

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053777.D
 Acq On : 19 Apr 2023 11:51
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 20 08:08:38 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	6.108	96	31237	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	12376	1.087	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	14733	1.241	ug/l	0.00
Spiked Amount 1.000			Recovery	=	124.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	48927	4.489	ug/l	100
3) Chloromethane	1.520	50	41996	3.836	ug/l	99
4) Vinyl Chloride	1.604	62	48636	4.165	ug/l	100
5) Bromomethane	1.851	94	34125	3.463	ug/l	99
6) Chloroethane	1.928	64	31379	4.154	ug/l	98
7) Trichlorofluoromethane	2.134	101	82674	4.619	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	54519	5.813	ug/l	94
9) 1,1-Dichloroethene	2.578	96	43141	5.168	ug/l	88
10) Iodomethane	2.719	142	49531	5.802	ug/l	94
11) Allyl Chloride	2.919	41	51292	5.486	ug/l	100
12) Acrylonitrile	3.311	53	22188	13.127	ug/l	99
13) Acetone	2.626	43	69108	21.379	ug/l	94
14) Carbon Disulfide	2.790	76	70285	3.019	ug/l	100
15) Methylene Chloride	3.041	84	57470	2.928	ug/l	87
16) trans-1,2-Dichloroethene	3.346	96	46785	5.421	ug/l	88
17) 1,1-Dichloroethane	3.864	63	98763	6.157	ug/l	99
18) 2-Butanone	4.713	43	95057	28.308	ug/l	97
19) Cyclohexane	5.375	56	62038	4.924	ug/l	88
20) Methylcyclohexane	6.755	83	61216	4.020	ug/l	92
21) 2,2-Dichloropropane	4.658	77	88754	6.389	ug/l	98
22) cis-1,2-Dichloroethene	4.661	96	59186	6.205	ug/l	96
23) Diethyl Ether	2.375	59	32063	4.895	ug/l	93
24) tert-Butyl Alcohol	3.205	59	41630	63.746	ug/l #	1
25) Methyl tert-Butyl Ether	3.362	73	124339	6.497	ug/l	94
26) Bromochloromethane	4.967	128	25502	6.467	ug/l	92
27) Chloroform	5.083	83	107532	6.394	ug/l	99
28) 1,1,1-Trichloroethane	5.308	97	88835	6.172	ug/l	98
29) 1,1-Dichloropropene	5.517	75	55829	4.754	ug/l	98
30) Carbon Tetrachloride	5.513	117	64322	5.775	ug/l	98
31) Isopropyl Ether	3.996	45	140636	6.322	ug/l	91
32) Ethyl-t-butyl ether	4.507	59	143010	6.257	ug/l	93
33) Tert-Amyl methyl ether	5.944	73	105847	5.399	ug/l	97
34) Propionitrile	4.784	54	22035	39.085	ug/l #	16
35) Benzene	5.767	78	172700	4.965	ug/l	99
36) 1,2-Dichloroethane	5.793	62	52776	5.191	ug/l	98
37) Trichloroethene	6.536	130	49876	5.591	ug/l	97
38) 1,2-Dichloropropane	6.787	63	51403	5.662	ug/l	99
39) Methacrylonitrile	4.976	41	16096	6.885	ug/l	91
40) Methyl acrylate	4.848	55	28216	6.612	ug/l #	95
41) Tetrahydrofuran	5.067	42	15832	13.258	ug/l	92
42) 1-Chlorobutane	5.449	56	76711	4.878	ug/l	97
43) Dibromomethane	6.915	93	25562	5.873	ug/l	99
44) Bromodichloromethane	7.102	83	62294	5.714	ug/l	98

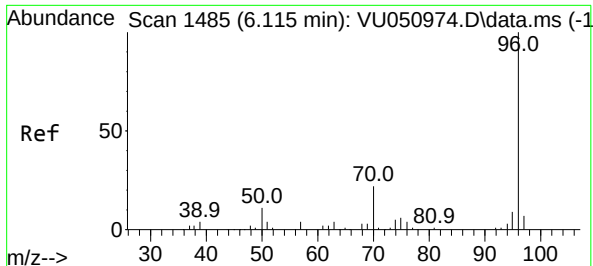
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
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Quant Time: Apr 20 08:08:38 2023
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	126064	27.713	ug/l	95
46) t-1,4-Dichloro-2-butene	10.822	75	60900	24.765	ug/l #	45
47) Methyl methacrylate	6.964	69	43987	10.973	ug/l	93
48) Ethyl methacrylate	8.333	69	42673	5.509	ug/l	90
49) Toluene	7.967	92	111736	5.205	ug/l	96
50) t-1,3-Dichloropropene	8.208	75	58169	5.780	ug/l	100
51) cis-1,3-Dichloropropene	7.603	75	68534	5.539	ug/l	95
52) 1,1,2-Trichloroethane	8.398	97	40374	6.262	ug/l	96
53) 1,3-Dichloropropane	8.571	76	63456	5.812	ug/l	98
54) 2-Hexanone	8.687	43	112946	23.571	ug/l	96
55) Dibromochloromethane	8.806	129	41996	6.356	ug/l	99
56) 1,2-Dibromoethane	8.922	107	35161	5.960	ug/l	98
58) Tetrachloroethene	8.549	164	48715	5.823	ug/l	96
59) Chlorobenzene	9.443	112	135638	5.615	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.529	131	50562	6.675	ug/l	97
61) Pentachloroethane	11.423	117	36888	6.717	ug/l	93
62) Hexachloroethane	12.471	117	36603	6.095	ug/l	100
63) Ethyl Benzene	9.568	91	220082	5.272	ug/l	97
64) m/p-Xylenes	9.690	106	177066	11.032	ug/l	94
65) o-Xylene	10.095	106	88330	5.589	ug/l	96
66) Styrene	10.111	104	142655	5.841	ug/l	100
67) Bromoform	10.288	173	22491	7.069	ug/l	99
69) Isopropylbenzene	10.481	105	229789	5.556	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	49786	6.333	ug/l	98
71) 1,2,3-Trichloropropane	10.822	75	60900	10.198	ug/l	69
72) Bromobenzene	10.780	156	57548	6.397	ug/l	90
73) n-propylbenzene	10.902	120	64957	5.858	ug/l	91
74) 2-Chlorotoluene	10.983	126	60188	6.223	ug/l	87
75) 1,3,5-Trimethylbenzene	11.082	105	202875	5.784	ug/l	97
76) 4-Chlorotoluene	11.095	126	63826	6.300	ug/l	85
77) tert-Butylbenzene	11.417	119	199552	6.030	ug/l	97
78) 1,2,4-Trimethylbenzene	11.462	105	210050	5.843	ug/l	99
79) sec-Butylbenzene	11.639	105	271503	5.774	ug/l	96
80) Nitrobenzene	13.201	77	7958	37.898	ug/l	95
81) p-Isopropyltoluene	11.790	119	226631	6.066	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	124954	6.498	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	120969	6.190	ug/l	98
84) n-Butylbenzene	12.204	91	206531	5.679	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	120714	6.535	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.992	75	7413	6.178	ug/l	85
87) 1,2,4-Trichlorobenzene	13.835	180	75254	6.846	ug/l	99
88) Hexachlorobutadiene	14.018	225	40524	7.419	ug/l	99
89) Naphthalene	14.082	128	130548	5.983	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	70241	7.192	ug/l	98

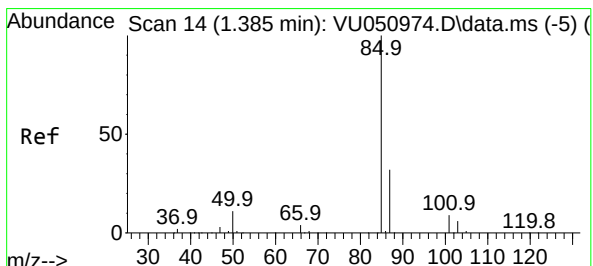
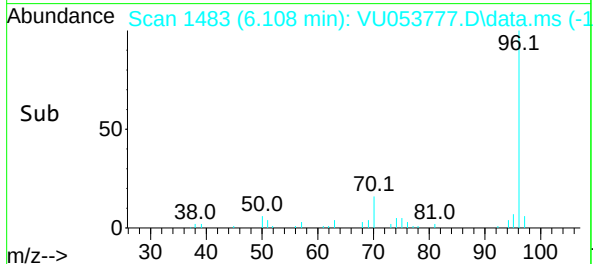
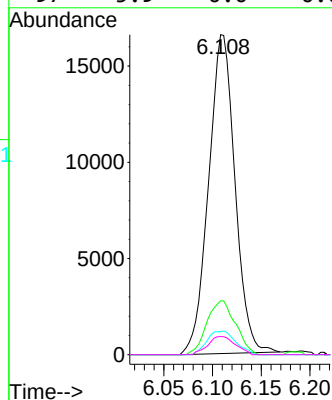
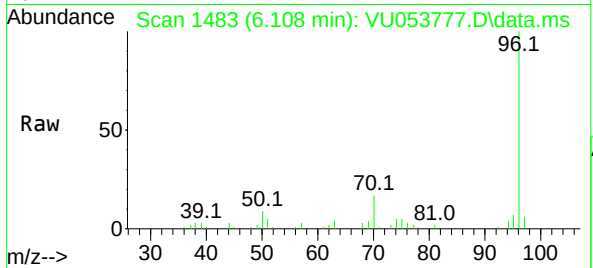
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053777.D
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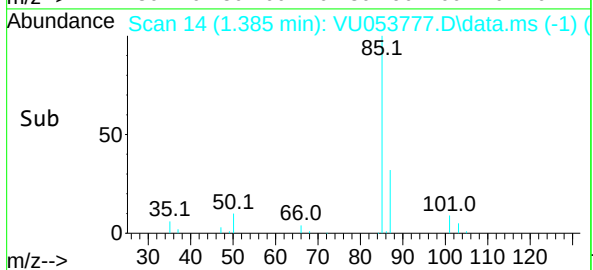
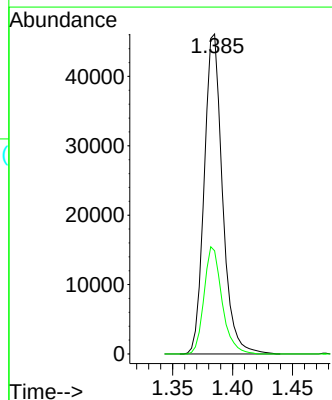
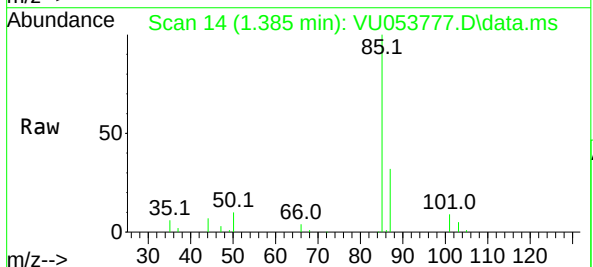
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

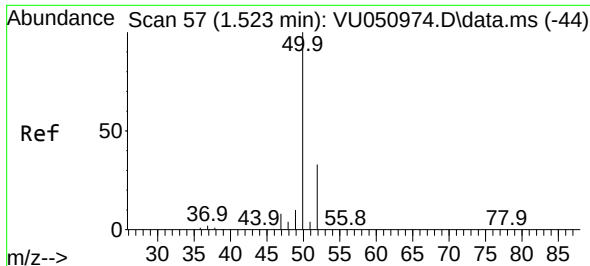
Tgt Ion: 96	Resp: 31237
Ion Ratio	Lower Upper
96 100	
70 18.3	16.5 24.7
95 8.1	7.4 11.0
97 5.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 4.489 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 85	Resp: 48927
Ion Ratio	Lower Upper
85 100	
87 32.3	16.2 48.6

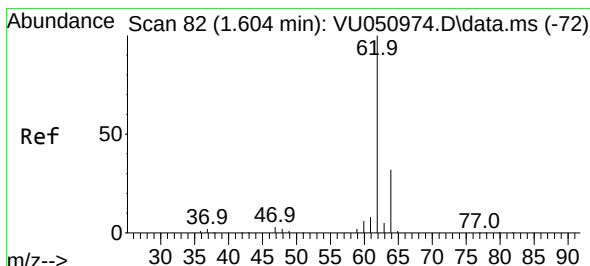
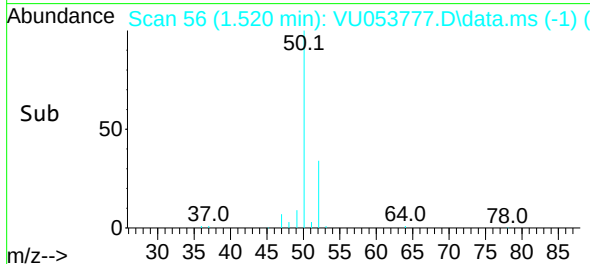
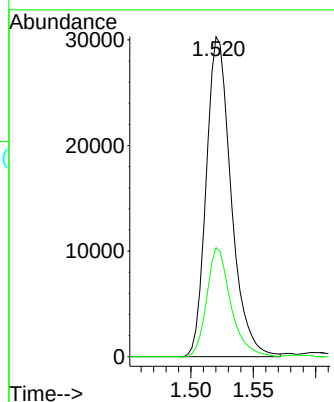
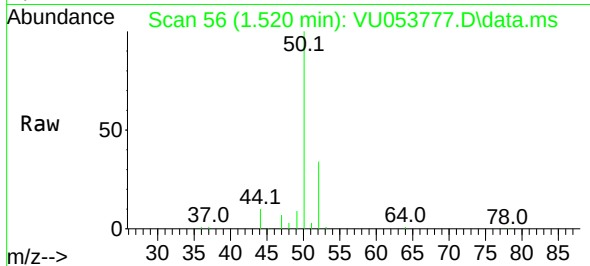




#3
Chloromethane
Concen: 3.836 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

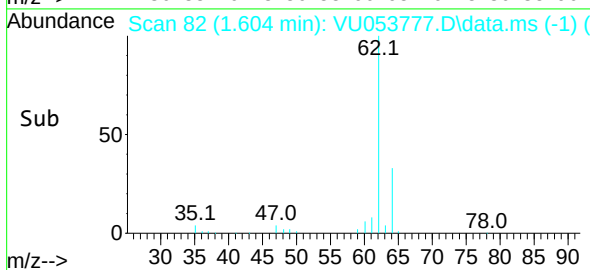
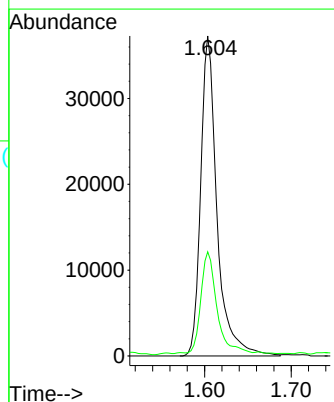
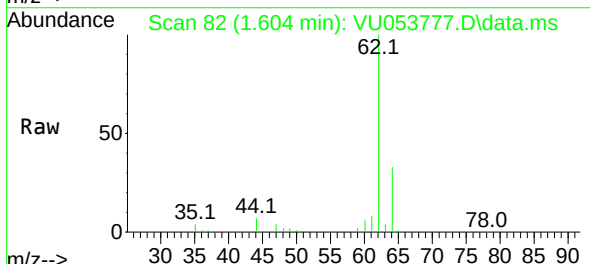
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

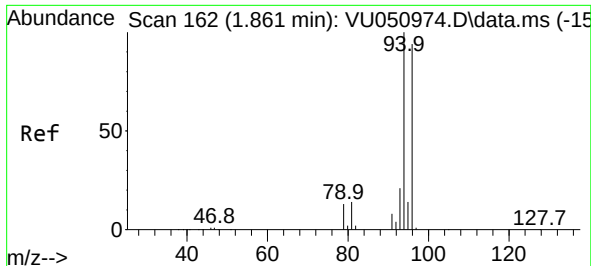
Tgt Ion: 50 Resp: 41996
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 4.165 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 62 Resp: 48636
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2

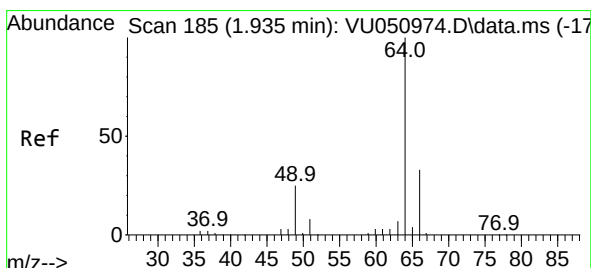
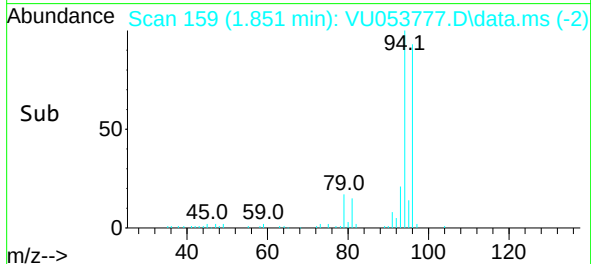
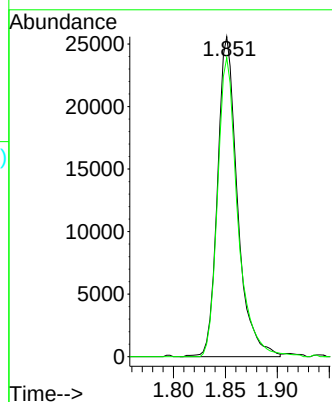
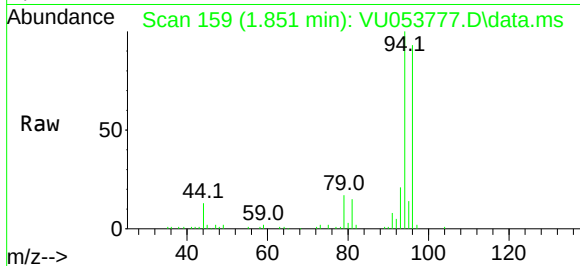




#5
Bromomethane
Concen: 3.463 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

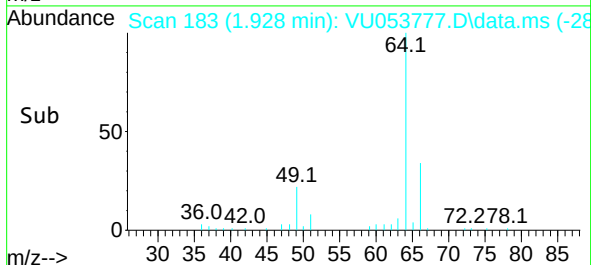
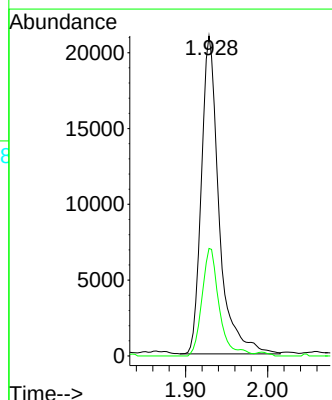
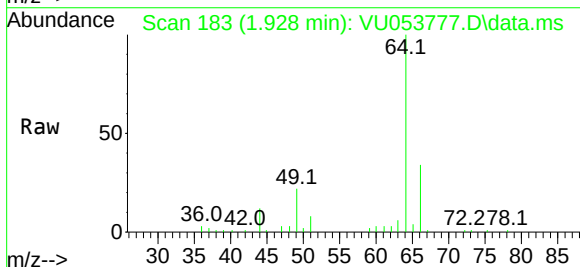
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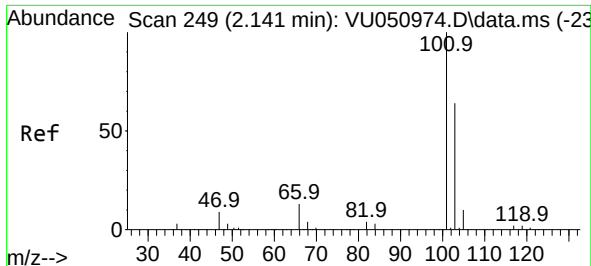
Tgt Ion: 94 Resp: 34125
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.2



#6
Chloroethane
Concen: 4.154 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 64 Resp: 31379
Ion Ratio Lower Upper
64 100
66 33.8 26.0 39.0

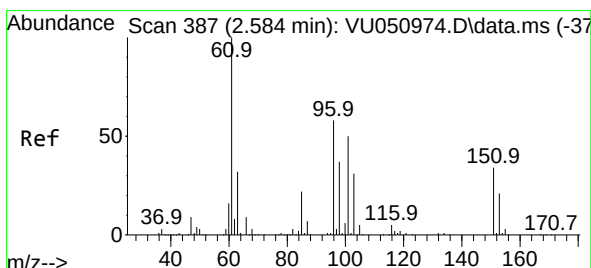
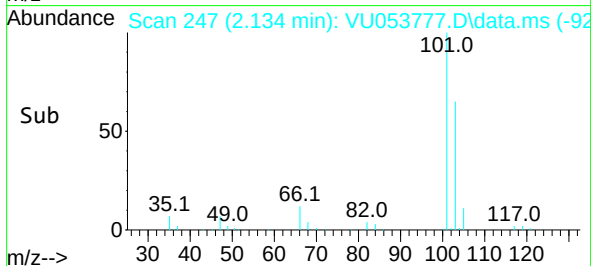
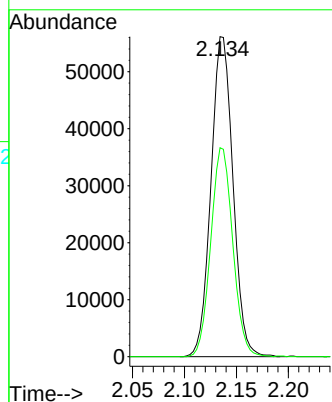
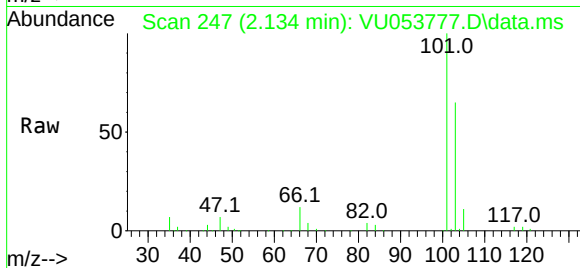




#7
Trichlorofluoromethane
Concen: 4.619 ug/l
RT: 2.134 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

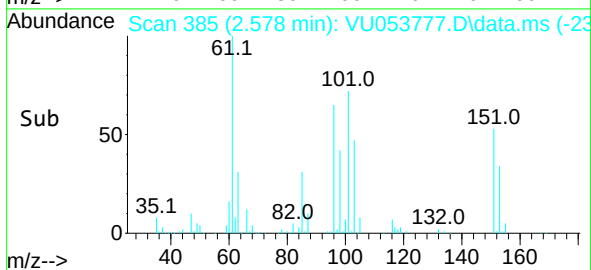
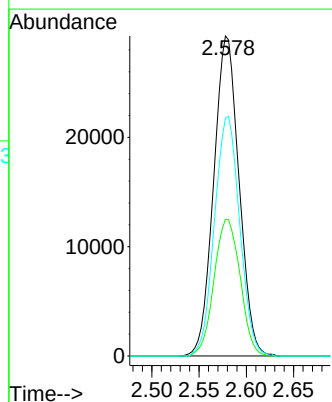
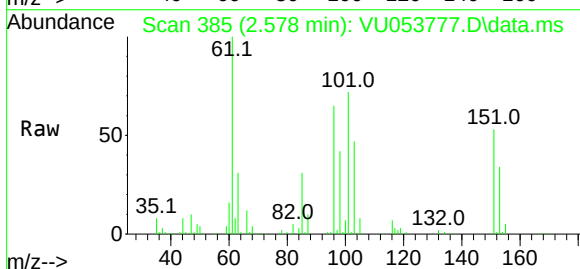
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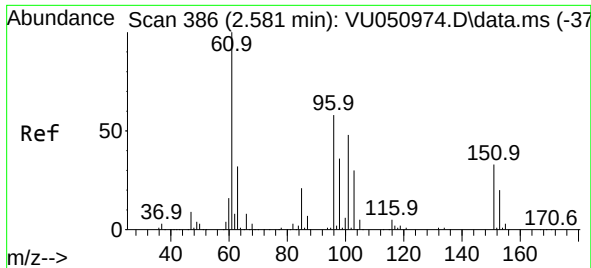
Tgt Ion:101 Resp: 82674
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.813 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:101 Resp: 54519
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.0
151 74.8 54.0 81.0

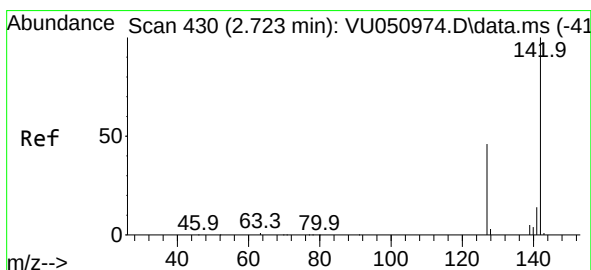
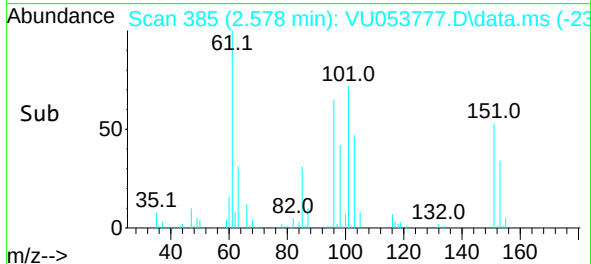
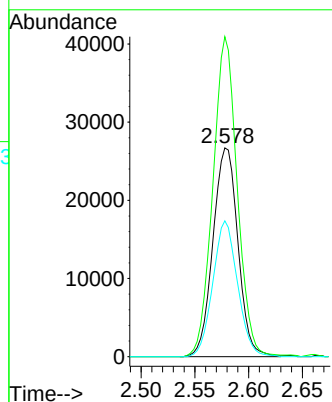
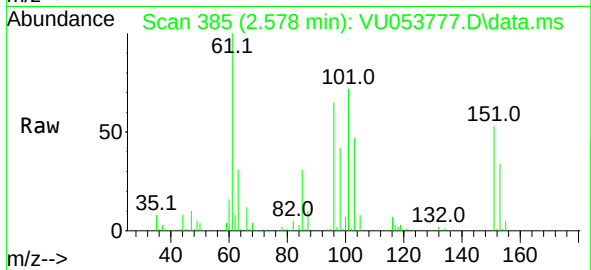




