

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101922\
 Data File : VU051460.D
 Acq On : 19 Oct 2022 16:25
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 20 07:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	57152	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	20472	1.021	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	22500	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	188649	9.453	ug/l	97
3) Chloromethane	1.533	50	253826	8.070	ug/l	99
4) Vinyl Chloride	1.604	62	242274	8.898	ug/l	98
5) Bromomethane	1.848	94	153755	10.130	ug/l	100
6) Chloroethane	1.929	64	154514	9.957	ug/l	98
7) Trichlorofluoromethane	2.138	101	291692	9.590	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	164200	9.785	ug/l	98
9) 1,1-Dichloroethene	2.578	96	165888	9.458	ug/l	97
10) Iodomethane	2.720	142	233608	10.278	ug/l	99
11) Allyl Chloride	2.919	41	250385	9.361	ug/l	100
12) Acrylonitrile	3.311	53	95067	18.420	ug/l	98
13) Acetone	2.623	43	164654	44.305	ug/l	99
14) Carbon Disulfide	2.790	76	581640	9.306	ug/l	100
15) Methylene Chloride	3.041	84	231277	10.908	ug/l	96
16) trans-1,2-Dichloroethene	3.347	96	187808	9.338	ug/l	99
17) 1,1-Dichloroethane	3.864	63	335858	9.289	ug/l	98
18) 2-Butanone	4.710	43	230747	51.167	ug/l	99
19) Cyclohexane	5.385	56	212641	9.489	ug/l	88
20) Methylcyclohexane	6.761	83	244863	8.901	ug/l	98
21) 2,2-Dichloropropane	4.662	77	237861	9.421	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	192943	10.140	ug/l	100
23) Diethyl Ether	2.376	59	144040	9.405	ug/l	99
24) tert-Butyl Alcohol	3.186	59	136133	84.761	ug/l	100
25) Methyl tert-Butyl Ether	3.366	73	439365	9.631	ug/l	99
26) Bromochloromethane	4.973	128	89547	9.654	ug/l	99
27) Chloroform	5.086	83	350970	9.584	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	274795	9.401	ug/l	99
29) 1,1-Dichloropropene	5.523	75	230541	10.298	ug/l	99
30) Carbon Tetrachloride	5.520	117	229369	9.300	ug/l	98
31) Isopropyl Ether	3.999	45	422801	9.885	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	389350	9.969	ug/l	99
33) Tert-Amyl methyl ether	5.941	73	366946	10.693	ug/l	100
34) Propionitrile	4.777	54	78399	51.710	ug/l	# 97
35) Benzene	5.771	78	744107	9.905	ug/l	99
36) 1,2-Dichloroethane	5.793	62	226200	9.759	ug/l	99
37) Trichloroethene	6.539	130	169543	9.615	ug/l	94
38) 1,2-Dichloropropane	6.790	63	204612	9.927	ug/l	99
39) Methacrylonitrile	4.977	41	54324	10.484	ug/l	98
40) Methyl acrylate	4.845	55	87563	10.597	ug/l	98
41) Tetrahydrofuran	5.060	42	53619	19.706	ug/l	100
42) 1-Chlorobutane	5.456	56	314891	10.305	ug/l	99
43) Dibromomethane	6.916	93	104523	9.772	ug/l	98
44) Bromodichloromethane	7.105	83	251318	9.709	ug/l	98

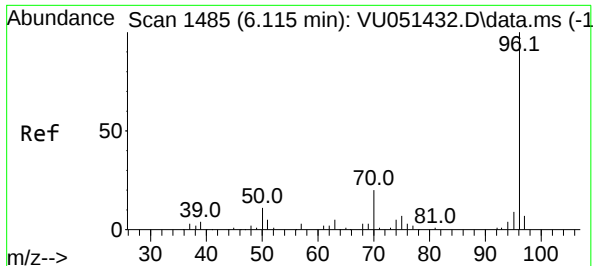
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	541001	53.131	ug/l	100
46) t-1,4-Dichloro-2-butene	10.822	75	243710	42.884	ug/l #	56
47) Methyl methacrylate	6.961	69	185722	18.484	ug/l	99
48) Ethyl methacrylate	8.333	69	152419	8.820	ug/l	100
49) Toluene	7.967	92	448024	10.875	ug/l	99
50) t-1,3-Dichloropropene	8.208	75	214141	10.286	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	242985	9.900	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	149257	9.772	ug/l	97
53) 1,3-Dichloropropane	8.575	76	249371	10.131	ug/l	100
54) 2-Hexanone	8.684	43	383678	44.344	ug/l	100
55) Dibromochloromethane	8.809	129	167235	10.069	ug/l	100
56) 1,2-Dibromoethane	8.922	107	137213	10.217	ug/l	98
58) Tetrachloroethene	8.552	164	149958	9.759	ug/l	98
59) Chlorobenzene	9.446	112	464645	10.273	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	171130	9.874	ug/l	98
61) Pentachloroethane	11.423	117	152080	9.848	ug/l	100
62) Hexachloroethane	12.475	117	142841	9.740	ug/l	96
63) Ethyl Benzene	9.568	91	781242	9.256	ug/l	98
64) m/p-Xylenes	9.694	106	670247	19.465	ug/l	100
65) o-Xylene	10.099	106	306326	9.497	ug/l	98
66) Styrene	10.112	104	536035	9.612	ug/l	100
67) Bromoform	10.288	173	94300	10.115	ug/l	99
69) Isopropylbenzene	10.485	105	757716	9.290	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	198754	9.622	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	243710	15.880	ug/l	72
72) Bromobenzene	10.780	156	190749	10.605	ug/l	98
73) n-propylbenzene	10.906	120	221799	9.405	ug/l	98
74) 2-Chlorotoluene	10.983	126	199182	11.375	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	736381	9.711	ug/l	99
76) 4-Chlorotoluene	11.095	126	214428	10.007	ug/l	90
77) tert-Butylbenzene	11.420	119	647284	11.165	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	765931	9.635	ug/l	99
79) sec-Butylbenzene	11.642	105	898947	9.481	ug/l	100
80) Nitrobenzene	13.205	77	42698	41.747	ug/l #	96
81) p-Isopropyltoluene	11.793	119	760060	9.578	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	404410	10.467	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	409439	10.826	ug/l	98
84) n-Butylbenzene	12.208	91	683616	9.054	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	396718	10.420	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	30983	9.592	ug/l	99
87) 1,2,4-Trichlorobenzene	13.838	180	193552	9.385	ug/l	99
88) Hexachlorobutadiene	14.018	225	134191	9.981	ug/l	99
89) Naphthalene	14.086	128	366496	8.493	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	215431	9.549	ug/l	100

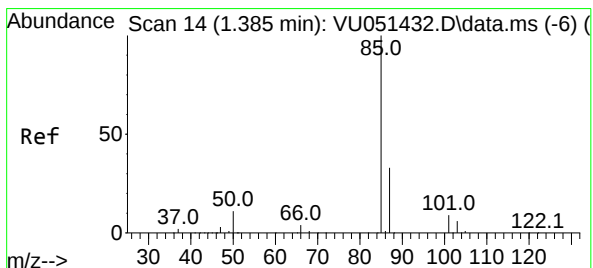
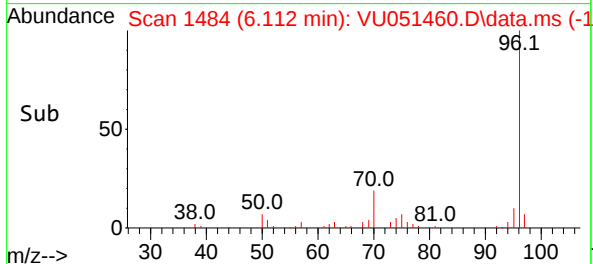
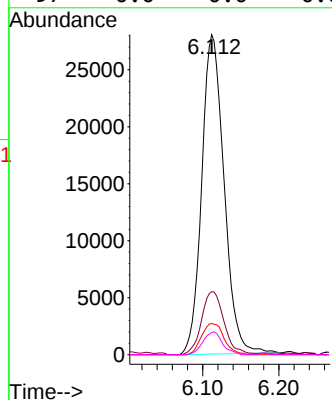
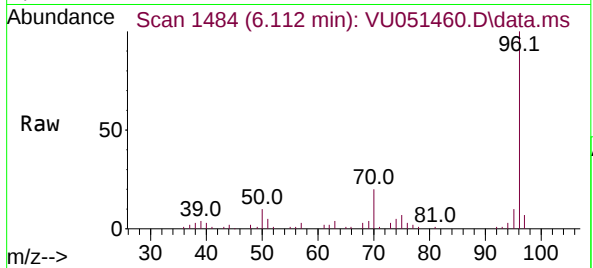
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

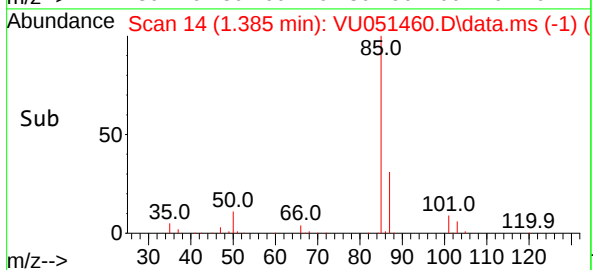
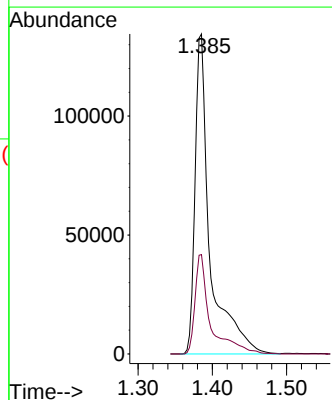
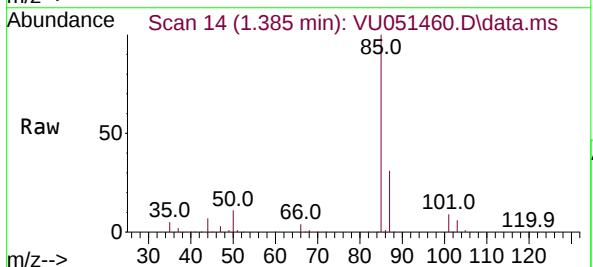
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

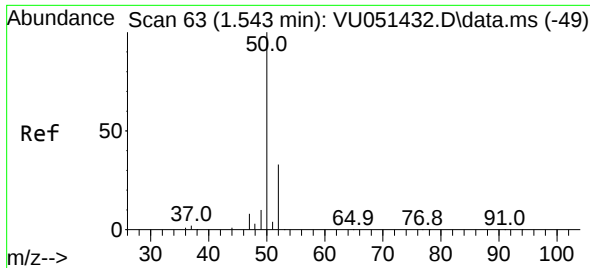
Tgt Ion: 96	Resp: 57152
Ion Ratio	Lower Upper
96 100	
70 19.4	16.7 25.1
95 9.8	7.5 11.3
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.453 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 85	Resp: 188649
Ion Ratio	Lower Upper
85 100	
87 31.1	16.4 49.4

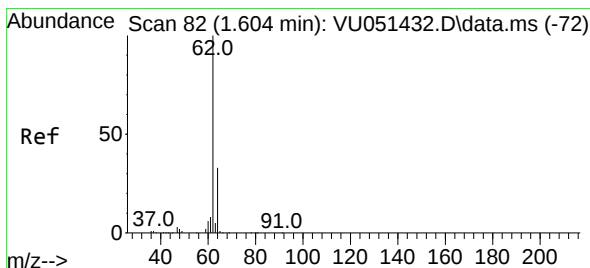
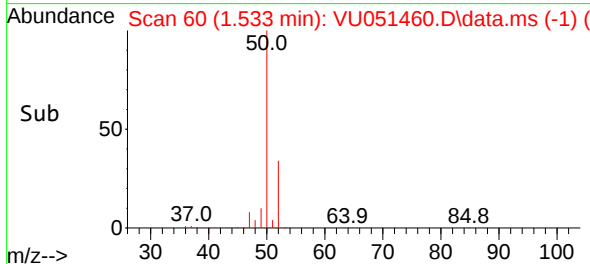
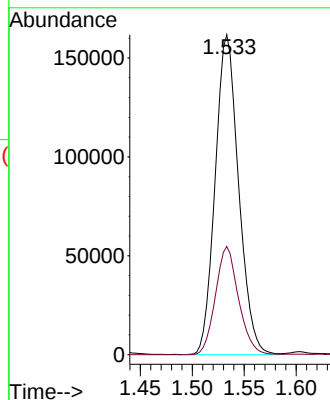
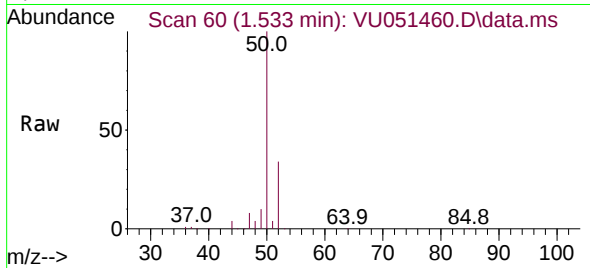




#3
Chloromethane
Concen: 8.070 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

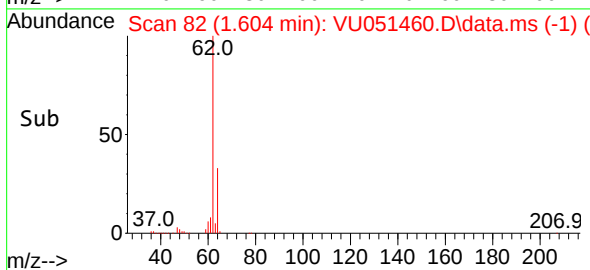
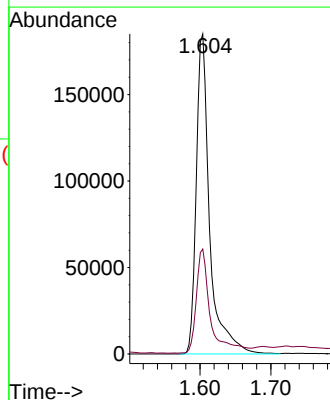
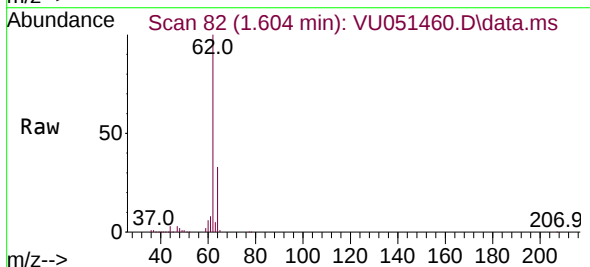
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

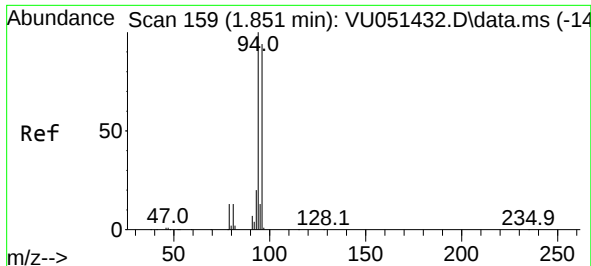
Tgt Ion: 50 Resp: 253826
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1



#4
Vinyl Chloride
Concen: 8.898 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 62 Resp: 242274
Ion Ratio Lower Upper
62 100
64 32.5 26.7 40.1

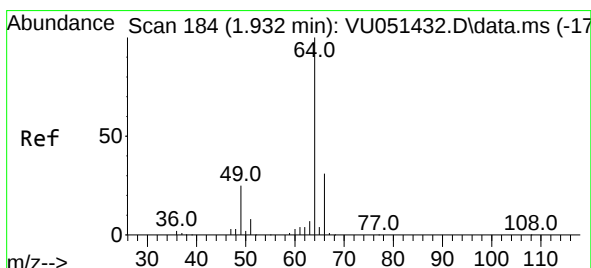
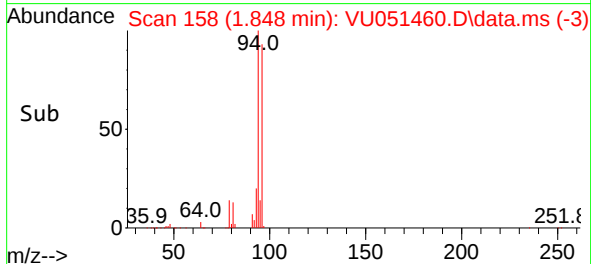
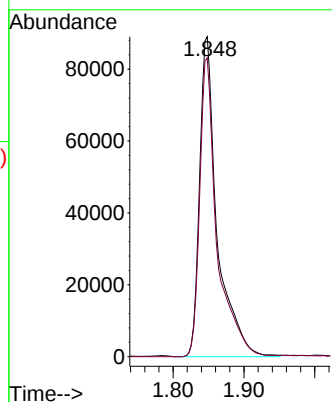
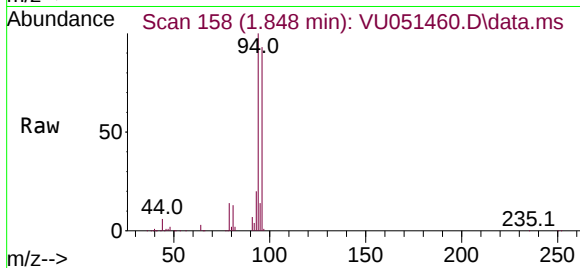




#5
Bromomethane
Concen: 10.130 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

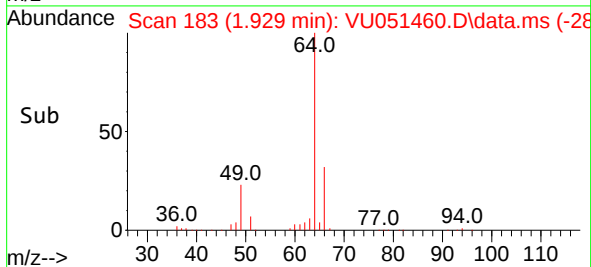
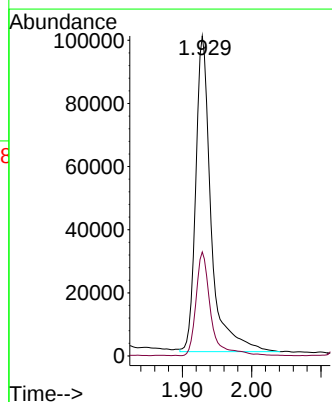
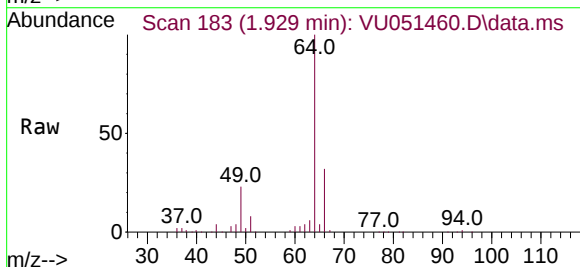
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ClientSampleId :
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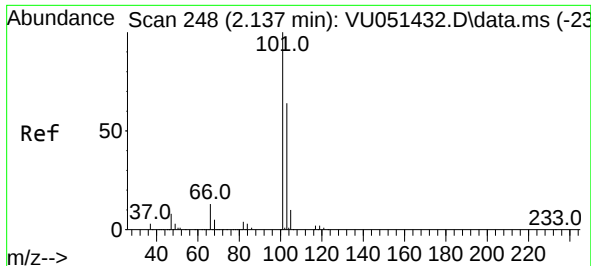
Tgt Ion: 94 Resp: 153755
Ion Ratio Lower Upper
94 100
96 93.4 74.8 112.2



#6
Chloroethane
Concen: 9.957 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 64 Resp: 154514
Ion Ratio Lower Upper
64 100
66 32.8 25.2 37.8

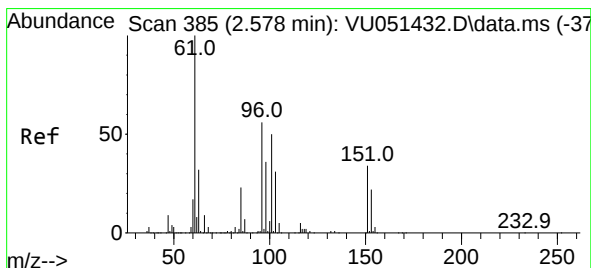
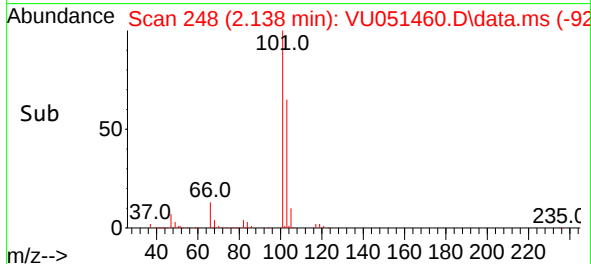
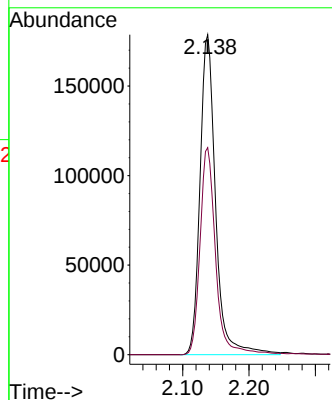
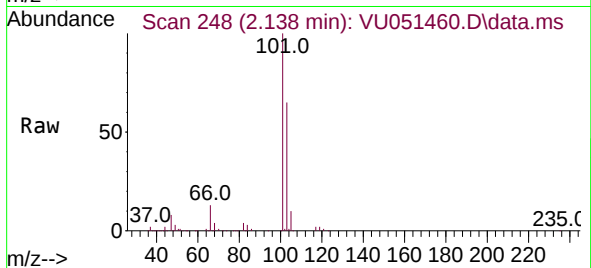




#7
 Trichlorofluoromethane
 Concen: 9.590 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

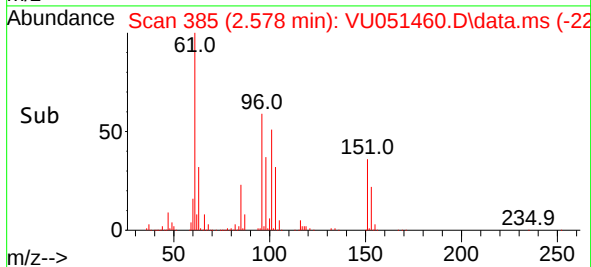
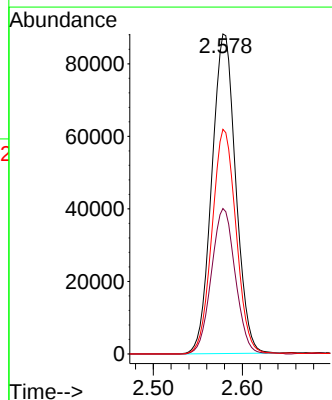
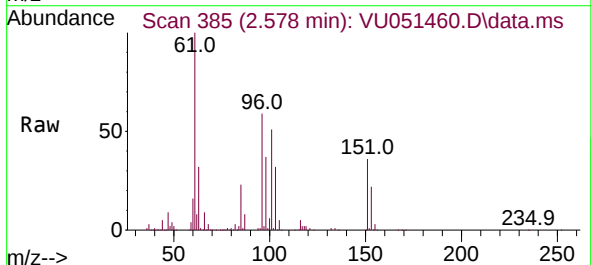
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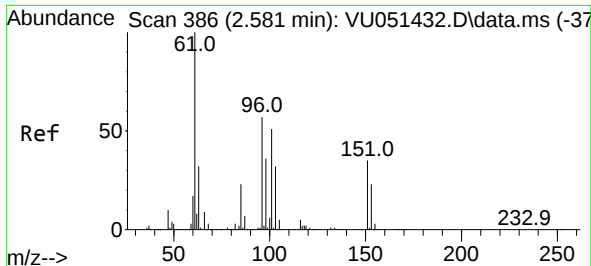
Tgt Ion:101 Resp: 291692
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.785 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

Tgt Ion:101 Resp: 164200
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.6 54.8
 151 70.4 54.6 81.8

