 812846
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 20.648 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 83 Resp: 164850
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 63.0 50.5 75.7

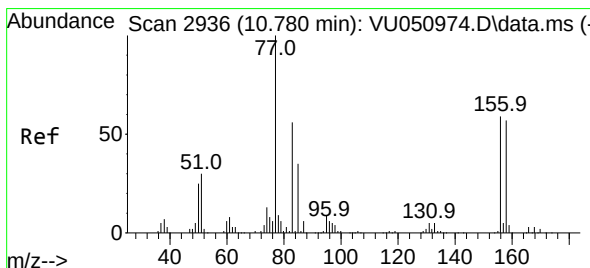
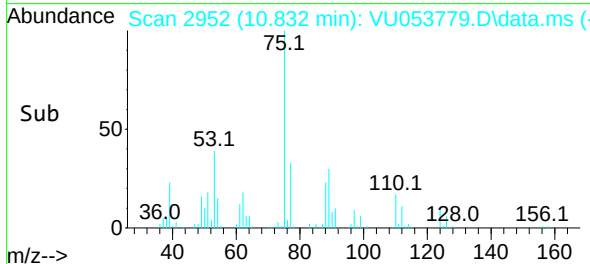
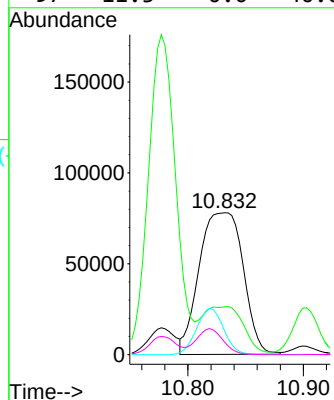
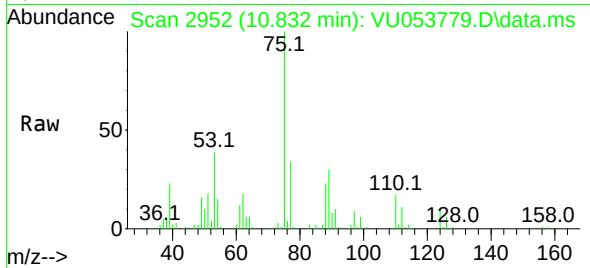




#71
1,2,3-Trichloropropane
Concen: 34.002 ug/l
RT: 10.832 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

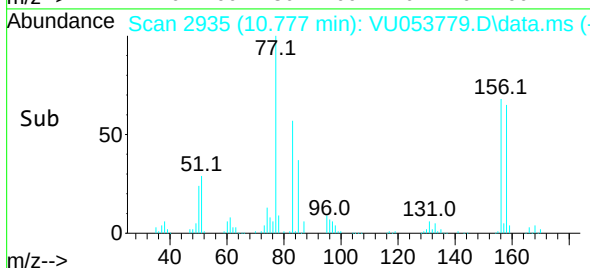
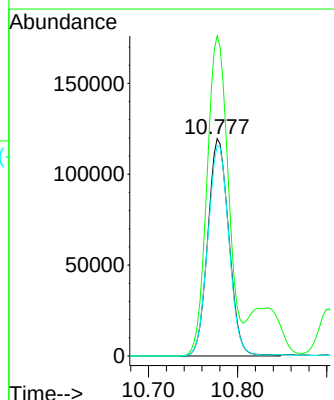
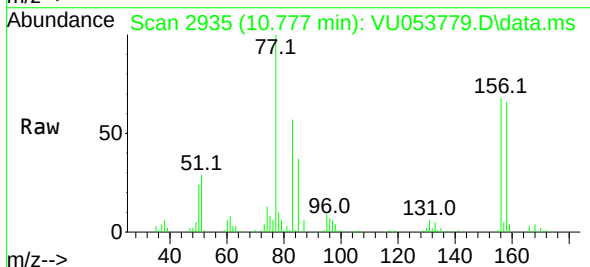
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

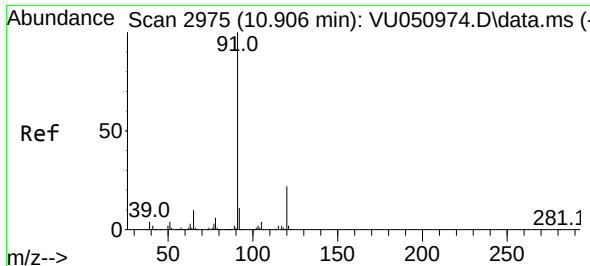
Tgt Ion: 75 Resp: 206231
Ion Ratio Lower Upper
75 100
77 29.7 0.0 116.4
110 20.3 0.0 74.6
97 11.3 0.0 40.0



#72
Bromobenzene
Concen: 21.367 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:156 Resp: 195231
Ion Ratio Lower Upper
156 100
77 149.2 0.0 343.0
158 97.2 0.0 194.8