#9
1,1-Dichloroethene
Concen: 5.168 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

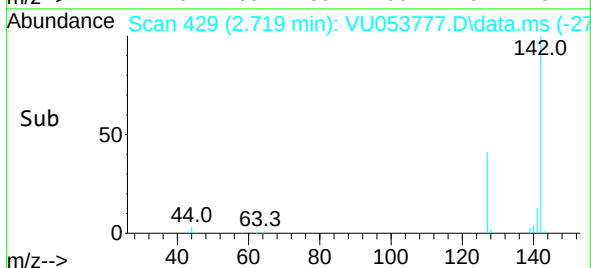
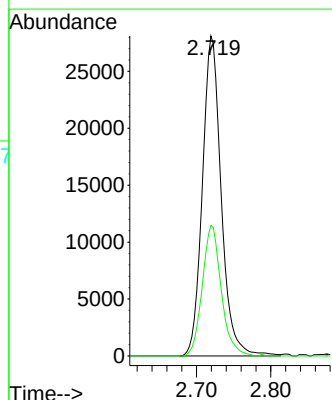
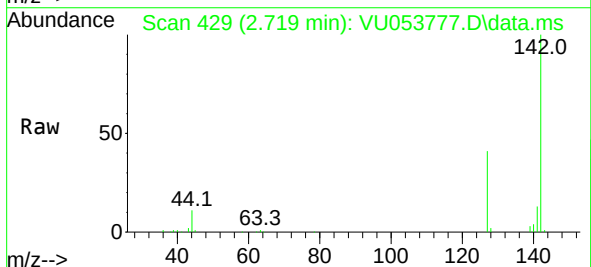
Instrument :
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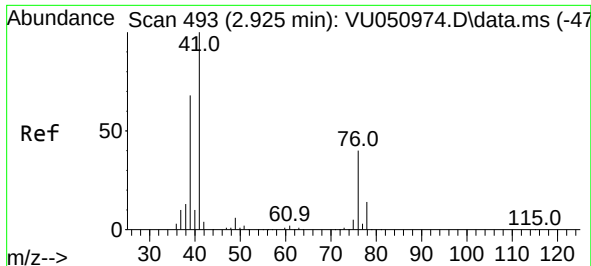
Tgt Ion: 96 Resp: 43141
Ion Ratio Lower Upper
96 100
61 153.2 0.0 521.4
98 65.1 0.0 125.8



#10
Iodomethane
Concen: 5.802 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 142 Resp: 49531
Ion Ratio Lower Upper
142 100
127 41.0 35.9 53.9





#11

Allyl Chloride

Concen: 5.486 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

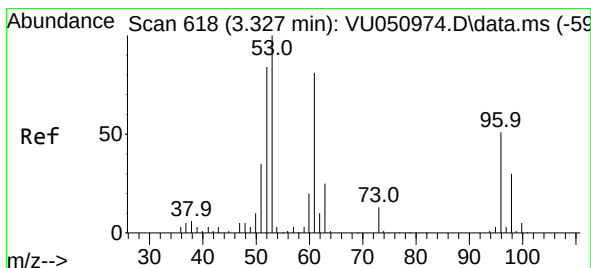
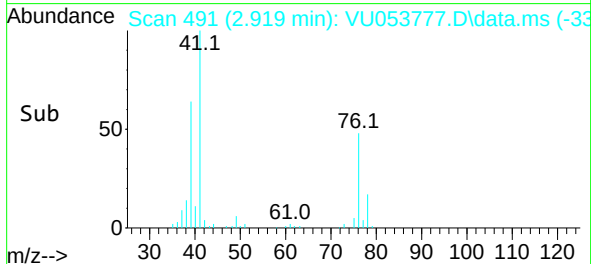
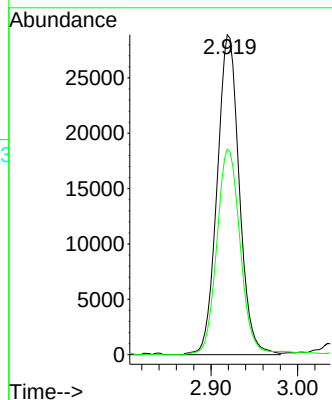
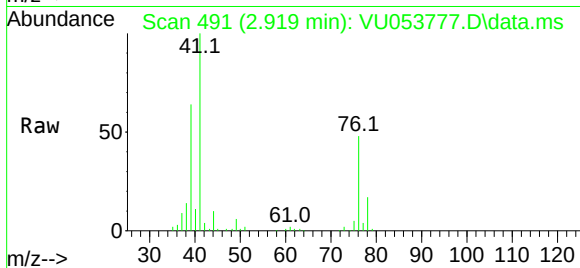
VSTDICC005

Tgt Ion: 41 Resp: 51292

Ion Ratio Lower Upper

41 100

39 67.6 54.2 81.2



#12

Acrylonitrile

Concen: 13.127 ug/l

RT: 3.311 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

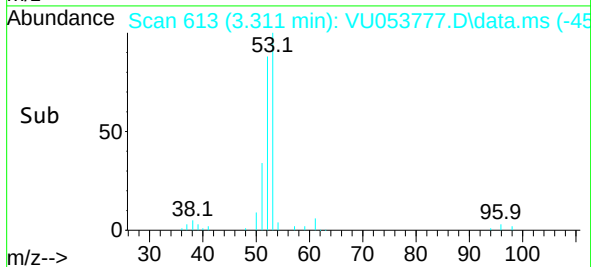
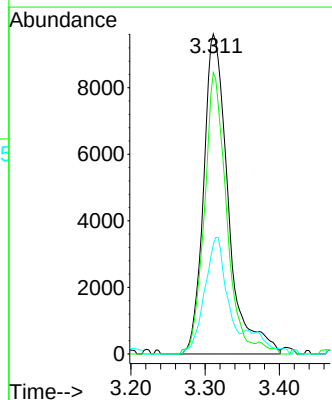
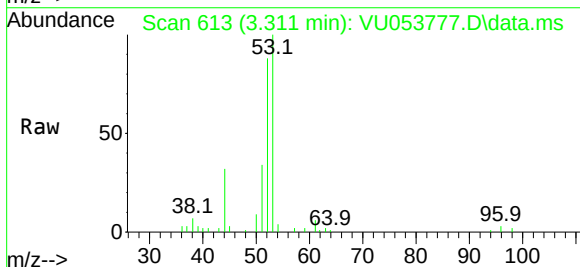
Tgt Ion: 53 Resp: 22188

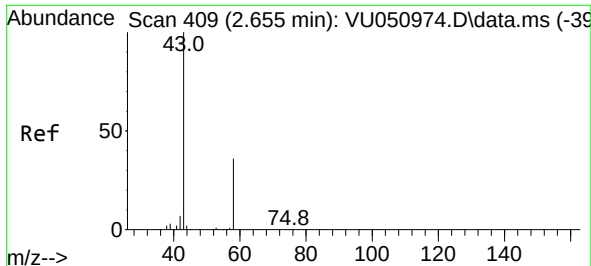
Ion Ratio Lower Upper

53 100

52 77.9 62.9 94.3

51 33.4 27.8 41.6

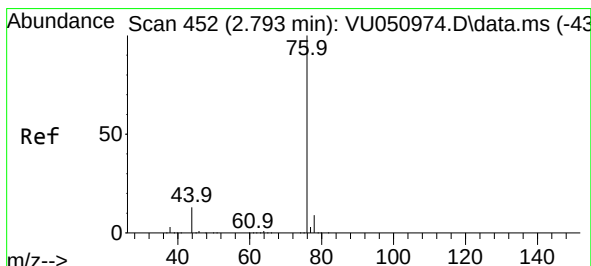
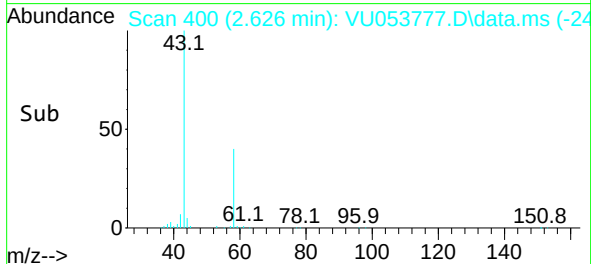
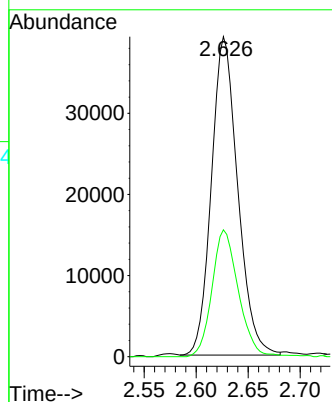
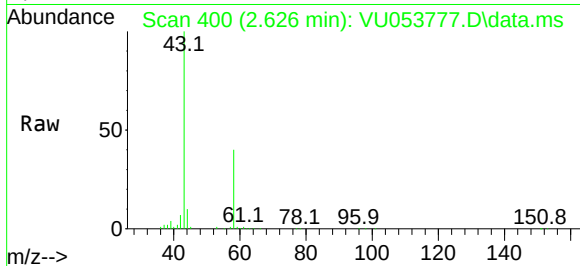




#13
Acetone
Concen: 21.379 ug/l
RT: 2.626 min Scan# 409
Delta R.T. 0.006 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

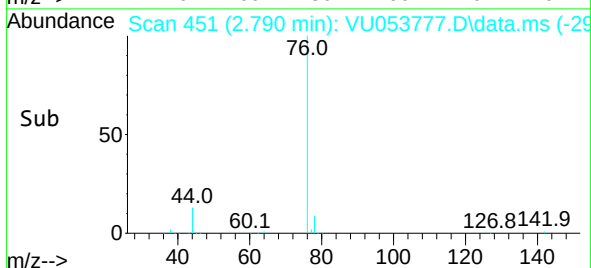
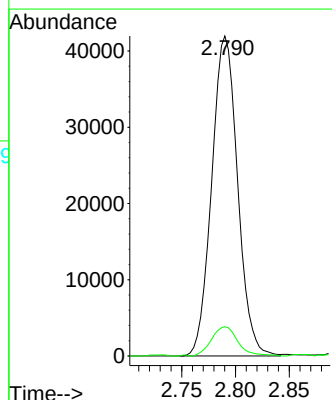
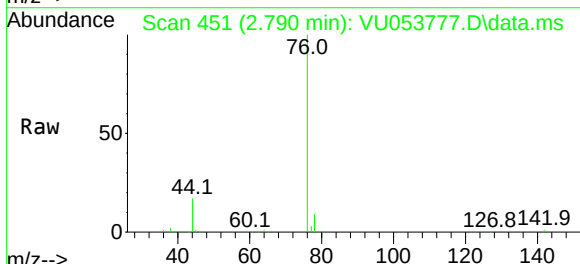
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

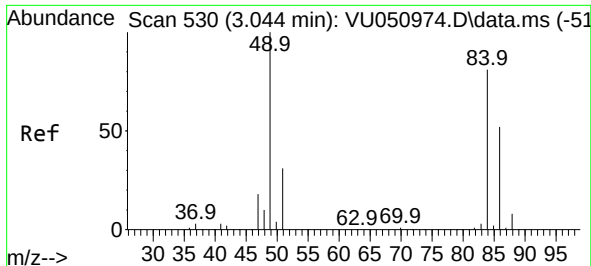
Tgt Ion: 43 Resp: 69108
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.4



#14
Carbon Disulfide
Concen: 3.019 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 76 Resp: 70285
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



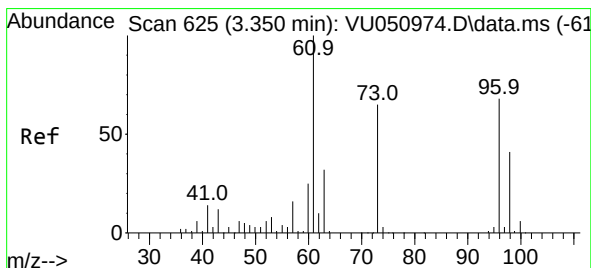
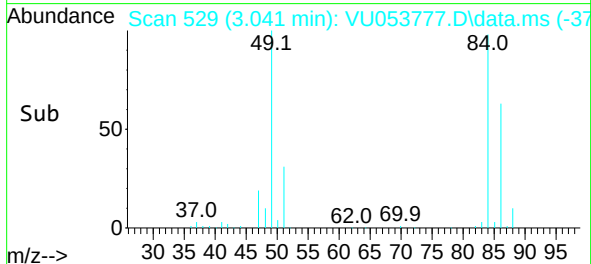
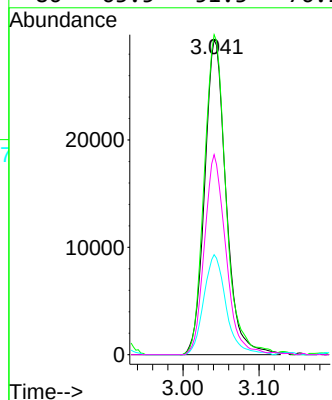
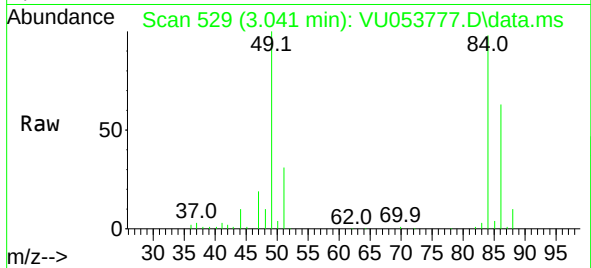


#15
Methylene Chloride
Concen: 2.928 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 84 Resp: 57470

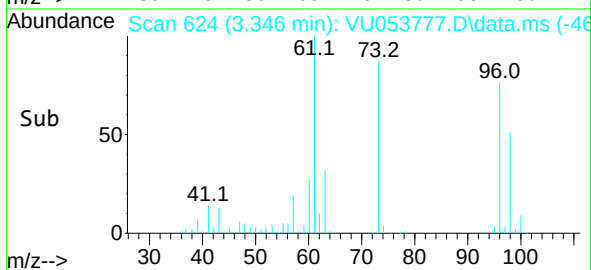
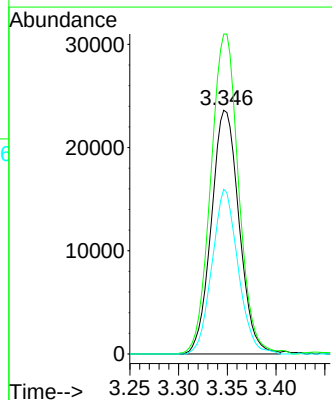
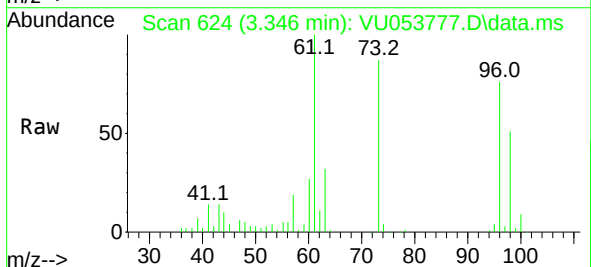
Ion	Ratio	Lower	Upper
84	100		
49	101.6	98.9	148.3
51	31.8	0.0	75.4
86	63.5	51.3	76.9

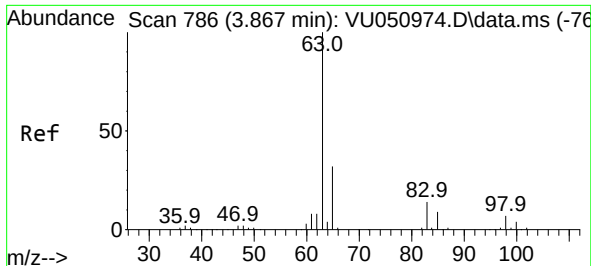


#16
trans-1,2-Dichloroethene
Concen: 5.421 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 96 Resp: 46785

Ion	Ratio	Lower	Upper
96	100		
61	130.9	117.5	176.3
98	67.6	48.3	72.5

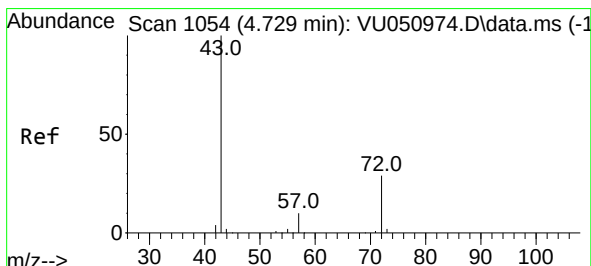
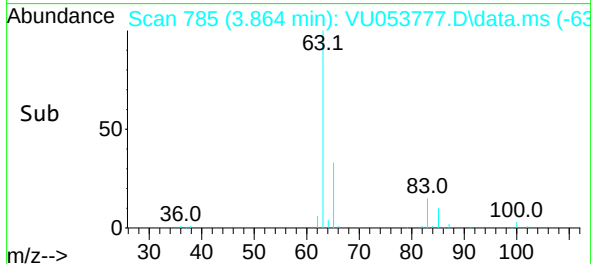
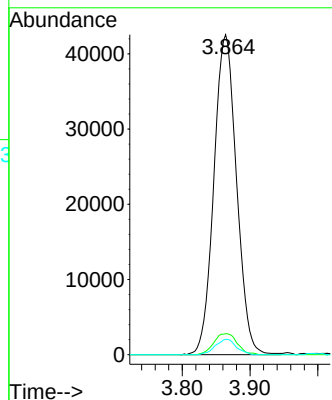
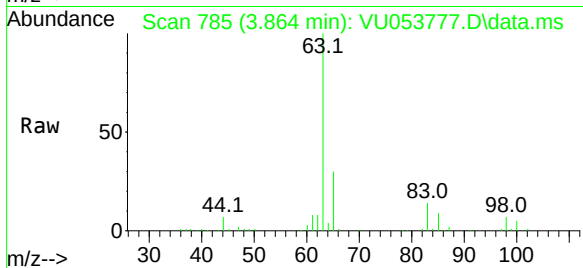




#17
1,1-Dichloroethane
Concen: 6.157 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

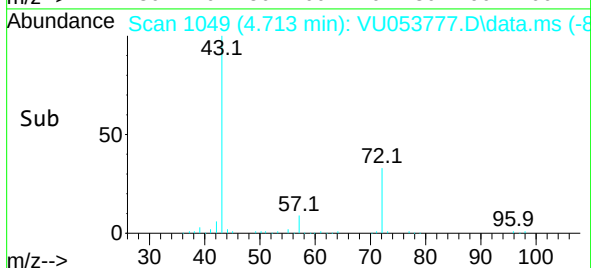
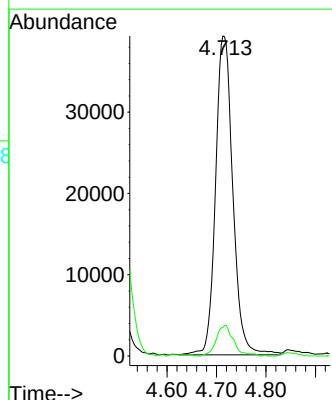
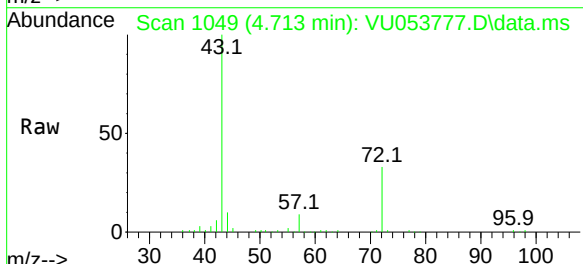
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

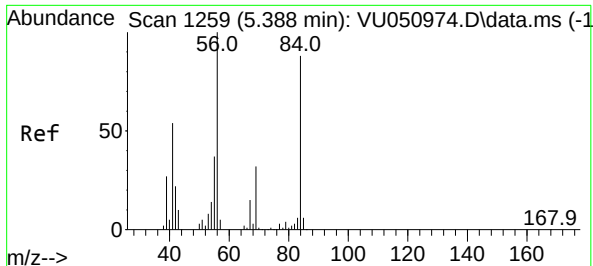
Tgt Ion: 63 Resp: 98763
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.8 2.2 6.6



#18
2-Butanone
Concen: 28.308 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 43 Resp: 95057
Ion Ratio Lower Upper
43 100
57 8.7 0.0 19.6





#19

Cyclohexane

Concen: 4.924 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

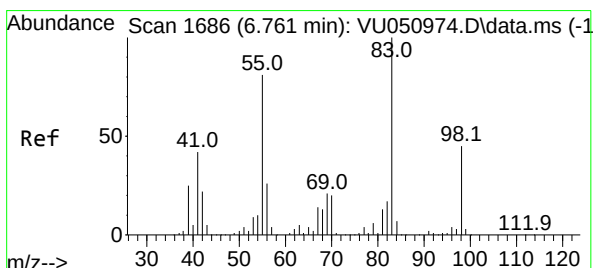
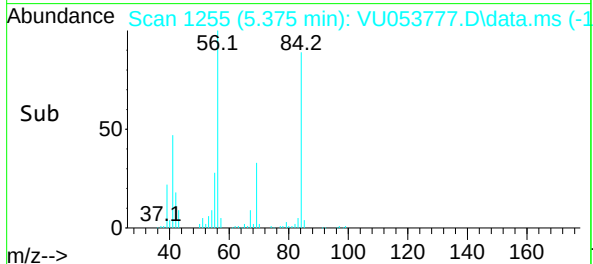
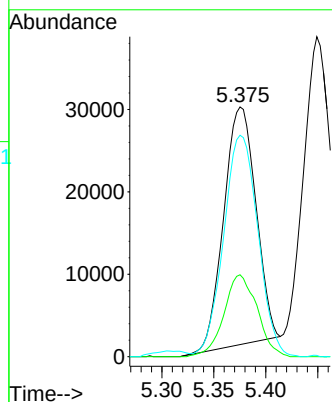
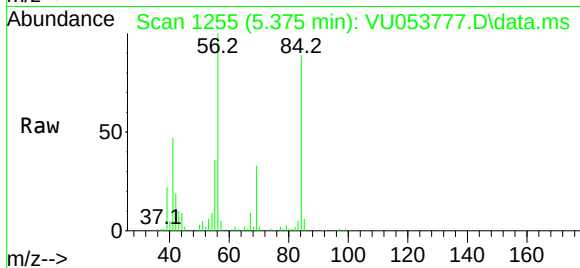
Tgt Ion: 56 Resp: 62038

Ion Ratio Lower Upper

56 100

69 35.5 24.6 37.0

84 98.0 68.4 102.6



#20

Methylcyclohexane

Concen: 4.020 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

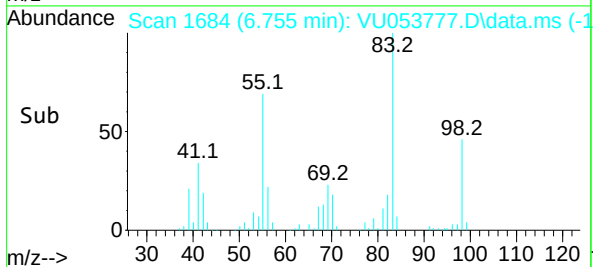
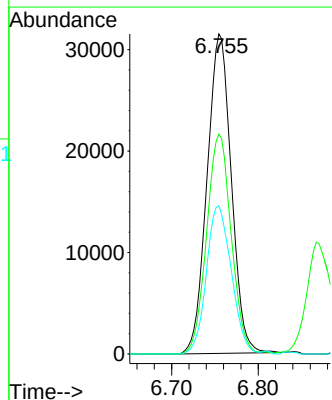
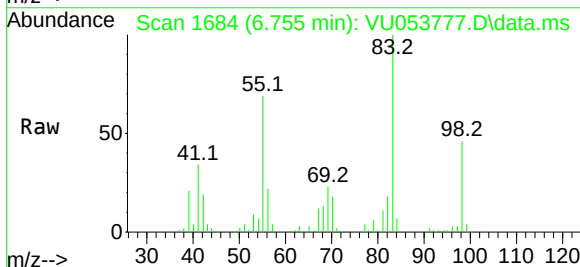
Tgt Ion: 83 Resp: 61216