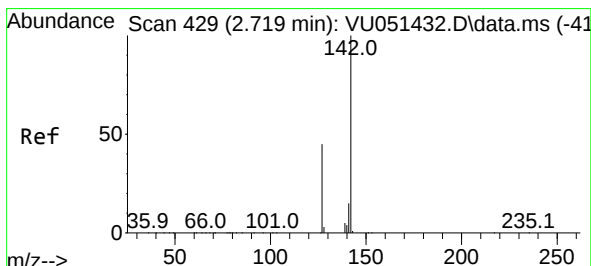
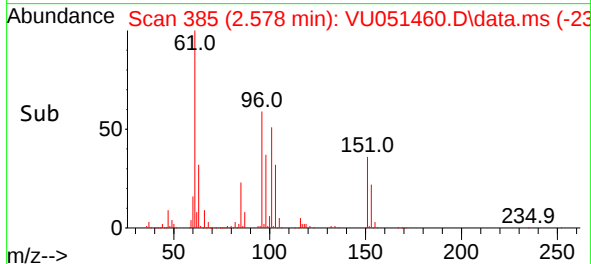
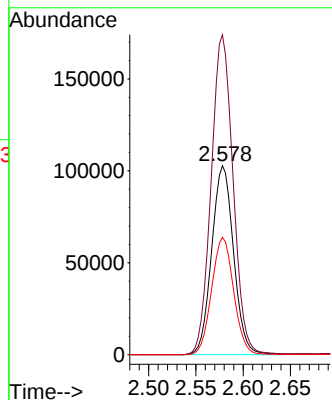
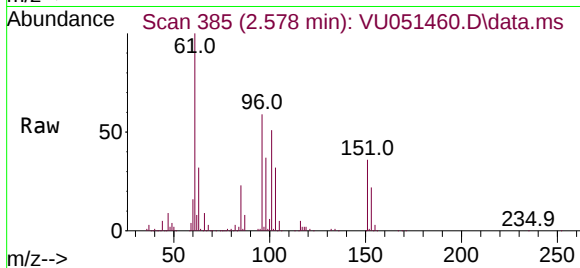




#9
1,1-Dichloroethene
Concen: 9.458 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

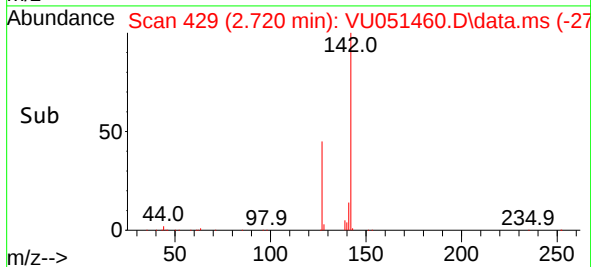
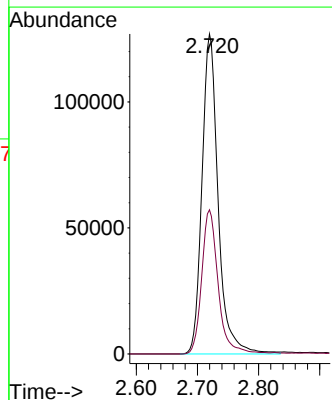
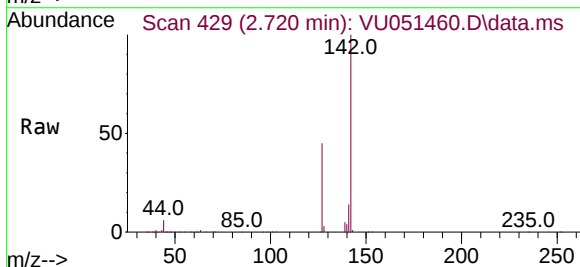
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

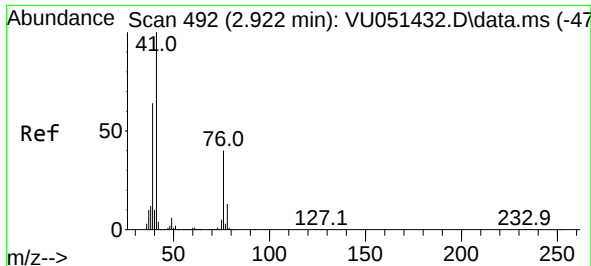
Tgt Ion: 96 Resp: 165888
Ion Ratio Lower Upper
96 100
61 169.3 0.0 522.3
98 62.1 0.0 126.6



#10
Iodomethane
Concen: 10.278 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.001 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 142 Resp: 233608
Ion Ratio Lower Upper
142 100
127 45.8 37.0 55.4

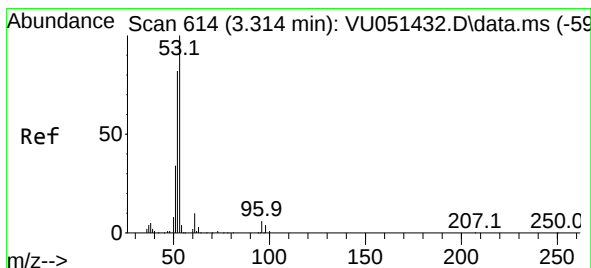
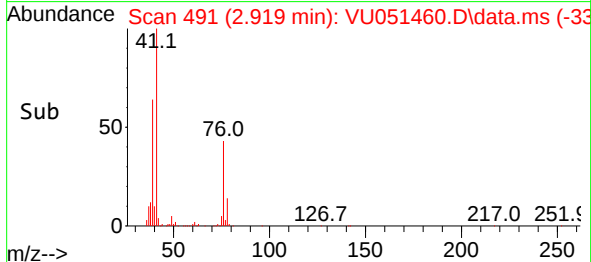
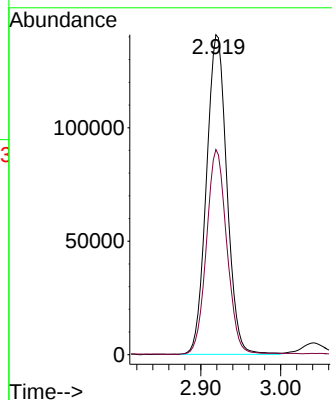
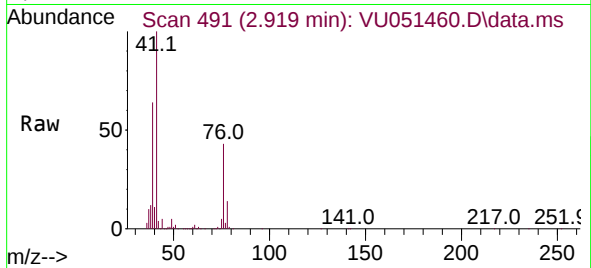




#11
 Allyl Chloride
 Concen: 9.361 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

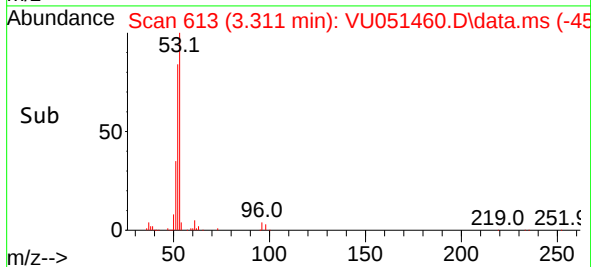
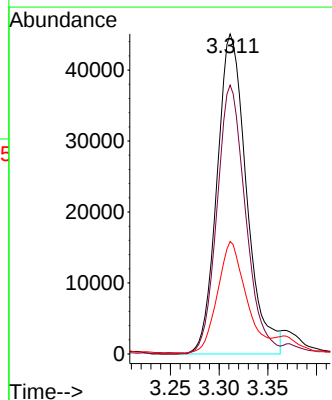
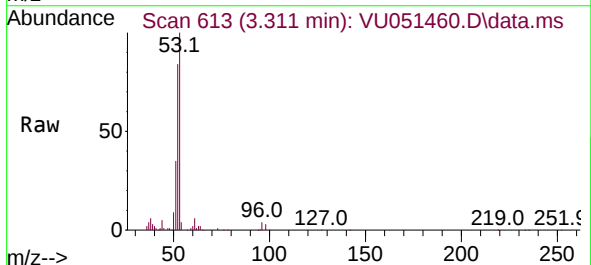
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

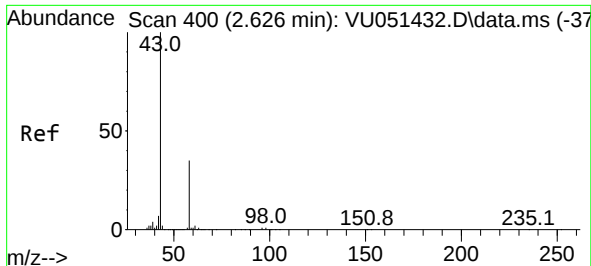
Tgt Ion: 41 Resp: 250385
 Ion Ratio Lower Upper
 41 100
 39 63.9 51.4 77.0



#12
 Acrylonitrile
 Concen: 18.420 ug/l
 RT: 3.311 min Scan# 613
 Delta R.T. -0.003 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

Tgt Ion: 53 Resp: 95067
 Ion Ratio Lower Upper
 53 100
 52 81.2 63.9 95.9
 51 33.8 25.9 38.9

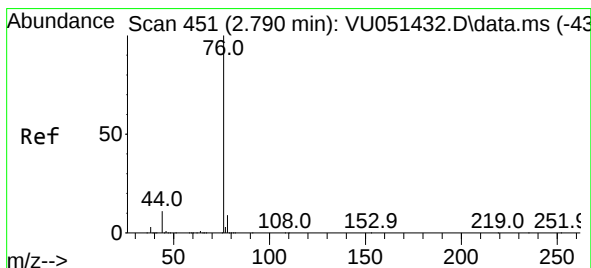
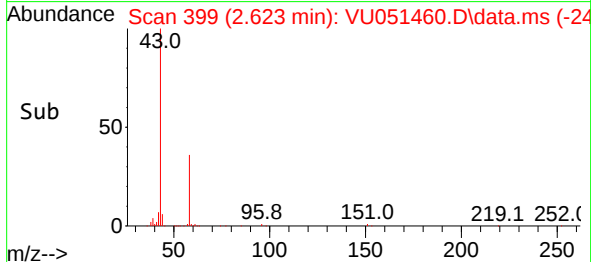
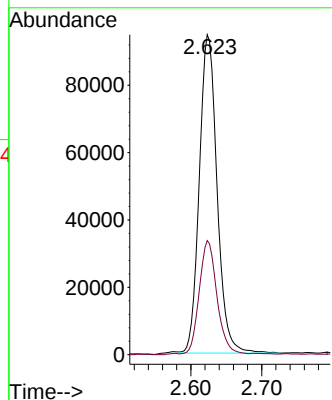
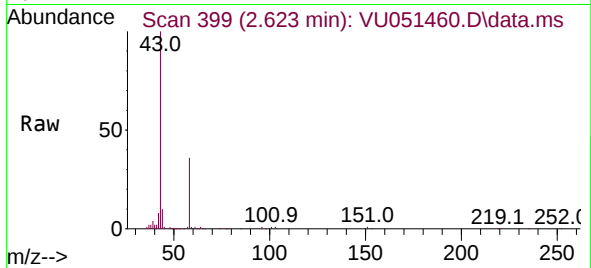




#13
Acetone
Concen: 44.305 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

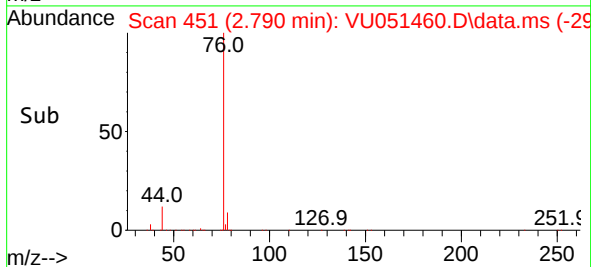
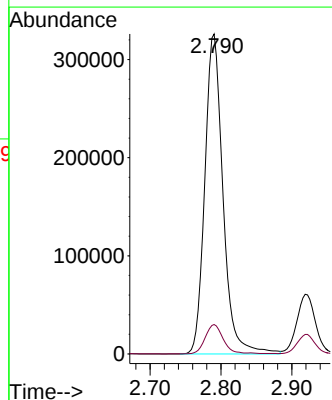
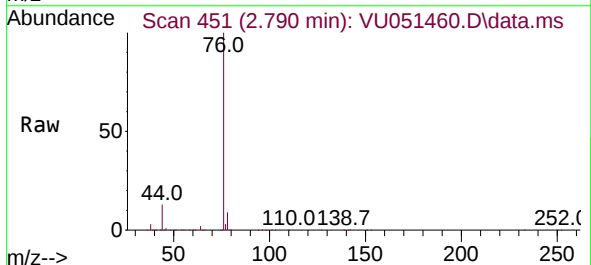
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

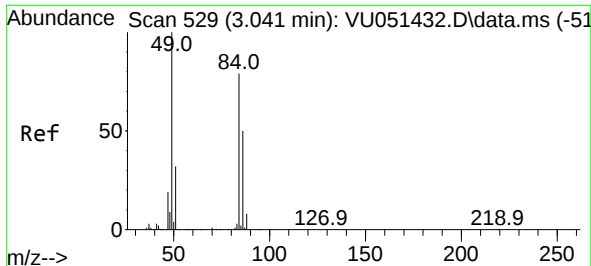
Tgt Ion: 43 Resp: 164654
Ion Ratio Lower Upper
43 100
58 35.6 27.9 41.9



#14
Carbon Disulfide
Concen: 9.306 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 76 Resp: 581640
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

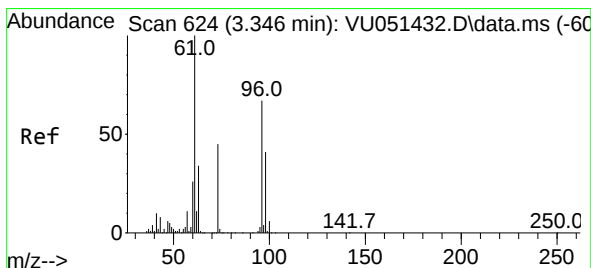
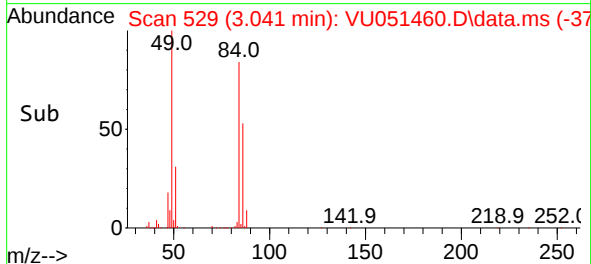
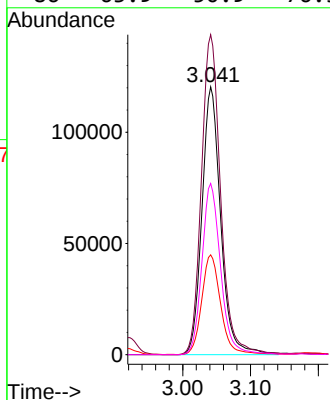
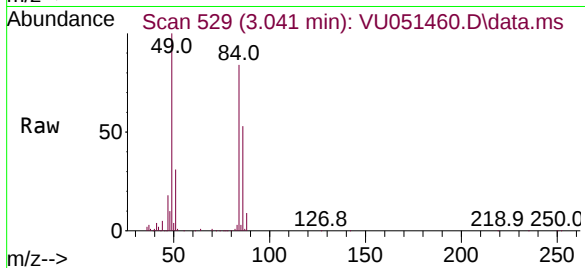




#15
Methylene Chloride
Concen: 10.908 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

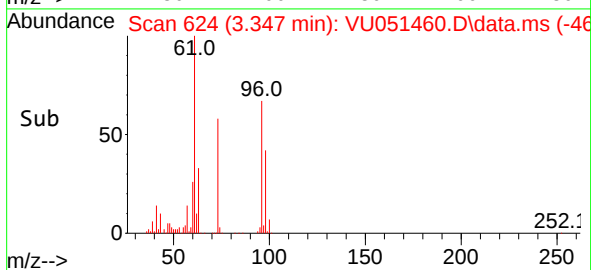
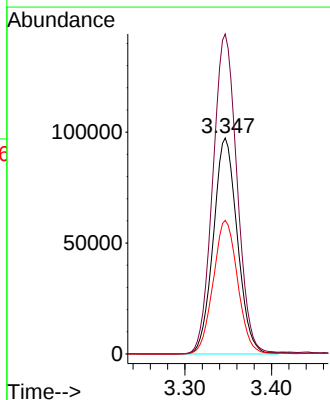
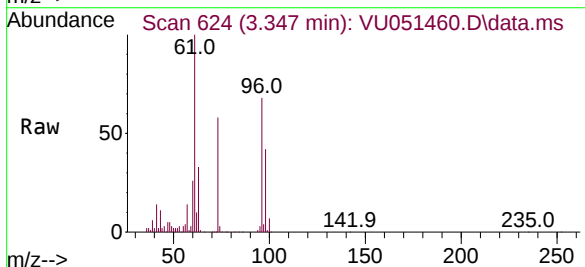
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

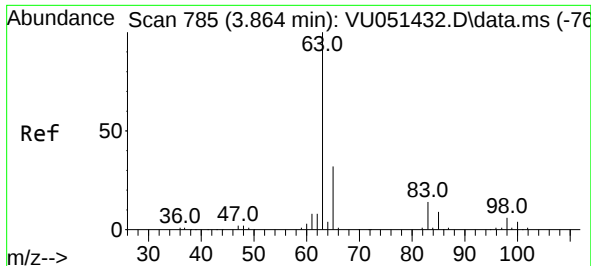
Tgt Ion: 84 Resp: 231277
Ion Ratio Lower Upper
84 100
49 119.5 101.1 151.7
51 37.2 0.0 80.2
86 63.9 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 9.338 ug/l
RT: 3.347 min Scan# 624
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 96 Resp: 187808
Ion Ratio Lower Upper
96 100
61 148.1 119.9 179.9
98 61.9 49.5 74.3

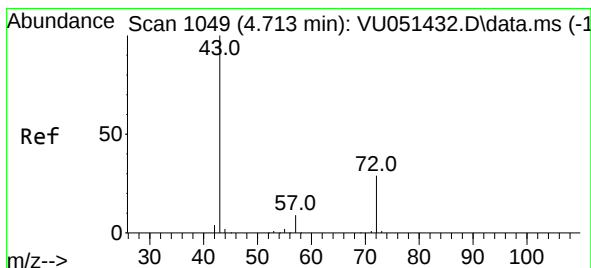
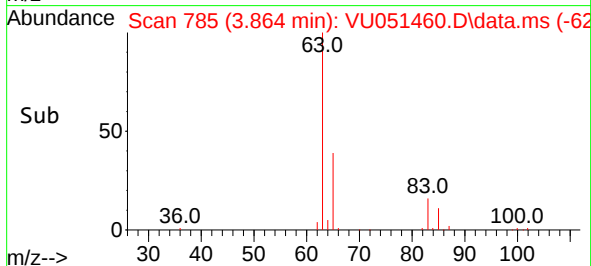
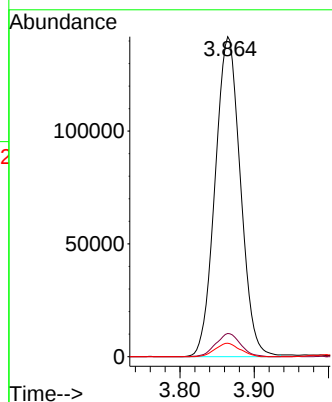
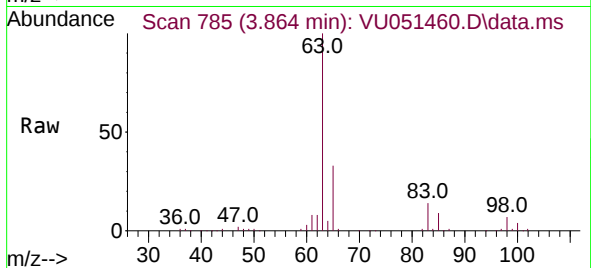




#17
1,1-Dichloroethane
Concen: 9.289 ug/l
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

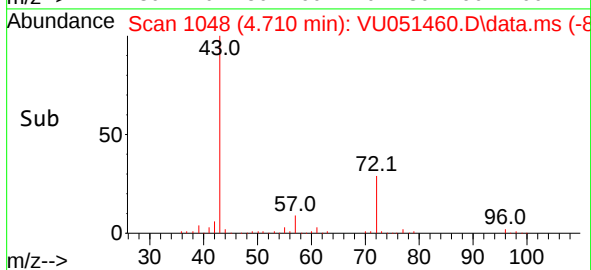
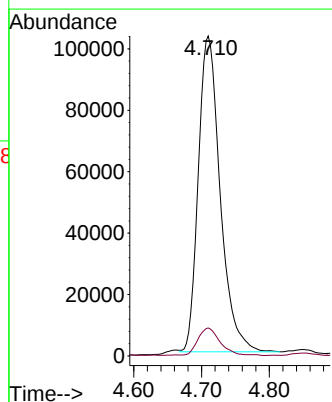
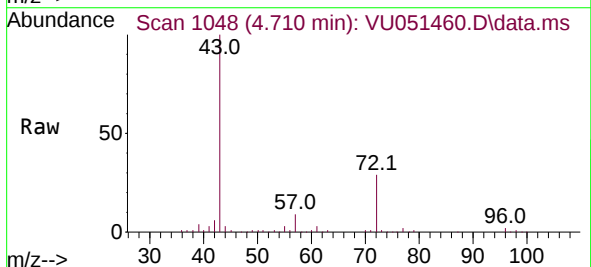
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

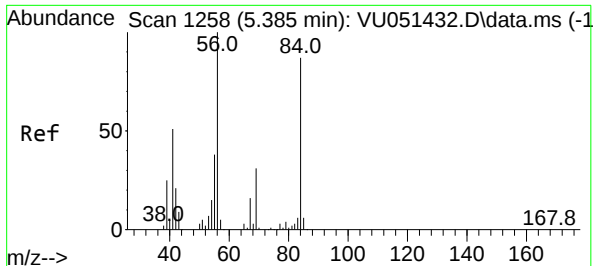
Tgt Ion: 63 Resp: 335858
Ion Ratio Lower Upper
63 100
98 7.2 3.1 9.3
100 4.2 2.1 6.3



#18
2-Butanone
Concen: 51.167 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 43 Resp: 230747
Ion Ratio Lower Upper
43 100
57 8.7 0.0 18.2





#19

Cyclohexane

Concen: 9.489 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

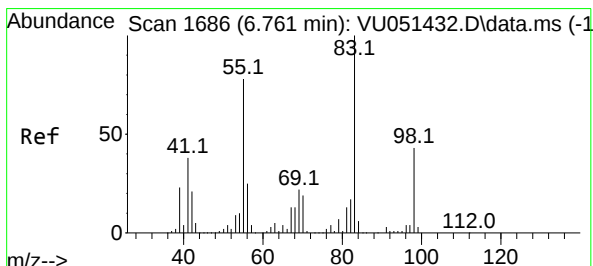
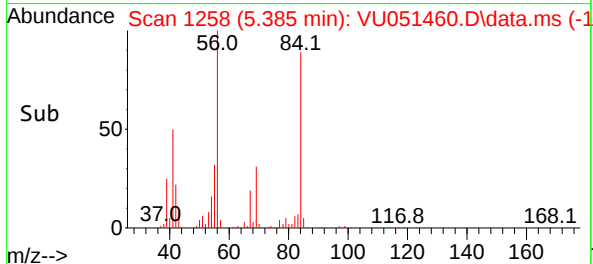
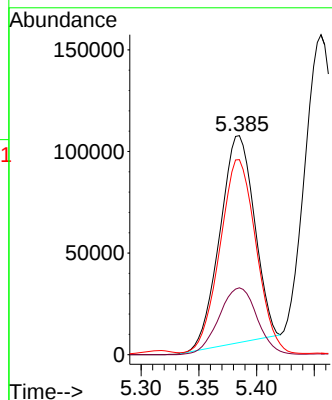
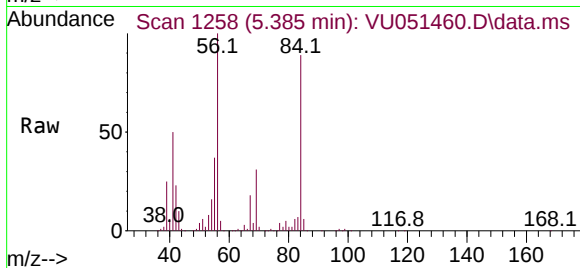
Tgt Ion: 56 Resp: 212641