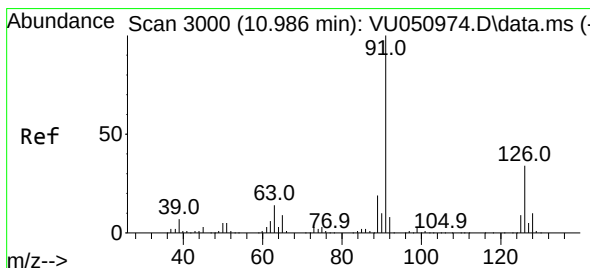
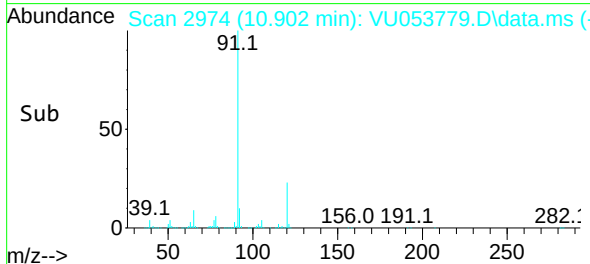
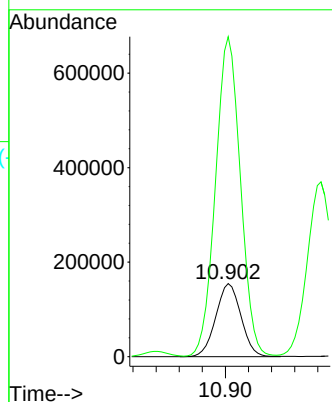
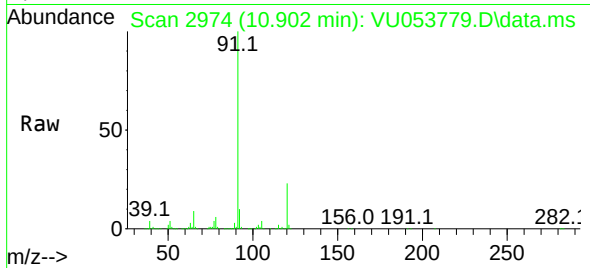




#73
n-propylbenzene
Concen: 20.775 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

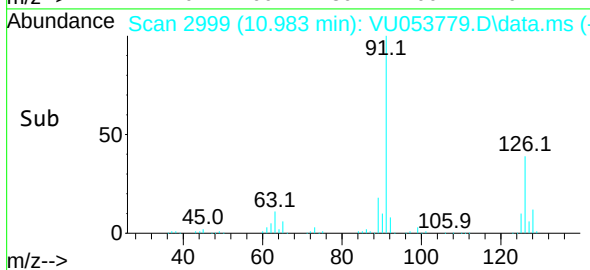
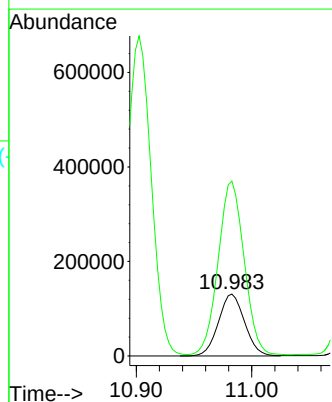
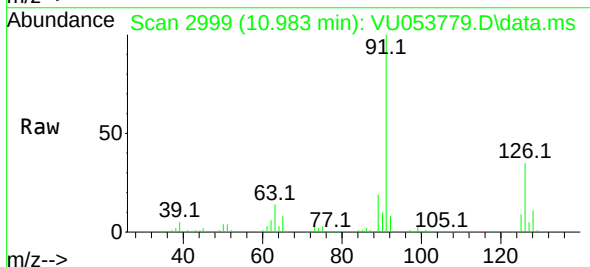
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

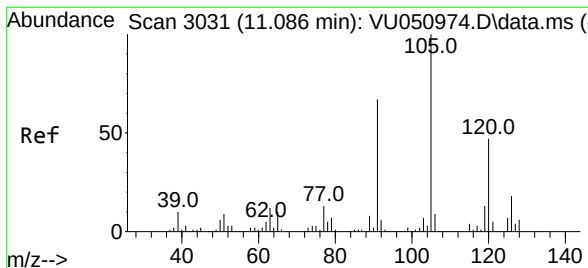
Tgt Ion:120 Resp: 233944
Ion Ratio Lower Upper
120 100
91 431.9 369.8 554.6



#74
2-Chlorotoluene
Concen: 20.998 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:126 Resp: 206276
Ion Ratio Lower Upper
126 100
91 277.8 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 20.305 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

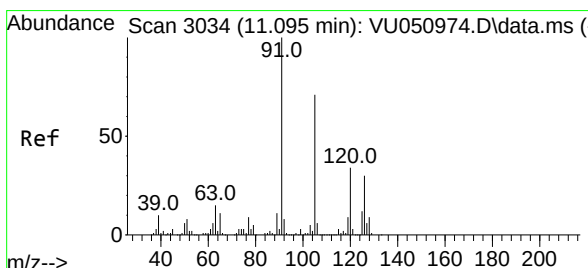
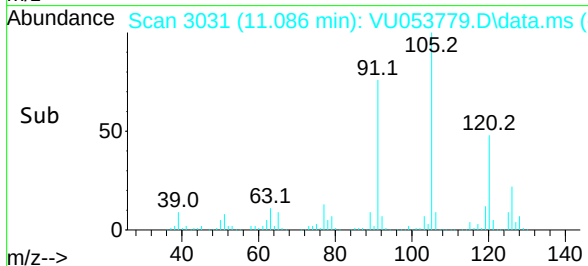
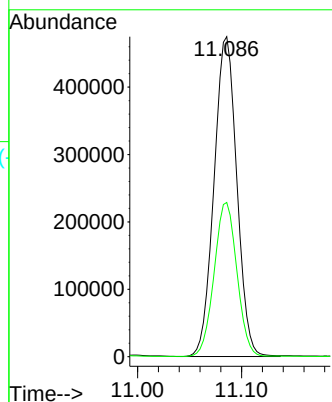
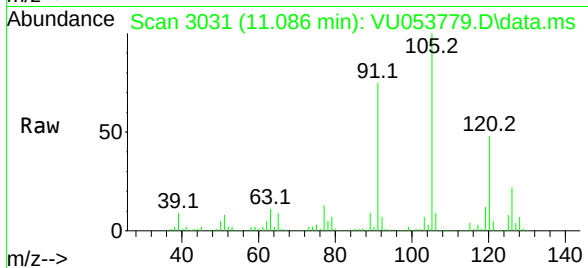
VSTDIC015