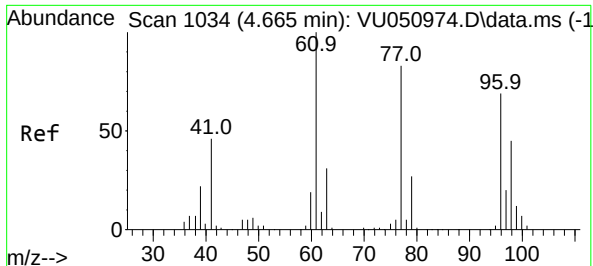
Ion Ratio Lower Upper

83 100

55 69.4 63.5 95.3

98 46.9 36.0 54.0

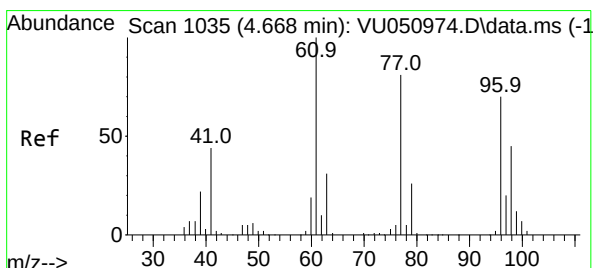
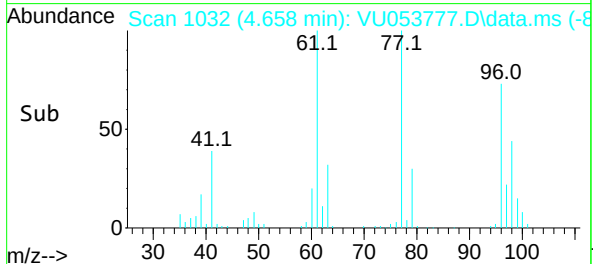
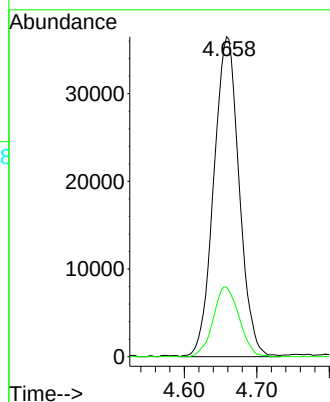
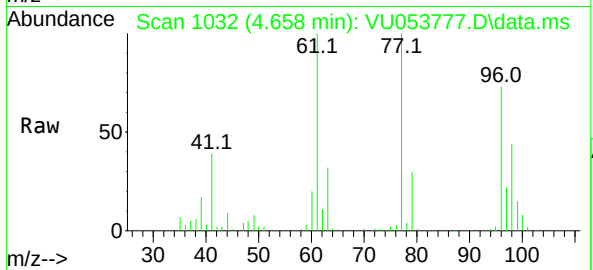




#21
2,2-Dichloropropane
Concen: 6.389 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

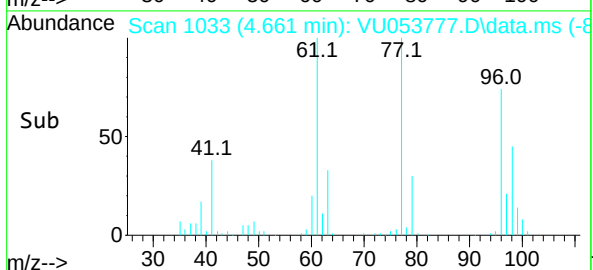
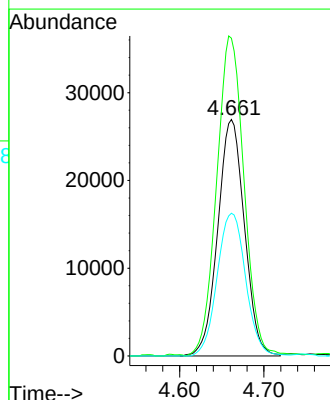
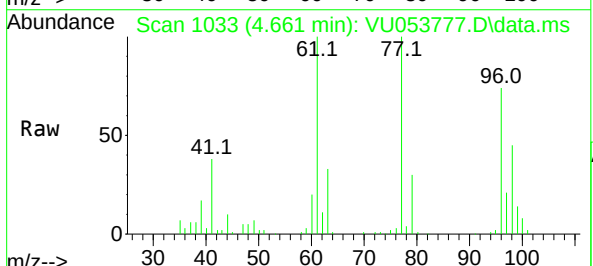
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

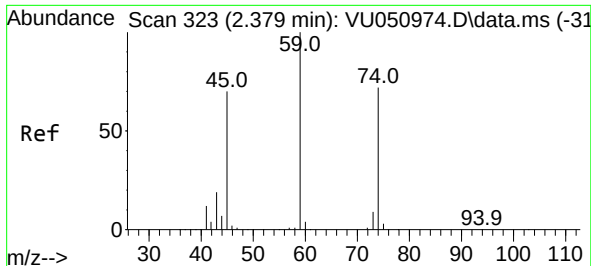
Tgt Ion: 77 Resp: 88754
Ion Ratio Lower Upper
77 100
97 22.3 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 6.205 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 96 Resp: 59186
Ion Ratio Lower Upper
96 100
61 138.8 0.0 365.8
98 64.4 32.0 96.0

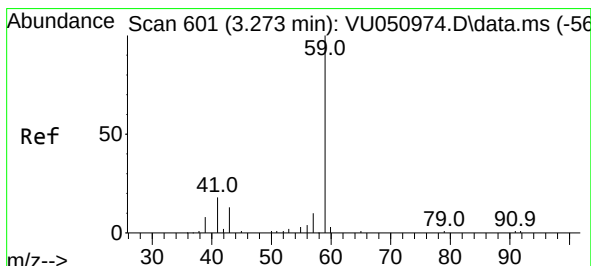
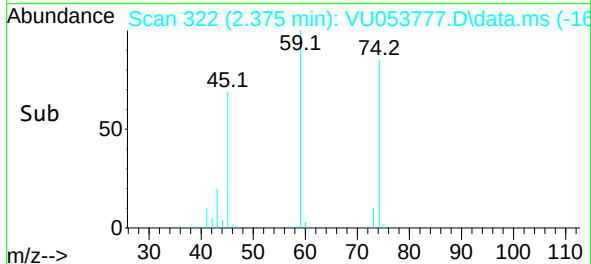
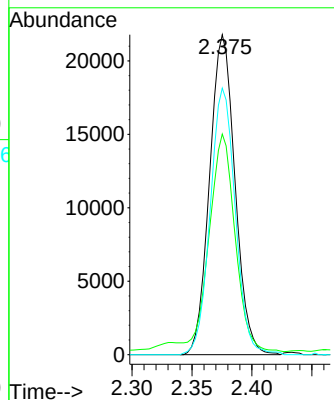
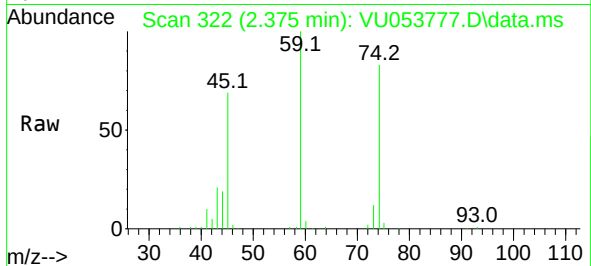




#23
Diethyl Ether
Concen: 4.895 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

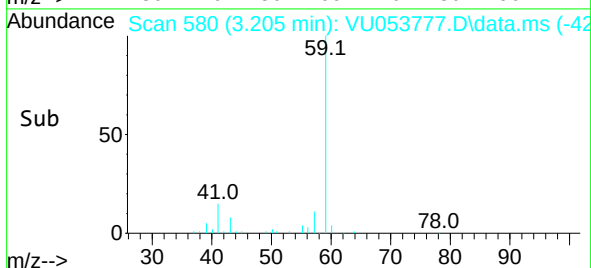
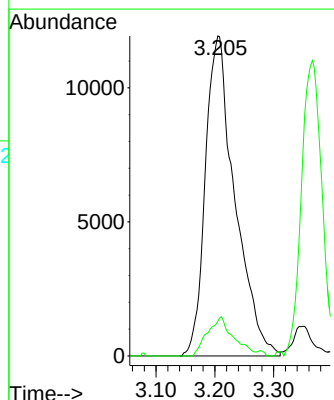
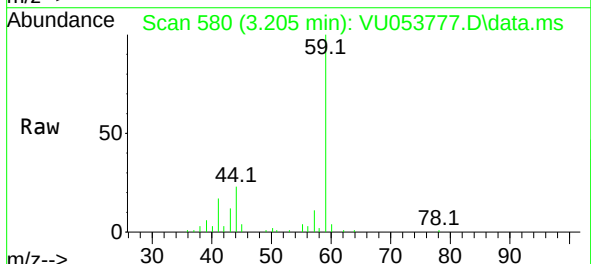
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

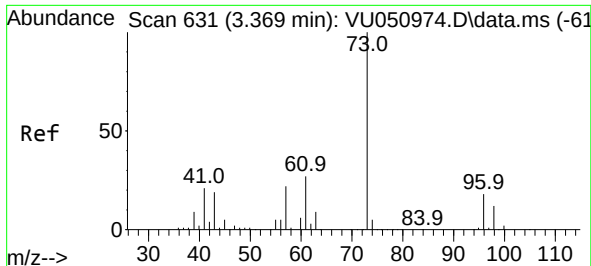
Tgt Ion: 59 Resp: 32063
Ion Ratio Lower Upper
59 100
45 69.2 56.1 84.1
74 82.3 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 63.746 ug/l
RT: 3.205 min Scan# 580
Delta R.T. 0.016 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 59 Resp: 41630
Ion Ratio Lower Upper
59 100
57 10.7 105.6 158.4#

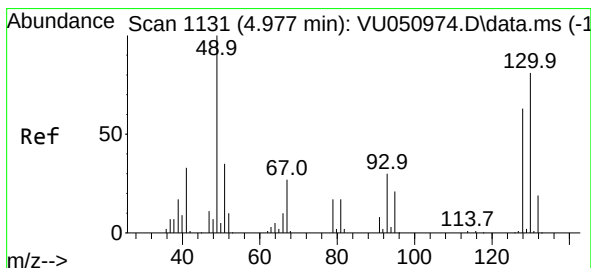
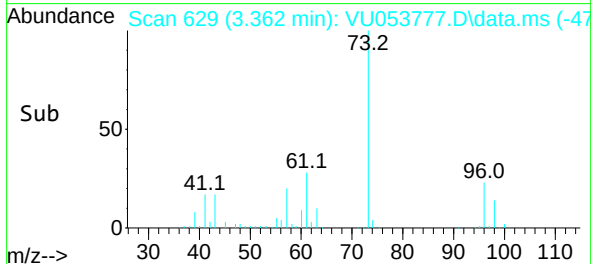
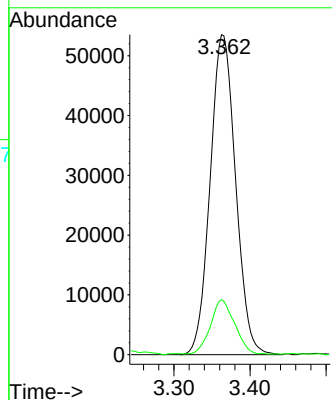
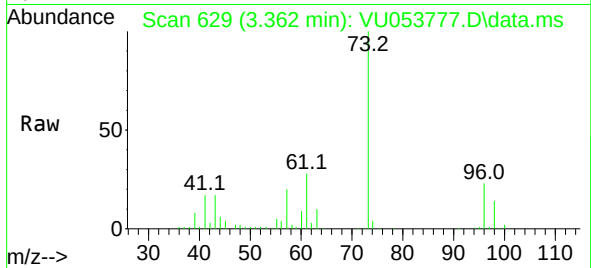




#25
Methyl tert-Butyl Ether
Concen: 6.497 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

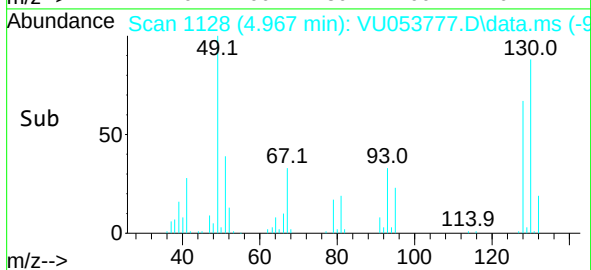
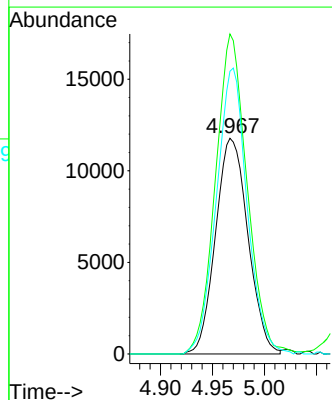
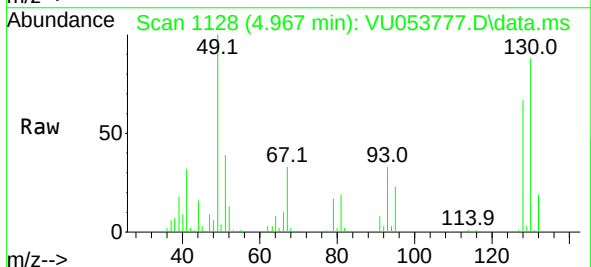
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

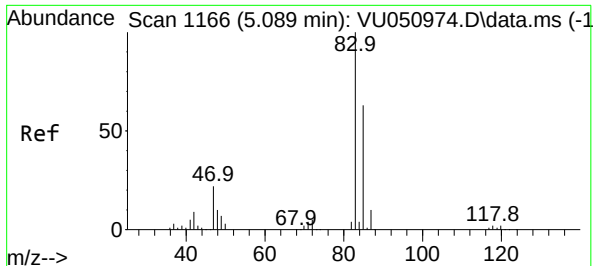
Tgt Ion: 73 Resp: 124339
Ion Ratio Lower Upper
73 100
43 16.0 15.0 22.6



#26
Bromochloromethane
Concen: 6.467 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 128 Resp: 25502
Ion Ratio Lower Upper
128 100
49 144.4 0.0 324.6
130 126.4 103.0 154.4





#27

Chloroform

Concen: 6.394 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

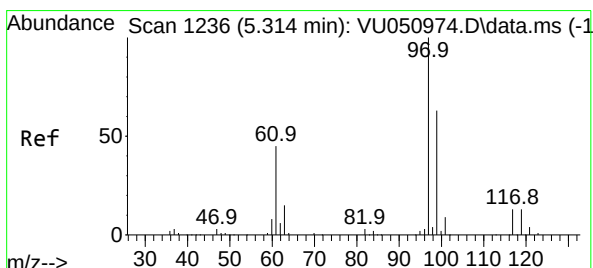
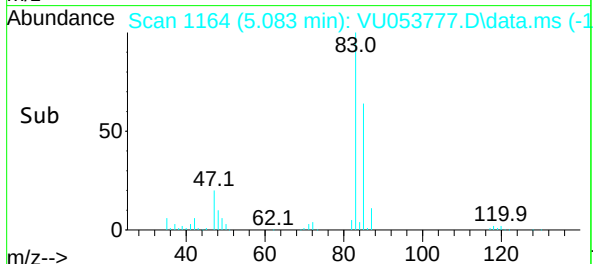
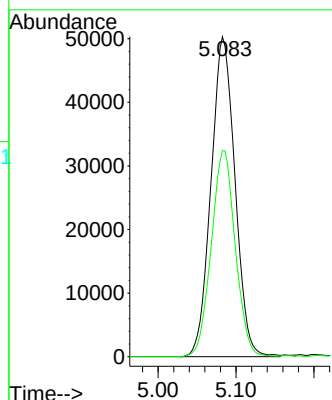
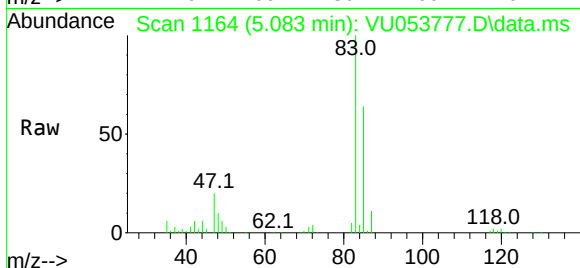
VSTDIC005

Tgt Ion: 83 Resp: 107532

Ion Ratio Lower Upper

83 100

85 64.3 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 6.172 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

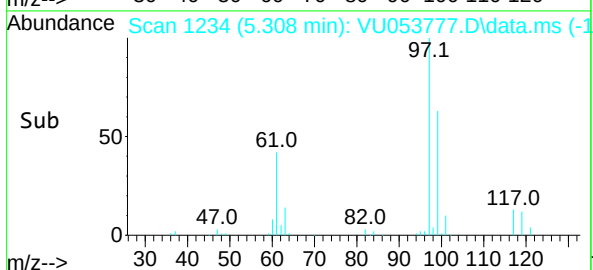
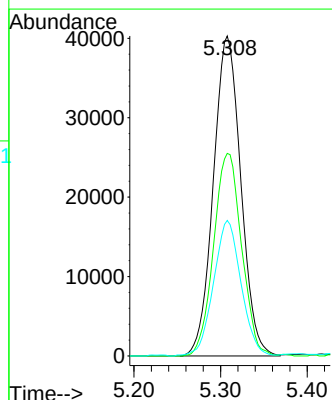
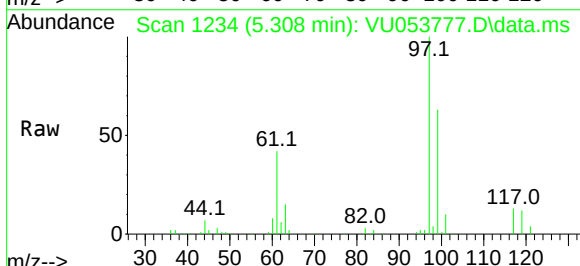
Tgt Ion: 97 Resp: 88835

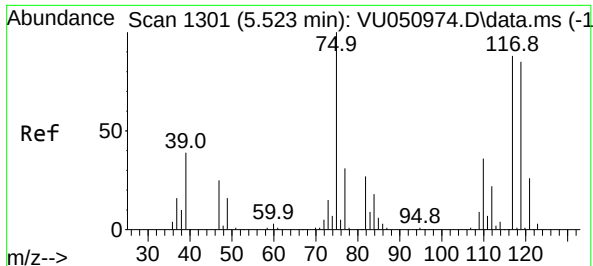
Ion Ratio Lower Upper

97 100

99 64.3 32.0 96.2

61 42.4 22.9 68.5





#29

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

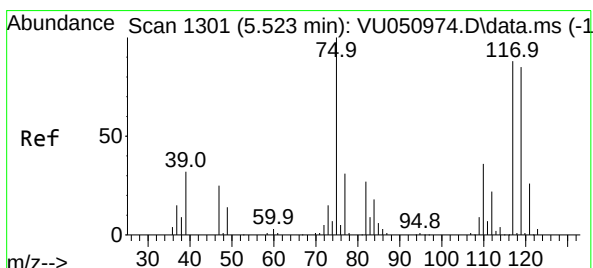
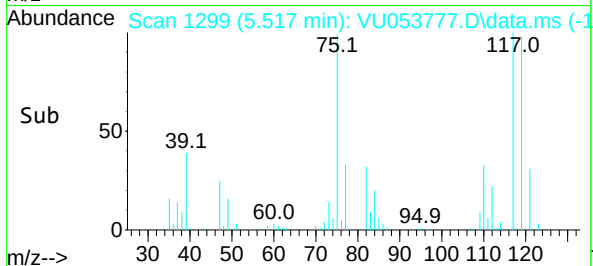
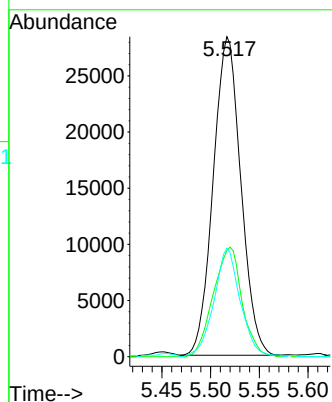
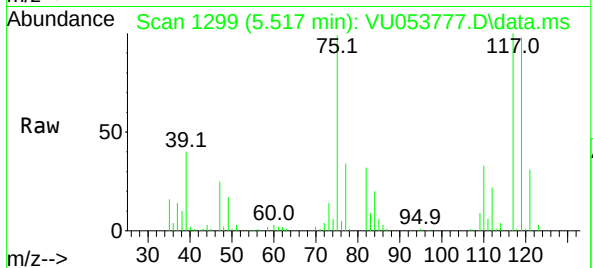
Tgt Ion: 75 Resp: 55829

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

77 32.5 24.7 37.1



#30

Carbon Tetrachloride

Concen: 5.775 ug/l

RT: 5.513 min Scan# 1298

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

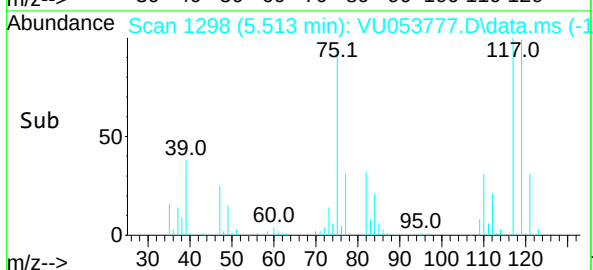
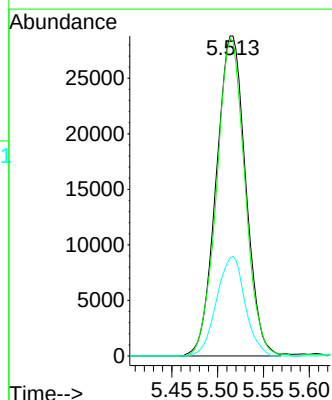
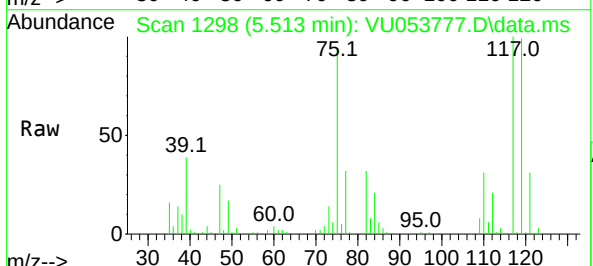
Tgt Ion: 117 Resp: 64322

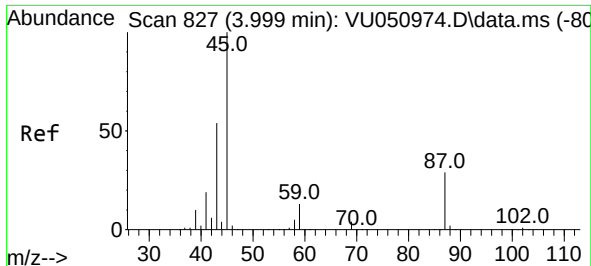
Ion Ratio Lower Upper

117 100

119 99.2 77.4 116.0

121 30.6 24.0 36.0

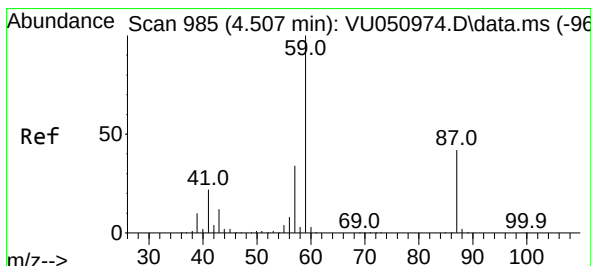
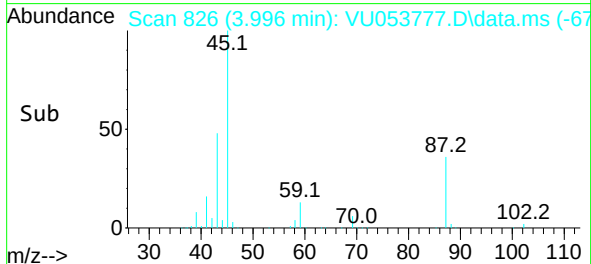
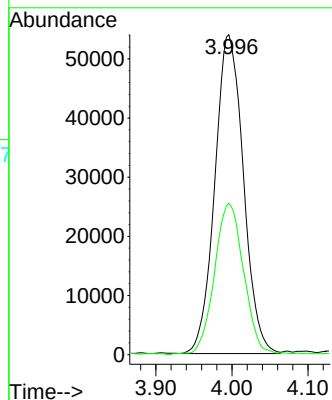
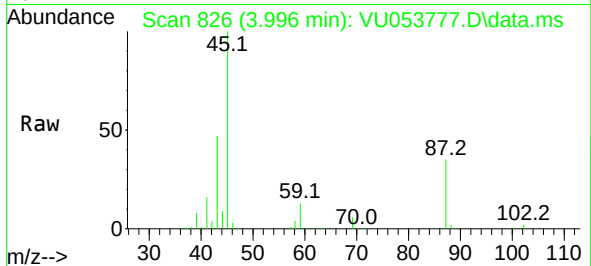




#31
Isopropyl Ether
Concen: 6.322 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

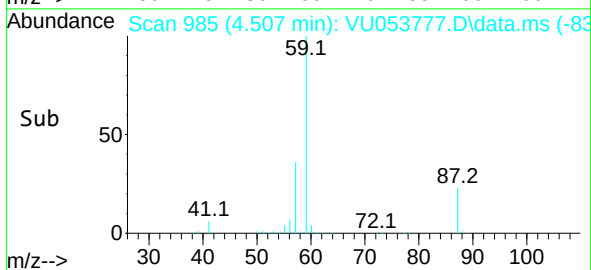
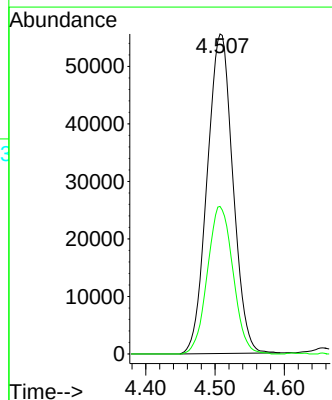
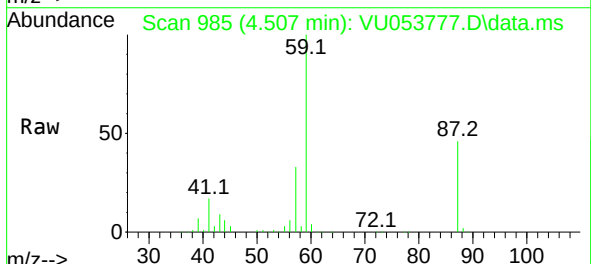
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