Ion Ratio Lower Upper

56 100

69 35.2 25.0 37.4

84 97.6 68.5 102.7



#20

Methylcyclohexane

Concen: 8.901 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

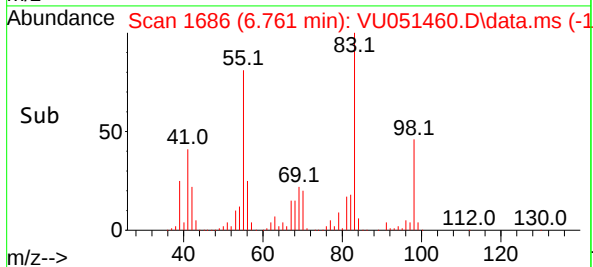
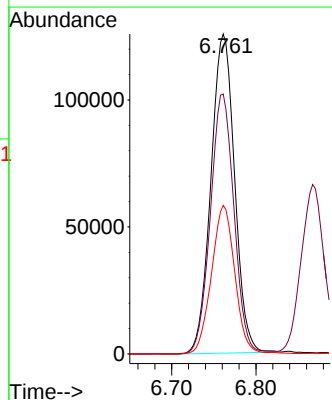
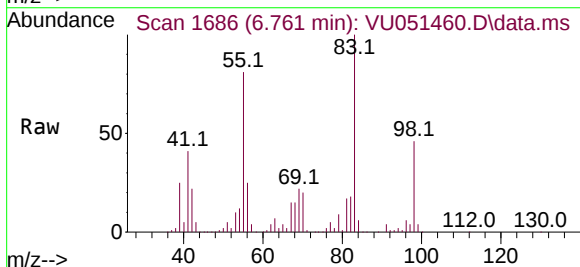
Tgt Ion: 83 Resp: 244863

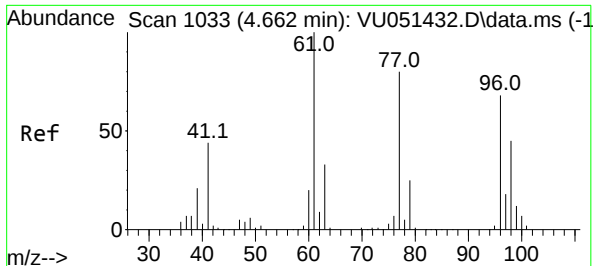
Ion Ratio Lower Upper

83 100

55 80.2 62.4 93.6

98 45.9 35.5 53.3





#21

2,2-Dichloropropane

Concen: 9.421 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

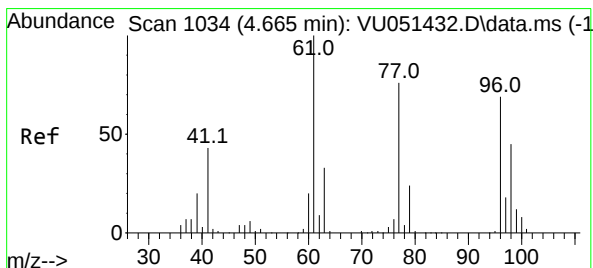
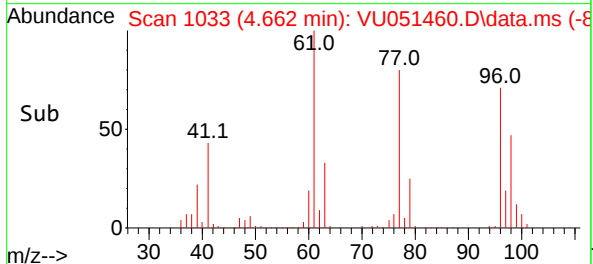
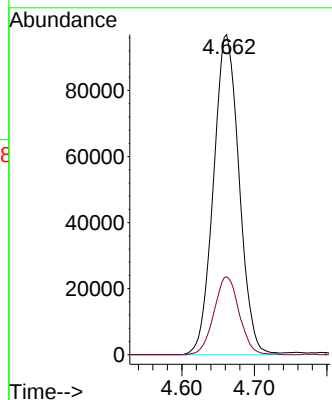
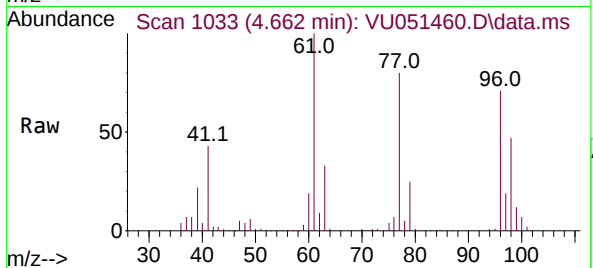
VSTDCCC010EC

Tgt Ion: 77 Resp: 237861

Ion Ratio Lower Upper

77 100

97 24.0 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 10.140 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

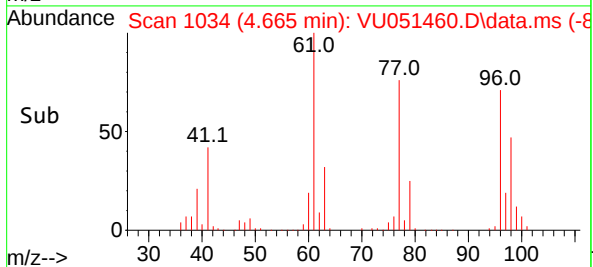
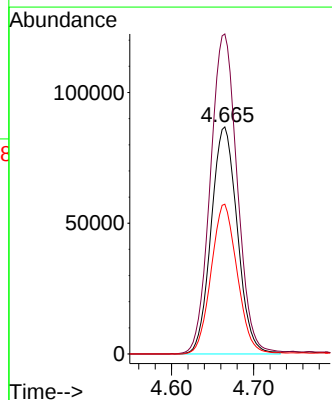
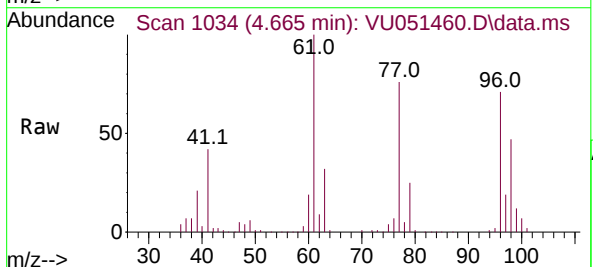
Tgt Ion: 96 Resp: 192943

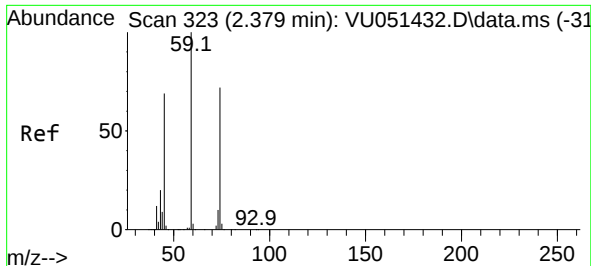
Ion Ratio Lower Upper

96 100

61 144.9 0.0 362.8

98 65.6 32.5 97.5

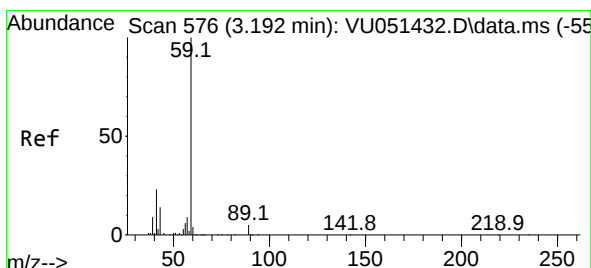
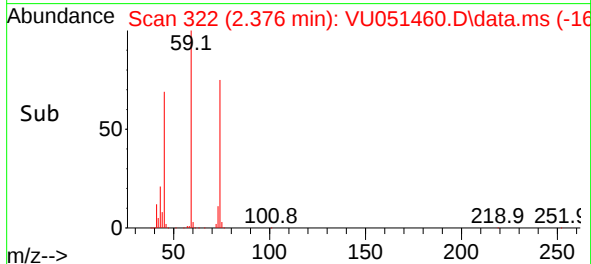
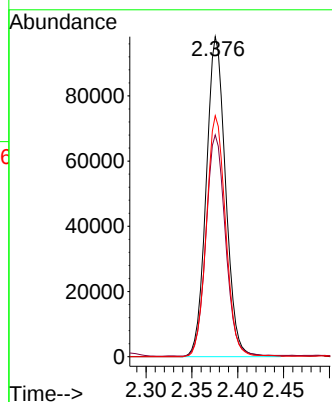
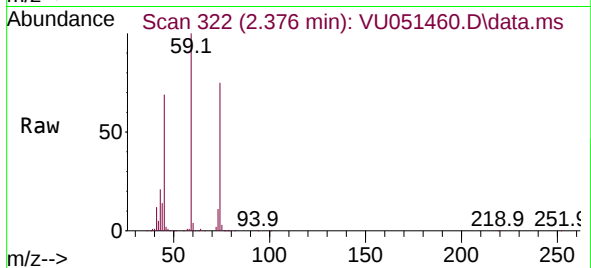




#23
Diethyl Ether
Concen: 9.405 ug/l
RT: 2.376 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

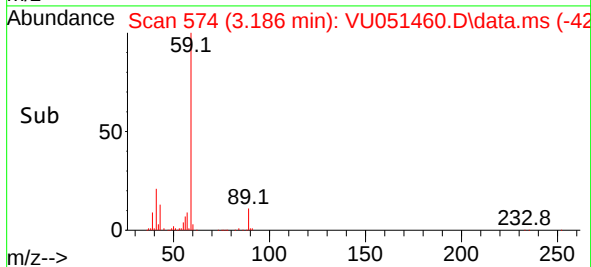
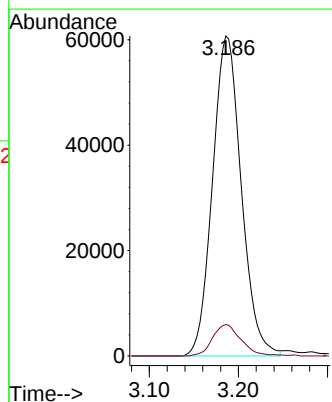
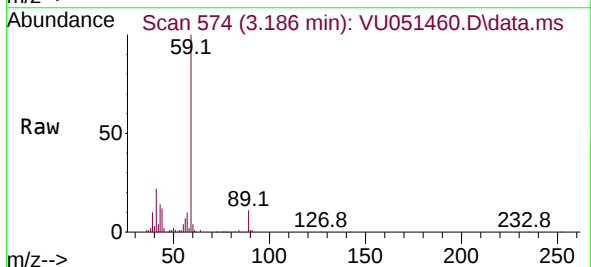
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

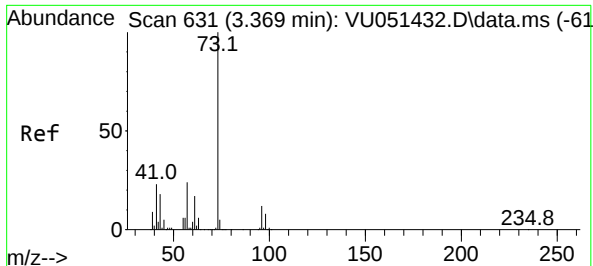
Tgt Ion: 59 Resp: 144040
Ion Ratio Lower Upper
59 100
45 69.6 55.7 83.5
74 75.0 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 84.761 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.006 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 59 Resp: 136133
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

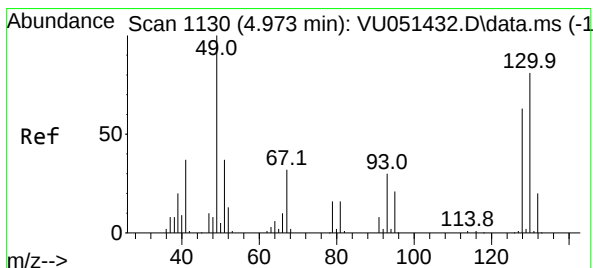
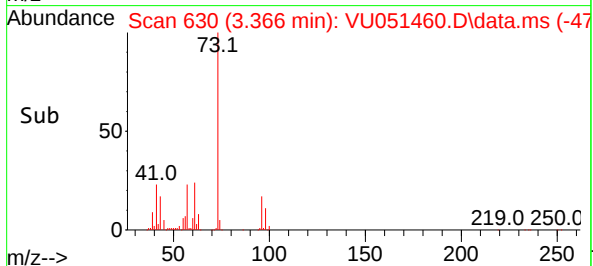
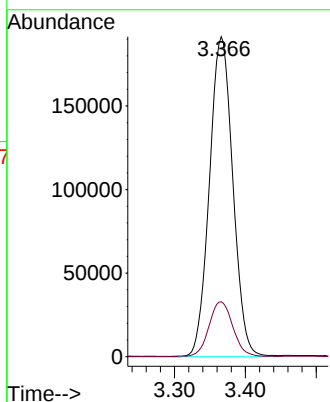
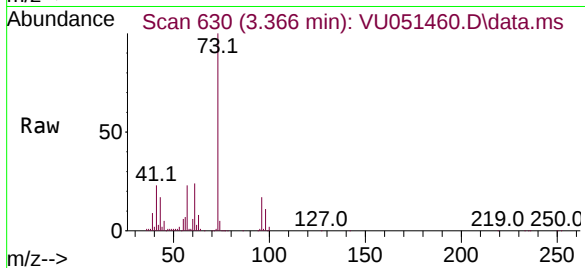




#25
Methyl tert-Butyl Ether
Concen: 9.631 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

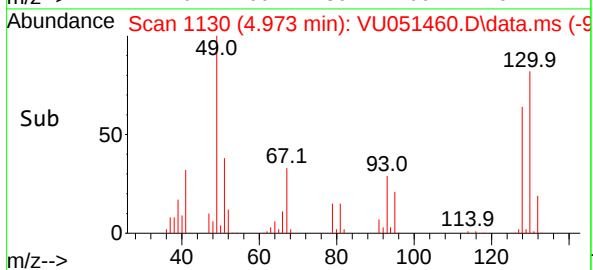
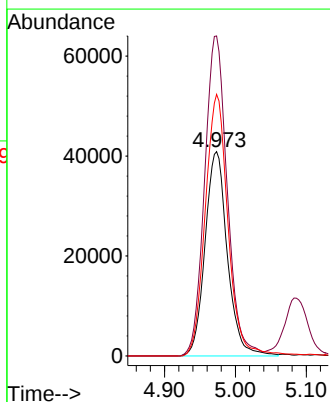
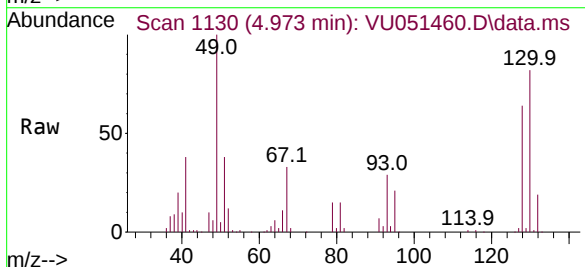
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

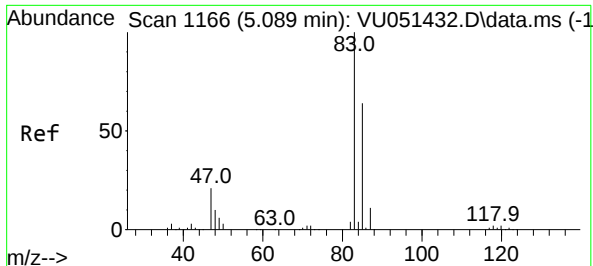
Tgt Ion: 73 Resp: 439365
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4



#26
Bromochloromethane
Concen: 9.654 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 128 Resp: 89547
Ion Ratio Lower Upper
128 100
49 158.4 0.0 320.4
130 130.9 105.0 157.6





#27

Chloroform

Concen: 9.584 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

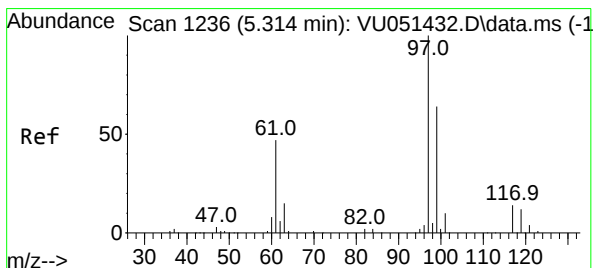
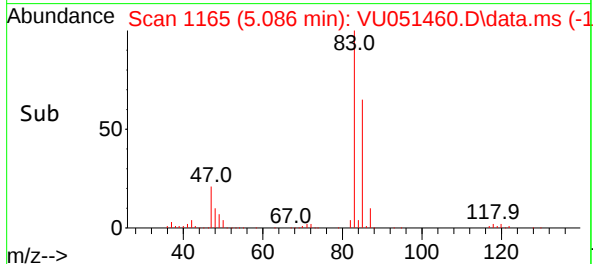
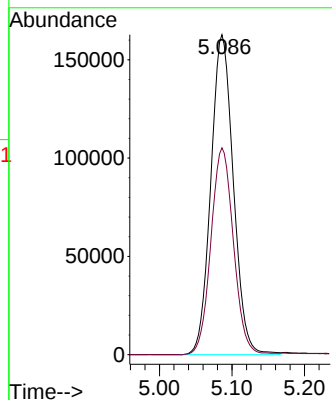
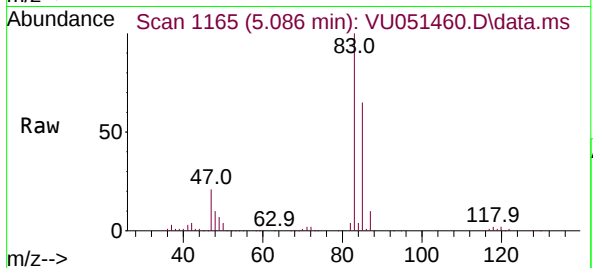
VSTDCCC010EC

Tgt Ion: 83 Resp: 350970

Ion Ratio Lower Upper

83 100

85 64.6 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 9.401 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

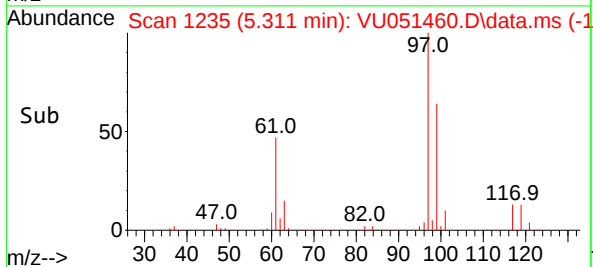
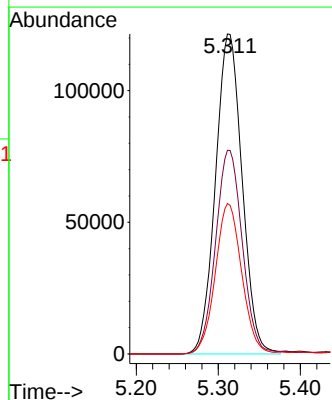
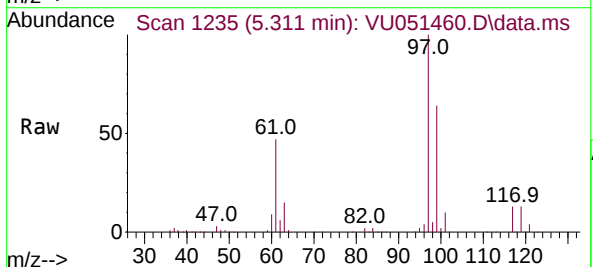
Tgt Ion: 97 Resp: 274795

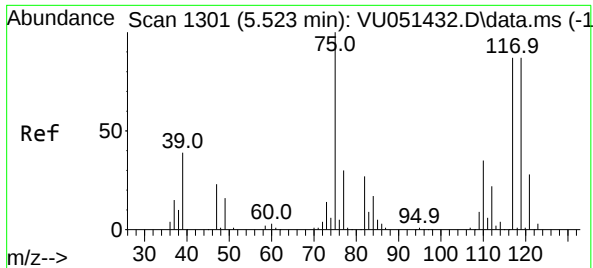
Ion Ratio Lower Upper

97 100

99 63.9 31.8 95.4

61 46.5 23.6 71.0





#29

1,1-Dichloropropene

Concen: 10.298 ug/l

RT: 5.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

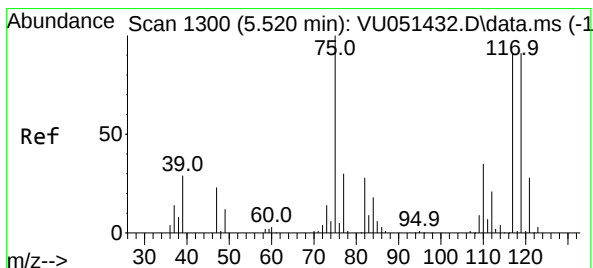
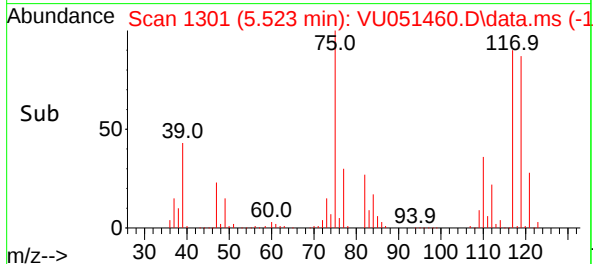
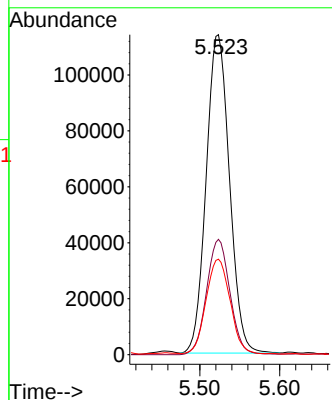
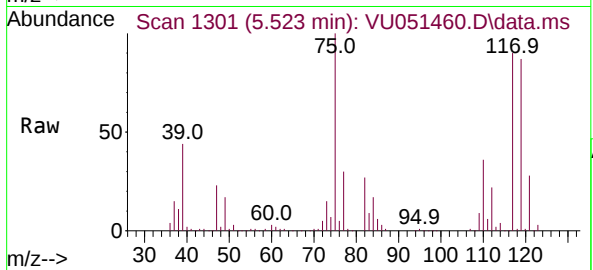
Tgt Ion: 75 Resp: 230541

Ion Ratio Lower Upper

75 100

110 36.4 17.8 53.3

77 30.4 24.2 36.4



#30

Carbon Tetrachloride

Concen: 9.300 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

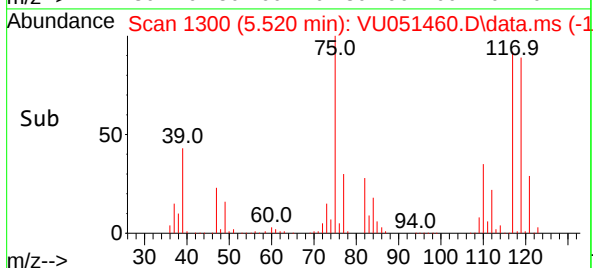
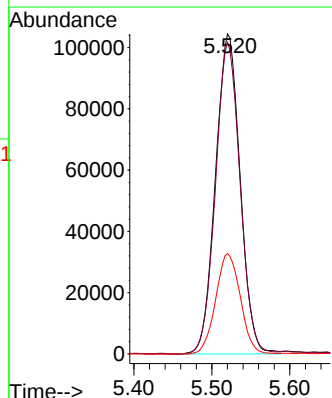
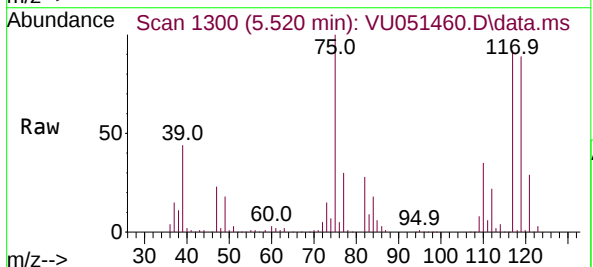
Tgt Ion: 117 Resp: 229369

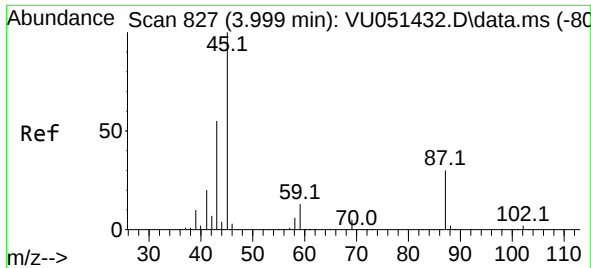
Ion Ratio Lower Upper

117 100

119 97.4 80.0 120.0

121 31.4 24.9 37.3

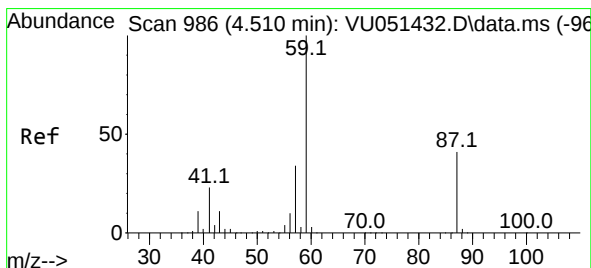
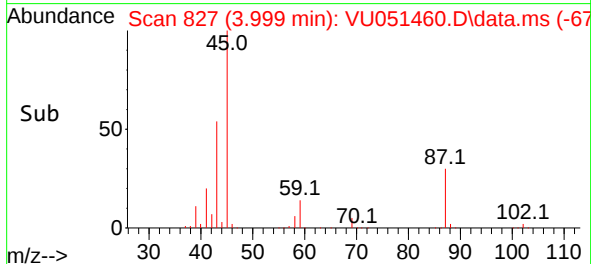
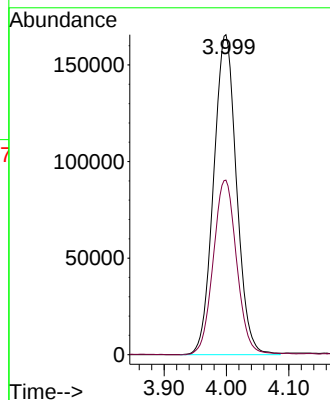
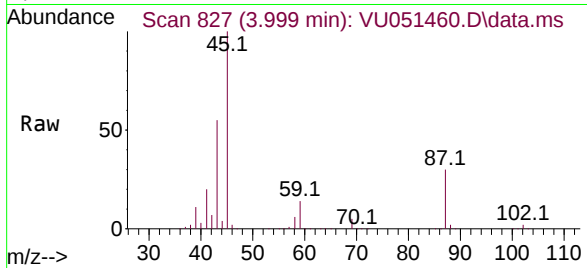