Tgt Ion:105 Resp: 723283

Ion Ratio Lower Upper

105 100

120 48.2 37.8 56.8



#76

4-Chlorotoluene

Concen: 20.725 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU053779.D

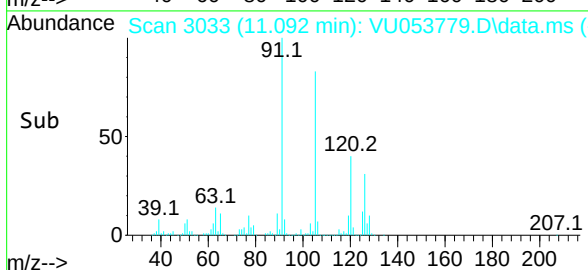
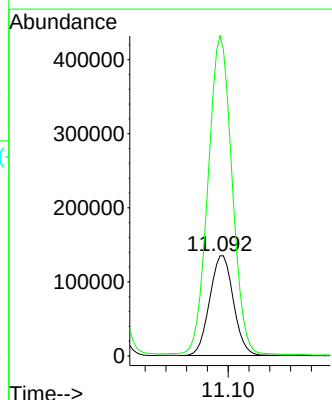
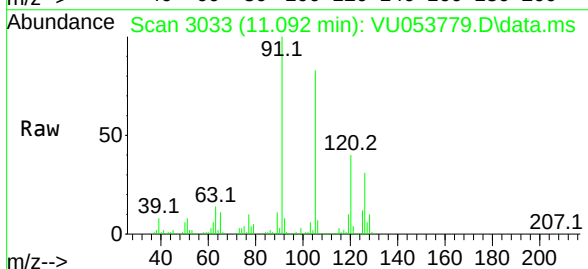
Acq: 19 Apr 2023 12:59

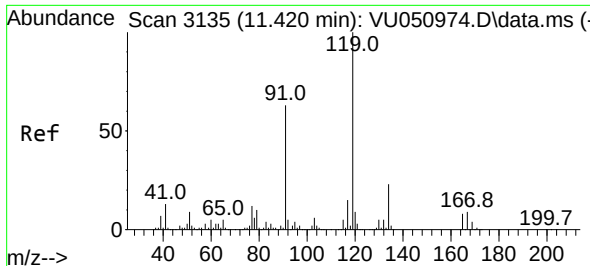
Tgt Ion:126 Resp: 213265

Ion Ratio Lower Upper

126 100

91 323.2 0.0 686.2

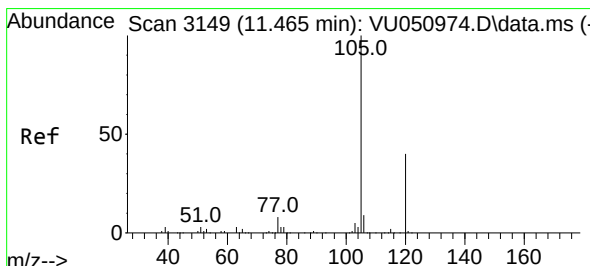
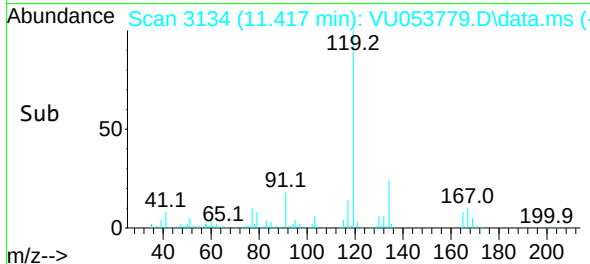
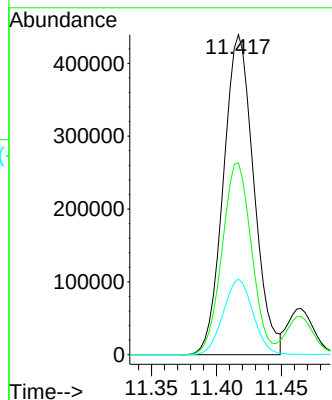
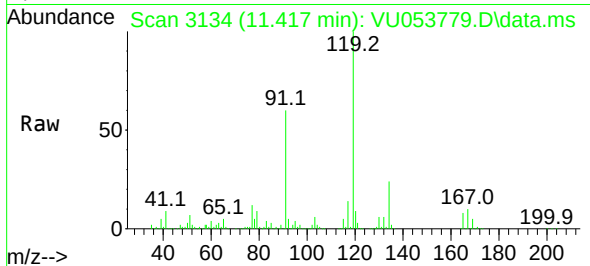




#77
tert-Butylbenzene
Concen: 21.272 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