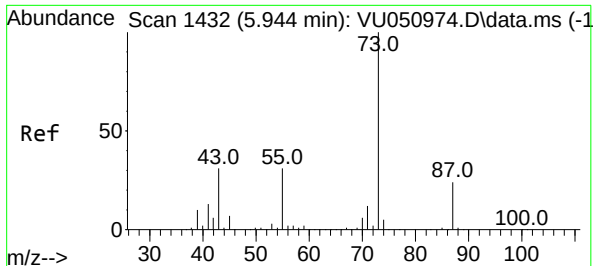
Tgt Ion: 45 Resp: 140636
Ion Ratio Lower Upper
45 100
43 48.7 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 6.257 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 59 Resp: 143010
Ion Ratio Lower Upper
59 100
87 46.0 33.5 50.3



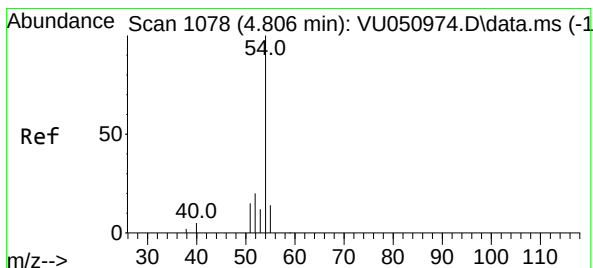
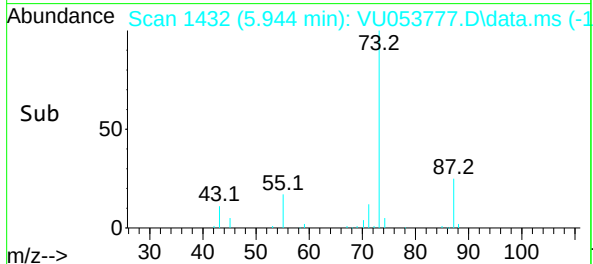
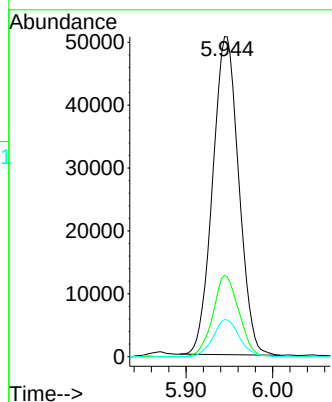
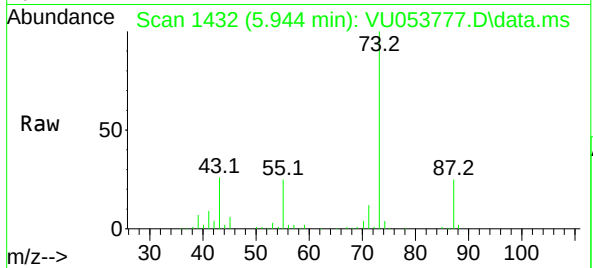


#33
Tert-Amyl methyl ether
Concen: 5.399 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 105847

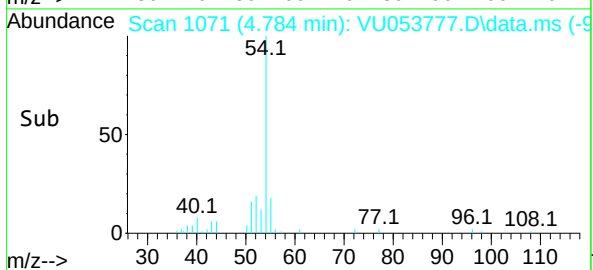
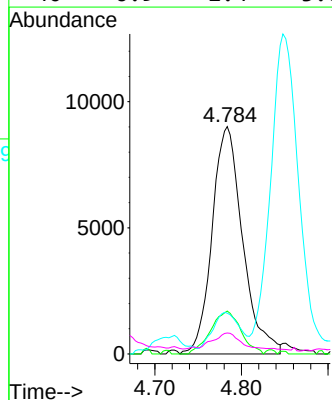
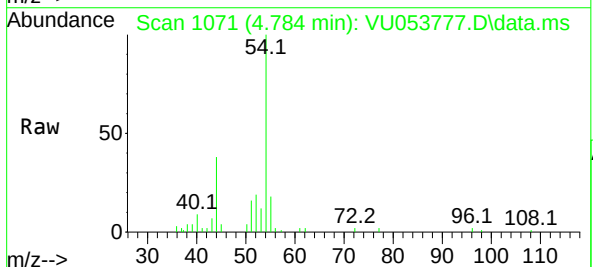
Ion	Ratio	Lower	Upper
73	100		
87	25.4	18.6	28.0
71	11.8	9.9	14.9

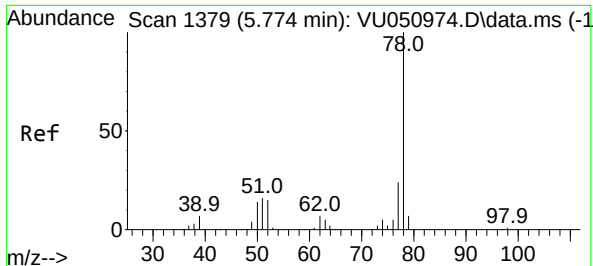


#34
Propionitrile
Concen: 39.085 ug/l
RT: 4.784 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 54 Resp: 22035

Ion	Ratio	Lower	Upper
54	100		
52	18.7	17.4	26.0
55	15.8	104.1	156.1#
40	6.9	2.4	3.6#

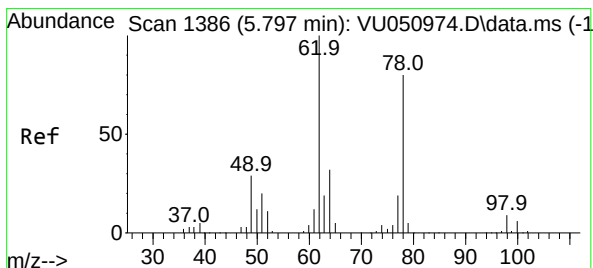
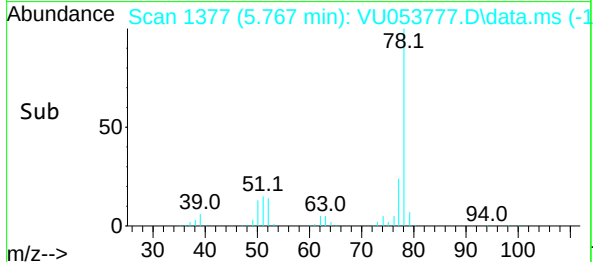
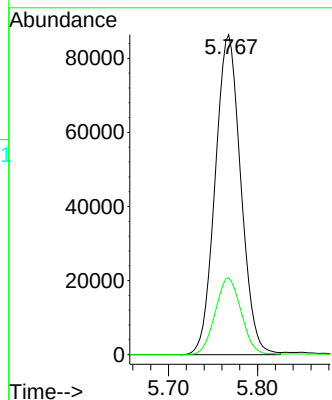
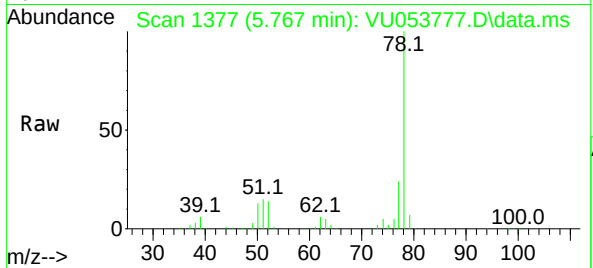




#35
Benzene
Concen: 4.965 ug/l
RT: 5.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

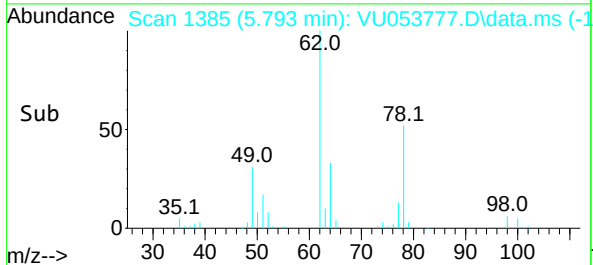
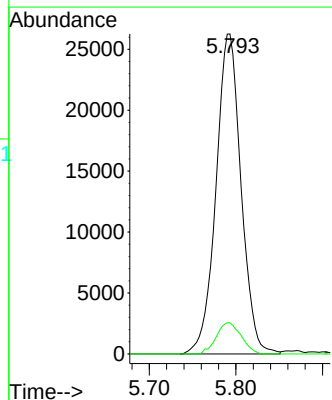
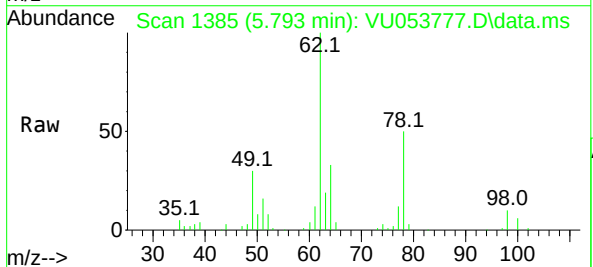
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

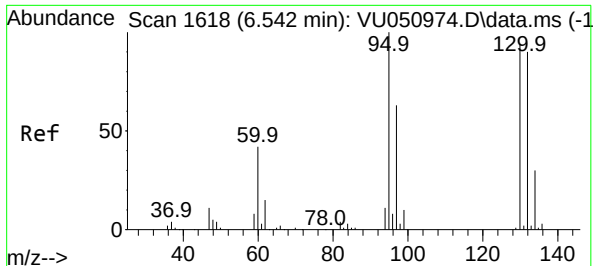
Tgt Ion: 78 Resp: 172700
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



#36
1,2-Dichloroethane
Concen: 5.191 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 62 Resp: 52776
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9





#37

Trichloroethene

Concen: 5.591 ug/l

RT: 6.536 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

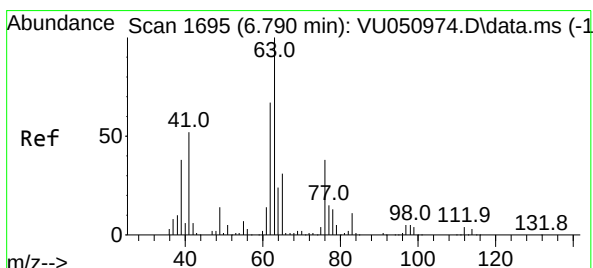
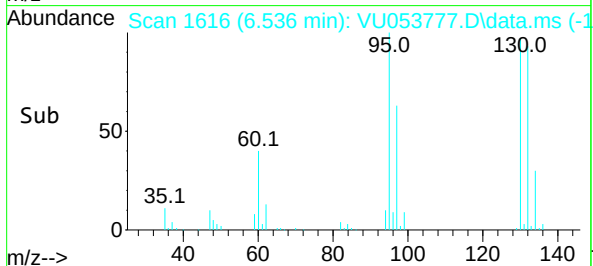
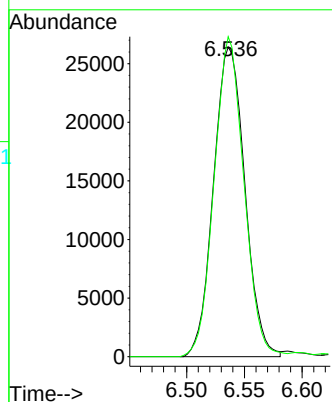
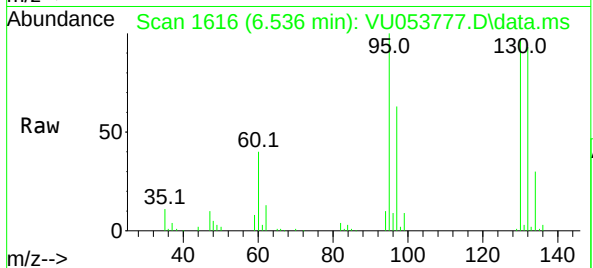
VSTDICC005

Tgt Ion:130 Resp: 49876

Ion Ratio Lower Upper

130 100

95 103.4 85.0 127.6



#38

1,2-Dichloropropane

Concen: 5.662 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053777.D

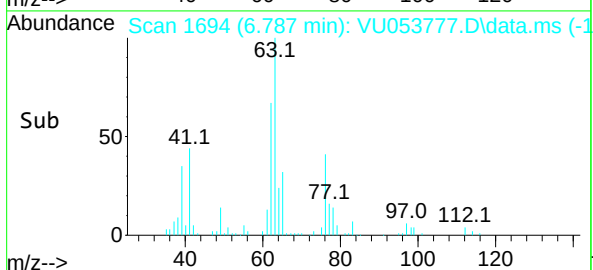
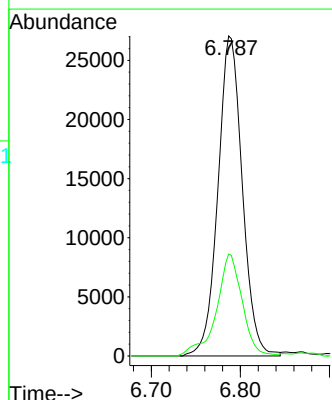
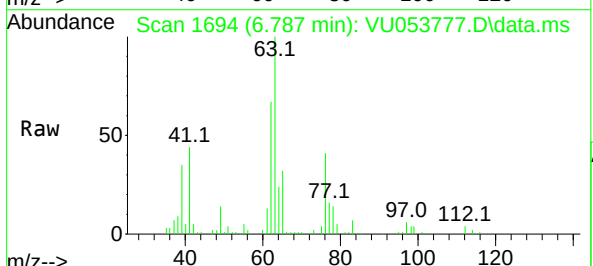
Acq: 19 Apr 2023 11:51

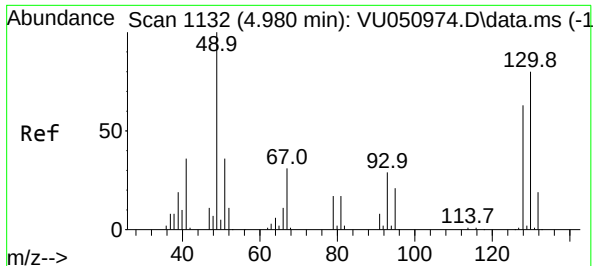
Tgt Ion: 63 Resp: 51403

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3

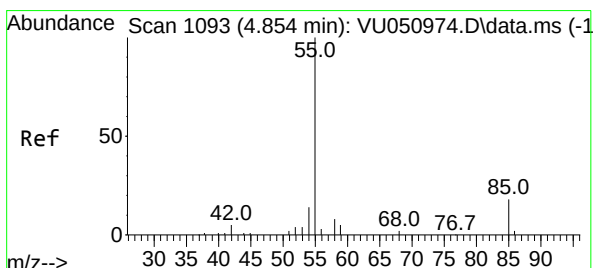
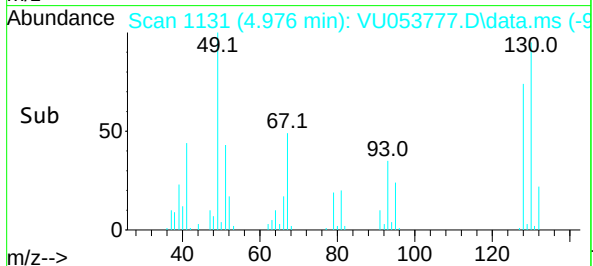
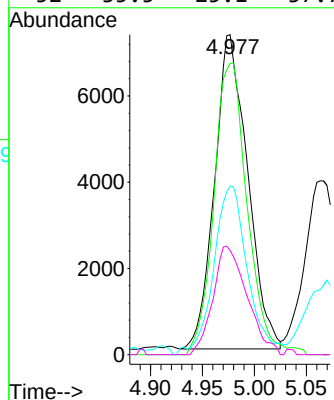
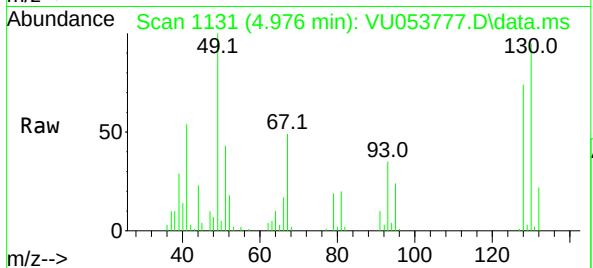




#39
Methacrylonitrile
Concen: 6.885 ug/l
RT: 4.976 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

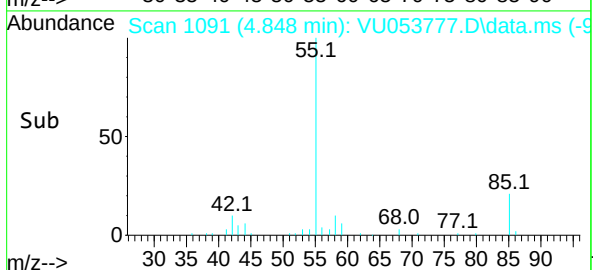
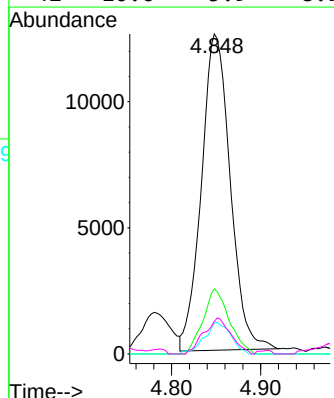
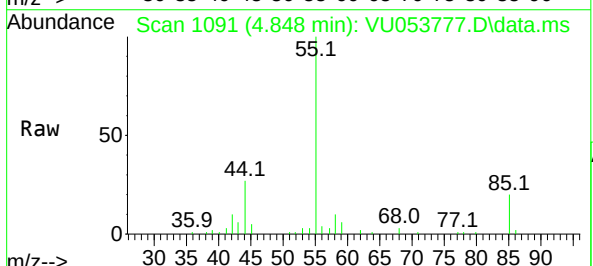
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

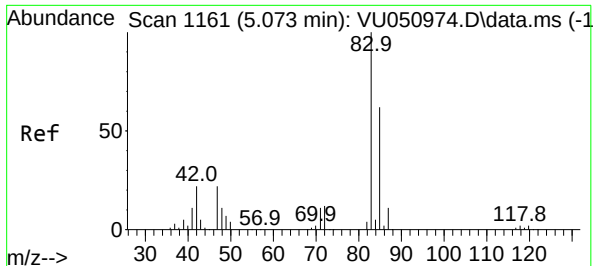
Tgt Ion:	41	Resp:	16096
Ion	Ratio	Lower	Upper
41	100		
67	94.2	66.8	100.2
39	55.3	41.2	61.8
52	35.5	25.1	37.7



#40
Methyl acrylate
Concen: 6.612 ug/l
RT: 4.848 min Scan# 1091
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:	55	Resp:	28216
Ion	Ratio	Lower	Upper
55	100		
85	18.6	13.3	19.9
58	9.1	6.5	9.7
42	10.6	5.9	8.9





#41

Tetrahydrofuran

Concen: 13.258 ug/l

RT: 5.067 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

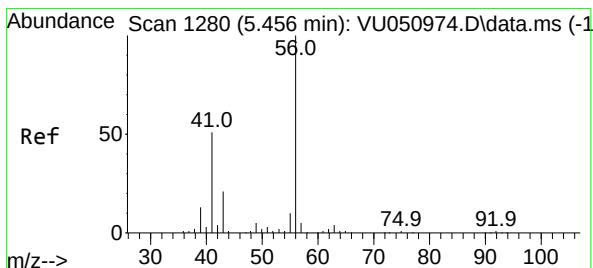
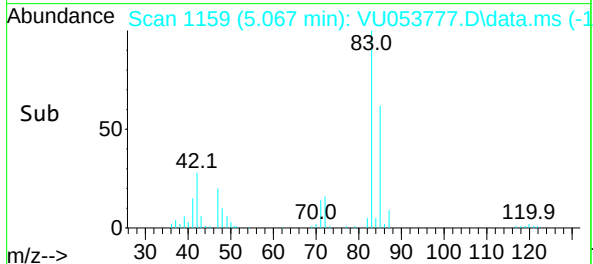
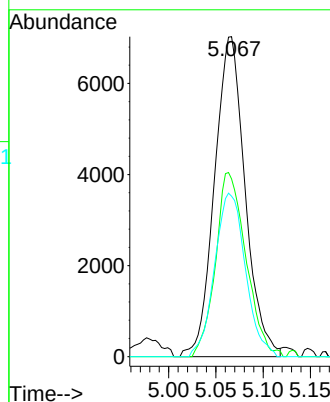
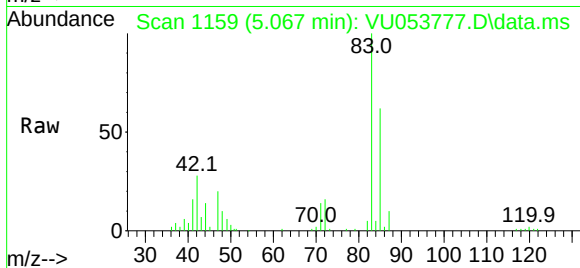
Tgt Ion: 42 Resp: 15832

Ion Ratio Lower Upper

42 100

72 57.3 40.9 61.3

71 51.4 36.9 55.3



#42

1-Chlorobutane

Concen: 4.878 ug/l

RT: 5.449 min Scan# 1278

Delta R.T. -0.000 min

Lab File: VU053777.D

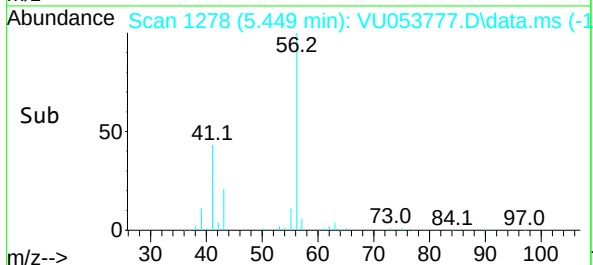
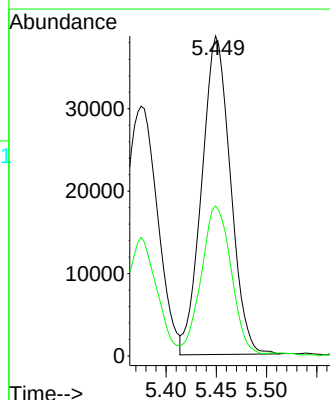
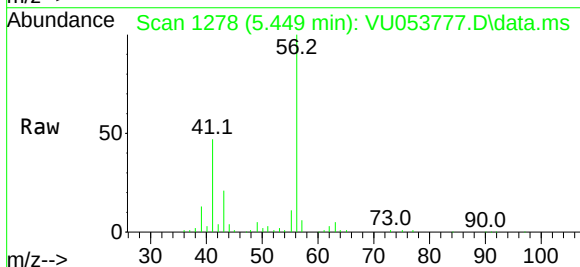
Acq: 19 Apr 2023 11:51

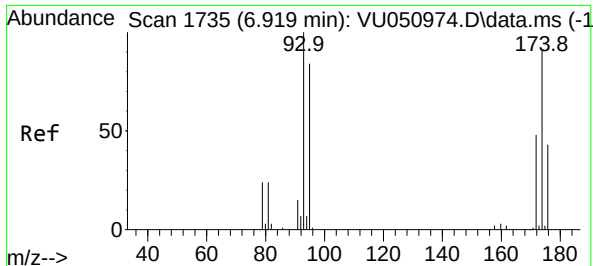
Tgt Ion: 56 Resp: 76711

Ion Ratio Lower Upper

56 100

41 48.2 25.2 75.6

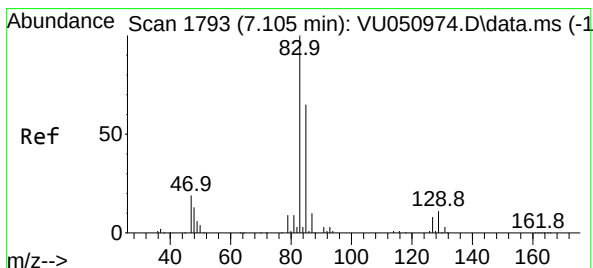
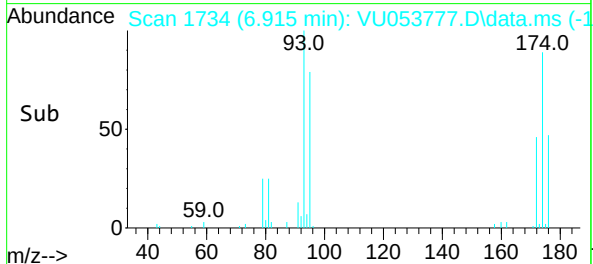
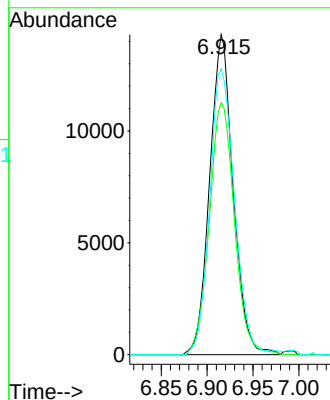
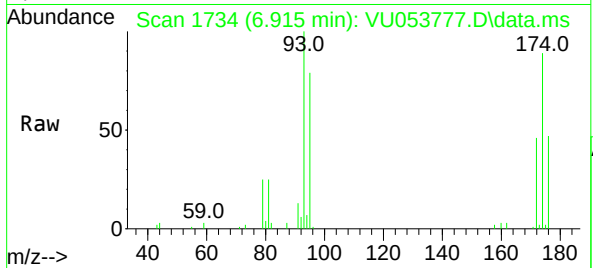




#43
Dibromomethane
Concen: 5.873 ug/l
RT: 6.915 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