#31
Isopropyl Ether
Concen: 9.885 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

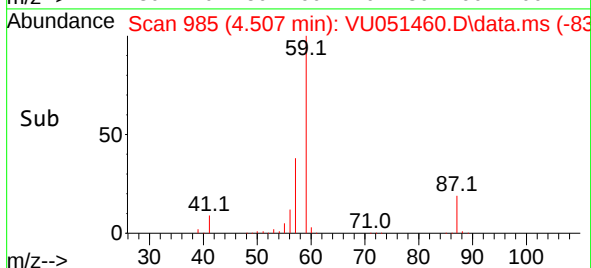
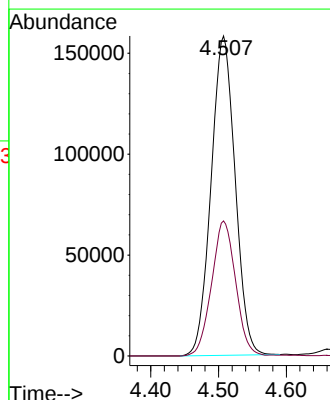
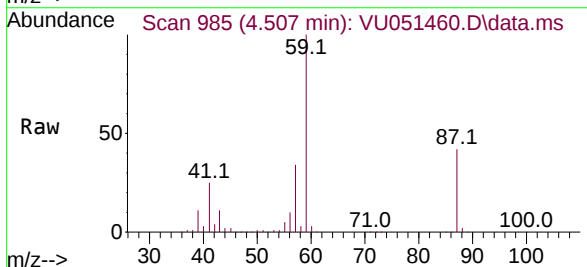
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

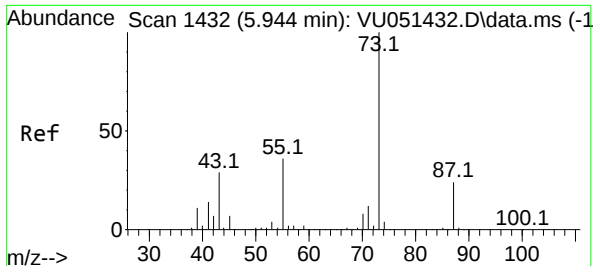
Tgt Ion: 45 Resp: 422801
Ion Ratio Lower Upper
45 100
43 55.8 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 9.969 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 59 Resp: 389350
Ion Ratio Lower Upper
59 100
87 42.0 33.8 50.8

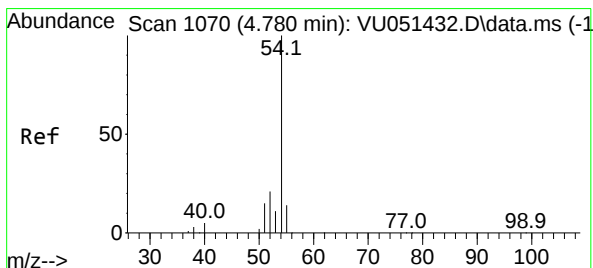
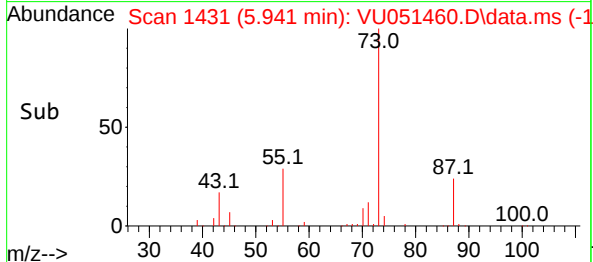
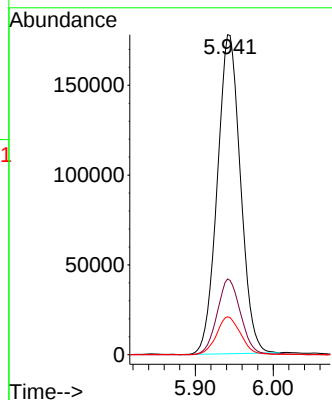
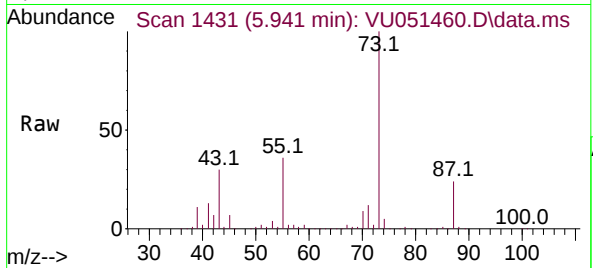




#33
Tert-Amyl methyl ether
Concen: 10.693 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

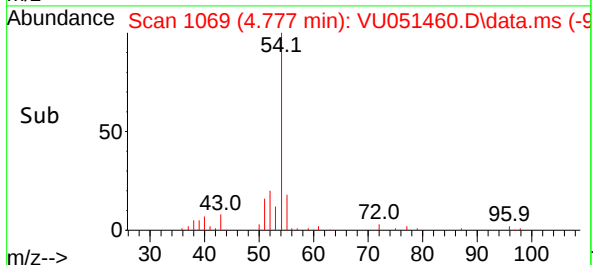
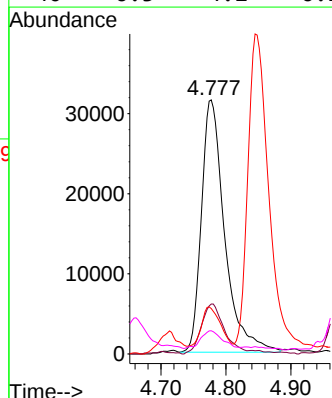
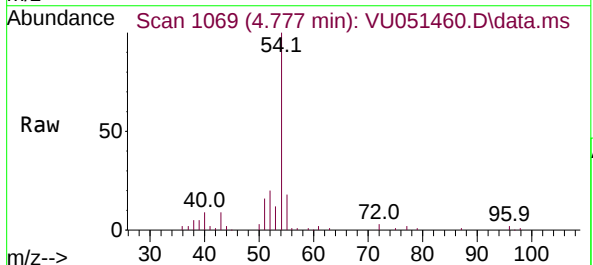
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

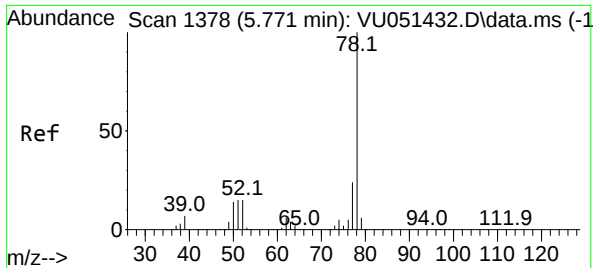
Tgt Ion: 73 Resp: 366946
Ion Ratio Lower Upper
73 100
87 23.7 18.9 28.3
71 12.2 9.4 14.2



#34
Propionitrile
Concen: 51.710 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 54 Resp: 78399
Ion Ratio Lower Upper
54 100
52 19.6 16.4 24.6
55 15.7 11.5 17.3
40 6.3 4.2 6.2#

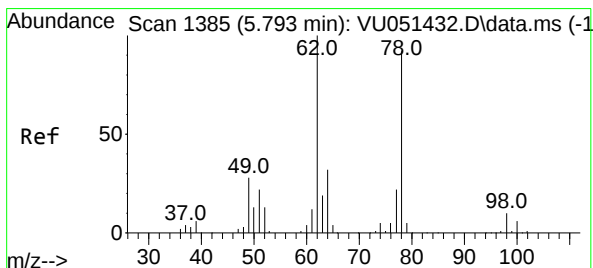
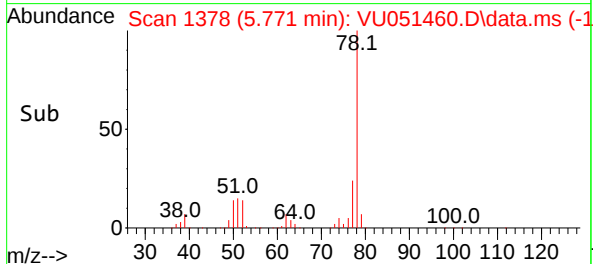
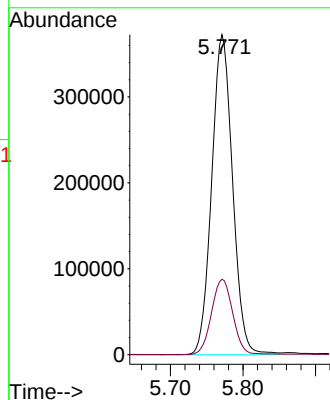
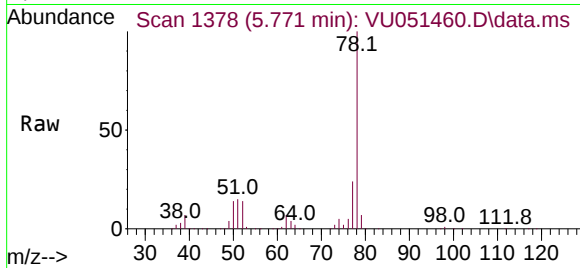




#35
Benzene
Concen: 9.905 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

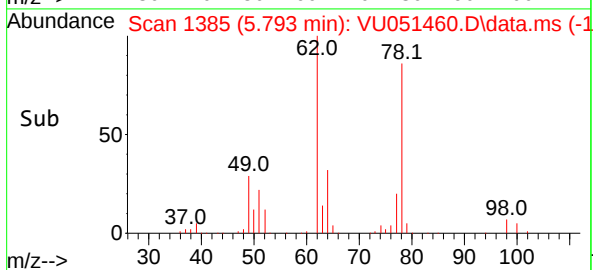
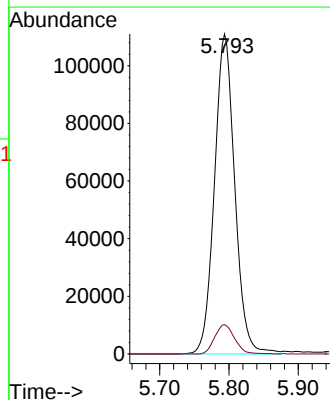
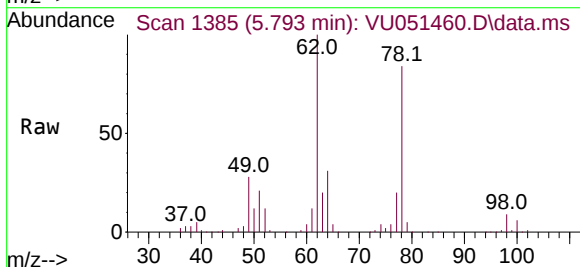
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 744107
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



#36
1,2-Dichloroethane
Concen: 9.759 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 62 Resp: 226200
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2





#37

Trichloroethene

Concen: 9.615 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

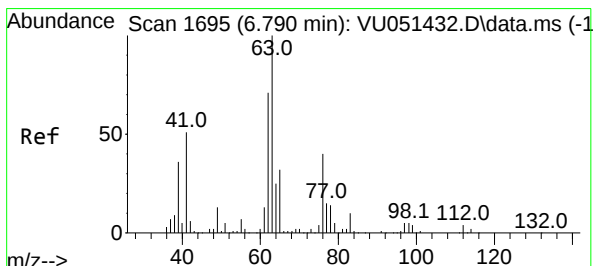
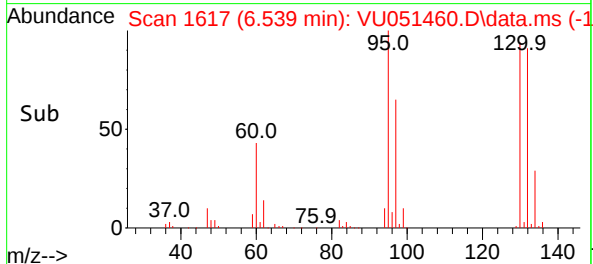
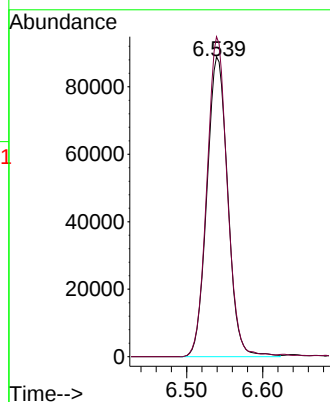
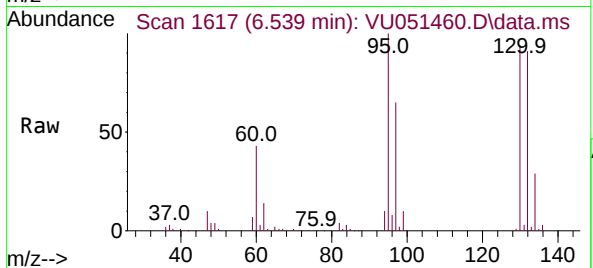
VSTDCCC010EC

Tgt Ion:130 Resp: 169543

Ion Ratio Lower Upper

130 100

95 106.7 80.2 120.4



#38

1,2-Dichloropropane

Concen: 9.927 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051460.D

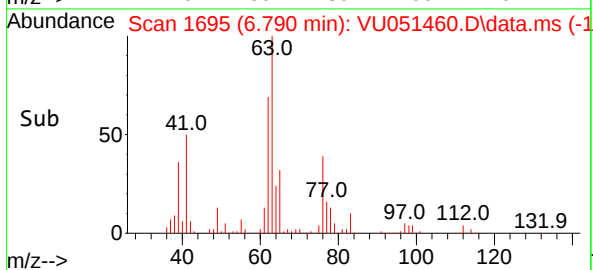
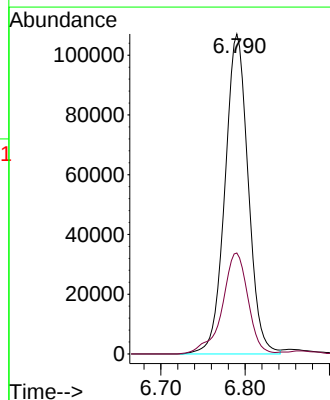
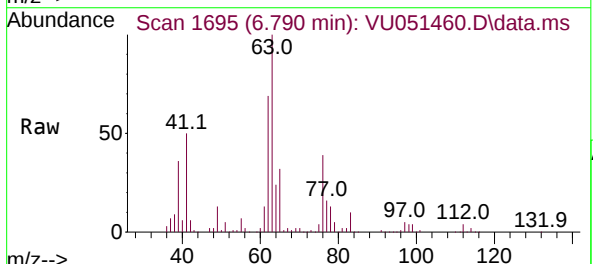
Acq: 19 Oct 2022 16:25

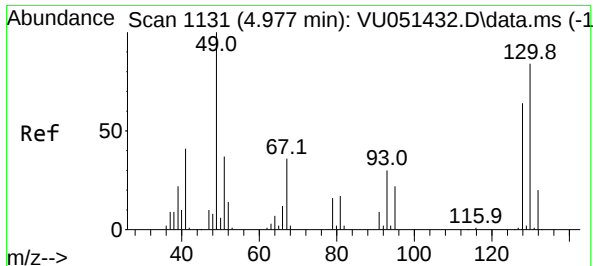
Tgt Ion: 63 Resp: 204612

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2





#39

Methacrylonitrile

Concen: 10.484 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 54324

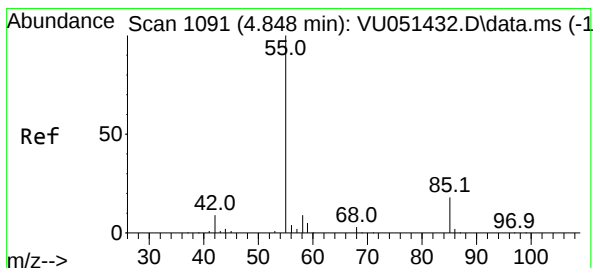
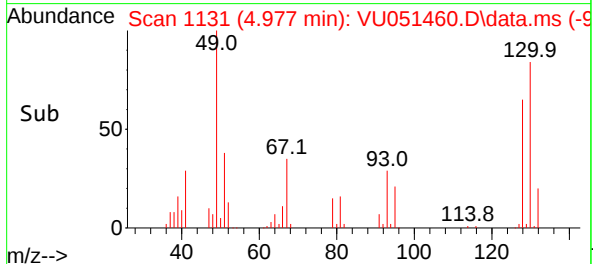
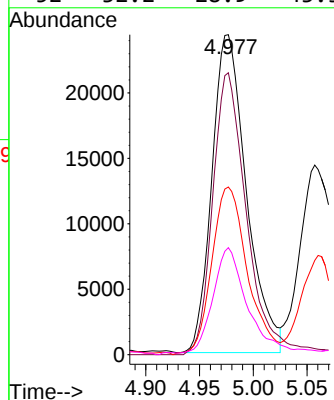
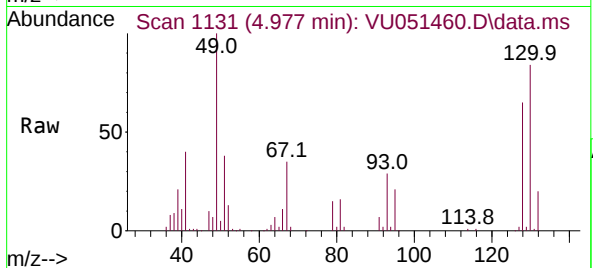
Ion Ratio Lower Upper

41 100

67 87.8 69.6 104.4

39 54.3 42.2 63.4

52 32.2 28.9 43.3



#40

Methyl acrylate

Concen: 10.597 ug/l

RT: 4.845 min Scan# 1090

Delta R.T. -0.003 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Tgt Ion: 55 Resp: 87563

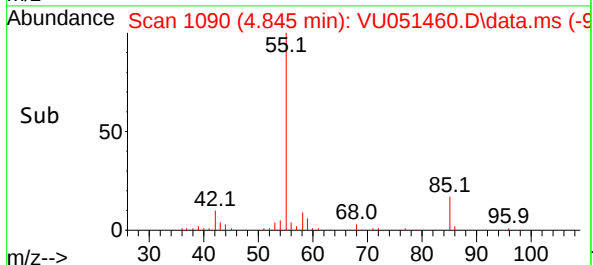
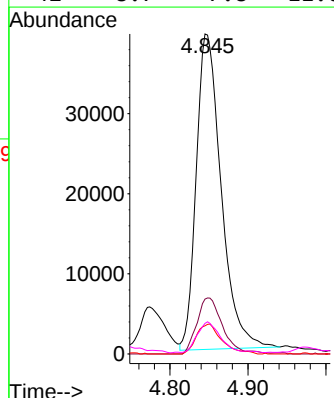
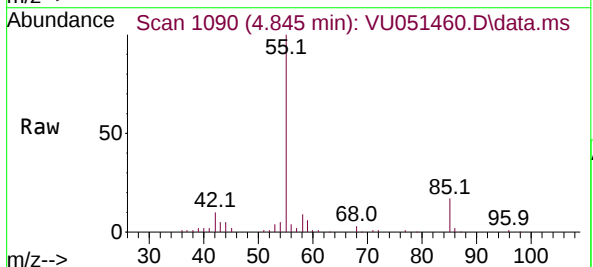
Ion Ratio Lower Upper

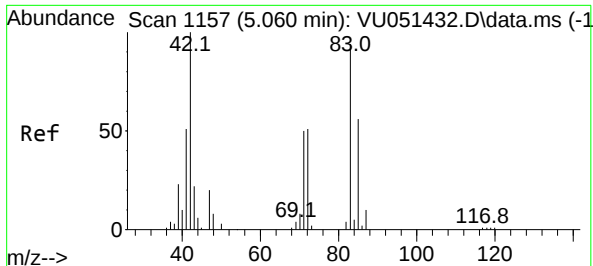
55 100

85 17.9 15.0 22.6

58 9.6 7.5 11.3

42 8.7 7.8 11.6





#41

Tetrahydrofuran

Concen: 19.706 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

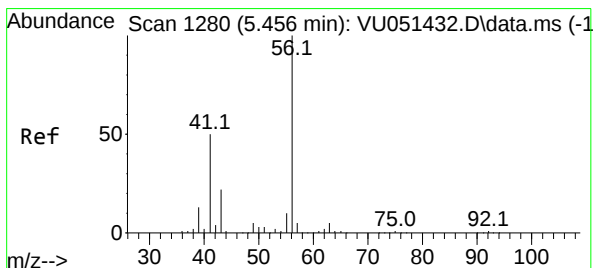
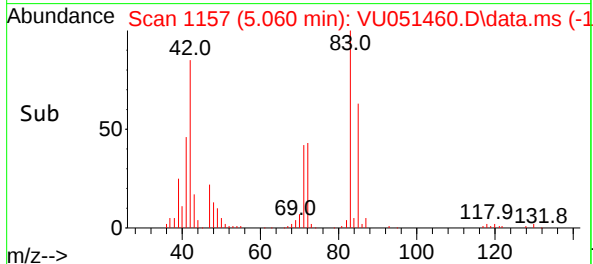
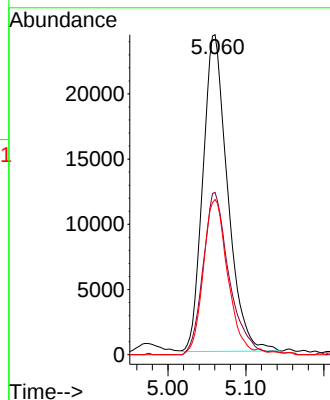
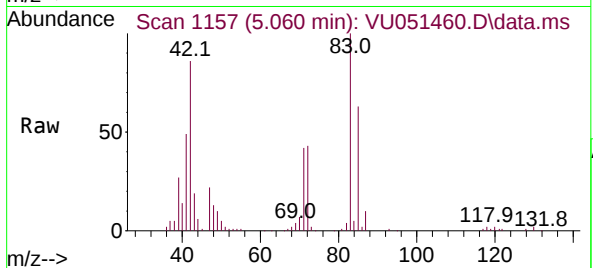
Tgt Ion: 42 Resp: 53619

Ion Ratio Lower Upper

42 100

72 53.5 42.6 64.0

71 48.1 38.3 57.5



#42

1-Chlorobutane

Concen: 10.305 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VU051460.D

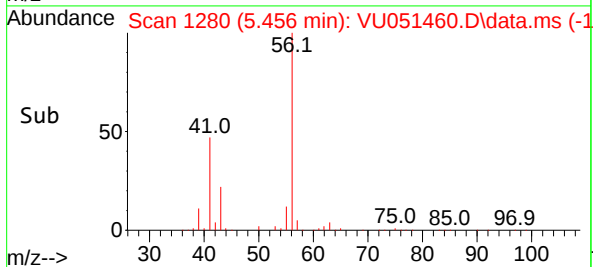
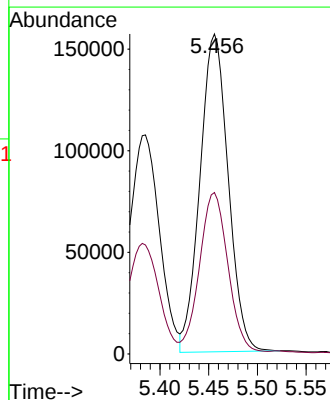
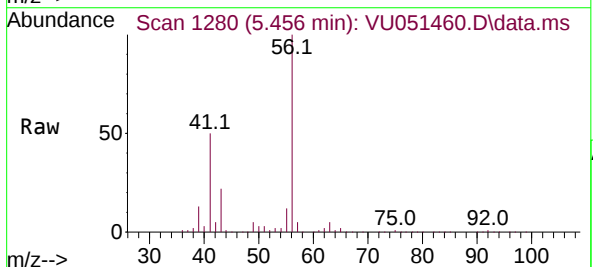
Acq: 19 Oct 2022 16:25