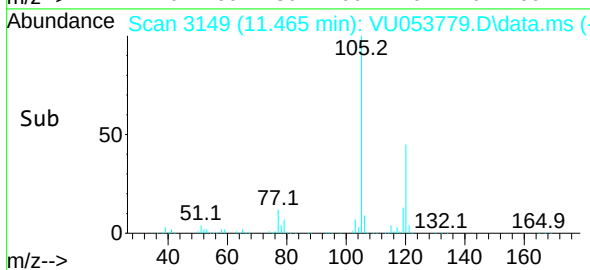
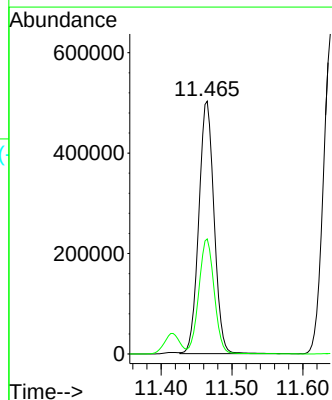
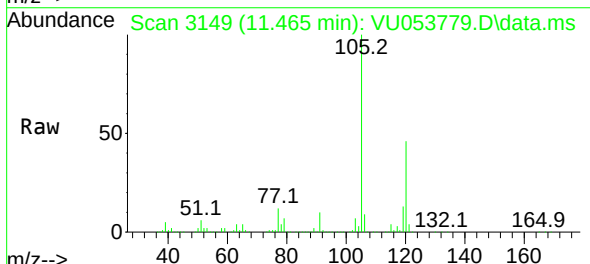
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

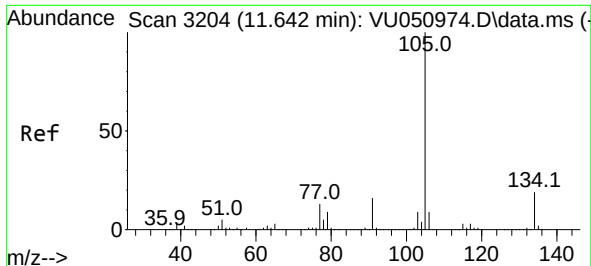
Tgt Ion:119 Resp: 714944
Ion Ratio Lower Upper
119 100
91 58.4 30.8 92.4
134 23.2 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 20.557 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:105 Resp: 750502
Ion Ratio Lower Upper
105 100
120 45.9 21.9 65.8

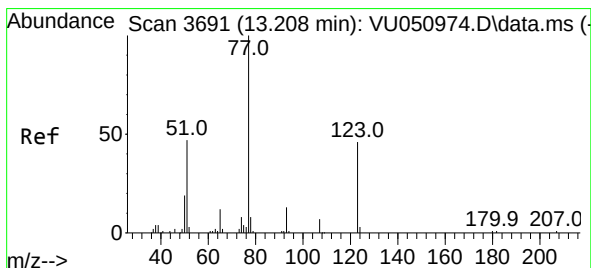
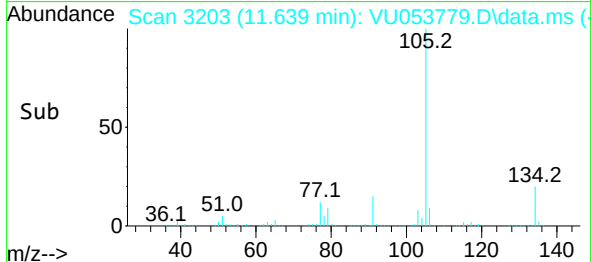
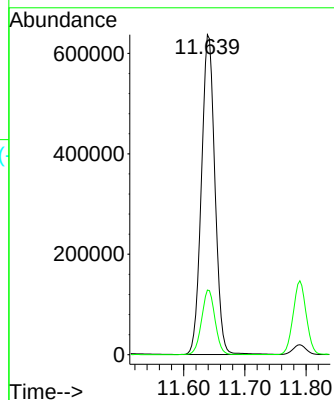
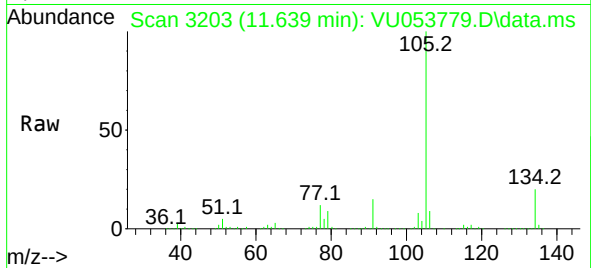




#79
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

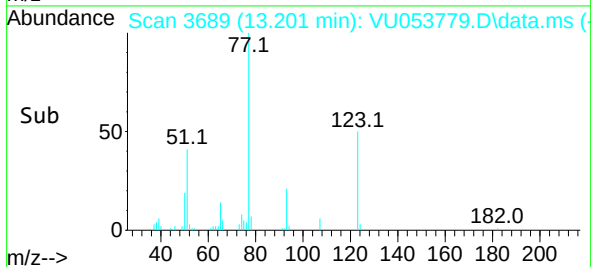
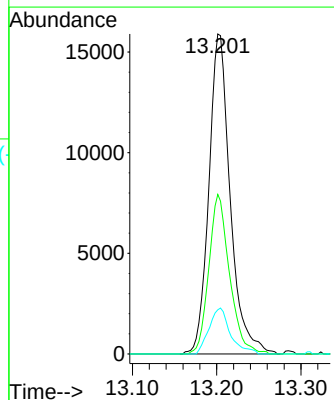
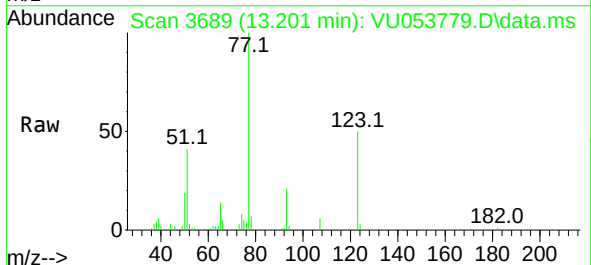
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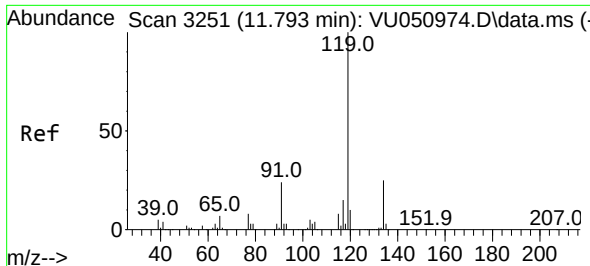
Tgt Ion:105 Resp: 977808
 Ion Ratio Lower Upper
 105 100
 134 20.2 14.9 22.3