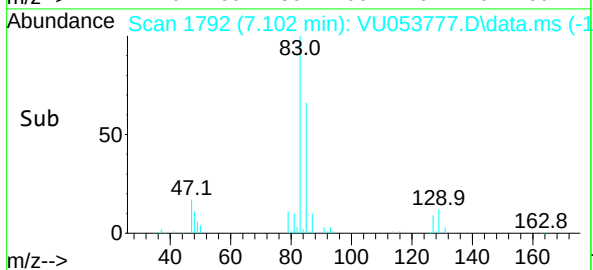
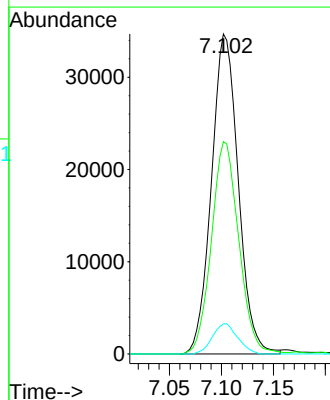
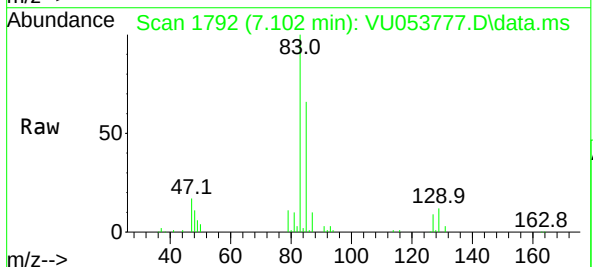
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

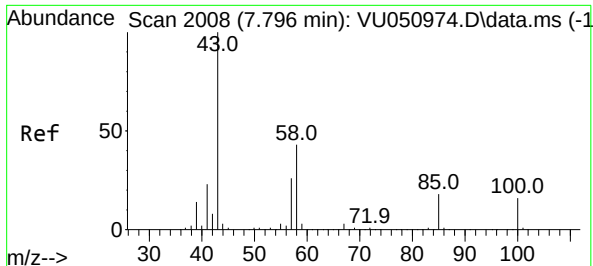
Tgt Ion: 93 Resp: 25562
Ion Ratio Lower Upper
93 100
95 83.8 67.0 100.6
174 93.5 73.8 110.6



#44
Bromodichloromethane
Concen: 5.714 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 83 Resp: 62294
Ion Ratio Lower Upper
83 100
85 66.4 51.9 77.9
127 9.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 27.713 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

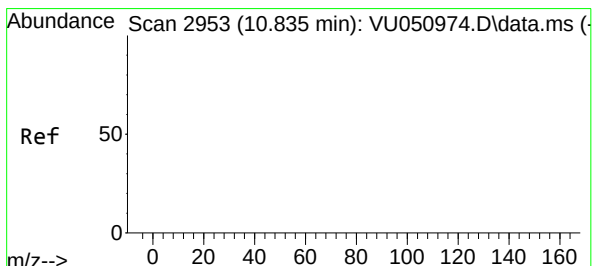
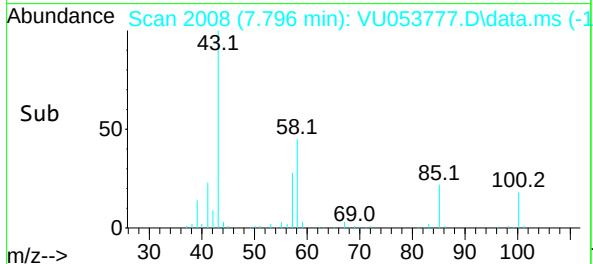
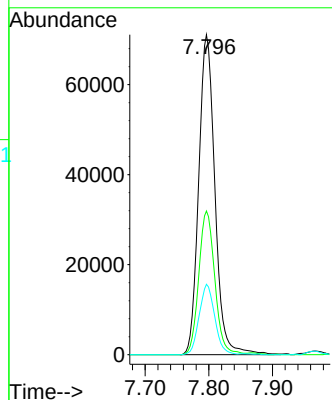
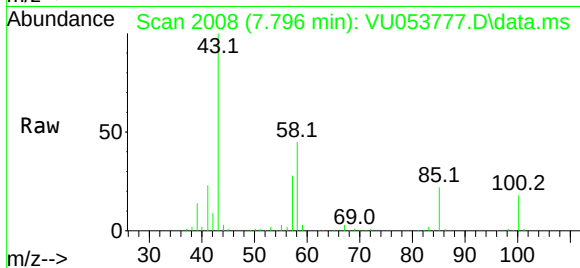
Tgt Ion: 43 Resp: 126064

Ion Ratio Lower Upper

43 100

58 44.4 20.9 62.8

85 21.1 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 24.765 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.010 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Tgt Ion: 75 Resp: 60900

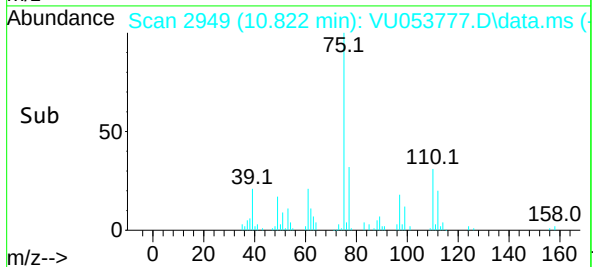
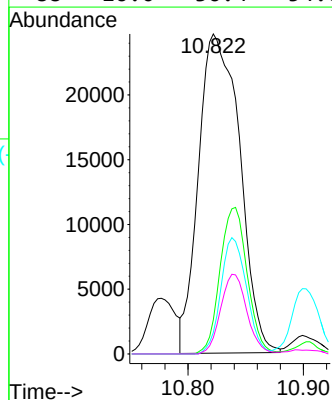
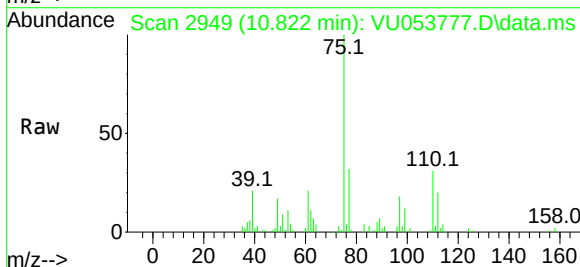
Ion Ratio Lower Upper

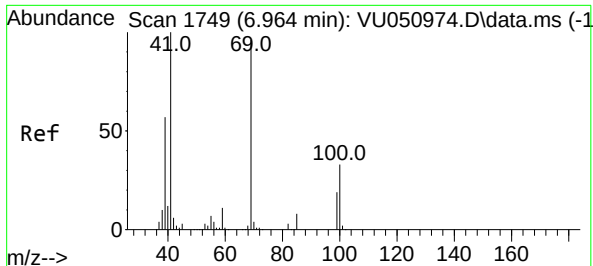
75 100

53 30.4 73.3 109.9#

89 22.8 48.2 72.4#

88 16.0 36.4 54.6#





#47

Methyl methacrylate

Concen: 10.973 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 43987

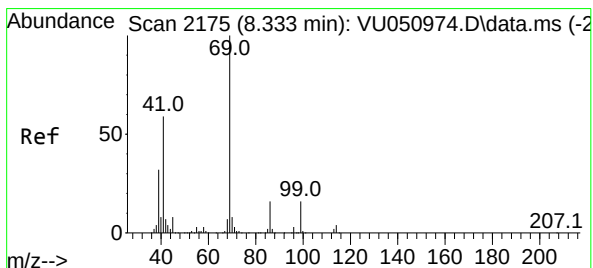
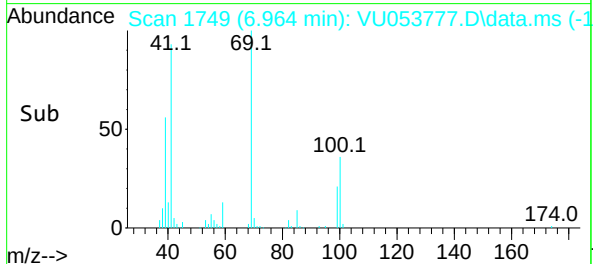
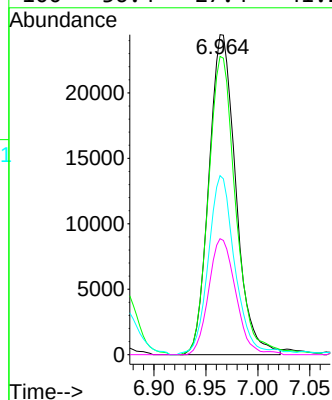
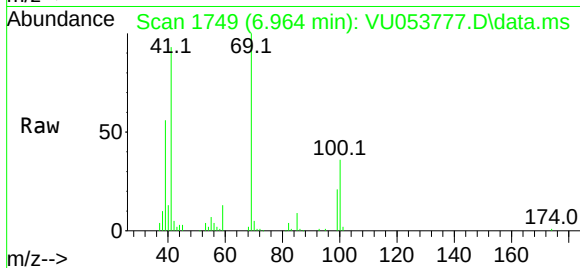
Ion Ratio Lower Upper

69 100

41 95.3 0.0 209.2

39 54.8 46.7 70.1

100 36.4 27.4 41.2



#48

Ethyl methacrylate

Concen: 5.509 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU053777.D

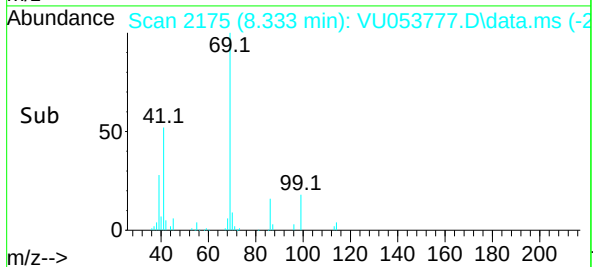
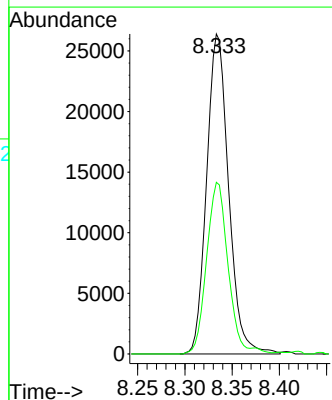
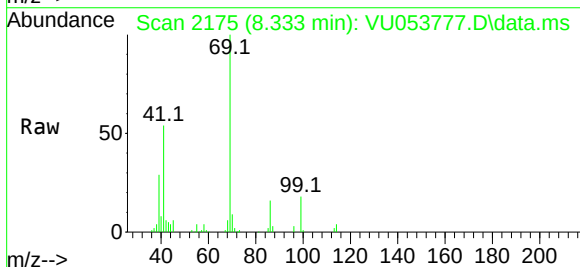
Acq: 19 Apr 2023 11:51

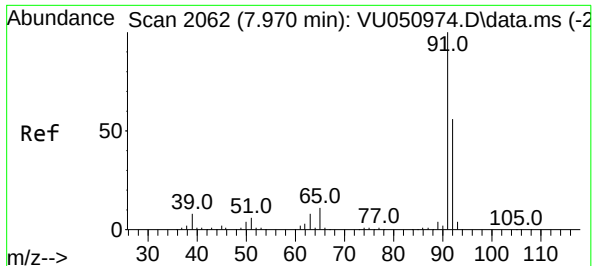
Tgt Ion: 69 Resp: 42673

Ion Ratio Lower Upper

69 100

41 52.6 30.3 90.8





#49

Toluene

Concen: 5.205 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

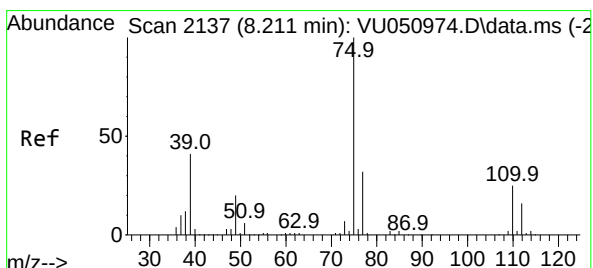
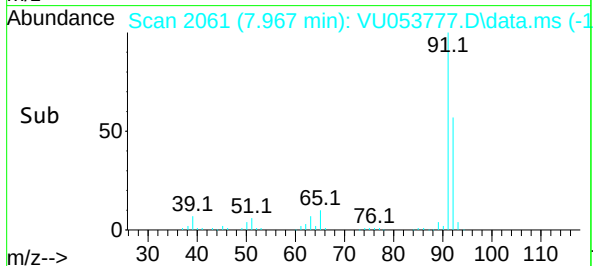
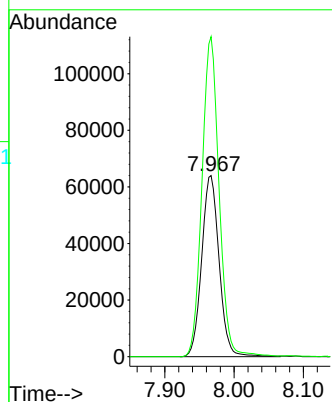
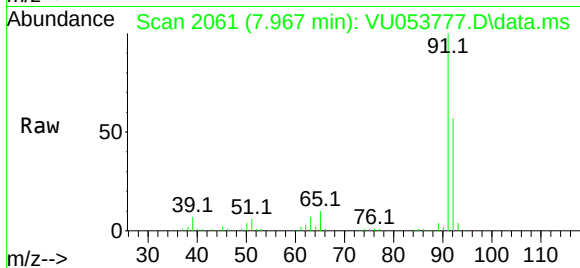
VSTDIC005

Tgt Ion: 92 Resp: 111736

Ion Ratio Lower Upper

92 100

91 173.7 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 5.780 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053777.D

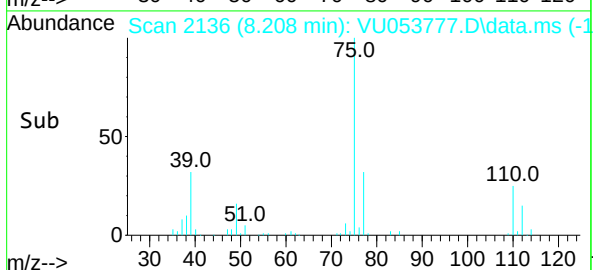
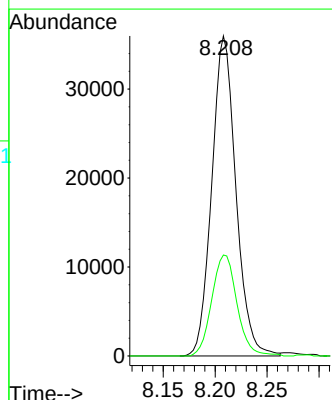
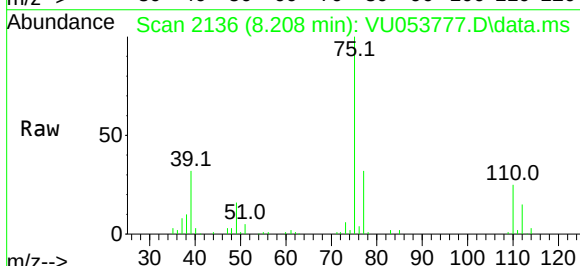
Acq: 19 Apr 2023 11:51

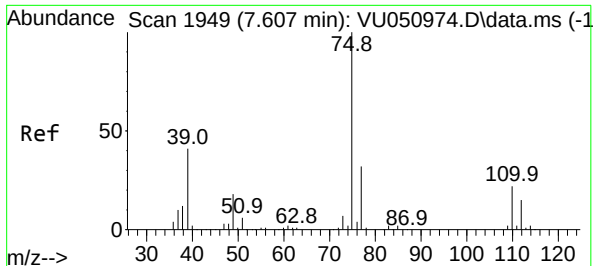
Tgt Ion: 75 Resp: 58169

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

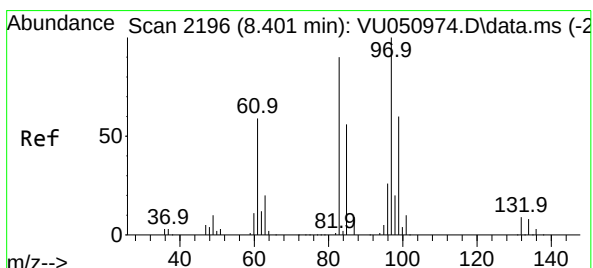
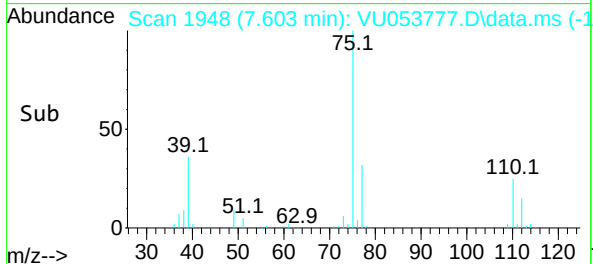
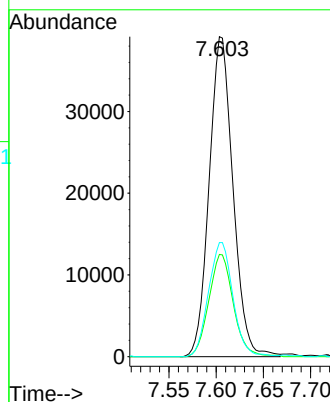
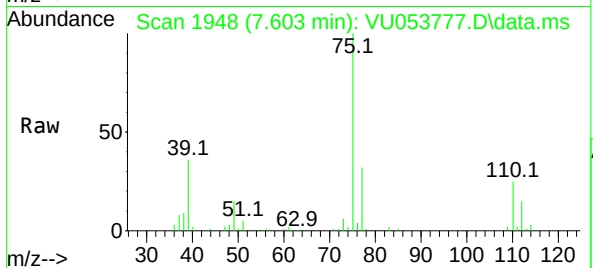




#51
cis-1,3-Dichloropropene
Concen: 5.539 ug/l
RT: 7.603 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

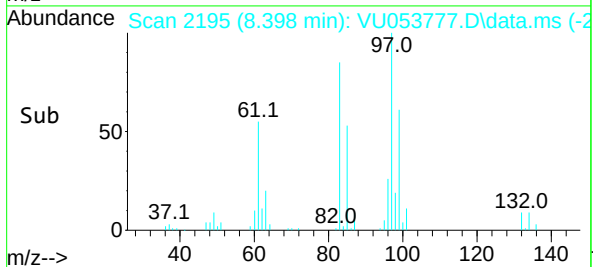
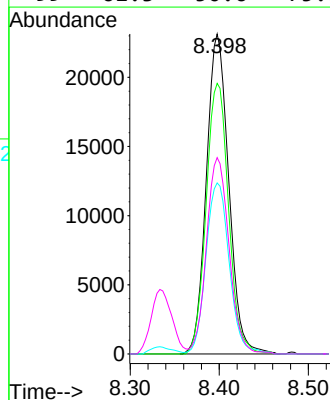
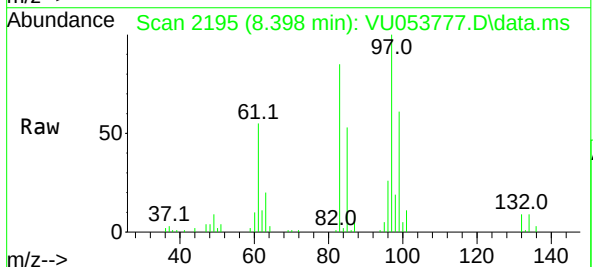
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

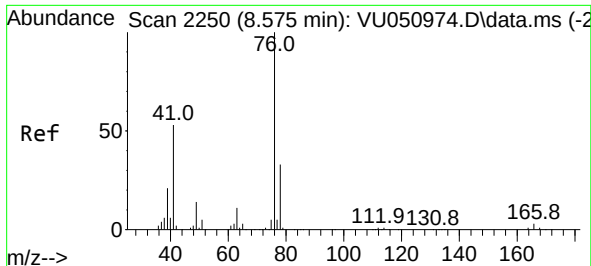
Tgt Ion:	75	Resp:	68534
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5
39	35.6	32.8	49.2



#52
1,1,2-Trichloroethane
Concen: 6.262 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:	97	Resp:	40374
Ion	Ratio	Lower	Upper
97	100		
83	84.5	71.8	107.8
85	53.5	45.2	67.8
99	61.3	50.6	75.8





#53

1,3-Dichloropropane

Concen: 5.812 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

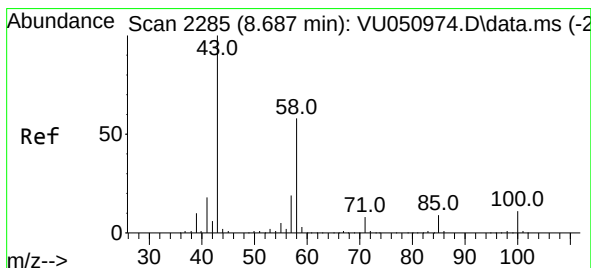
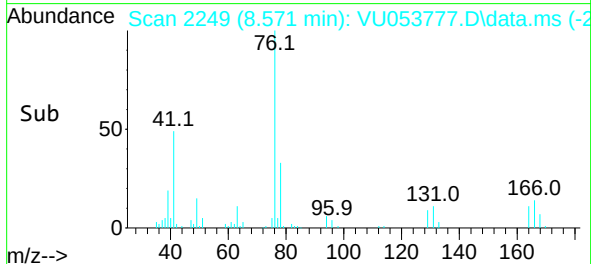
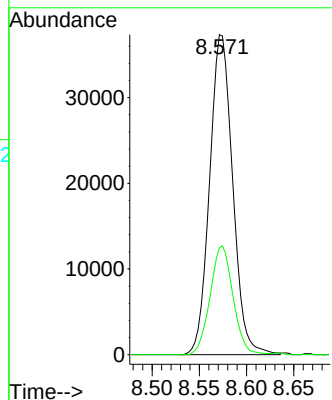
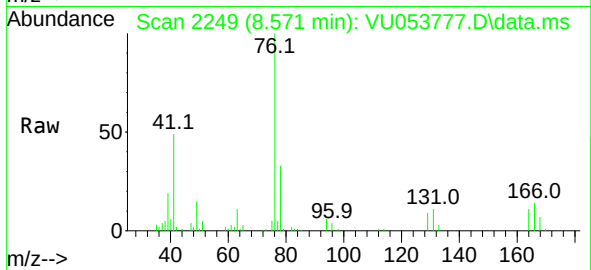
VSTDIC005

Tgt Ion: 76 Resp: 63456

Ion Ratio Lower Upper

76 100

78 33.7 25.9 38.9



#54

2-Hexanone

Concen: 23.571 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

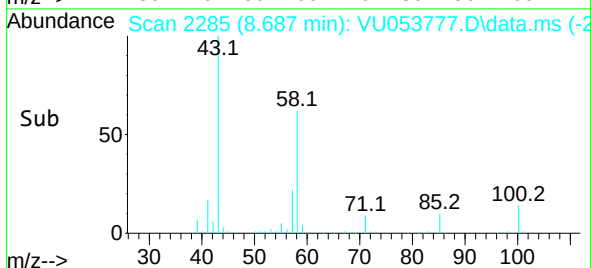
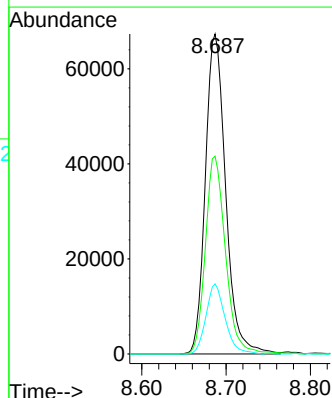
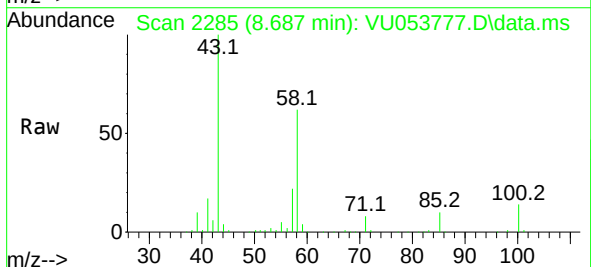
Tgt Ion: 43 Resp: 112946

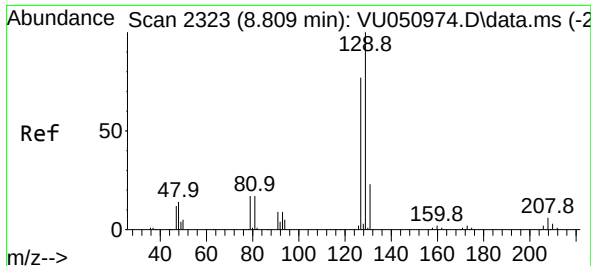
Ion Ratio Lower Upper

43 100

58 61.4 38.2 78.2

57 20.6 0.0 39.1





#55

Dibromochloromethane

Concen: 6.356 ug/l

RT: 8.806 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

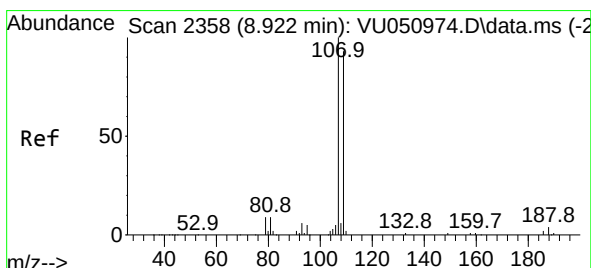
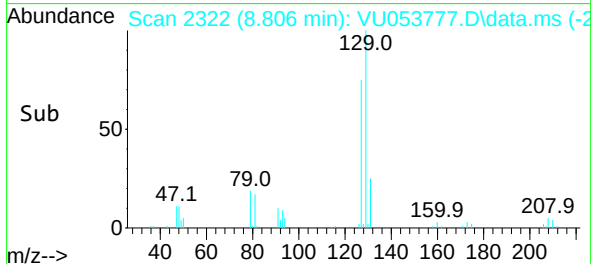
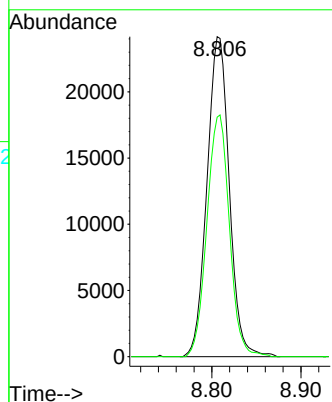
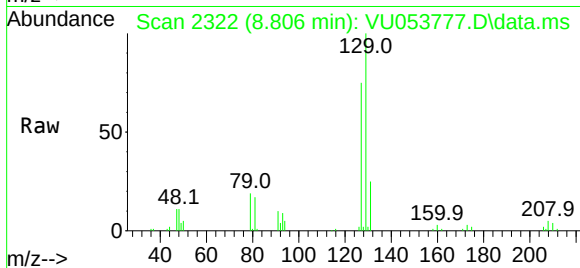
VSTDIC005