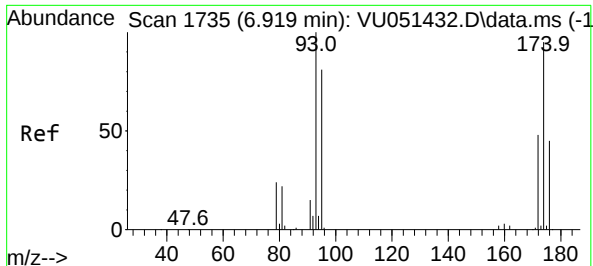
Tgt Ion: 56 Resp: 314891

Ion Ratio Lower Upper

56 100

41 50.1 24.8 74.4

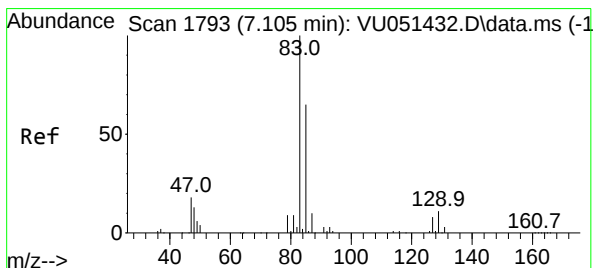
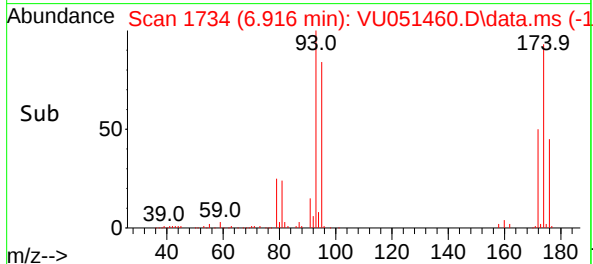
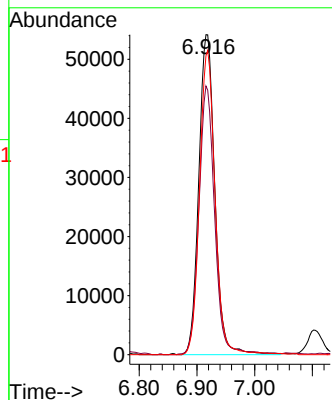
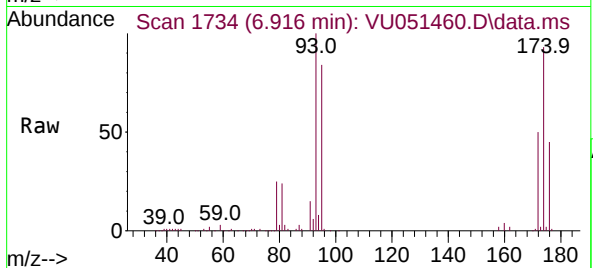




#43
Dibromomethane
Concen: 9.772 ug/l
RT: 6.916 min Scan# 1734
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

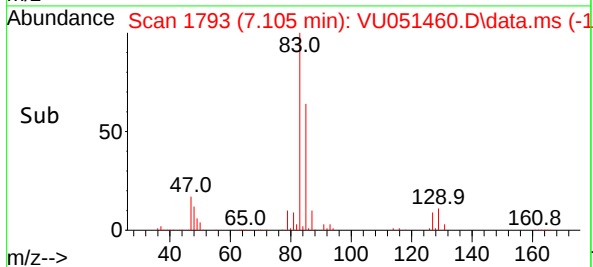
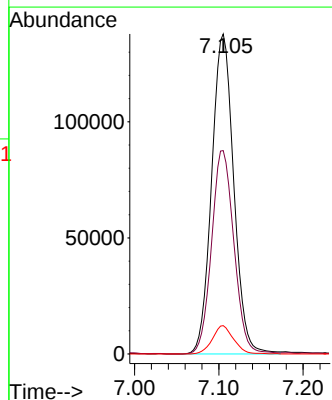
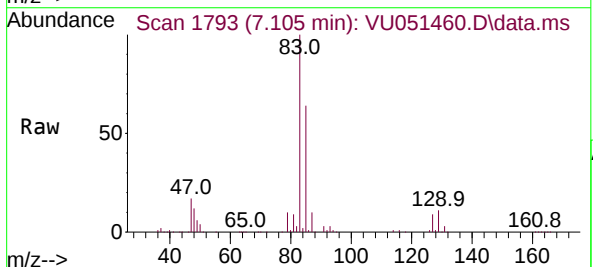
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

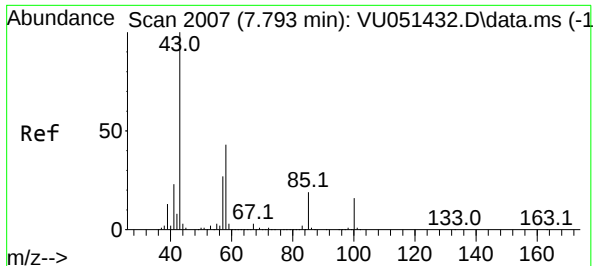
Tgt Ion: 93 Resp: 104523
Ion Ratio Lower Upper
93 100
95 82.6 66.7 100.1
174 91.6 75.5 113.3



#44
Bromodichloromethane
Concen: 9.709 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 83 Resp: 251318
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1
127 8.8 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 53.131 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

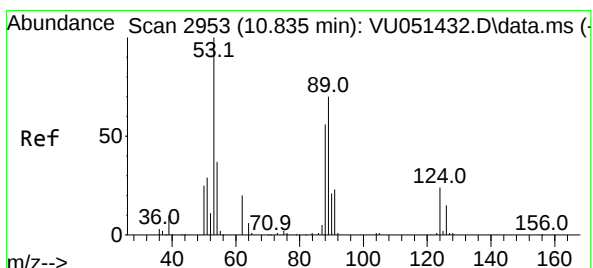
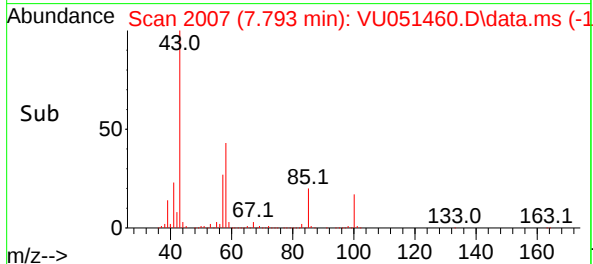
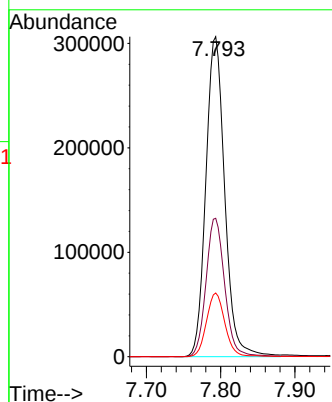
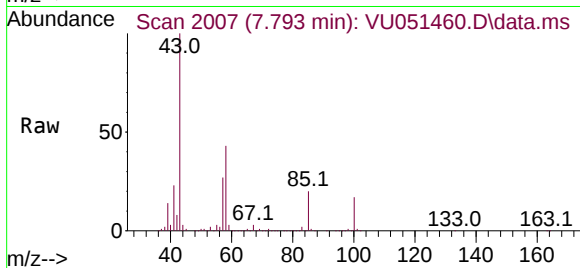
Tgt Ion: 43 Resp: 541001

Ion Ratio Lower Upper

43 100

58 43.0 21.4 64.3

85 19.6 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 42.884 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.013 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Tgt Ion: 75 Resp: 243710

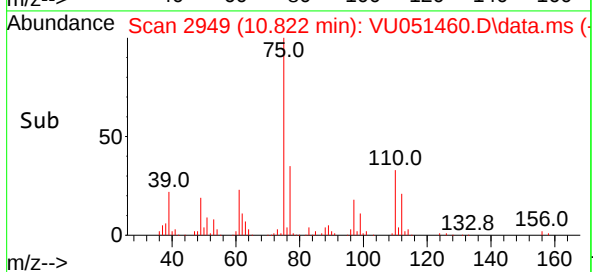
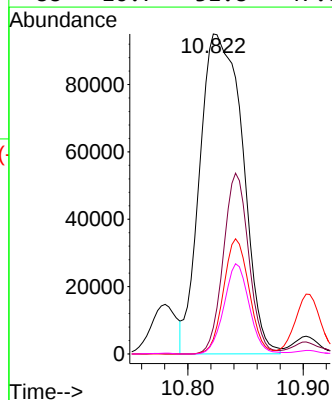
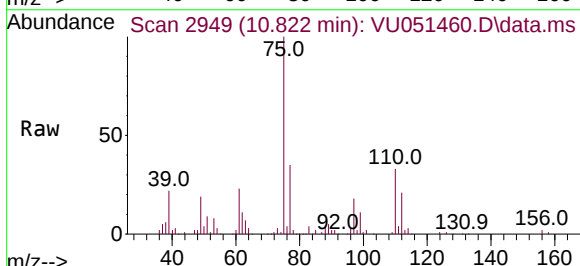
Ion Ratio Lower Upper

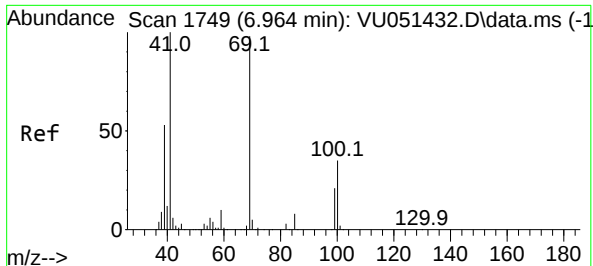
75 100

53 33.8 61.1 91.7#

89 21.7 41.0 61.6#

88 16.7 31.8 47.8#





#47

Methyl methacrylate

Concen: 18.484 ug/l

RT: 6.961 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 185722

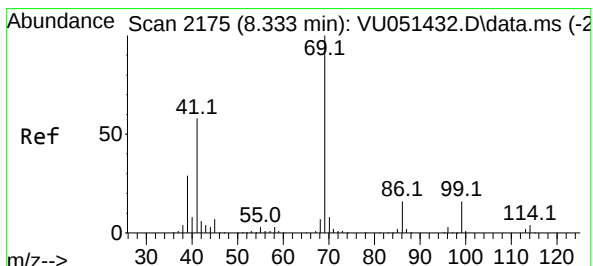
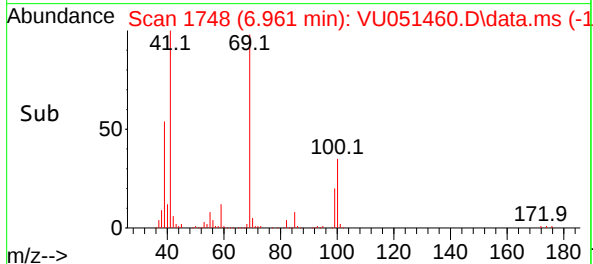
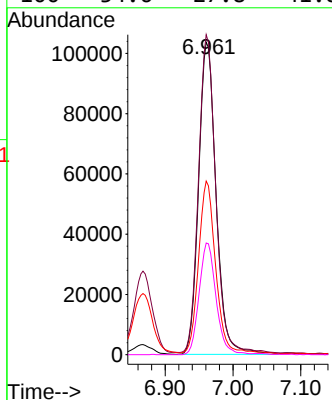
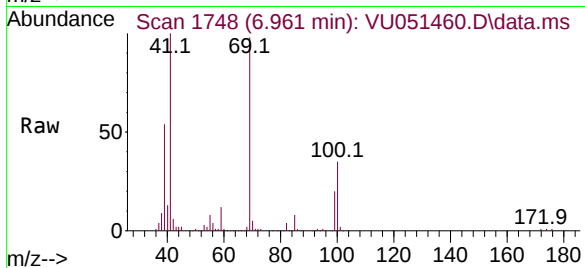
Ion Ratio Lower Upper

69 100

41 100.1 0.0 200.8

39 54.3 44.1 66.1

100 34.6 27.8 41.8



#48

Ethyl methacrylate

Concen: 8.820 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051460.D

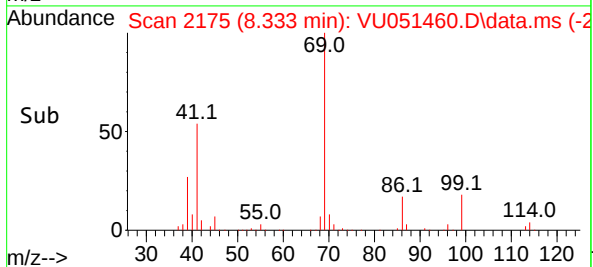
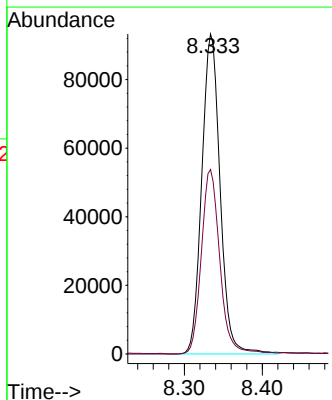
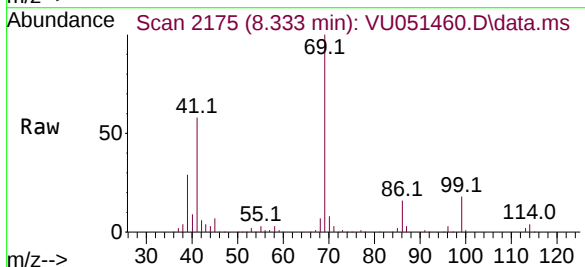
Acq: 19 Oct 2022 16:25

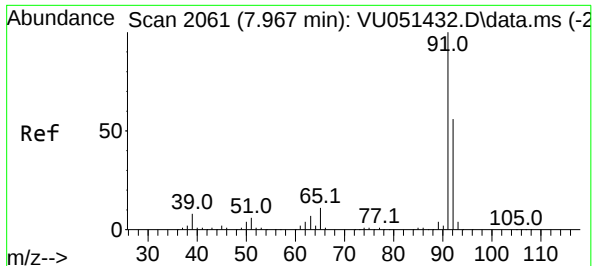
Tgt Ion: 69 Resp: 152419

Ion Ratio Lower Upper

69 100

41 57.9 28.8 86.5

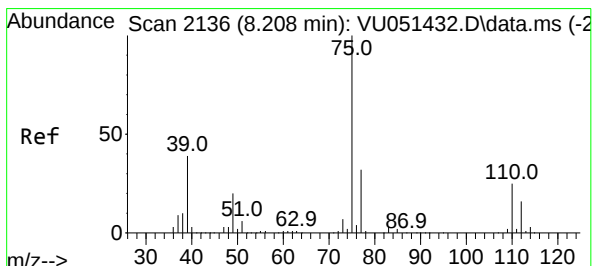
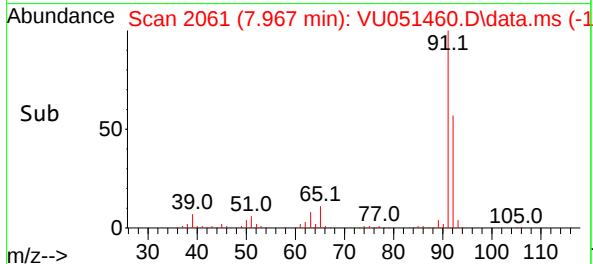
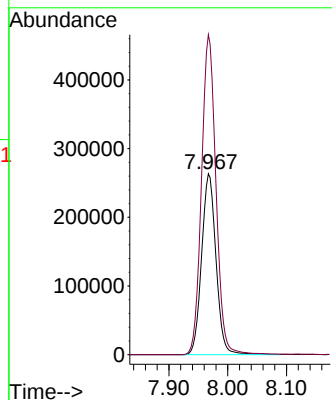
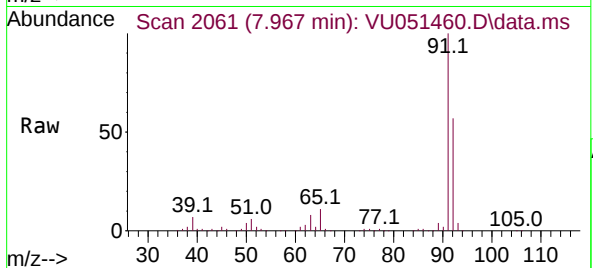




#49
Toluene
Concen: 10.875 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

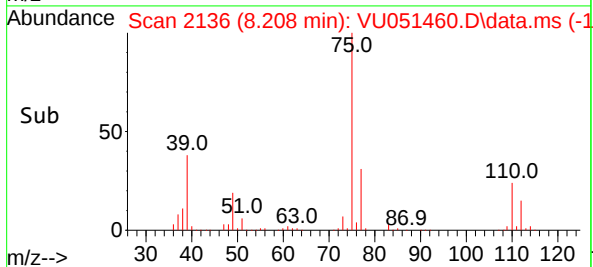
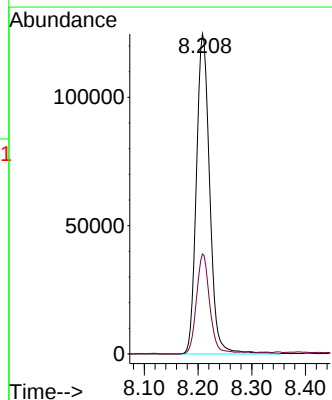
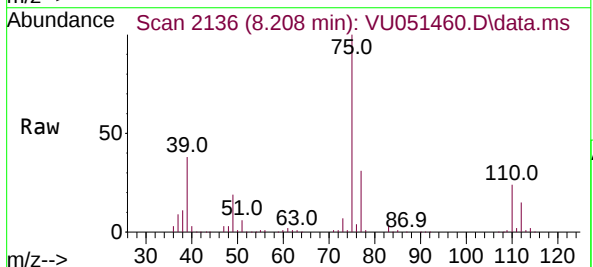
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

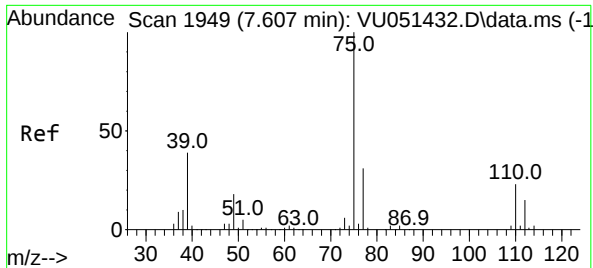
Tgt Ion: 92 Resp: 448024
Ion Ratio Lower Upper
92 100
91 178.1 141.8 212.6



#50
t-1,3-Dichloropropene
Concen: 10.286 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 75 Resp: 214141
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6

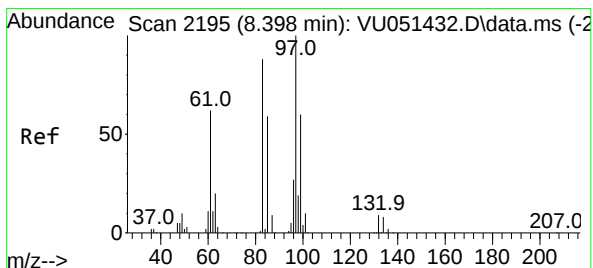
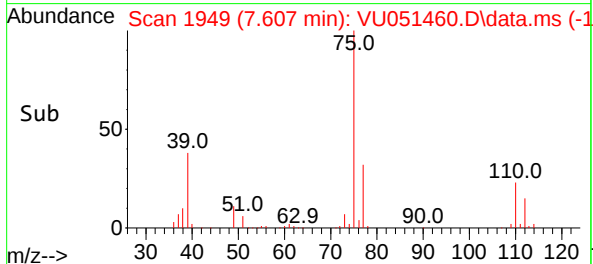
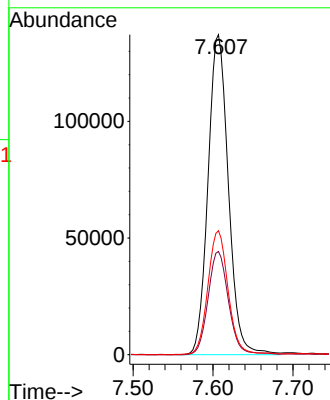
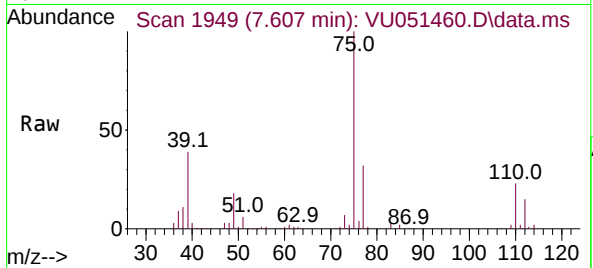




#51
 cis-1,3-Dichloropropene
 Concen: 9.900 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

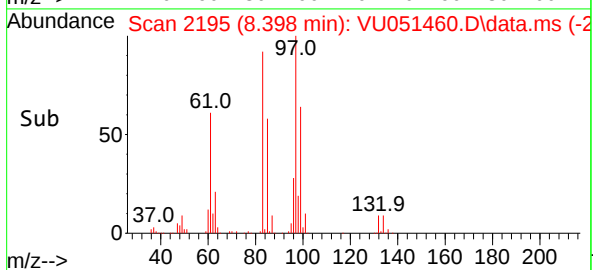
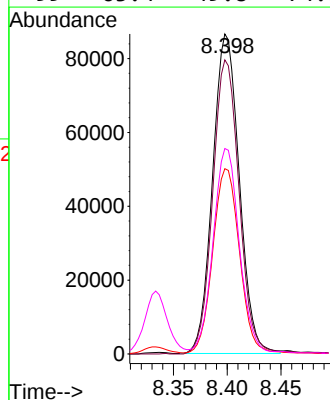
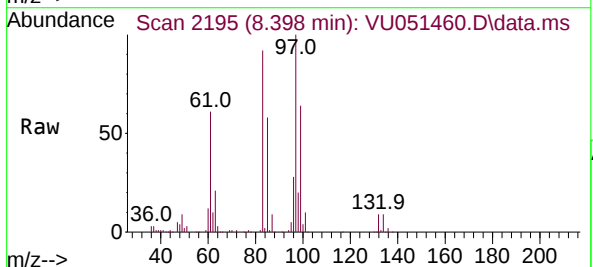
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

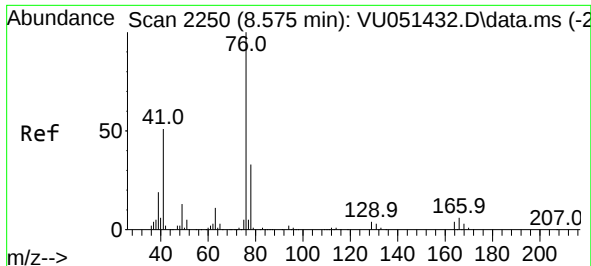
Tgt Ion: 75 Resp: 242985
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7
 39 38.6 31.4 47.0



#52
 1,1,2-Trichloroethane
 Concen: 9.772 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

Tgt Ion: 97 Resp: 149257
 Ion Ratio Lower Upper
 97 100
 83 92.0 70.6 105.8
 85 57.6 47.0 70.4
 99 63.4 49.8 74.8





#53

1,3-Dichloropropane

Concen: 10.131 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

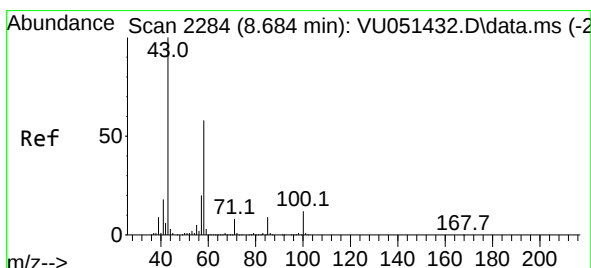
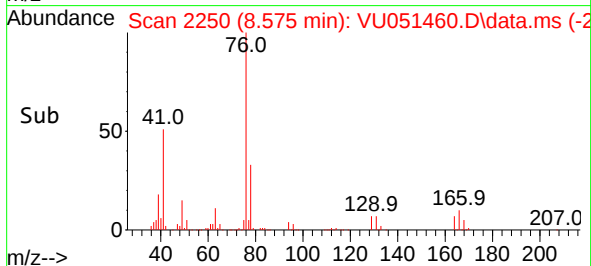
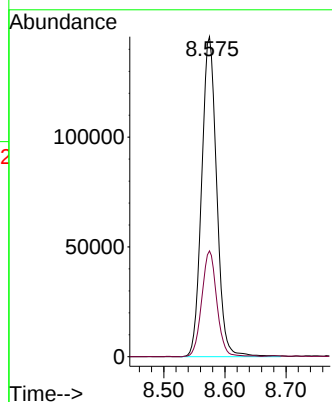
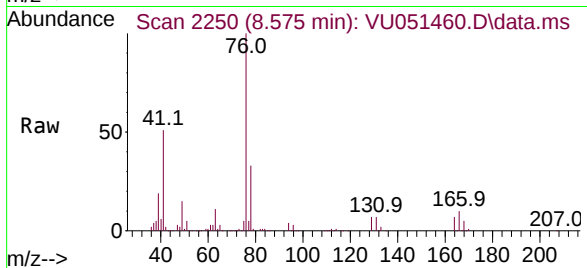
VSTDCCC010EC