#80
 Nitrobenzene
 Concen: 131.229 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: VU053779.D
 Acq: 19 Apr 2023 12:59

Tgt Ion: 77 Resp: 27987
 Ion Ratio Lower Upper
 77 100
 123 48.4 19.7 69.7
 65 14.3 11.5 14.7

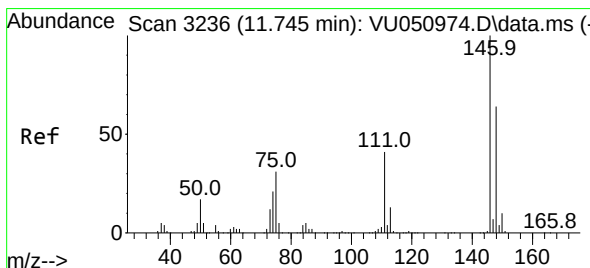
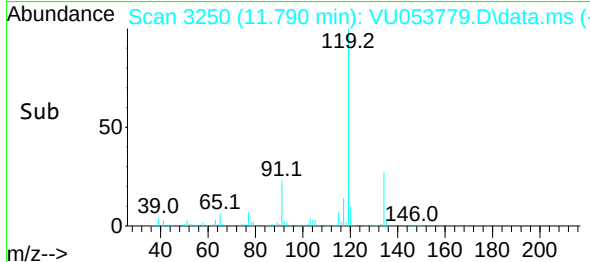
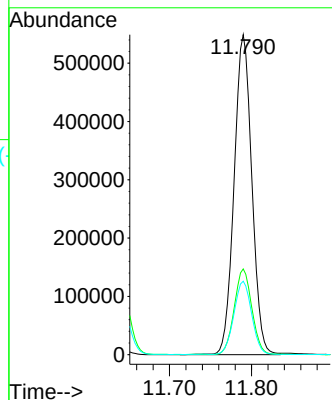
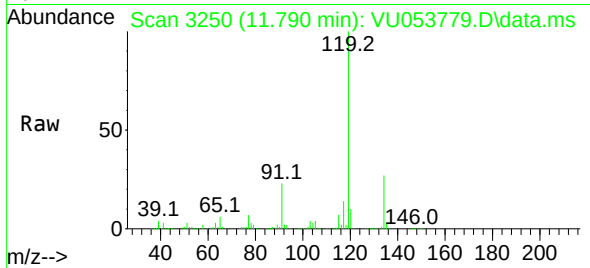




#81
p-Isopropyltoluene
Concen: 21.703 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

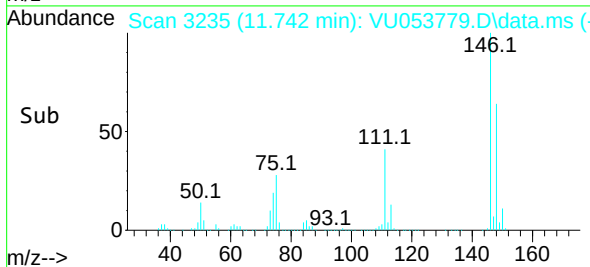
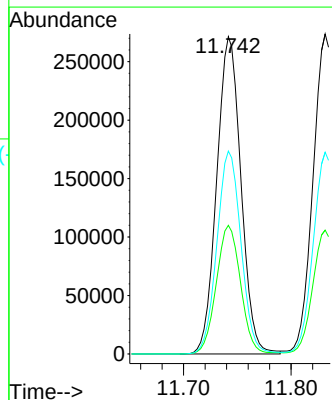
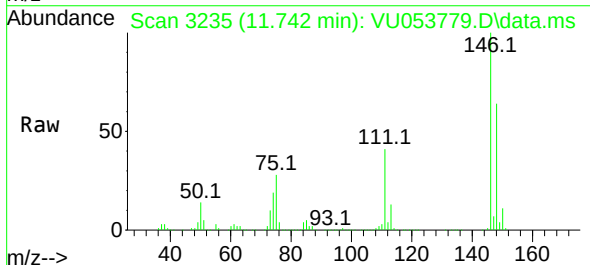
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

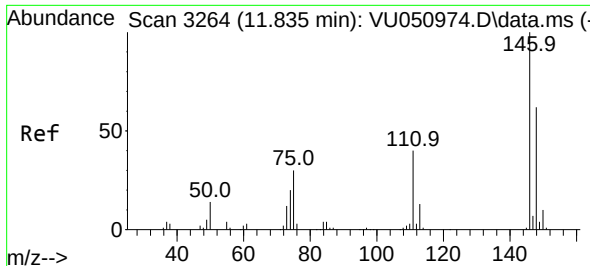
Tgt Ion:119 Resp: 823544
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 23.0 19.3 28.9