Tgt Ion:129 Resp: 41996

Ion Ratio Lower Upper

129 100

127 76.2 61.4 92.0



#56

1,2-Dibromoethane

Concen: 5.960 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU053777.D

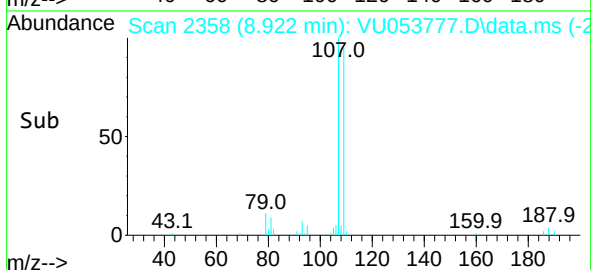
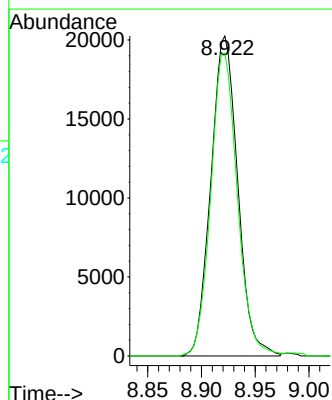
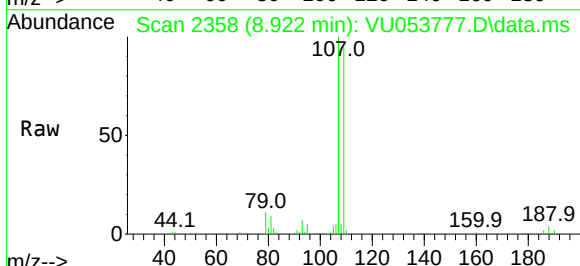
Acq: 19 Apr 2023 11:51

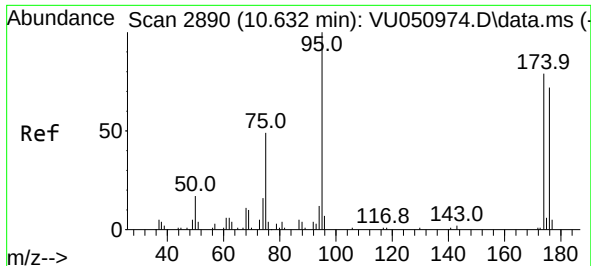
Tgt Ion:107 Resp: 35161

Ion Ratio Lower Upper

107 100

109 93.7 0.0 184.4

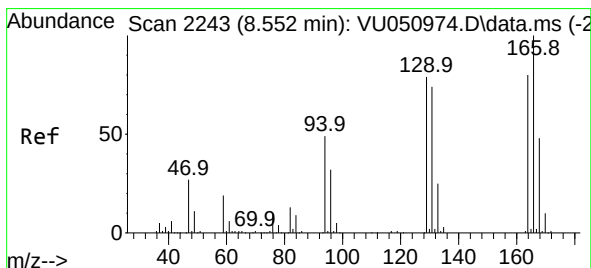
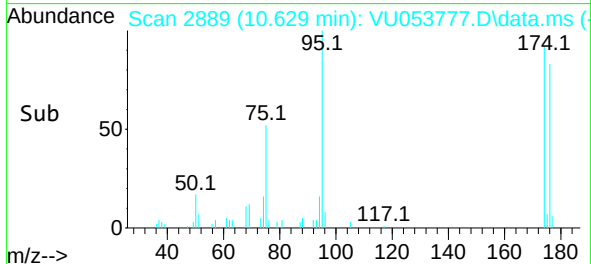
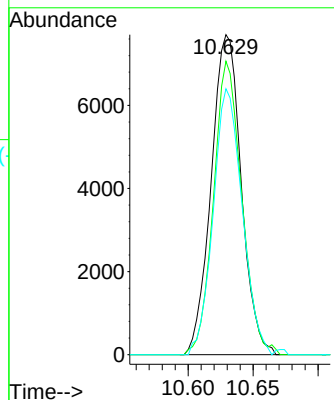
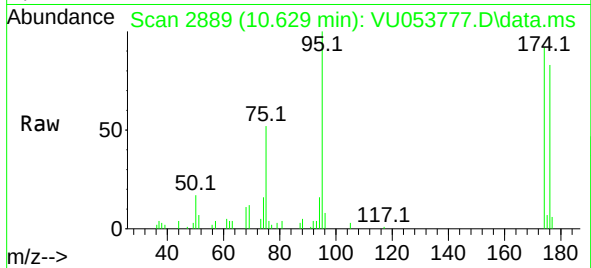




#57
4-Bromofluorobenzene
Concen: 1.087 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

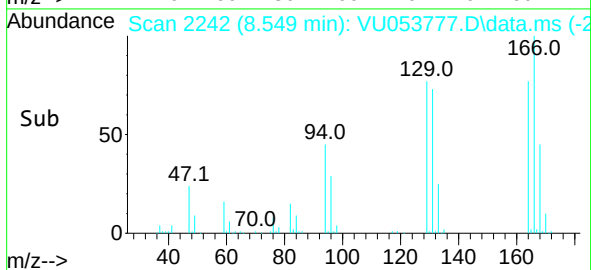
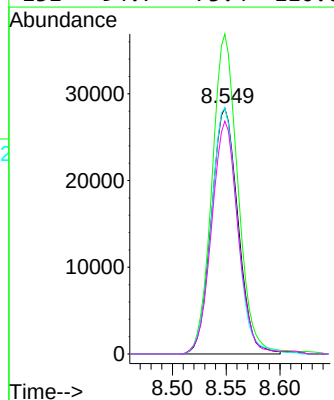
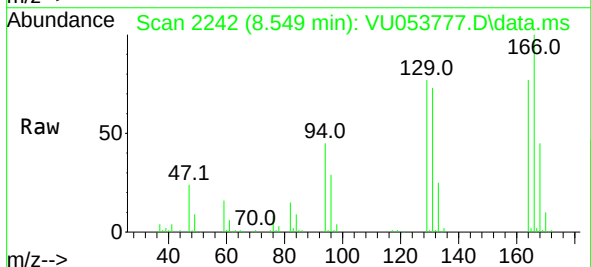
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

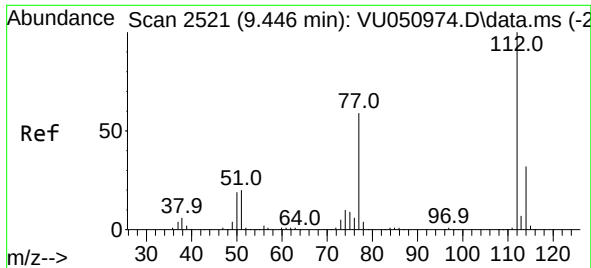
Tgt Ion: 95 Resp: 12376
Ion Ratio Lower Upper
95 100
174 86.1 63.3 94.9
176 80.3 59.3 88.9



#58
Tetrachloroethene
Concen: 5.823 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 164 Resp: 48715
Ion Ratio Lower Upper
164 100
166 130.2 99.6 149.4
129 100.1 78.6 117.8
131 94.7 73.4 110.0





#59

Chlorobenzene

Concen: 5.615 ug/l

RT: 9.443 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

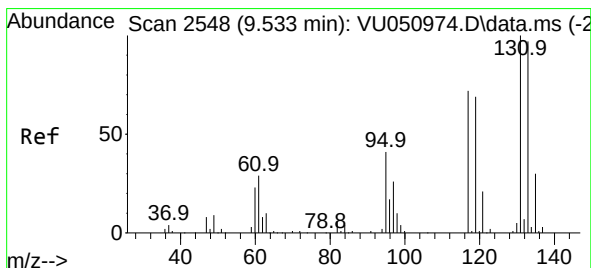
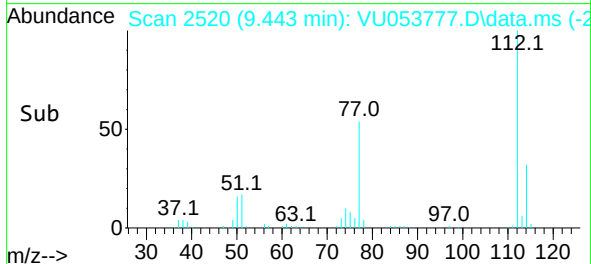
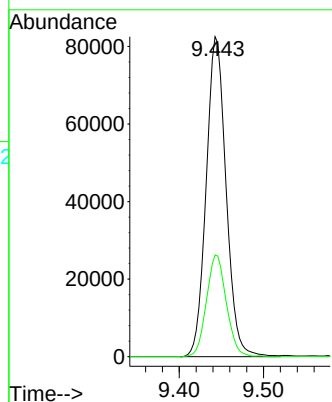
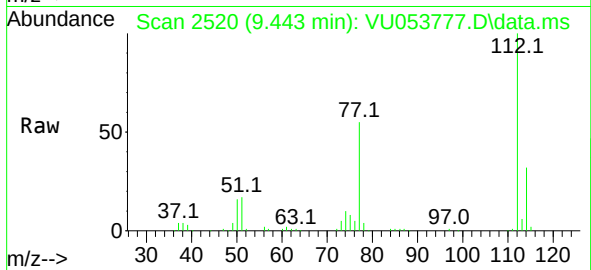
VSTDIC005

Tgt Ion:112 Resp: 135638

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 6.675 ug/l

RT: 9.529 min Scan# 2547

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

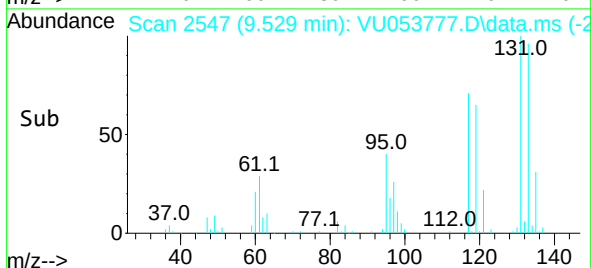
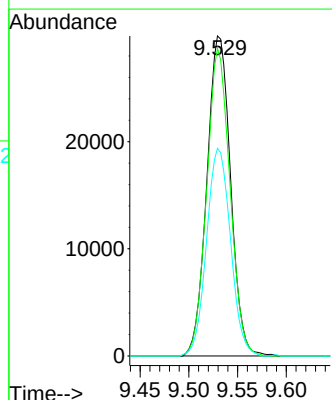
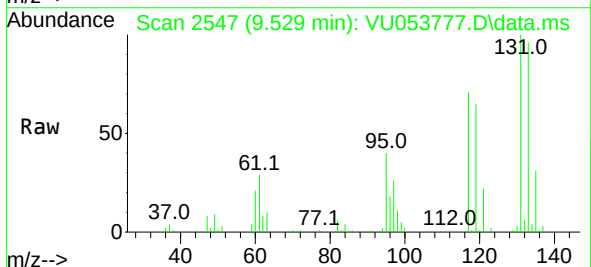
Tgt Ion:131 Resp: 50562

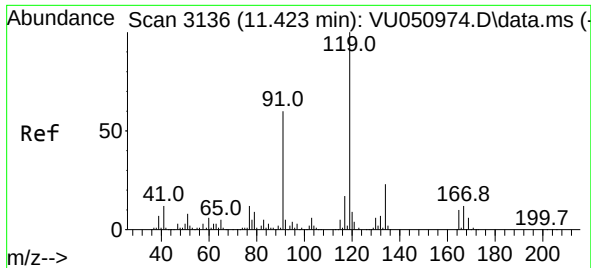
Ion Ratio Lower Upper

131 100

133 94.2 77.8 116.6

119 65.6 55.2 82.8

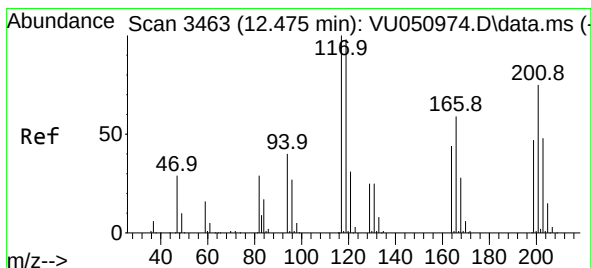
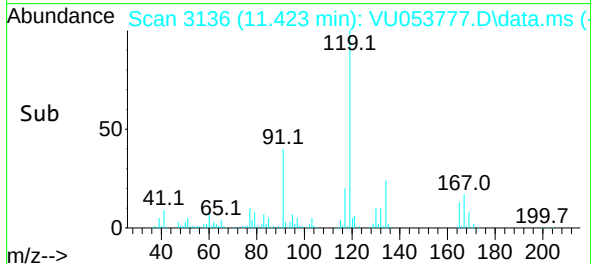
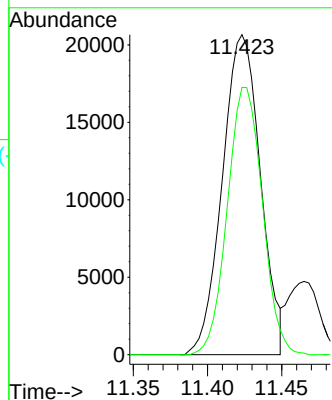
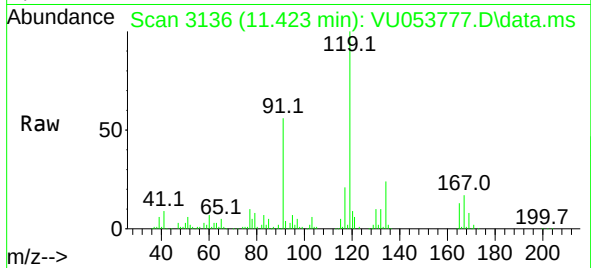




#61
Pentachloroethane
Concen: 6.717 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

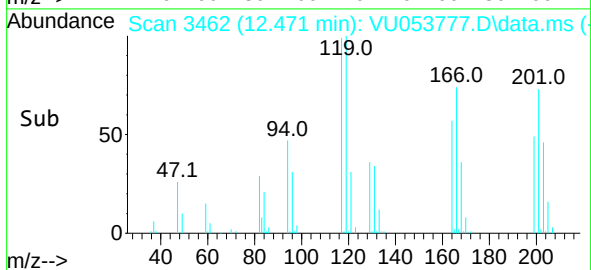
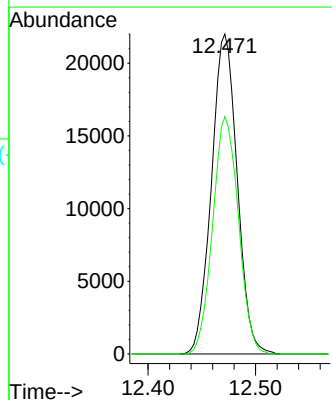
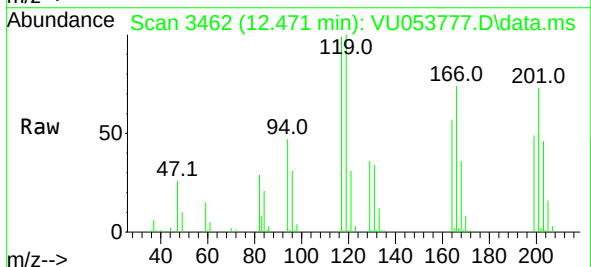
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

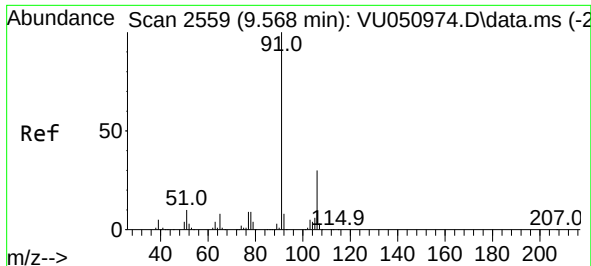
Tgt Ion:117 Resp: 36888
Ion Ratio Lower Upper
117 100
167 77.0 56.7 85.1



#62
Hexachloroethane
Concen: 6.095 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:117 Resp: 36603
Ion Ratio Lower Upper
117 100
201 74.2 59.6 89.4

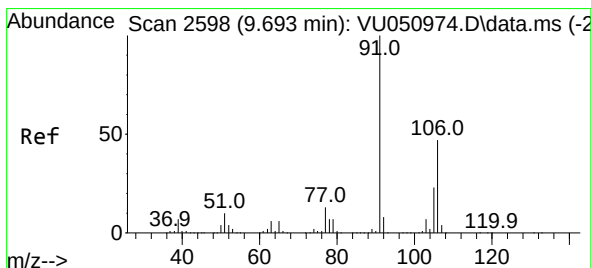
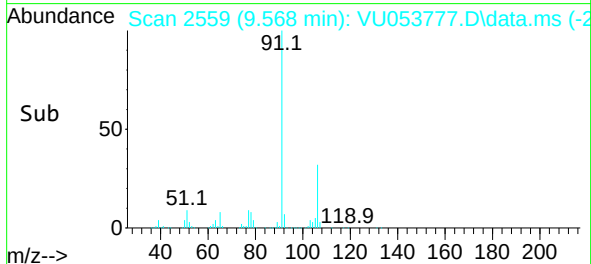
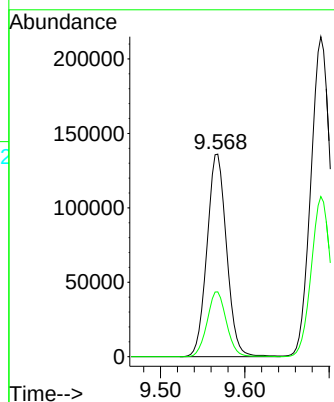
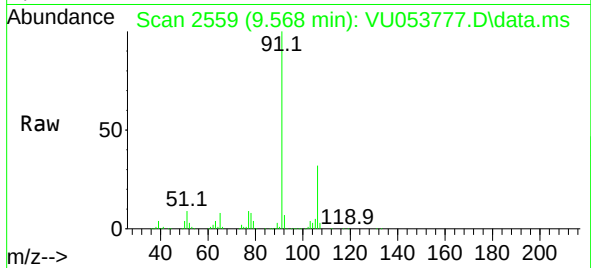




#63
Ethyl Benzene
Concen: 5.272 ug/l
RT: 9.568 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

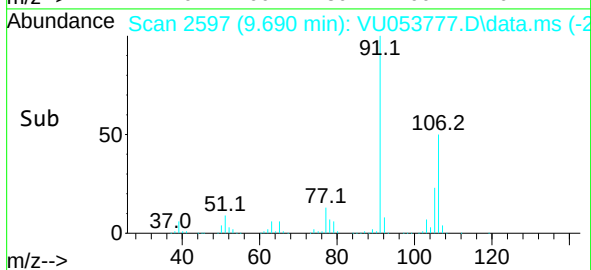
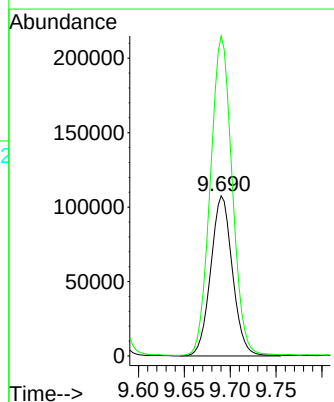
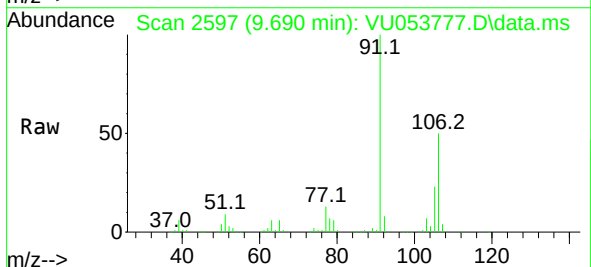
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

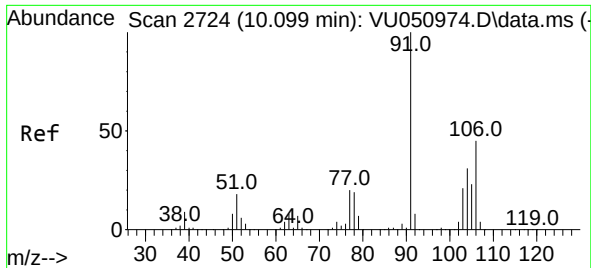
Tgt Ion: 91 Resp: 220082
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.2



#64
m/p-Xylenes
Concen: 11.032 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:106 Resp: 177066
Ion Ratio Lower Upper
106 100
91 200.5 167.3 250.9

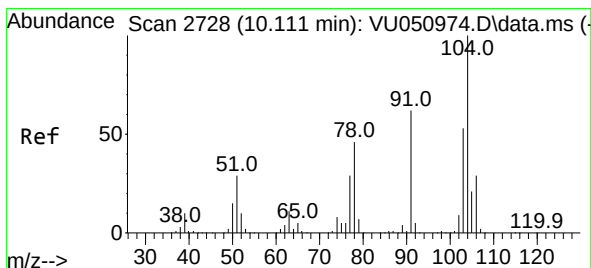
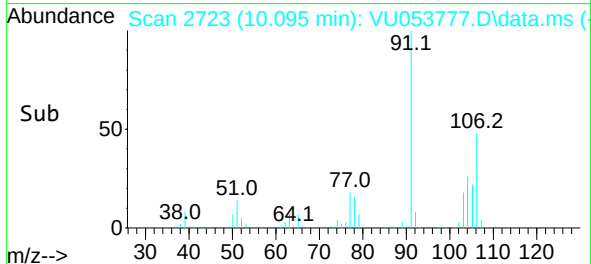
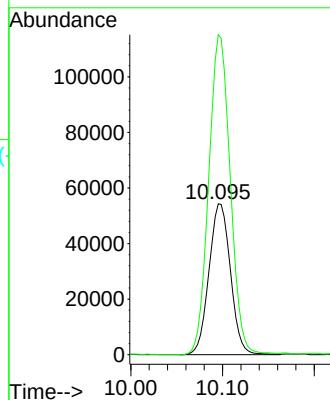
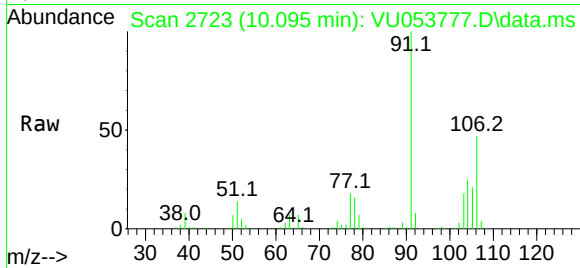




#65
o-Xylene
Concen: 5.589 ug/l
RT: 10.095 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

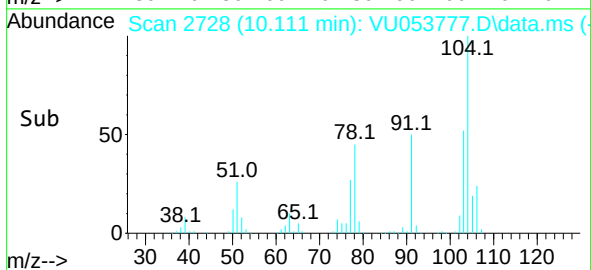
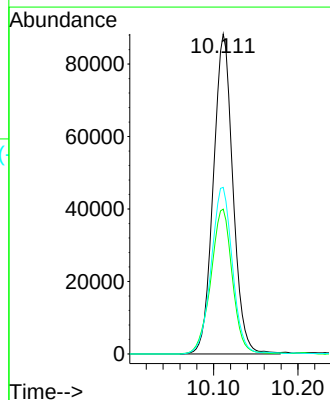
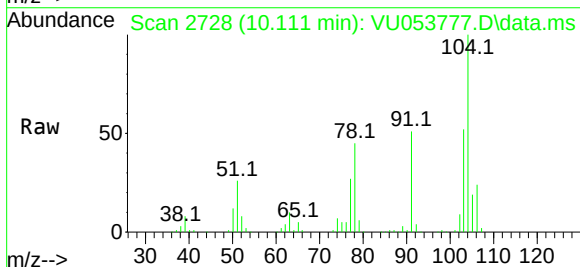
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

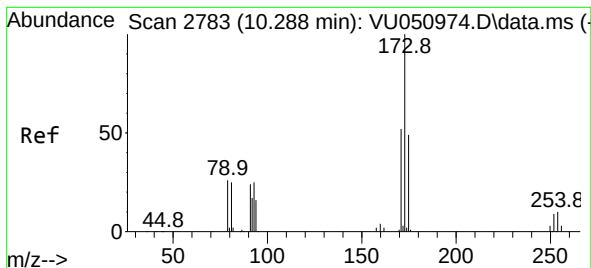
Tgt Ion:106 Resp: 88330
Ion Ratio Lower Upper
106 100
91 212.7 109.3 327.9



#66
Styrene
Concen: 5.841 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:104 Resp: 142655
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 56.3 44.8 67.2