Tgt Ion: 76 Resp: 249371

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#54

2-Hexanone

Concen: 44.344 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

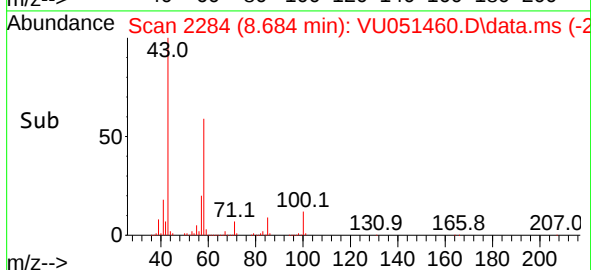
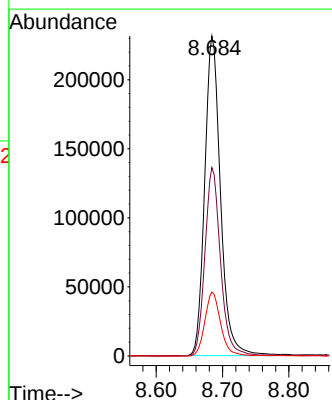
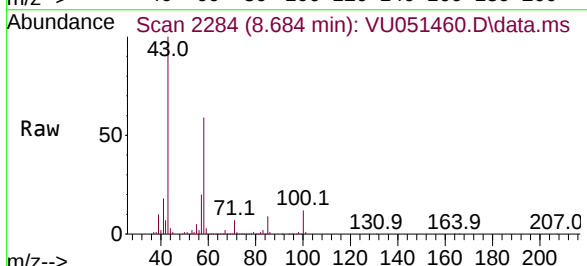
Tgt Ion: 43 Resp: 383678

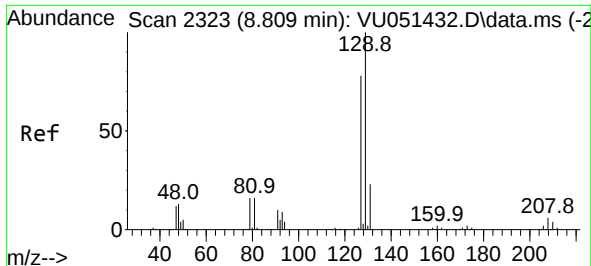
Ion Ratio Lower Upper

43 100

58 58.0 38.0 78.0

57 20.0 0.0 39.9

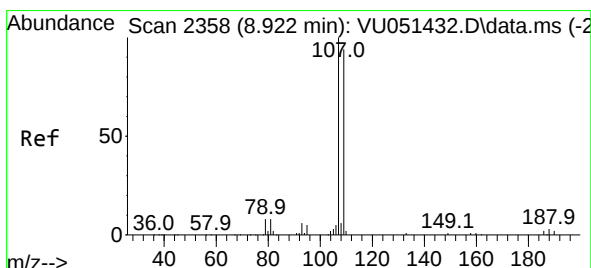
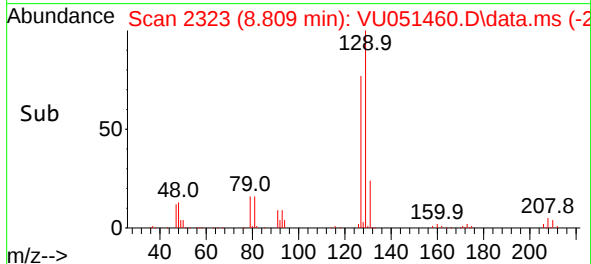
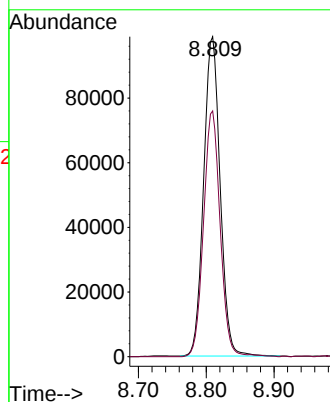
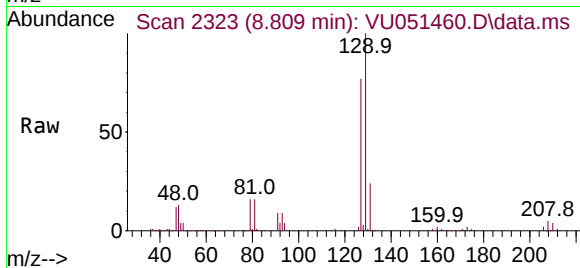




#55
Dibromochloromethane
Concen: 10.069 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

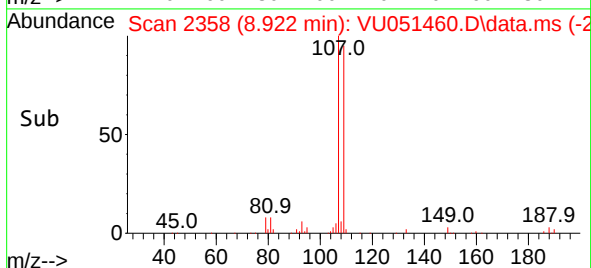
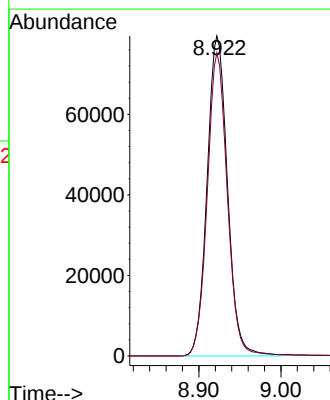
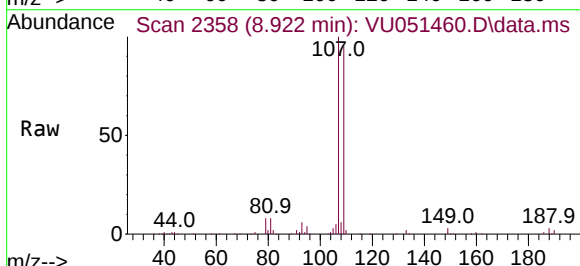
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

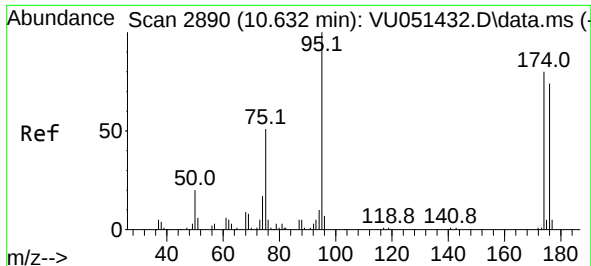
Tgt Ion:129 Resp: 167235
Ion Ratio Lower Upper
129 100
127 77.5 62.1 93.1



#56
1,2-Dibromoethane
Concen: 10.217 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:107 Resp: 137213
Ion Ratio Lower Upper
107 100
109 93.4 0.0 190.6

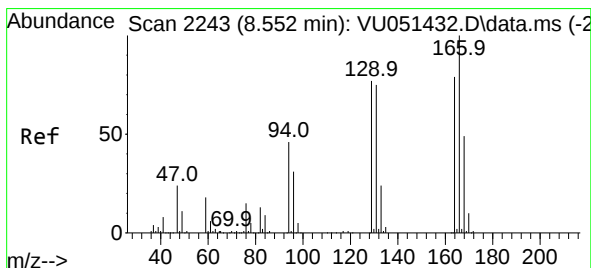
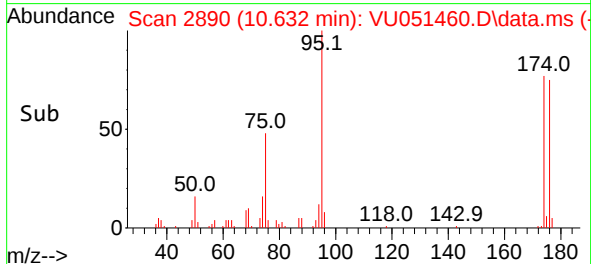
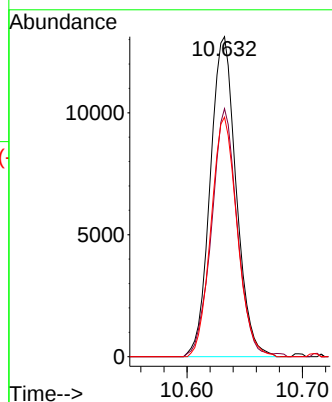
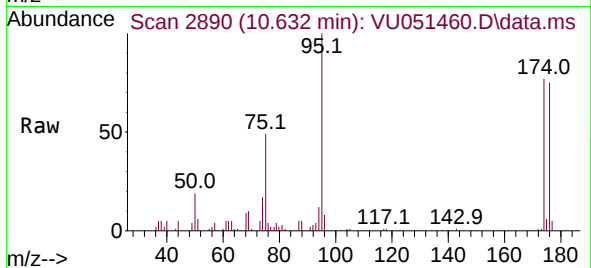




#57
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

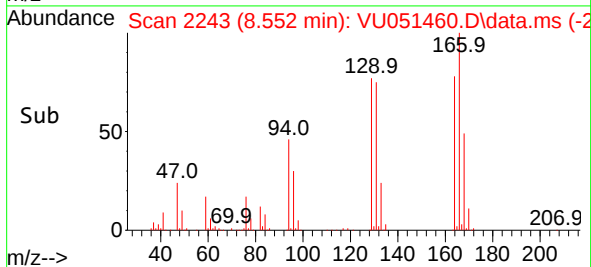
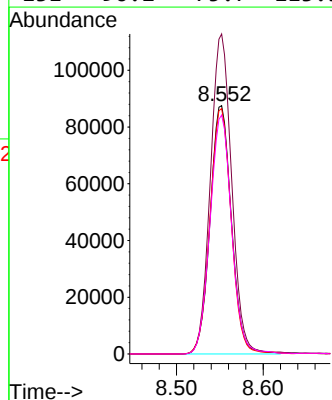
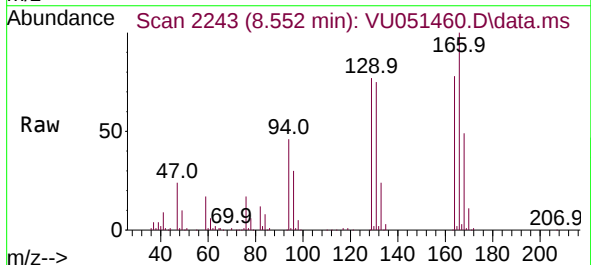
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

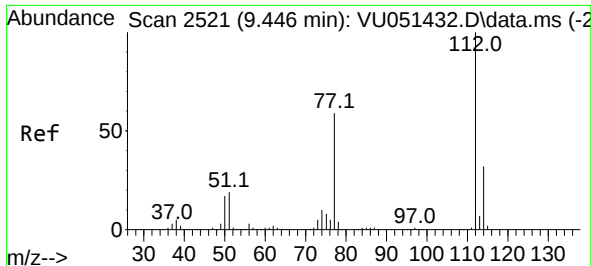
Tgt Ion: 95 Resp: 20472
Ion Ratio Lower Upper
95 100
174 76.3 63.0 94.6
176 75.4 59.8 89.6



#58
Tetrachloroethene
Concen: 9.759 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 164 Resp: 149958
Ion Ratio Lower Upper
164 100
166 128.9 100.9 151.3
129 98.9 77.5 116.3
131 96.2 75.7 113.5

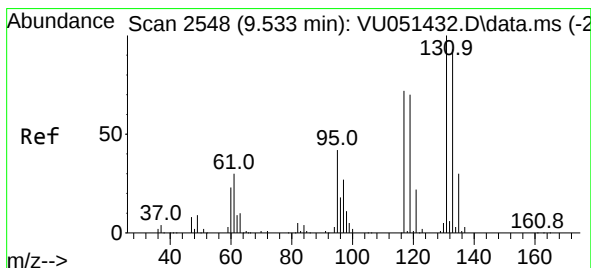
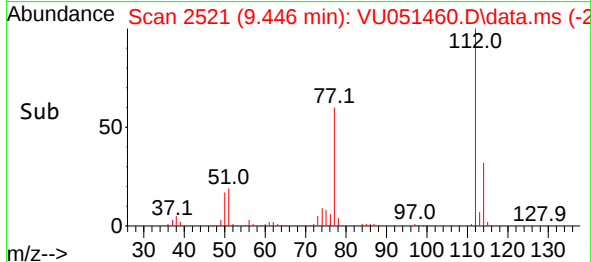
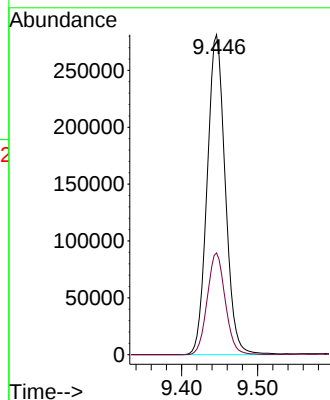
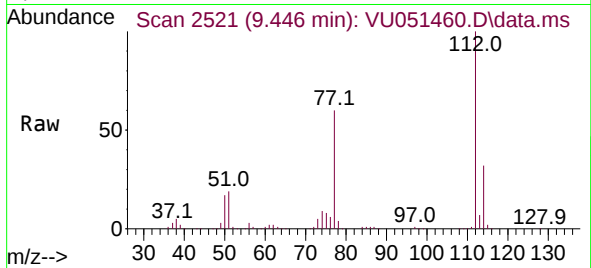




#59
Chlorobenzene
Concen: 10.273 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

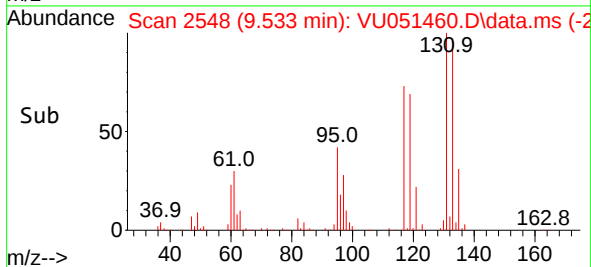
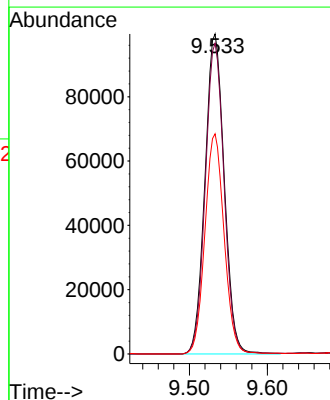
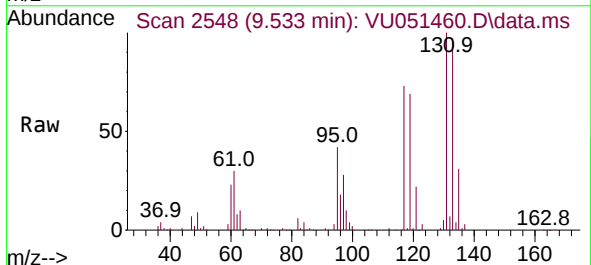
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

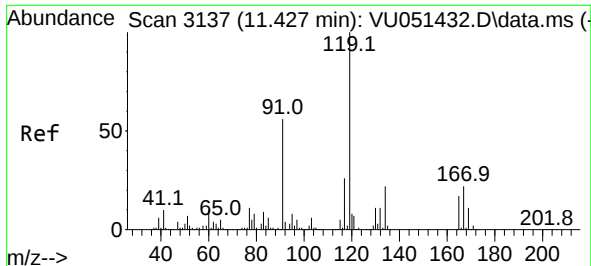
Tgt Ion:112 Resp: 464645
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 9.874 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:131 Resp: 171130
Ion Ratio Lower Upper
131 100
133 94.6 76.5 114.7
119 68.4 56.5 84.7

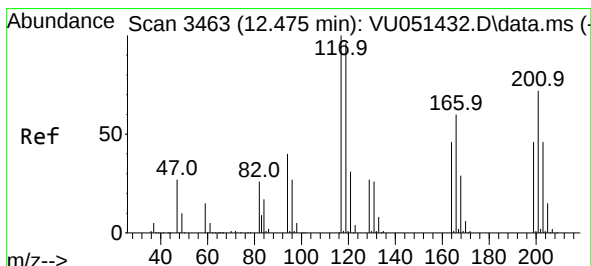
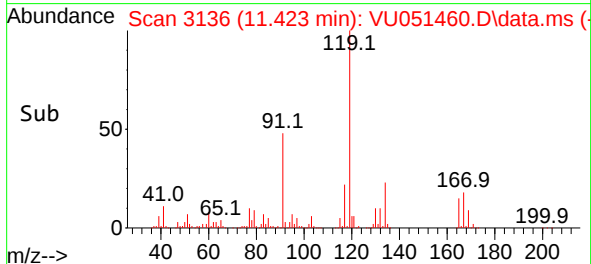
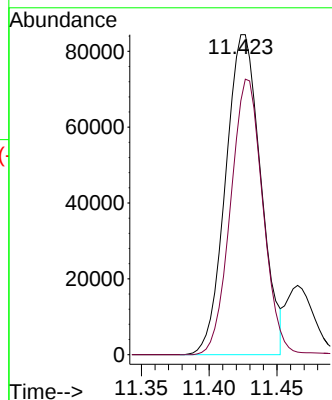
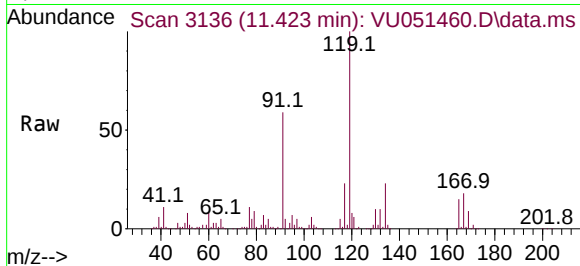




#61
 Pentachloroethane
 Concen: 9.848 ug/l
 RT: 11.423 min Scan# 3137
 Delta R.T. -0.004 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

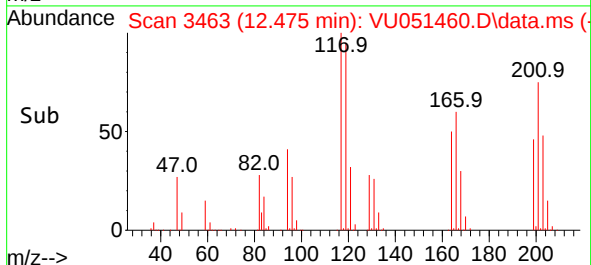
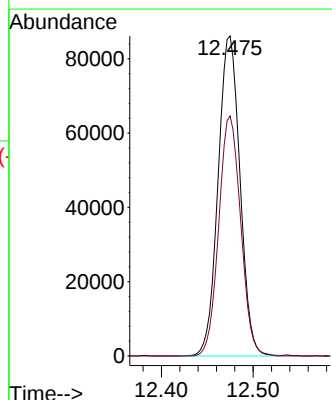
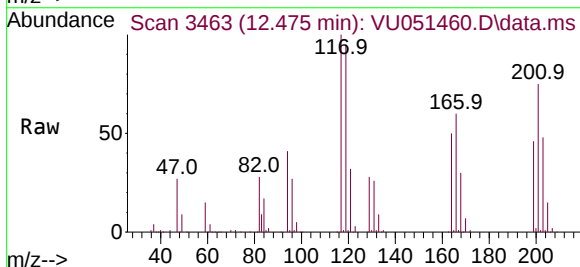
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

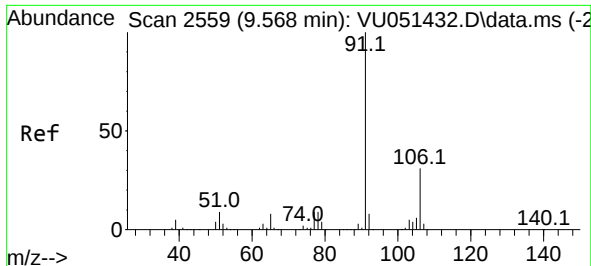
Tgt Ion:117 Resp: 152080
 Ion Ratio Lower Upper
 117 100
 167 79.3 63.3 94.9



#62
 Hexachloroethane
 Concen: 9.740 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

Tgt Ion:117 Resp: 142841
 Ion Ratio Lower Upper
 117 100
 201 74.9 57.4 86.2

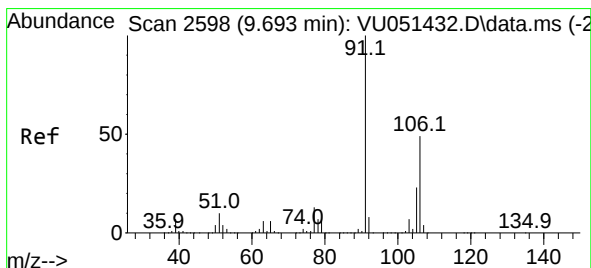
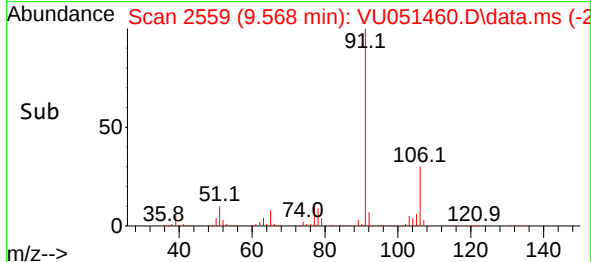
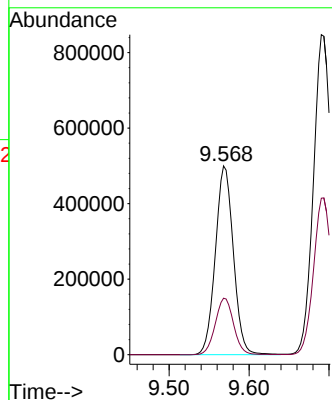
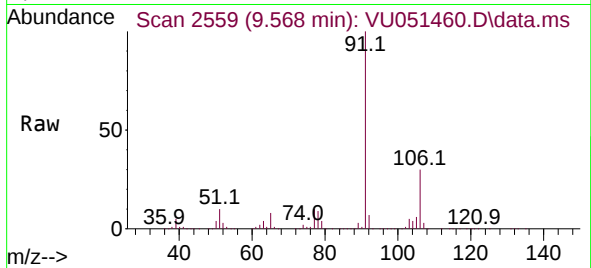




#63
Ethyl Benzene
Concen: 9.256 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

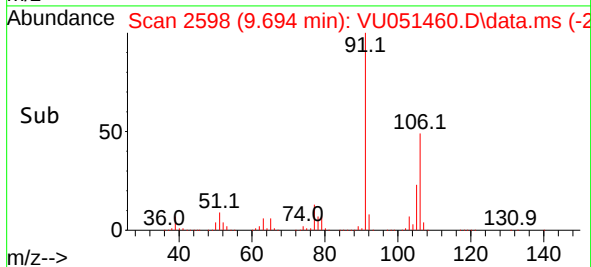
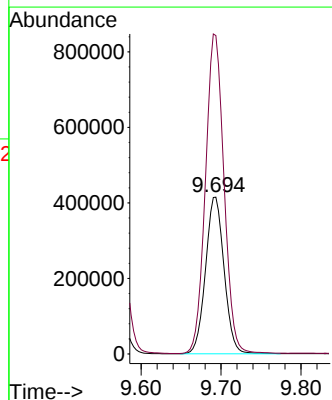
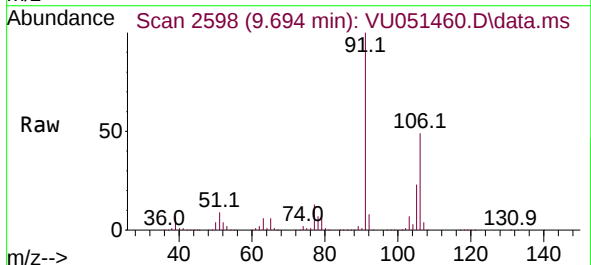
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

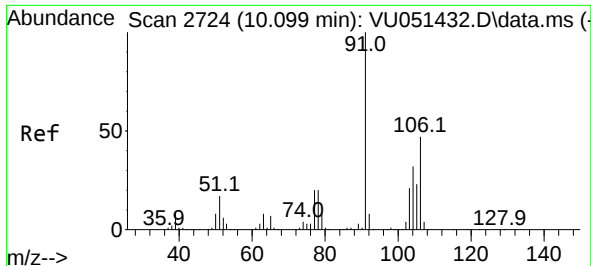
Tgt Ion: 91 Resp: 781242
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#64
m/p-Xylenes
Concen: 19.465 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.001 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 106 Resp: 670247
Ion Ratio Lower Upper
106 100
91 204.1 163.2 244.8