#82
1,3-Dichlorobenzene
Concen: 21.741 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:146 Resp: 424624
Ion Ratio Lower Upper
146 100
111 40.7 32.6 49.0
148 63.7 51.0 76.4

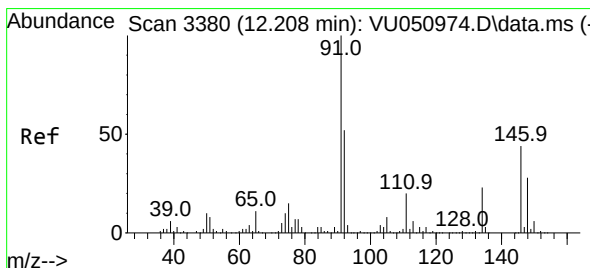
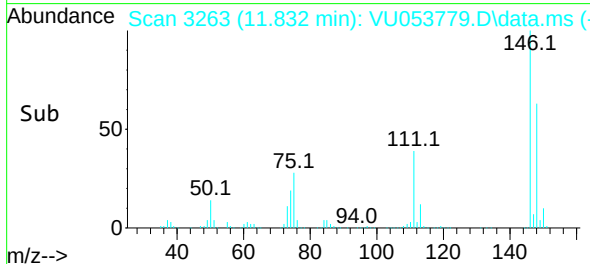
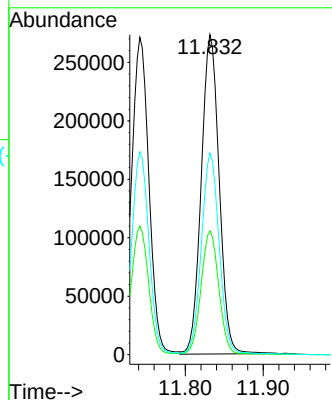
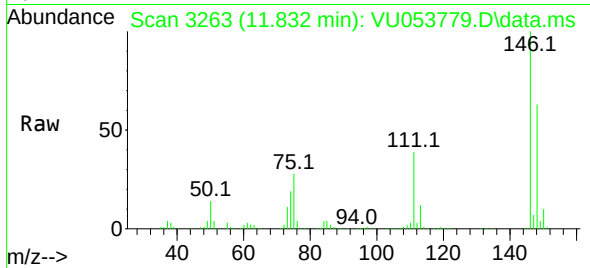




#83
1,4-Dichlorobenzene
Concen: 21.976 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

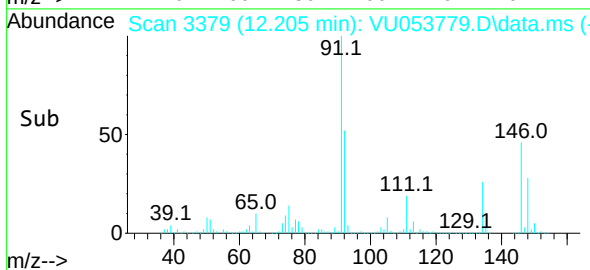
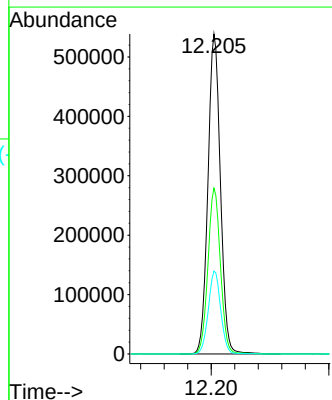
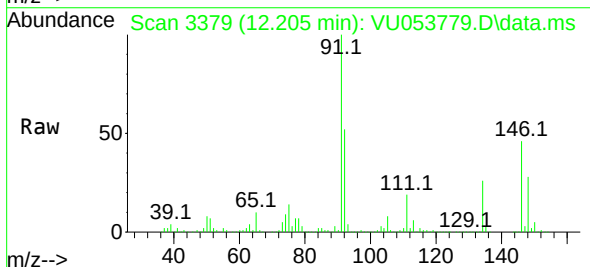
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

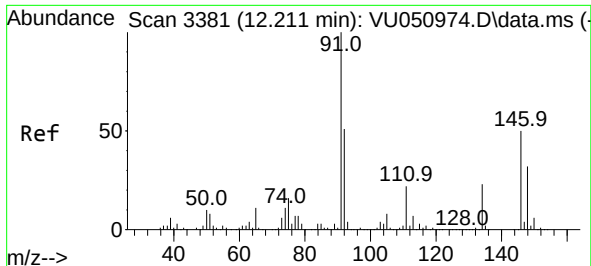
Tgt Ion:146 Resp: 436198
Ion Ratio Lower Upper
146 100
111 38.0 31.6 47.4
148 63.6 50.3 75.5



#84
n-Butylbenzene
Concen: 21.481 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion: 91 Resp: 793396
Ion Ratio Lower Upper
91 100
92 51.8 40.8 61.2
134 25.8 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 22.255 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