#67

Bromoform

Concen: 7.069 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

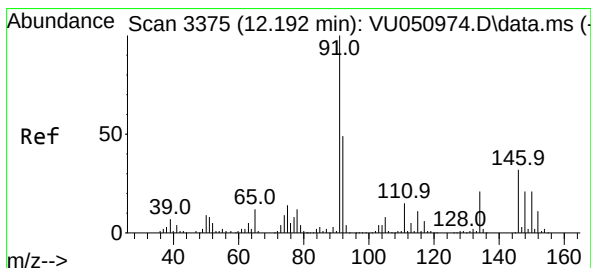
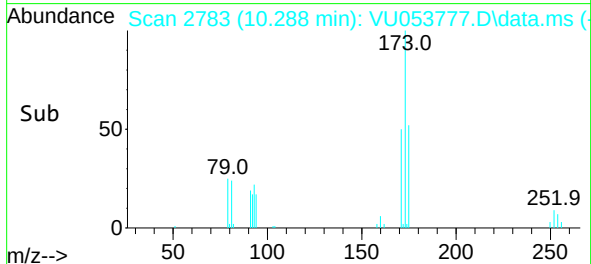
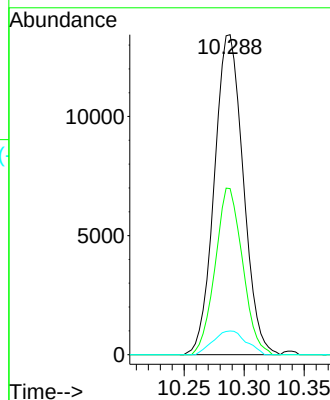
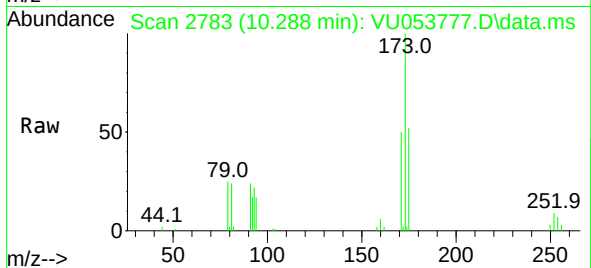
Tgt Ion:173 Resp: 22491

Ion Ratio Lower Upper

173 100

175 49.3 39.0 58.6

254 8.4 7.4 11.0



#68

1,2-Dichlorobenzene-d4

Concen: 1.241 ug/l

RT: 12.188 min Scan# 3374

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

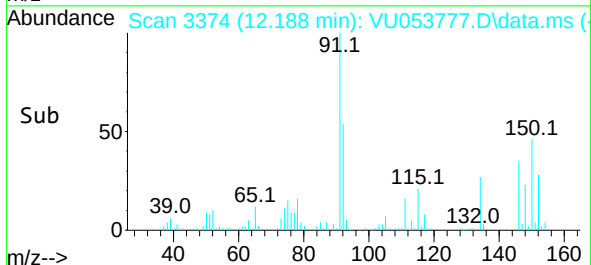
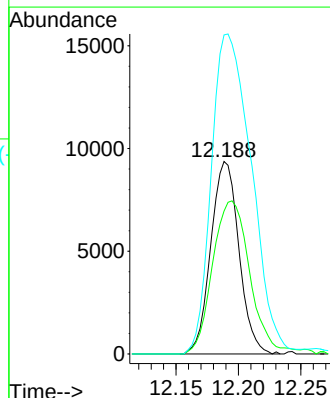
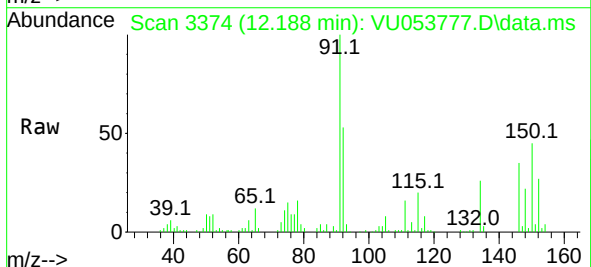
Tgt Ion:152 Resp: 14733

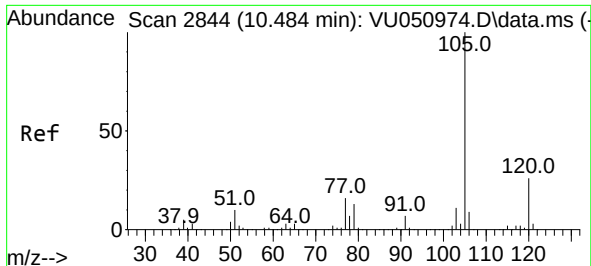
Ion Ratio Lower Upper

152 100

115 105.9 0.0 308.8

150 235.9 0.0 635.0





#69

Isopropylbenzene

Concen: 5.556 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

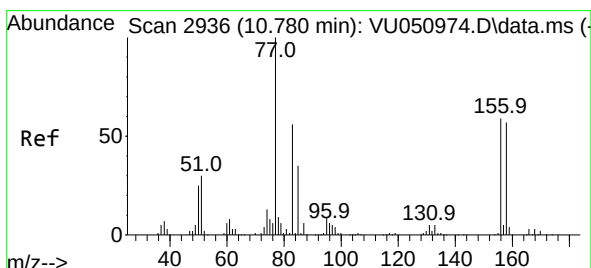
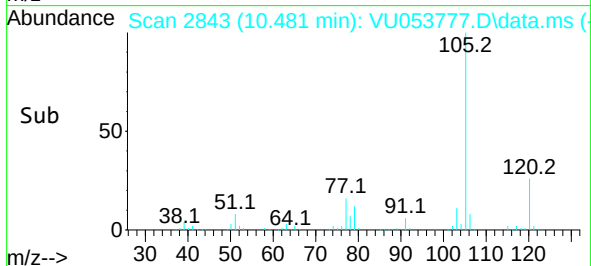
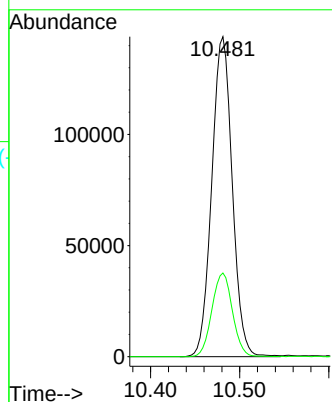
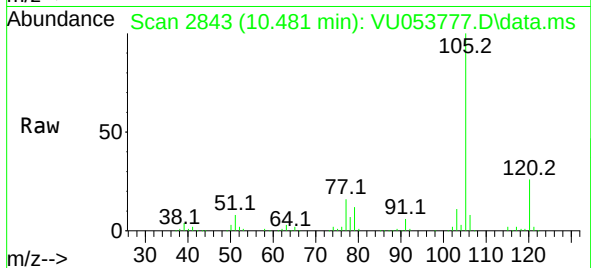
VSTDIC005

Tgt Ion:105 Resp: 229789

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 6.333 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

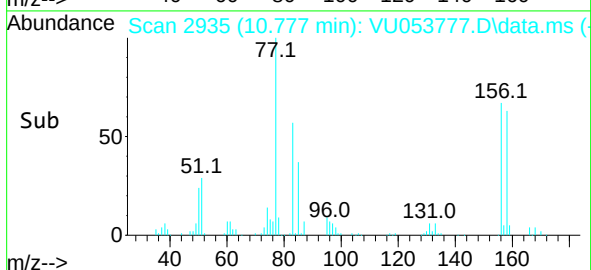
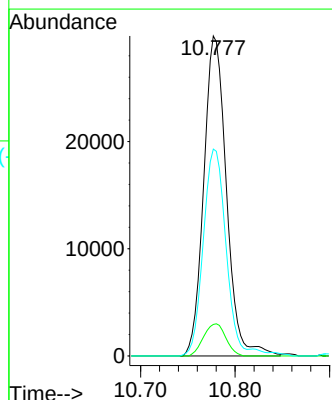
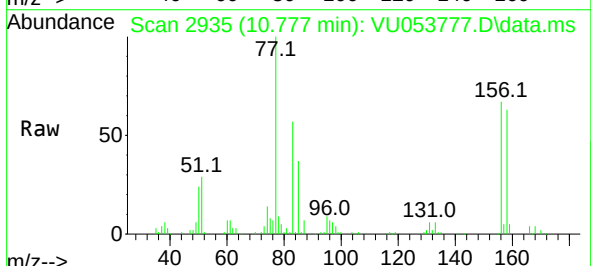
Tgt Ion: 83 Resp: 49786

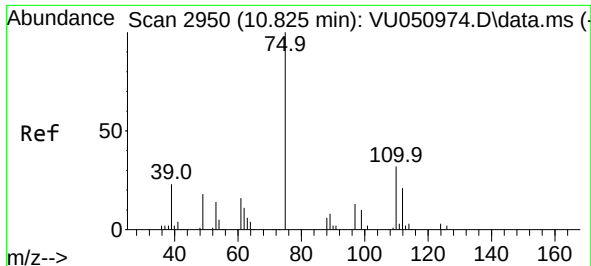
Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

85 65.0 50.5 75.7

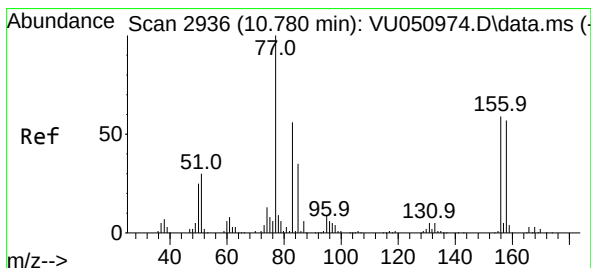
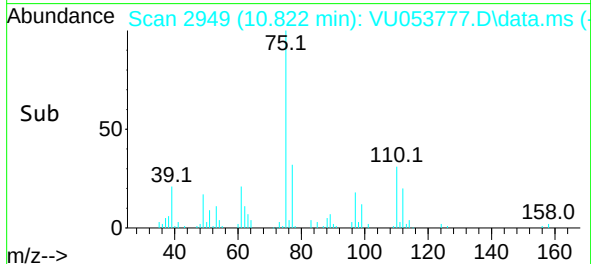
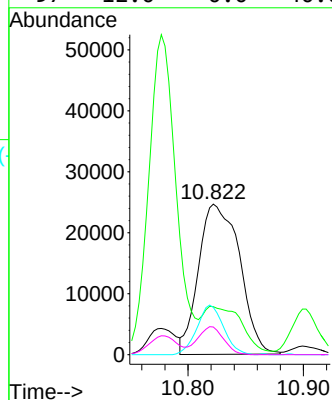
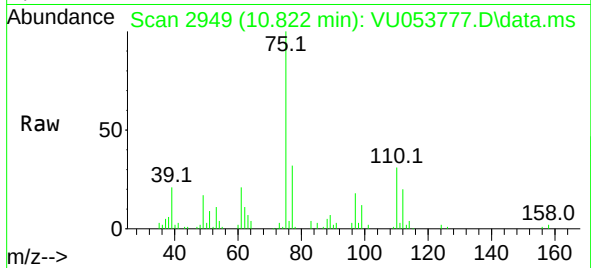




#71
1,2,3-Trichloropropane
Concen: 10.198 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

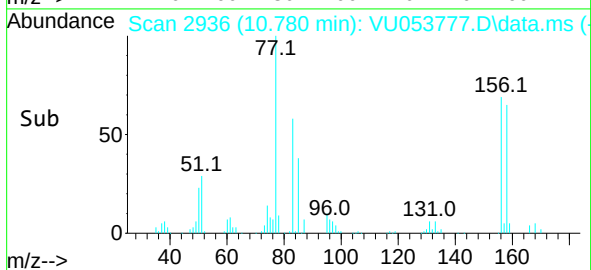
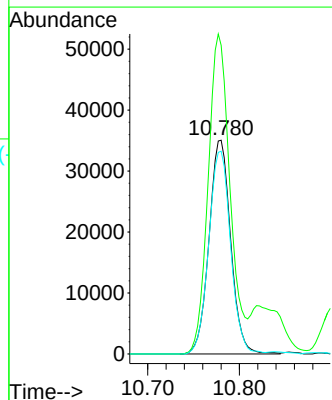
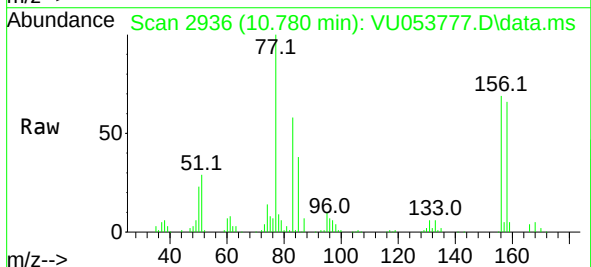
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

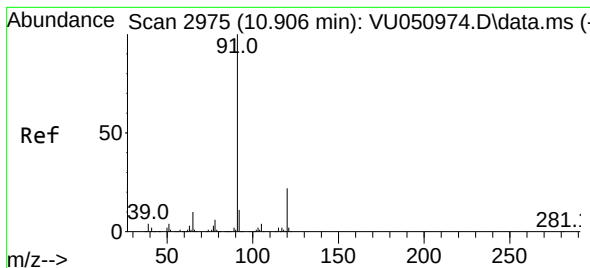
Tgt Ion: 75 Resp: 60900
Ion Ratio Lower Upper
75 100
77 29.6 0.0 116.4
110 21.5 0.0 74.6
97 12.0 0.0 40.0



#72
Bromobenzene
Concen: 6.397 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 156 Resp: 57548
Ion Ratio Lower Upper
156 100
77 151.6 0.0 343.0
158 95.7 0.0 194.8





#73

n-propylbenzene

Concen: 5.858 ug/l

RT: 10.902 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

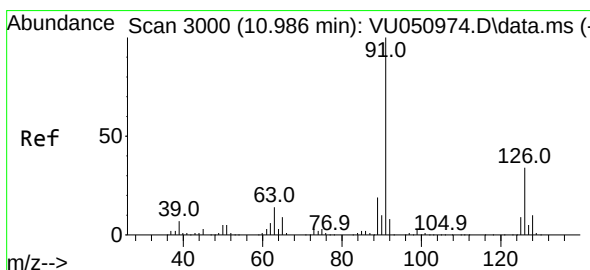
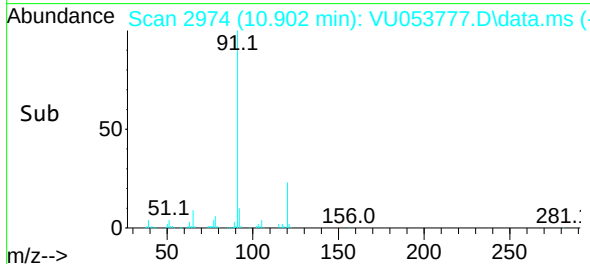
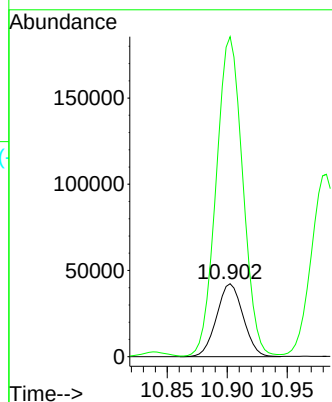
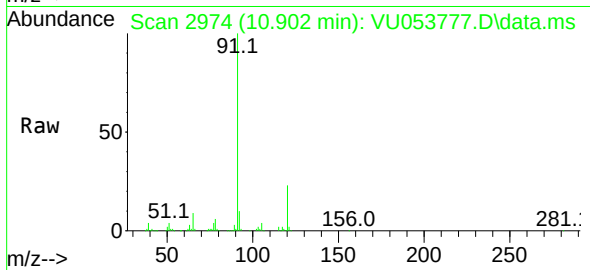
VSTDIC005

Tgt Ion:120 Resp: 64957

Ion Ratio Lower Upper

120 100

91 438.3 369.8 554.6



#74

2-Chlorotoluene

Concen: 6.223 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.000 min

Lab File: VU053777.D

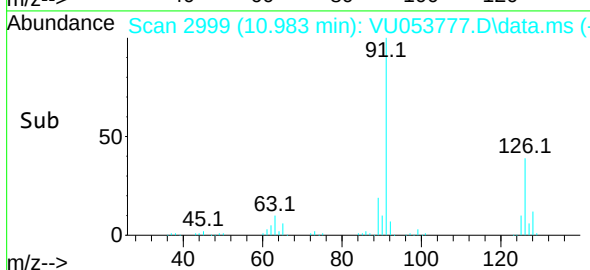
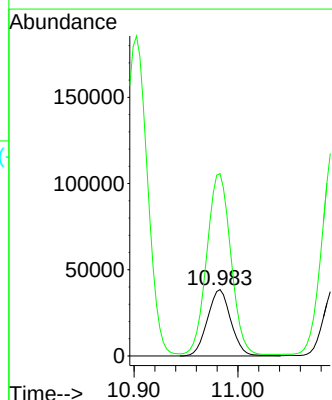
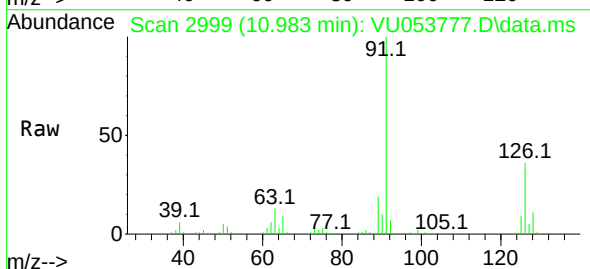
Acq: 19 Apr 2023 11:51

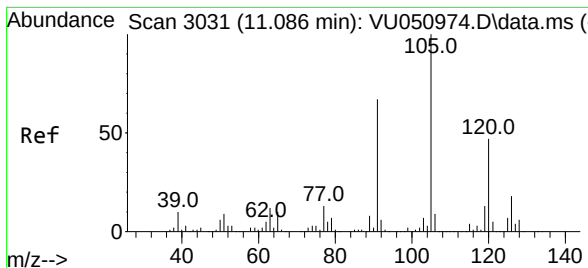
Tgt Ion:126 Resp: 60188

Ion Ratio Lower Upper

126 100

91 279.6 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 5.784 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. -0.003 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

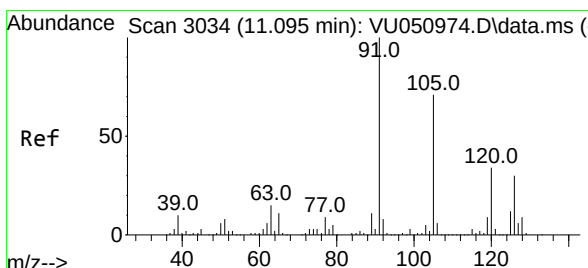
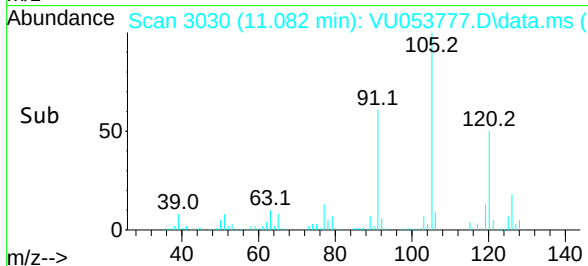
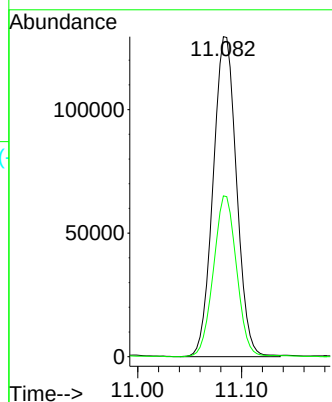
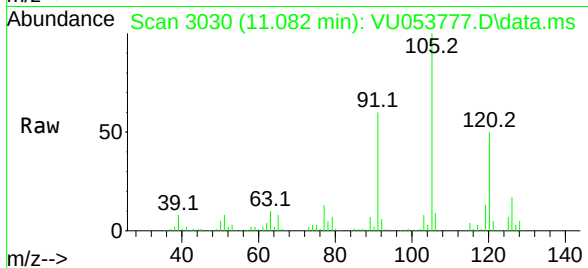
VSTDIC005

Tgt Ion:105 Resp: 202875

Ion Ratio Lower Upper

105 100

120 49.5 37.8 56.8



#76

4-Chlorotoluene

Concen: 6.300 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU053777.D

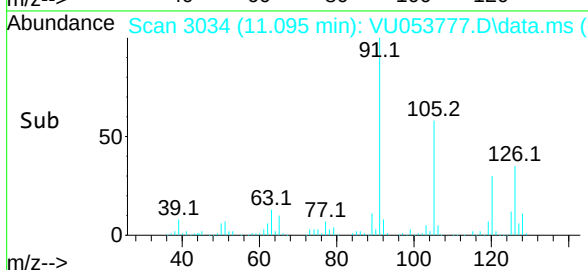
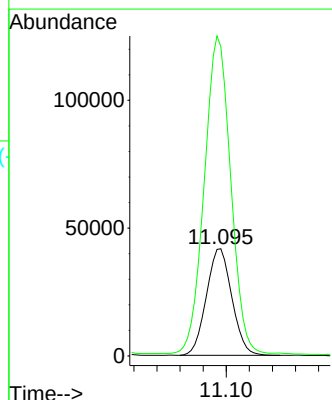
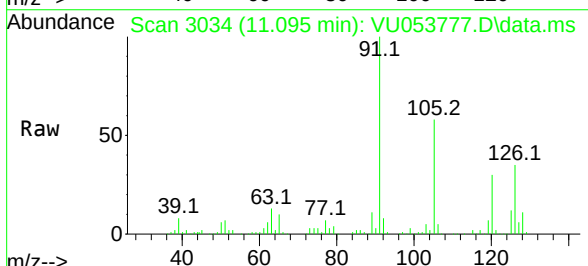
Acq: 19 Apr 2023 11:51

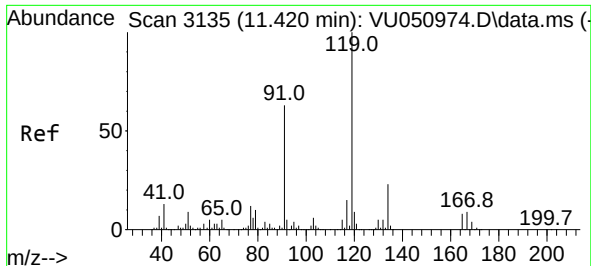
Tgt Ion:126 Resp: 63826

Ion Ratio Lower Upper

126 100

91 311.2 0.0 686.2

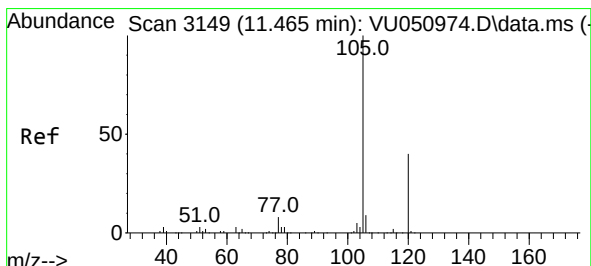
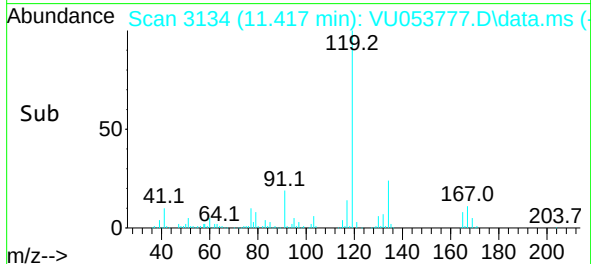
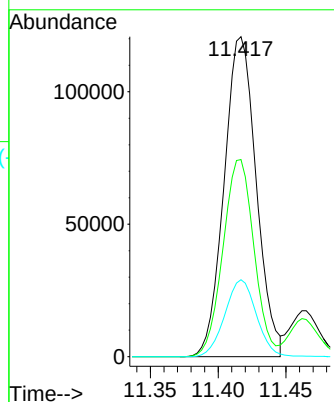
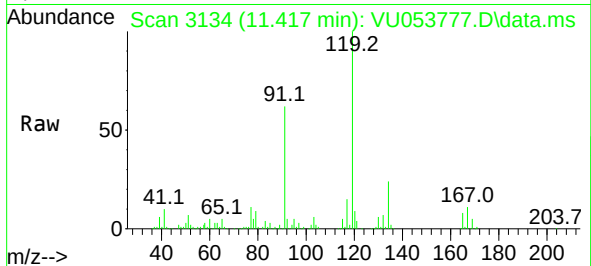




#77
tert-Butylbenzene
Concen: 6.030 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

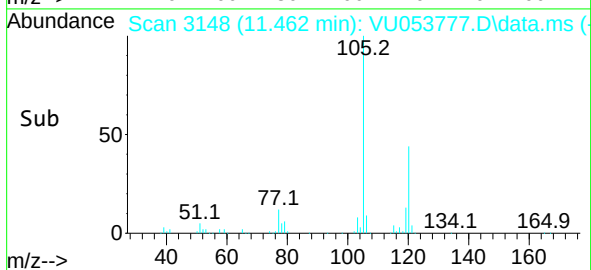
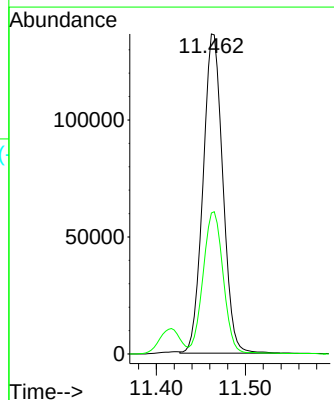
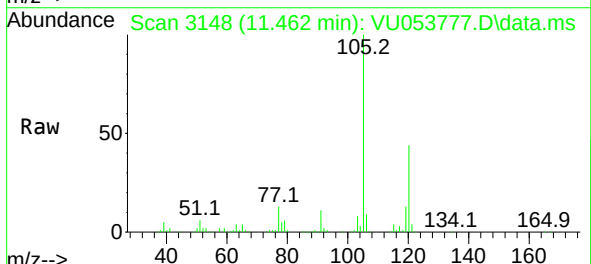
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