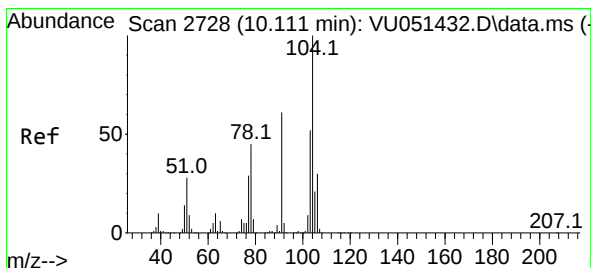
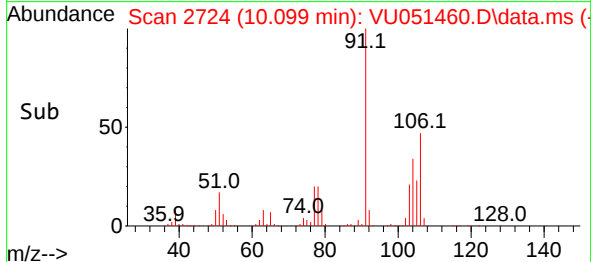
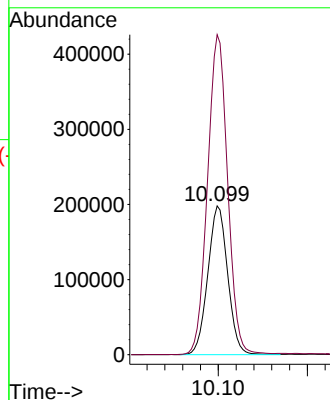
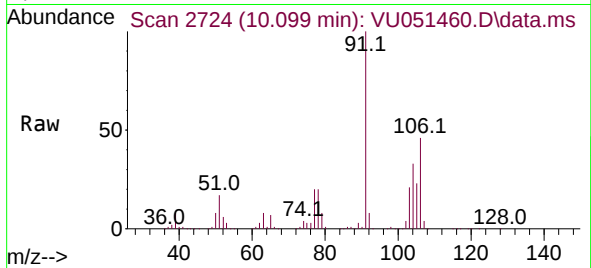




#65
o-Xylene
Concen: 9.497 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

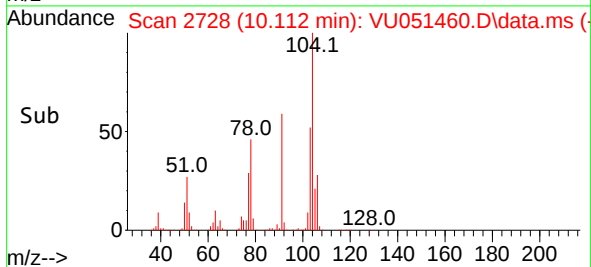
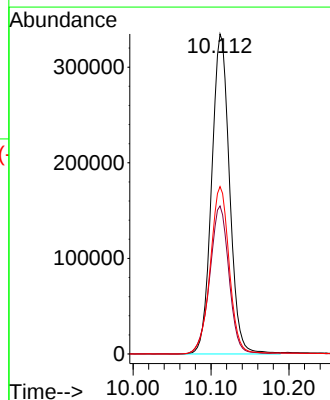
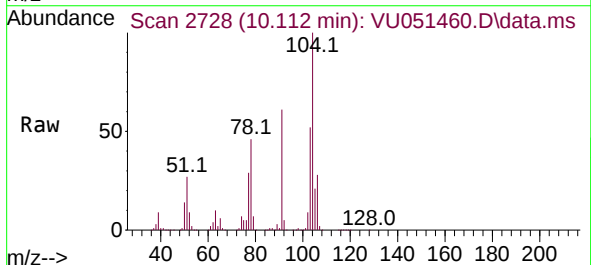
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

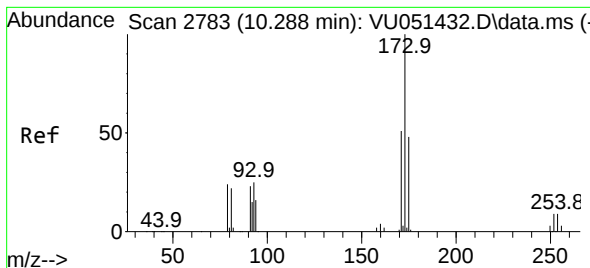
Tgt Ion:106 Resp: 306326
Ion Ratio Lower Upper
106 100
91 217.1 107.1 321.3



#66
Styrene
Concen: 9.612 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.001 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:104 Resp: 536035
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 55.4 44.4 66.6





#67

Bromoform

Concen: 10.115 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

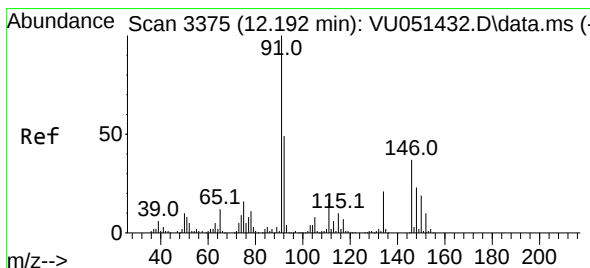
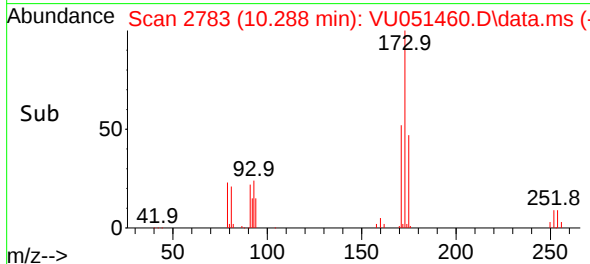
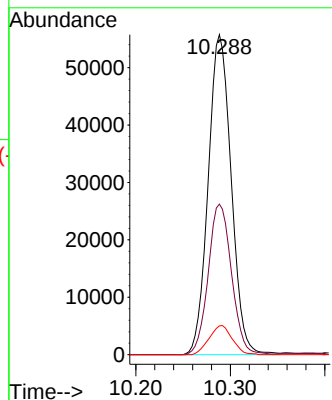
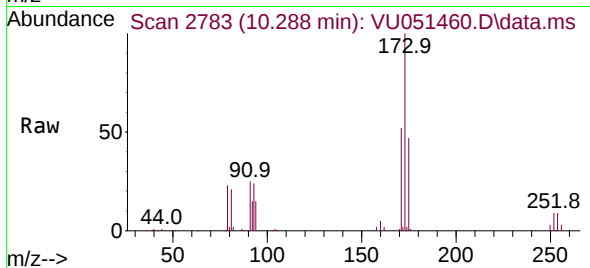
Tgt Ion:173 Resp: 94300

Ion Ratio Lower Upper

173 100

175 47.6 38.6 58.0

254 9.2 7.3 10.9



#68

1,2-Dichlorobenzene-d4

Concen: 1.005 ug/l

RT: 12.192 min Scan# 3375

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

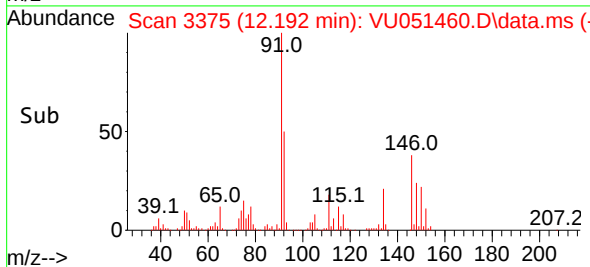
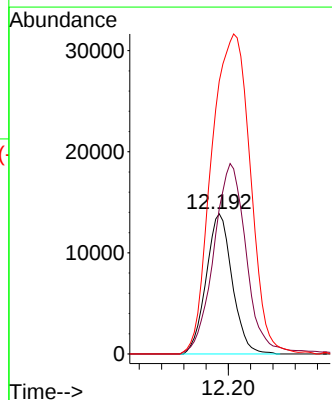
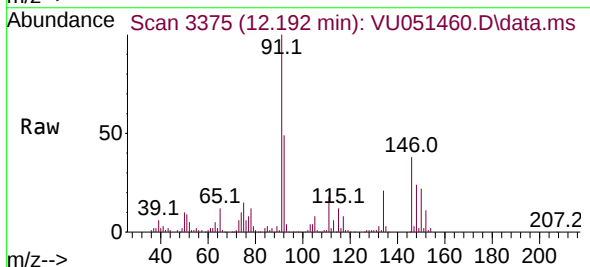
Tgt Ion:152 Resp: 22500

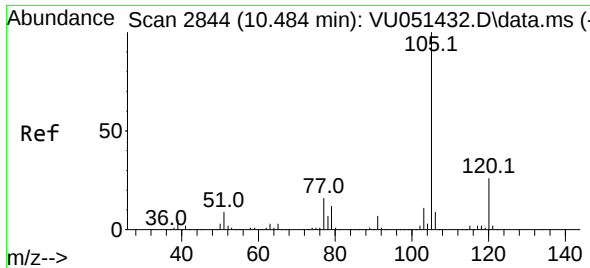
Ion Ratio Lower Upper

152 100

115 171.2 0.0 333.0

150 339.0 0.0 662.0

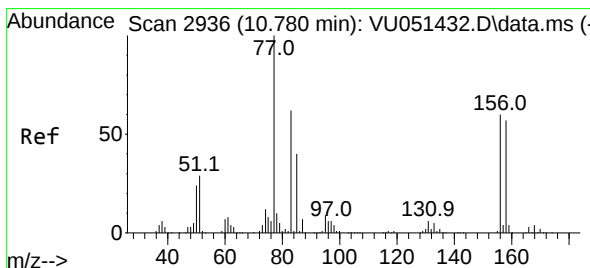
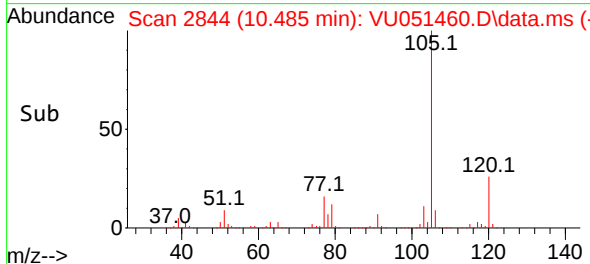
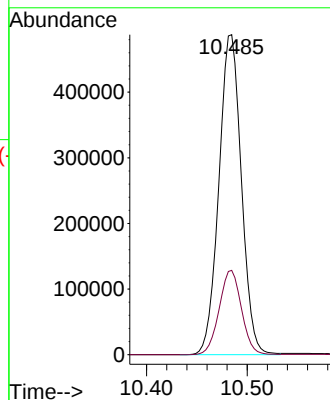
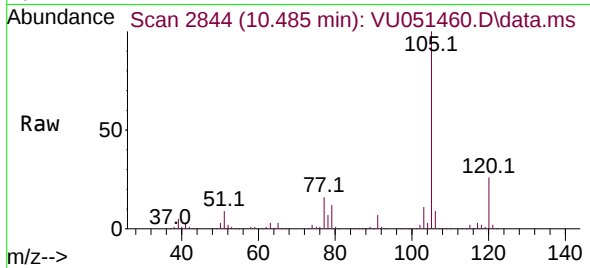




#69
Isopropylbenzene
Concen: 9.290 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.001 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

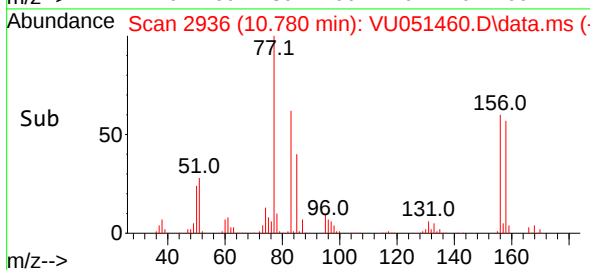
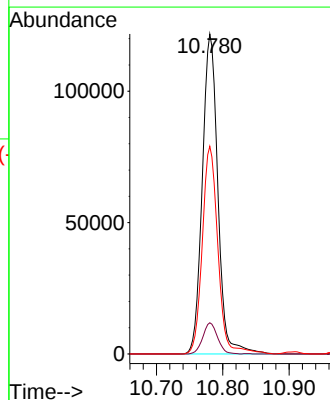
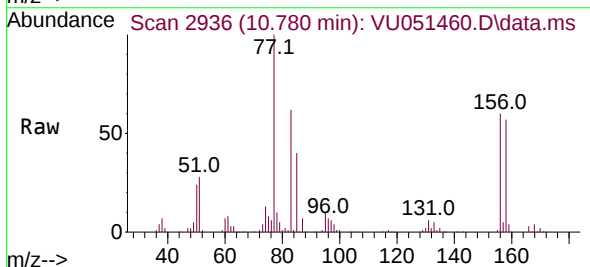
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

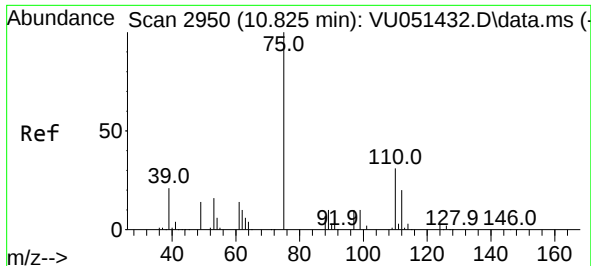
Tgt Ion:105 Resp: 757716
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 9.622 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 83 Resp: 198754
Ion Ratio Lower Upper
83 100
131 9.2 7.2 10.8
85 65.1 51.4 77.2



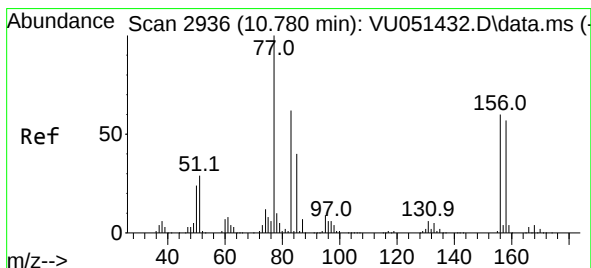
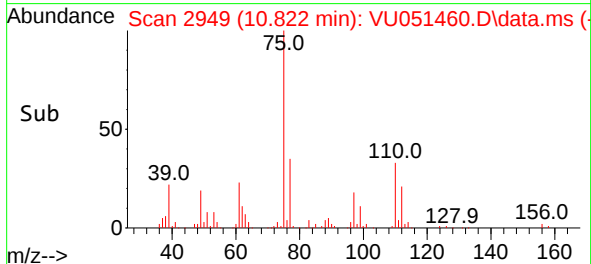
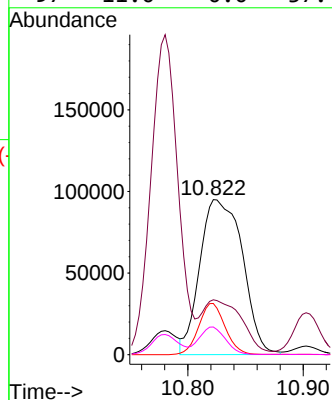
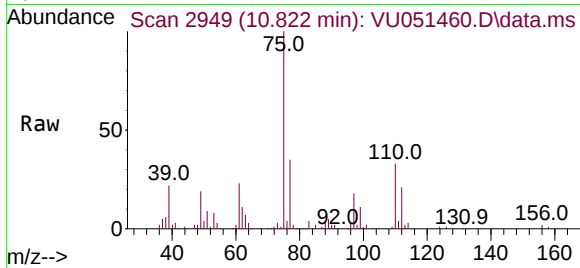


#71
1,2,3-Trichloropropane
Concen: 15.880 ug/l
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 243710

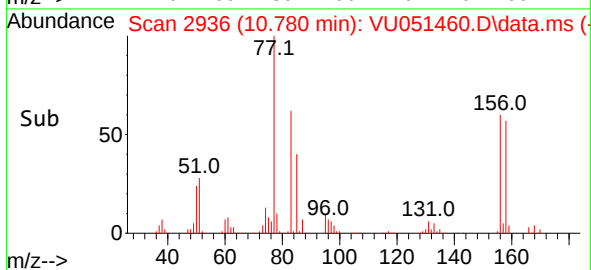
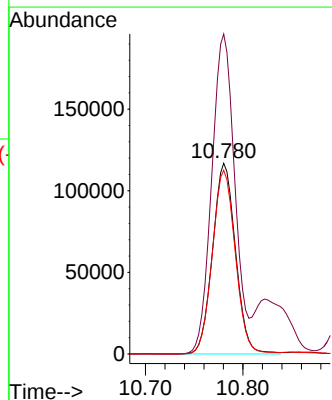
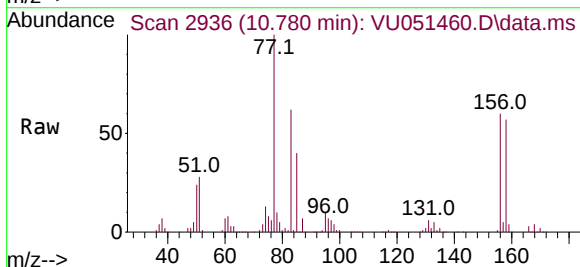
Ion	Ratio	Lower	Upper
75	100		
77	31.5	0.0	111.0
110	20.5	0.0	70.2
97	11.0	0.0	37.4

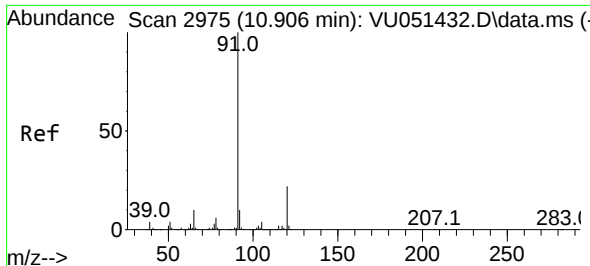


#72
Bromobenzene
Concen: 10.605 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 156 Resp: 190749

Ion	Ratio	Lower	Upper
156	100		
77	167.8	0.0	343.4
158	96.6	0.0	195.6

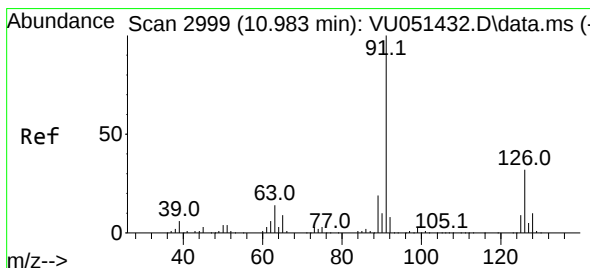
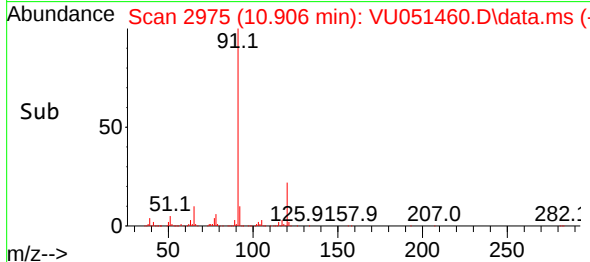
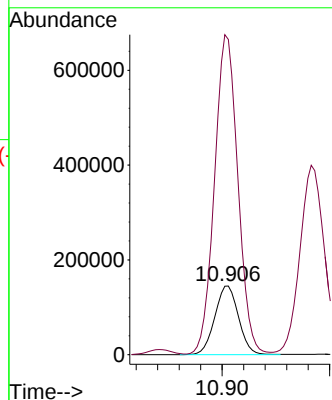
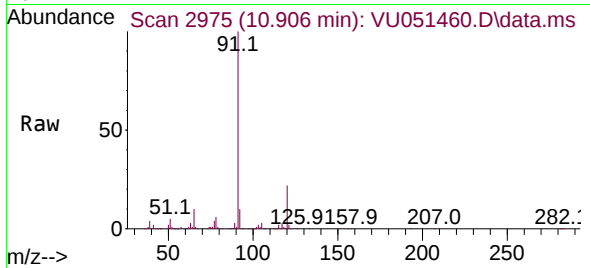




#73
n-propylbenzene
Concen: 9.405 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

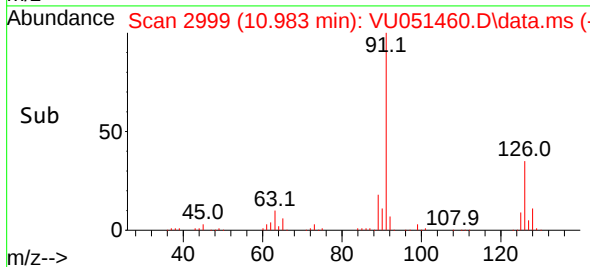
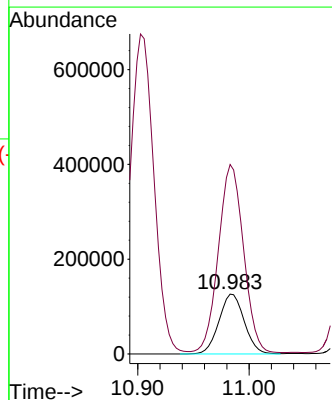
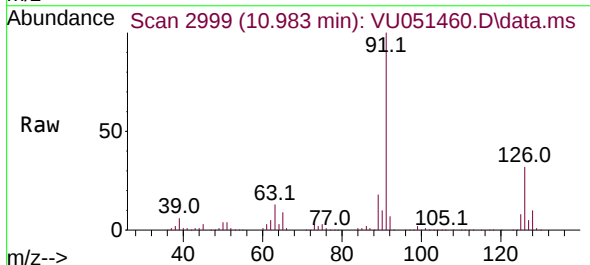
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

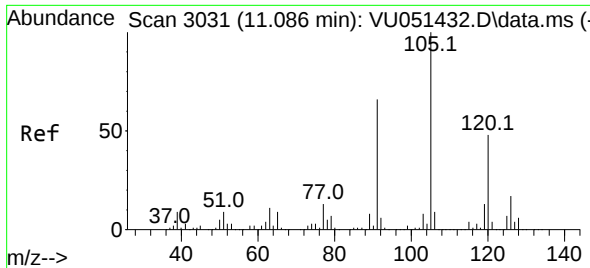
Tgt Ion:120 Resp: 221799
Ion Ratio Lower Upper
120 100
91 457.4 362.3 543.5



#74
2-Chlorotoluene
Concen: 11.375 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:126 Resp: 199182
Ion Ratio Lower Upper
126 100
91 312.2 0.0 623.2

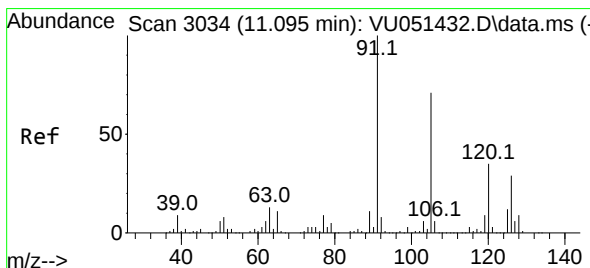
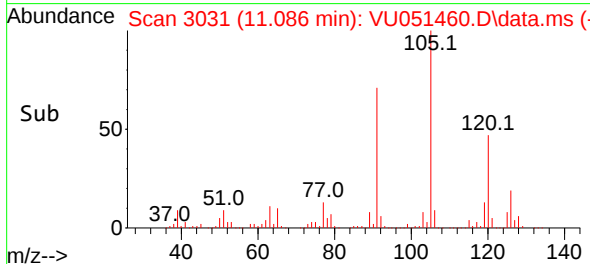
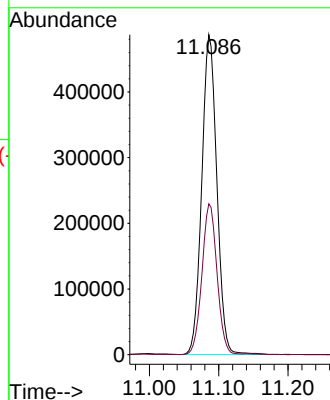
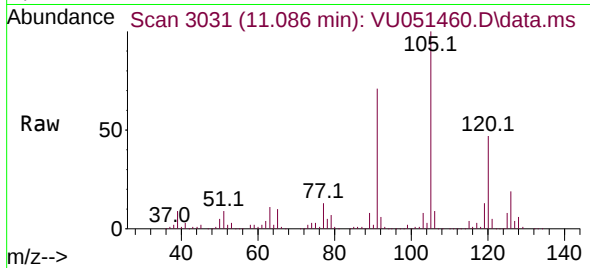