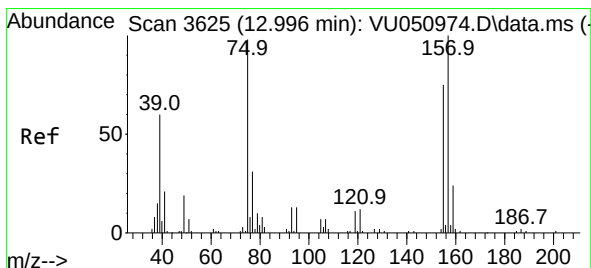
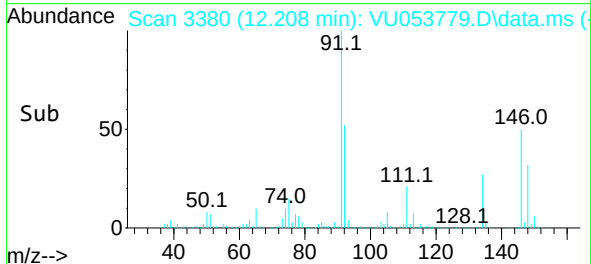
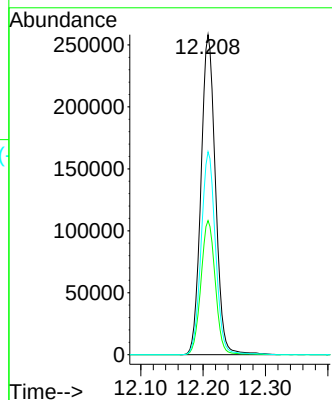
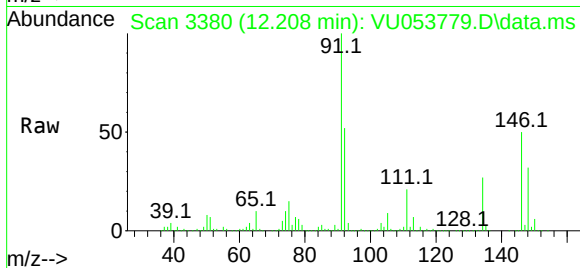
Tgt Ion:146 Resp: 417532

Ion Ratio Lower Upper

146 100

111 41.3 21.6 64.6

148 63.0 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 22.012 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053779.D

Acq: 19 Apr 2023 12:59

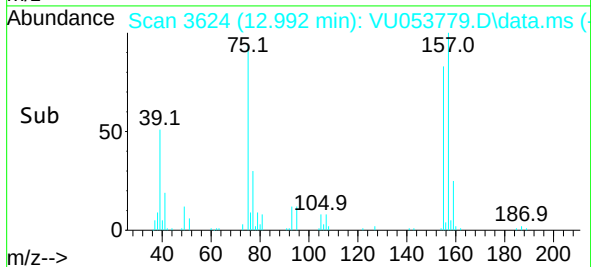
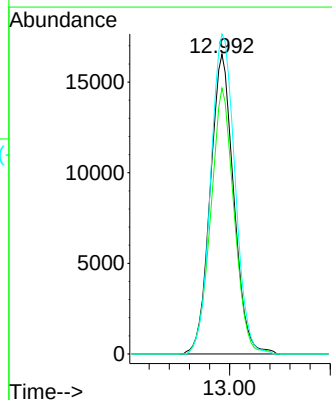
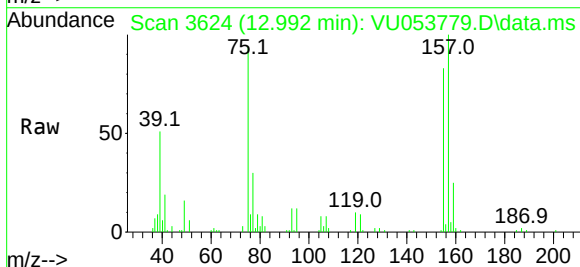
Tgt Ion: 75 Resp: 26824

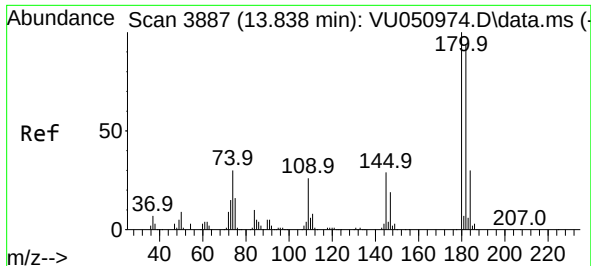
Ion Ratio Lower Upper

75 100

155 87.6 61.8 92.8

157 109.6 80.2 120.4

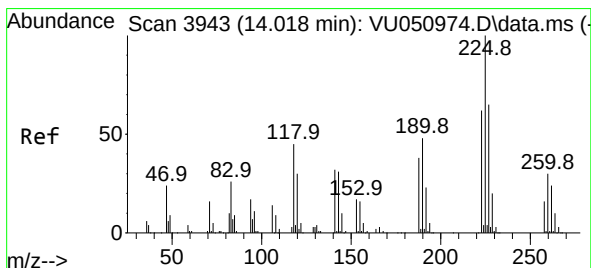
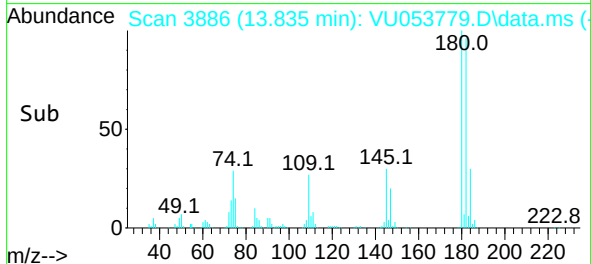
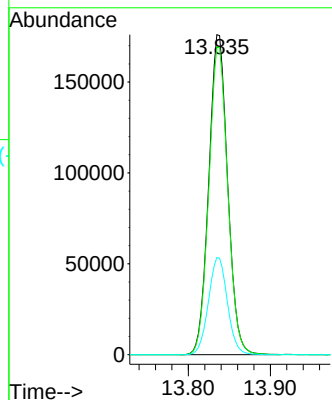
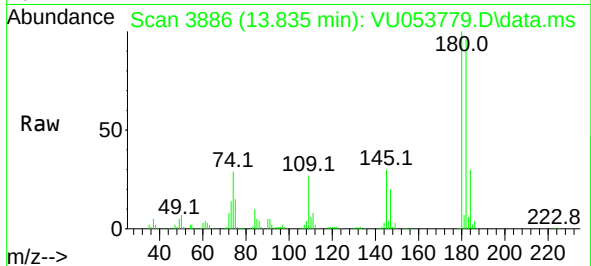