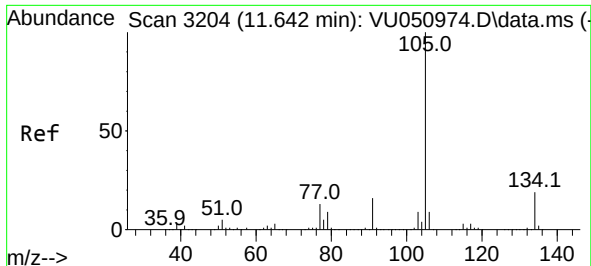
Tgt Ion:119 Resp: 199552
Ion Ratio Lower Upper
119 100
91 59.3 30.8 92.4
134 23.7 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 5.843 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:105 Resp: 210050
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8

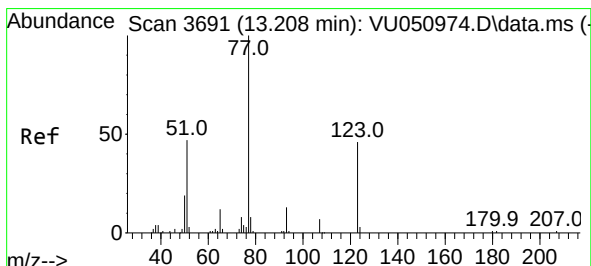
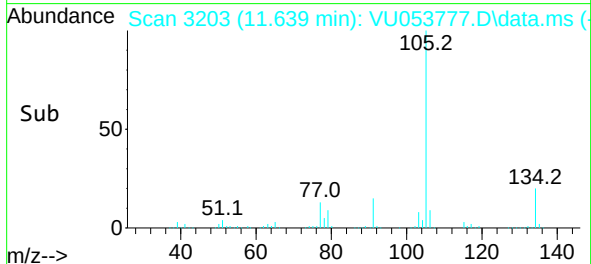
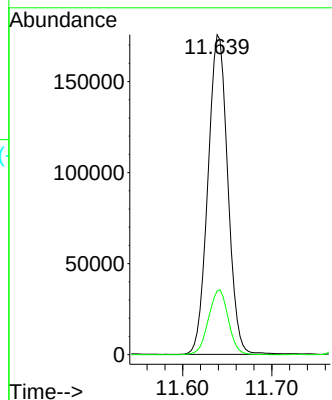
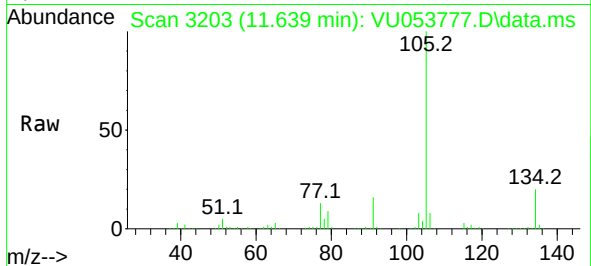




#79
 sec-Butylbenzene
 Concen: 5.774 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053777.D
 Acq: 19 Apr 2023 11:51

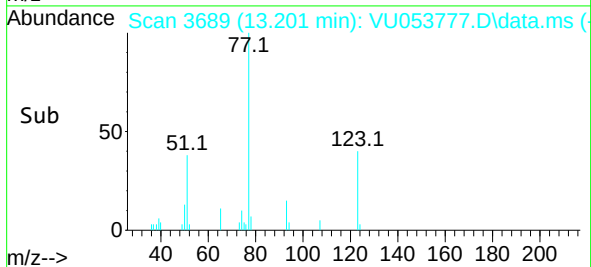
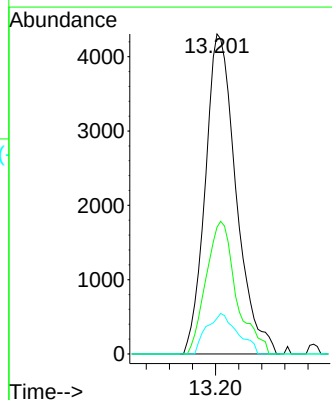
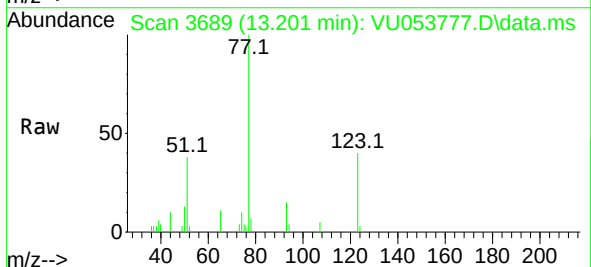
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

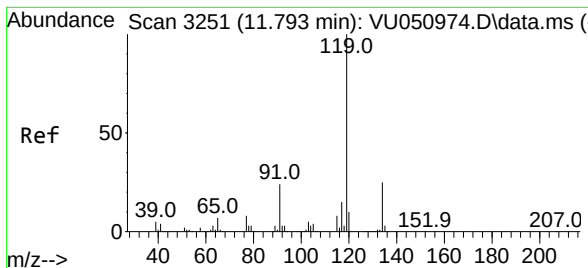
Tgt Ion:105 Resp: 271503
 Ion Ratio Lower Upper
 105 100
 134 20.2 14.9 22.3



#80
 Nitrobenzene
 Concen: 37.898 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: VU053777.D
 Acq: 19 Apr 2023 11:51

Tgt Ion: 77 Resp: 7958
 Ion Ratio Lower Upper
 77 100
 123 40.7 19.7 69.7
 65 12.7 11.5 14.7





#81

p-Isopropyltoluene

Concen: 6.066 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

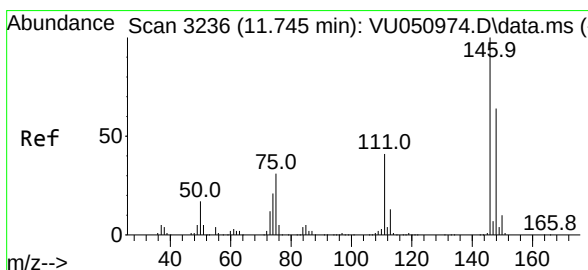
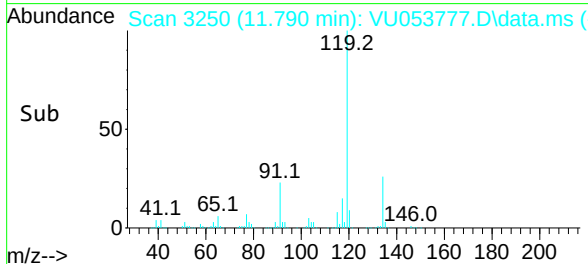
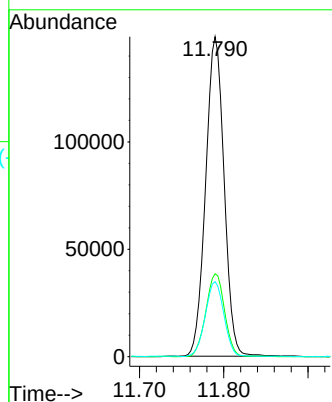
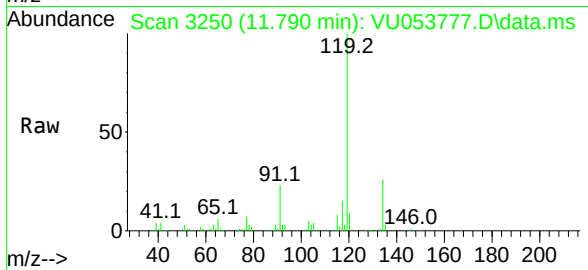
Tgt Ion:119 Resp: 226631

Ion Ratio Lower Upper

119 100

134 26.4 20.2 30.4

91 23.7 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 6.498 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

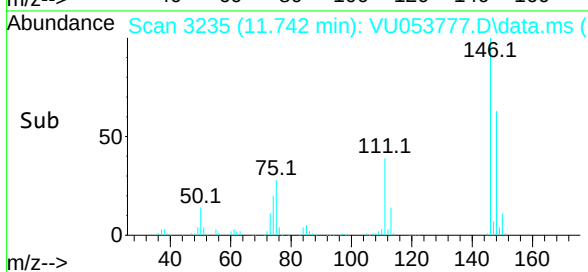
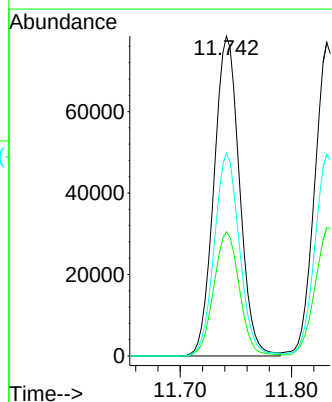
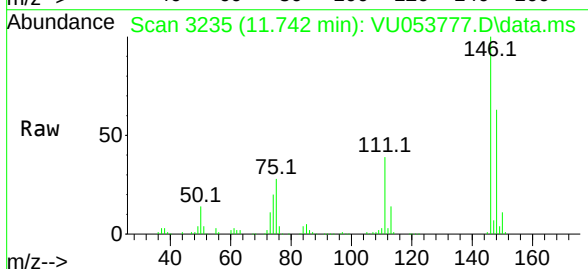
Tgt Ion:146 Resp: 124954

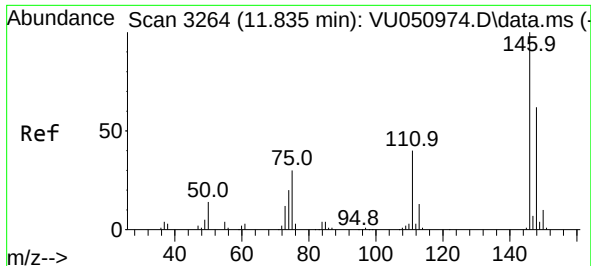
Ion Ratio Lower Upper

146 100

111 39.1 32.6 49.0

148 62.9 51.0 76.4

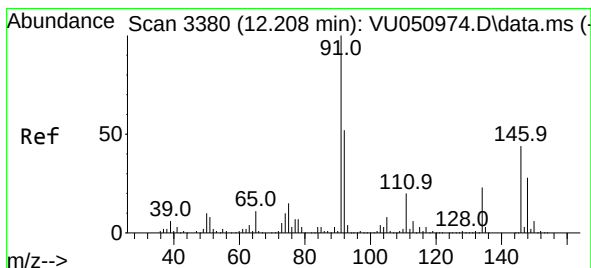
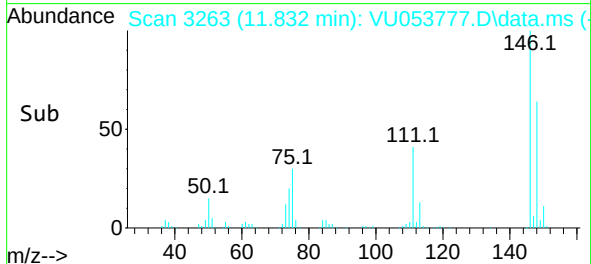
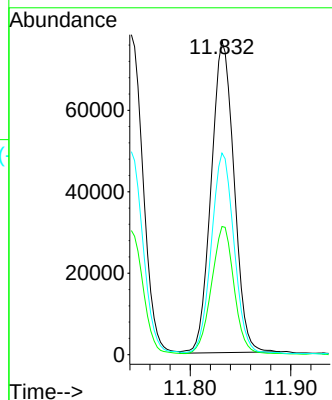
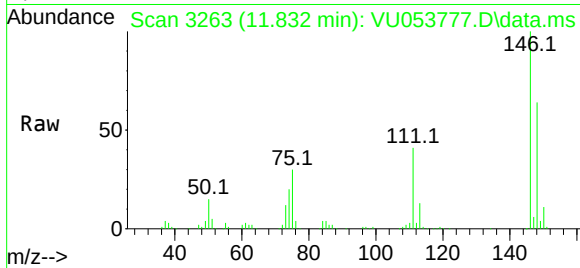




#83
1,4-Dichlorobenzene
Concen: 6.190 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

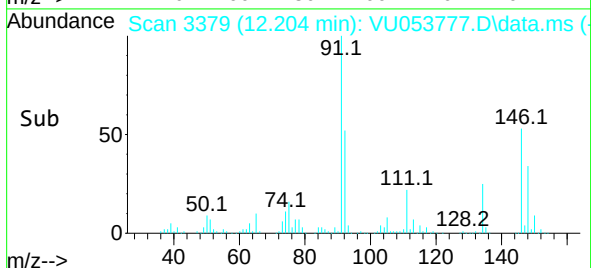
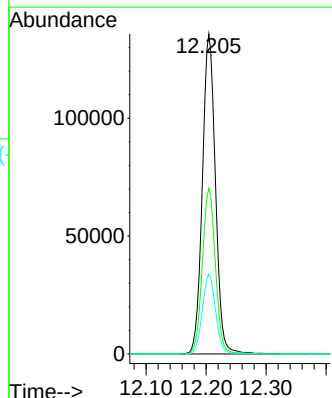
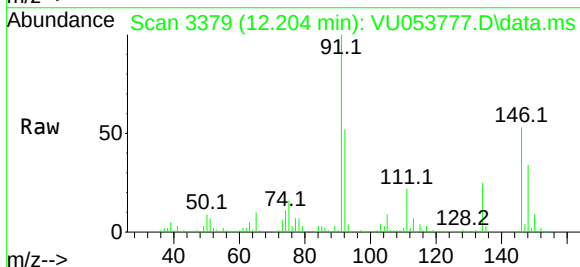
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

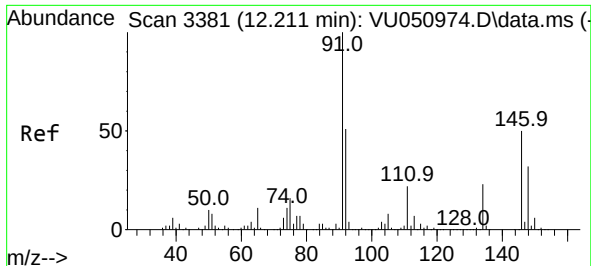
Tgt Ion:146 Resp: 120969
Ion Ratio Lower Upper
146 100
111 40.9 31.6 47.4
148 64.3 50.3 75.5



#84
n-Butylbenzene
Concen: 5.679 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion: 91 Resp: 206531
Ion Ratio Lower Upper
91 100
92 51.4 40.8 61.2
134 25.4 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 6.535 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

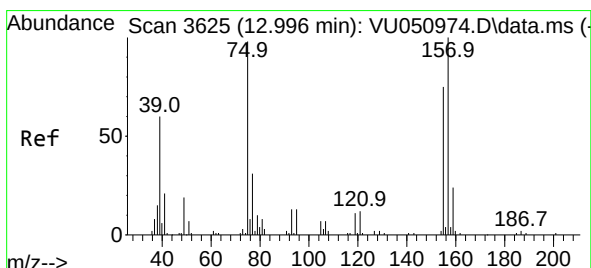
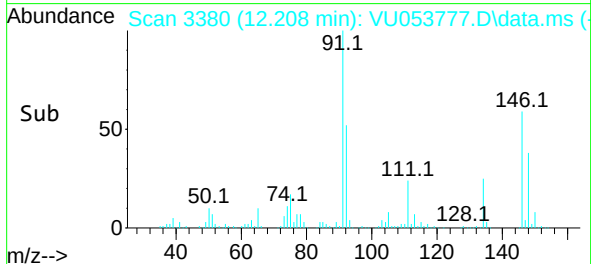
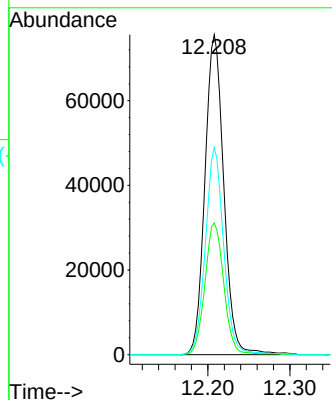
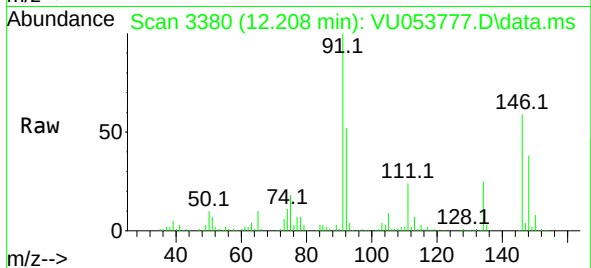
Tgt Ion:146 Resp: 120714

Ion Ratio Lower Upper

146 100

111 41.1 21.6 64.6

148 63.2 32.1 96.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 6.178 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053777.D

Acq: 19 Apr 2023 11:51

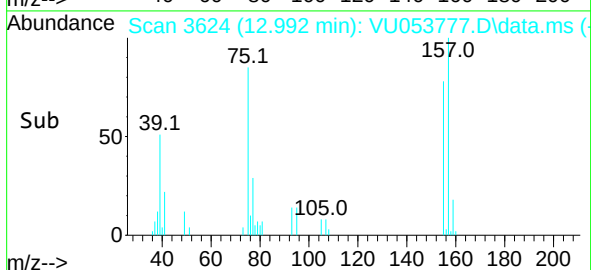
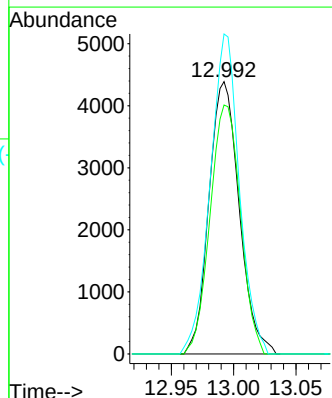
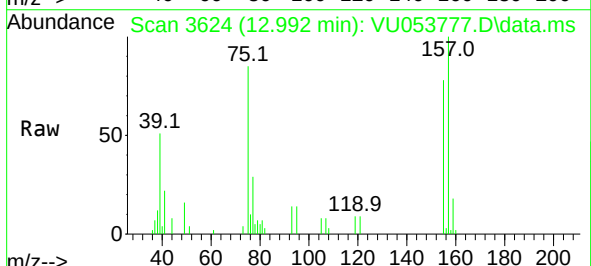
Tgt Ion: 75 Resp: 7413

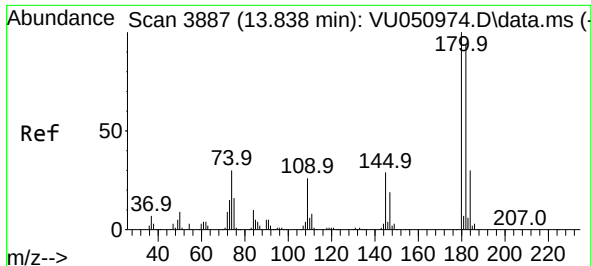
Ion Ratio Lower Upper

75 100

155 91.4 61.8 92.8

157 113.4 80.2 120.4

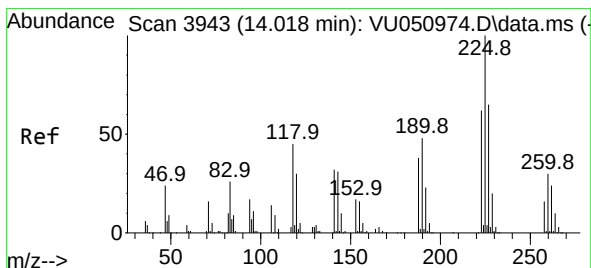
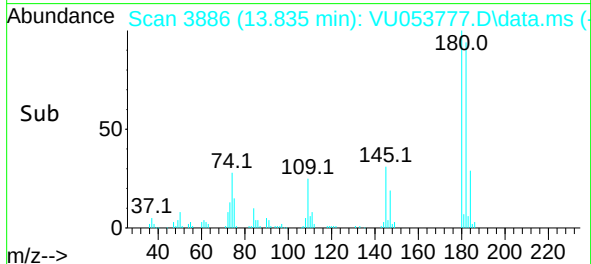
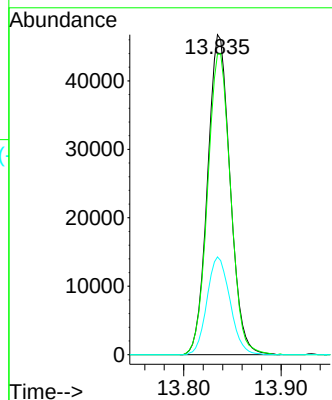
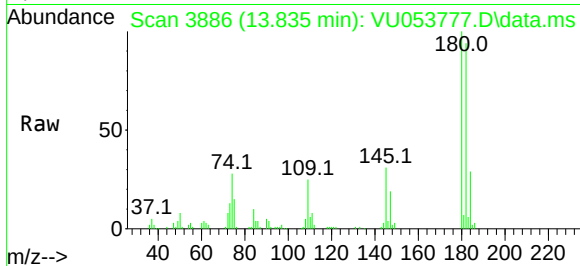




#87
1,2,4-Trichlorobenzene
Concen: 6.846 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

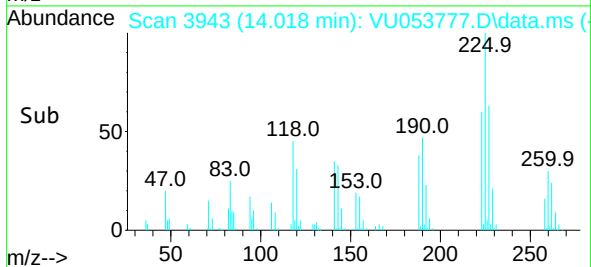
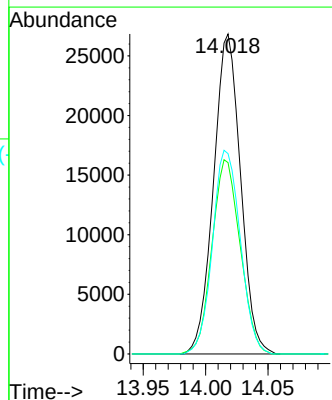
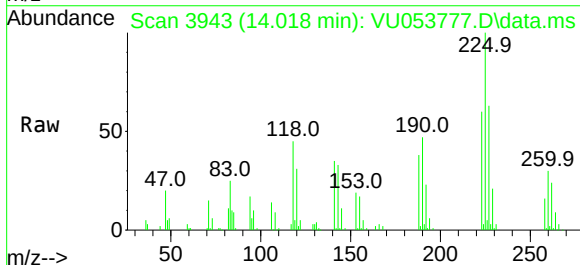
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

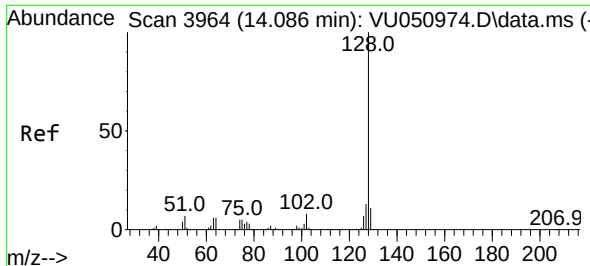
Tgt Ion:180 Resp: 75254
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.6
145 31.1 23.9 35.9



#88
Hexachlorobutadiene
Concen: 7.419 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:225 Resp: 40524
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 65.5 51.5 77.3

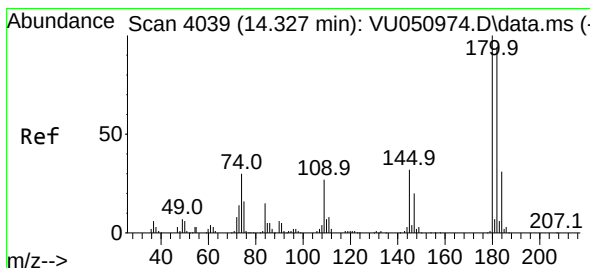
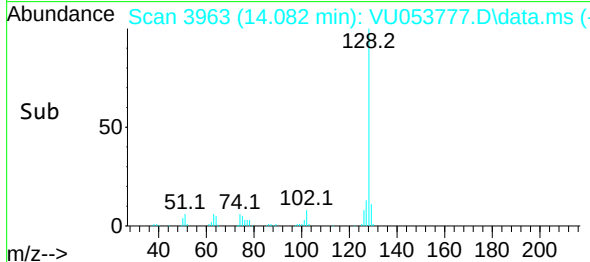
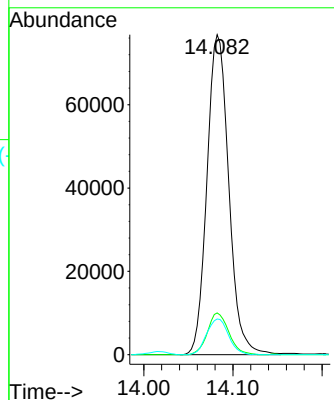
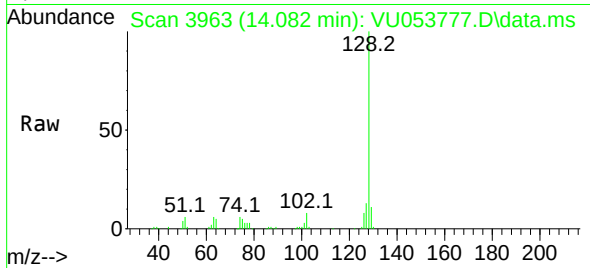




#89
Naphthalene
Concen: 5.983 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 130548
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 11.2 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 7.192 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053777.D
Acq: 19 Apr 2023 11:51

Tgt Ion:180 Resp: 70241
Ion Ratio Lower Upper
180 100
182 96.1 75.7 113.5
145 33.8 26.1 39.1