#87
1,2,4-Trichlorobenzene
Concen: 25.199 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

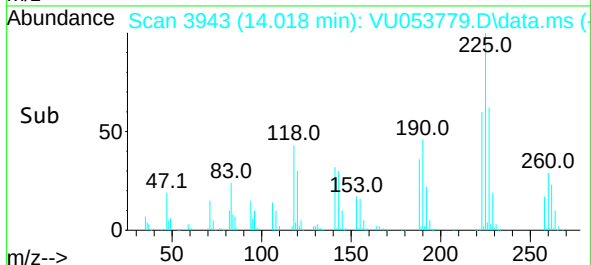
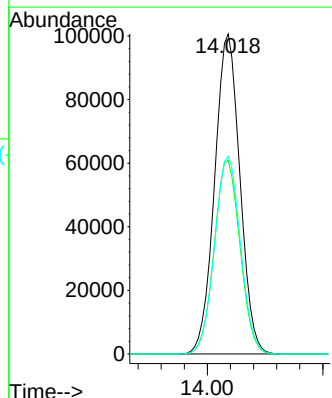
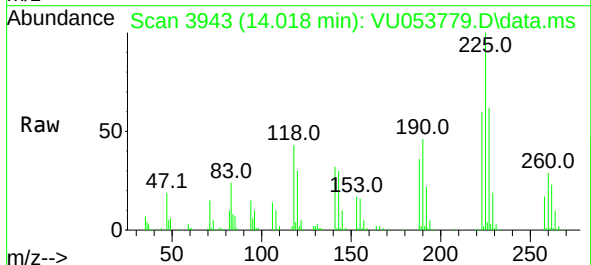
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

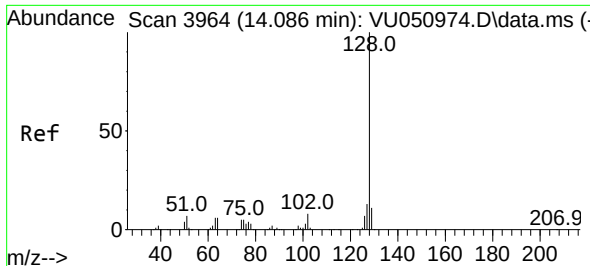
Tgt Ion:180 Resp: 281318
Ion Ratio Lower Upper
180 100
182 96.3 75.8 113.6
145 30.5 23.9 35.9



#88
Hexachlorobutadiene
Concen: 27.533 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:225 Resp: 152744
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.4
227 63.4 51.5 77.3

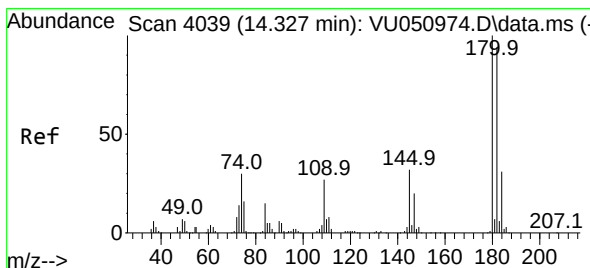
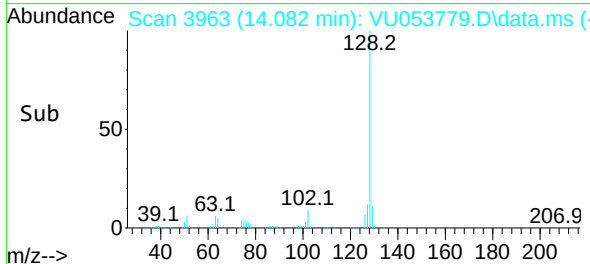
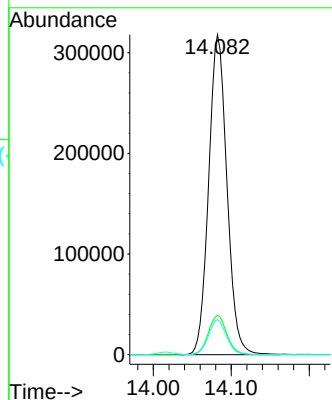
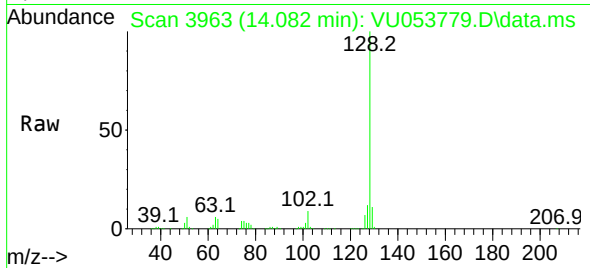




#89
Naphthalene
Concen: 23.376 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 518029
Ion Ratio Lower Upper
128 100
127 12.5 10.9 16.3
129 10.8 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 26.726 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053779.D
Acq: 19 Apr 2023 12:59

Tgt Ion:180 Resp: 265083
Ion Ratio Lower Upper
180 100
182 93.4 75.7 113.5
145 32.5 26.1 39.1