#75
1,3,5-Trimethylbenzene
Concen: 9.711 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

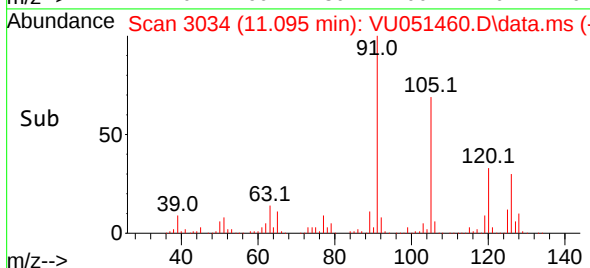
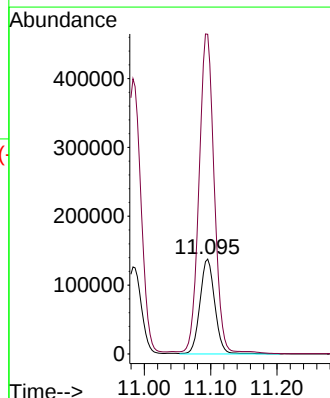
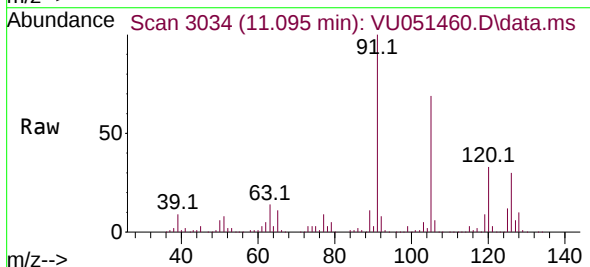
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

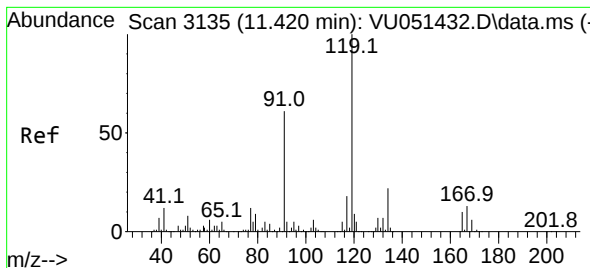
Tgt Ion:105 Resp: 736381
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.4



#76
4-Chlorotoluene
Concen: 10.007 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:126 Resp: 214428
Ion Ratio Lower Upper
126 100
91 337.7 0.0 717.6





#77

tert-Butylbenzene

Concen: 11.165 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU051460.D

Acq: 19 Oct 2022 16:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

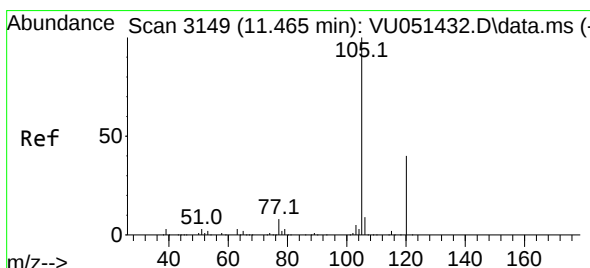
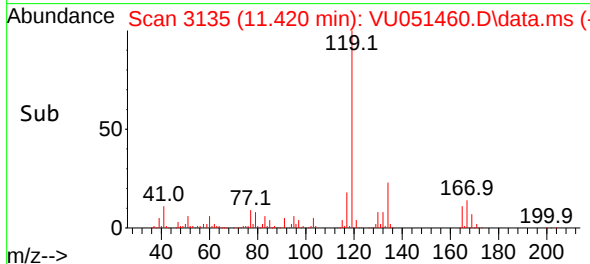
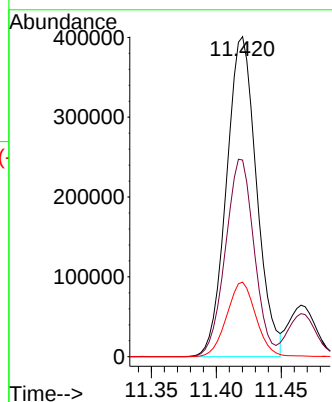
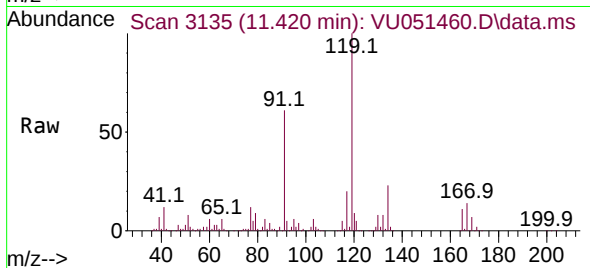
Tgt Ion:119 Resp: 647284

Ion Ratio Lower Upper

119 100

91 58.9 29.8 89.5

134 22.7 17.9 26.9



#78

1,2,4-Trimethylbenzene

Concen: 9.635 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051460.D

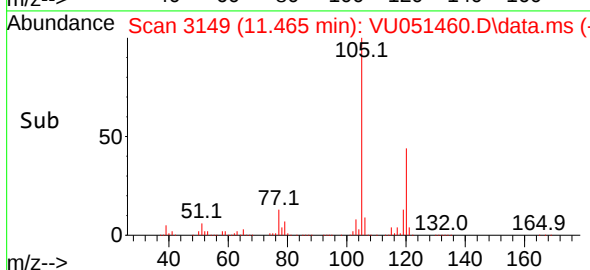
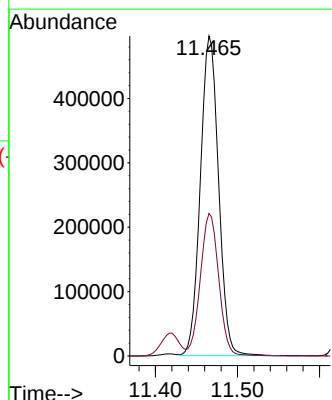
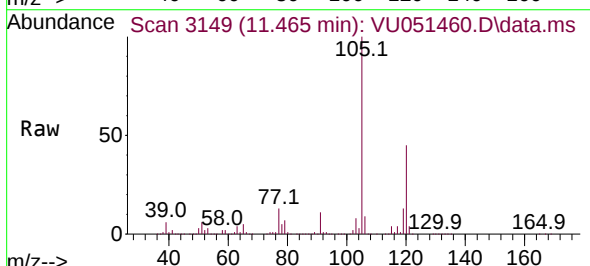
Acq: 19 Oct 2022 16:25

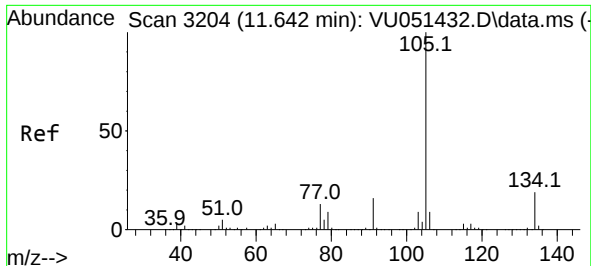
Tgt Ion:105 Resp: 765931

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

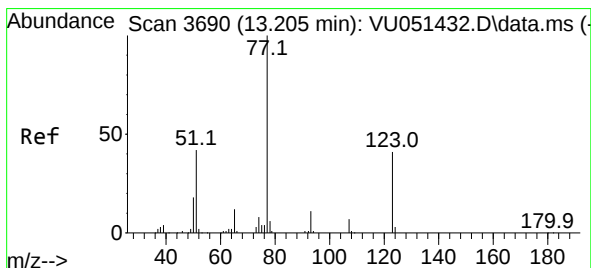
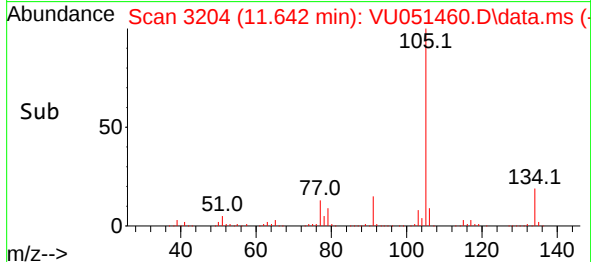
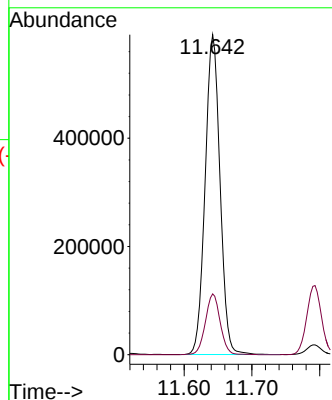
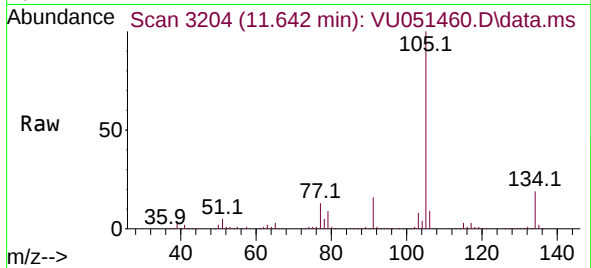




#79
 sec-Butylbenzene
 Concen: 9.481 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

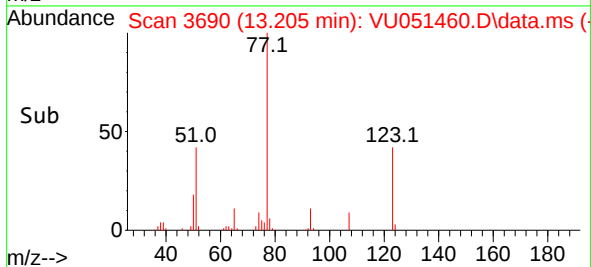
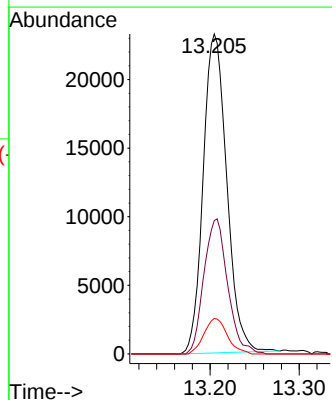
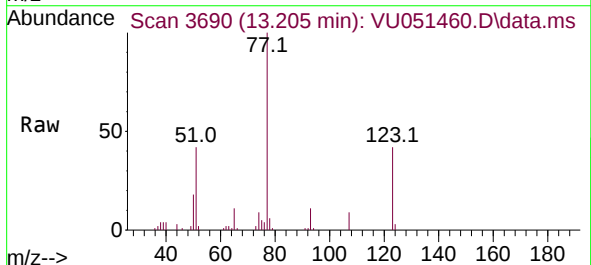
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

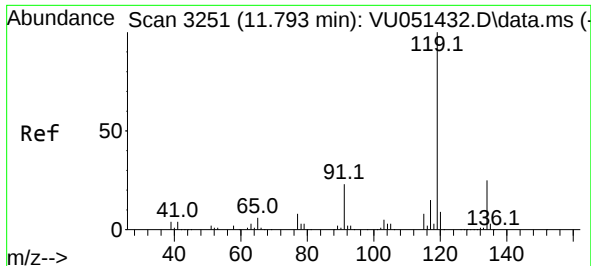
Tgt Ion:105 Resp: 898947
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.2 22.8



#80
 Nitrobenzene
 Concen: 41.747 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

Tgt Ion: 77 Resp: 42698
 Ion Ratio Lower Upper
 77 100
 123 42.6 17.5 62.1
 65 11.0 11.1 14.1#

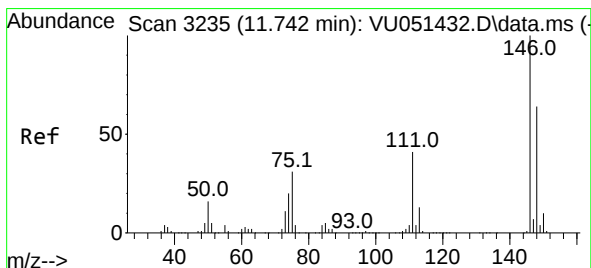
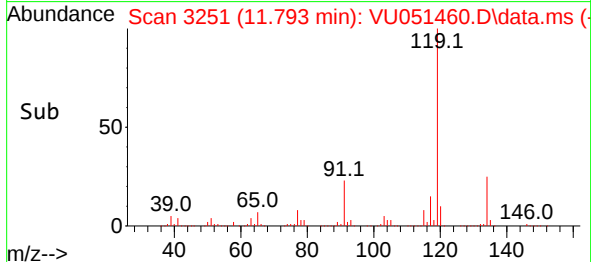
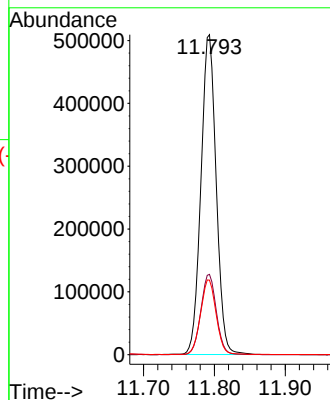
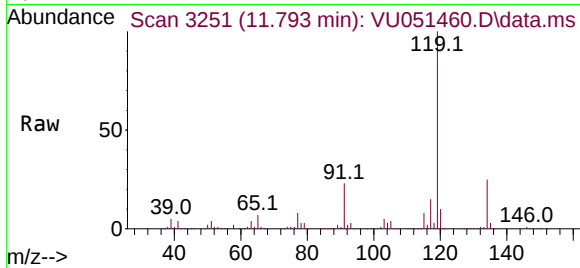




#81
p-Isopropyltoluene
Concen: 9.578 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

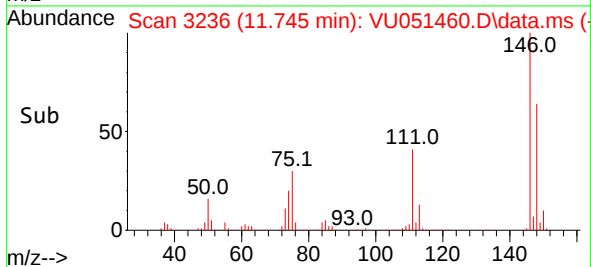
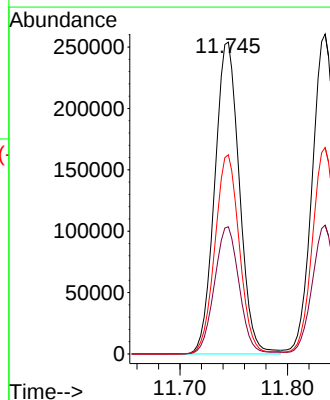
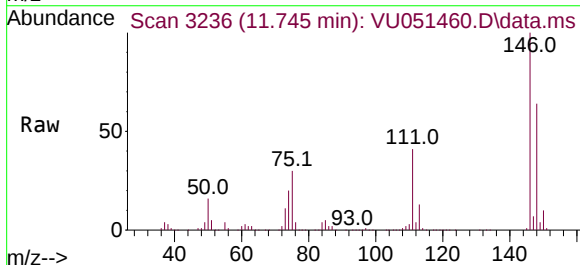
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

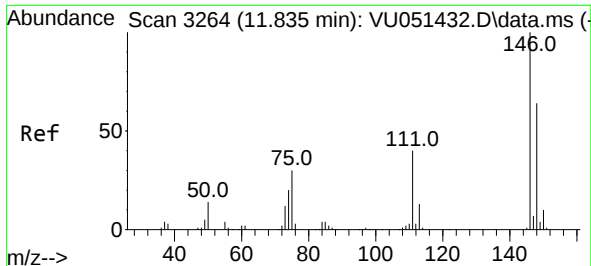
Tgt Ion:119 Resp: 760060
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 23.7 18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 10.467 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:146 Resp: 404410
Ion Ratio Lower Upper
146 100
111 41.1 33.4 50.0
148 63.6 51.0 76.6

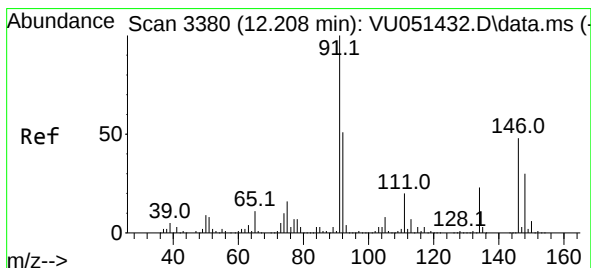
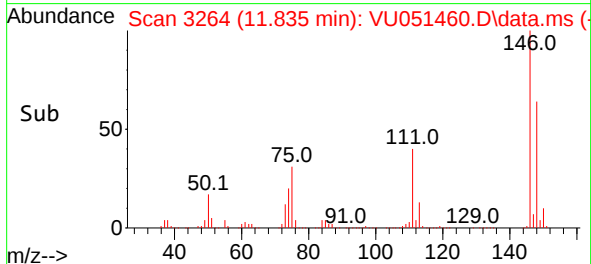
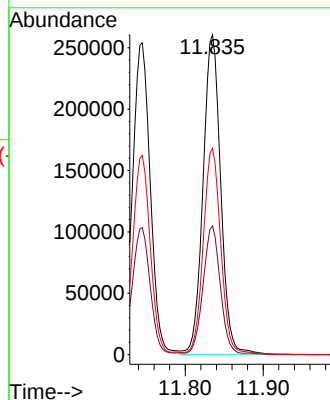
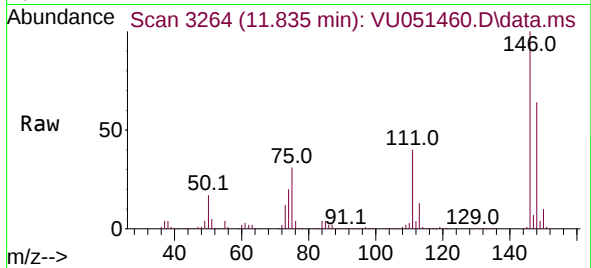




#83
1,4-Dichlorobenzene
Concen: 10.826 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

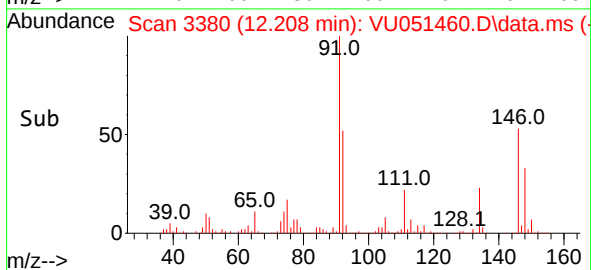
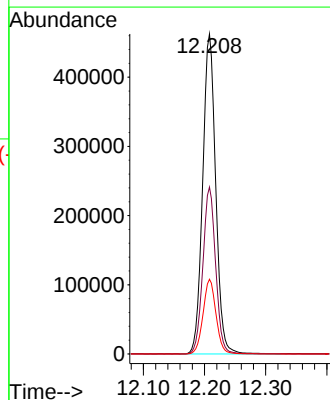
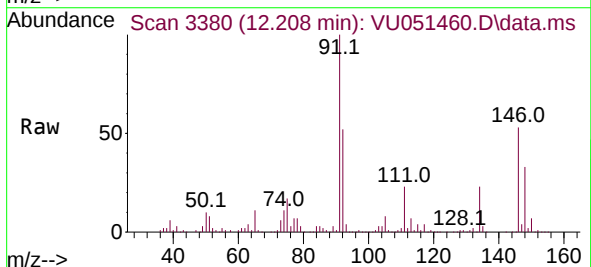
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

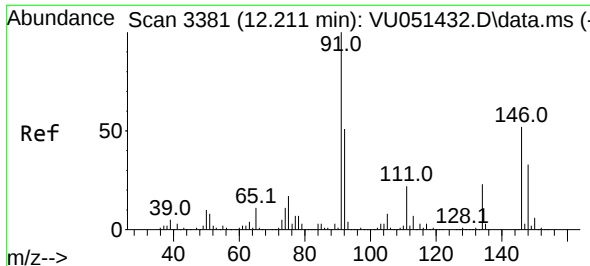
Tgt Ion:146 Resp: 409439
Ion Ratio Lower Upper
146 100
111 38.3 31.6 47.4
148 64.3 50.5 75.7



#84
n-Butylbenzene
Concen: 9.054 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 91 Resp: 683616
Ion Ratio Lower Upper
91 100
92 51.2 40.6 61.0
134 23.2 18.3 27.5

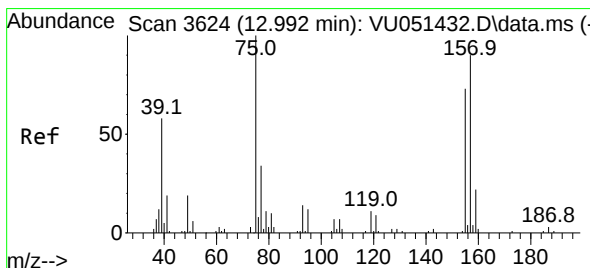
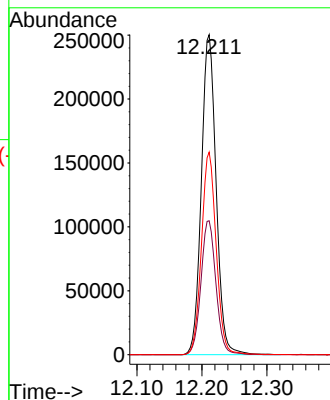
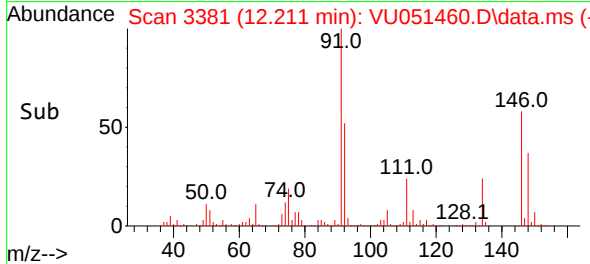
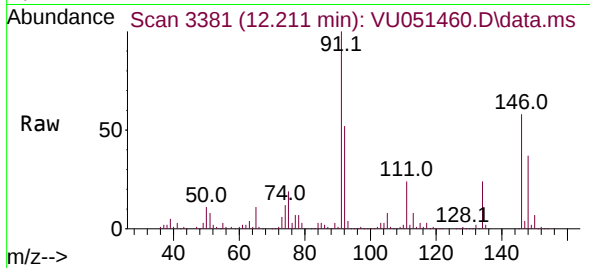




#85
1,2-Dichlorobenzene
Concen: 10.420 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

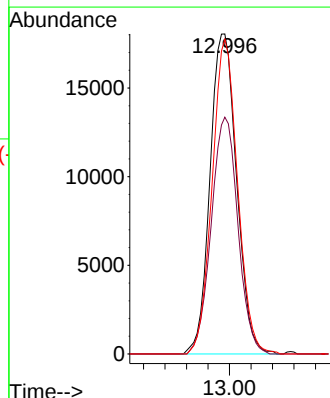
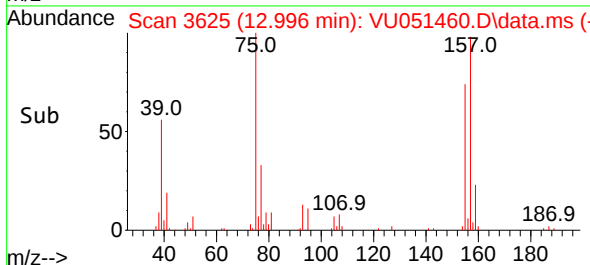
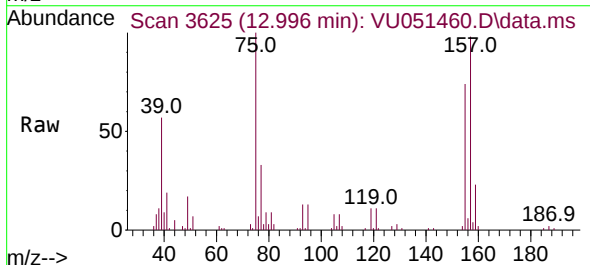
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

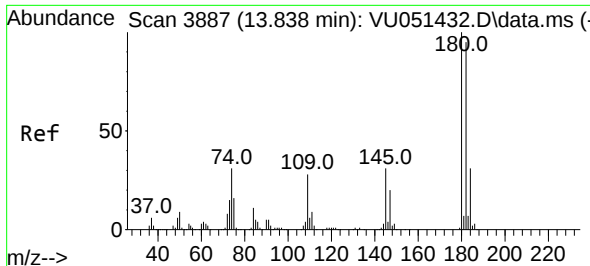
Tgt Ion:146 Resp: 396718
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 63.2 31.8 95.4



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.592 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion: 75 Resp: 30983
Ion Ratio Lower Upper
75 100
155 74.1 58.5 87.7
157 94.2 75.3 112.9

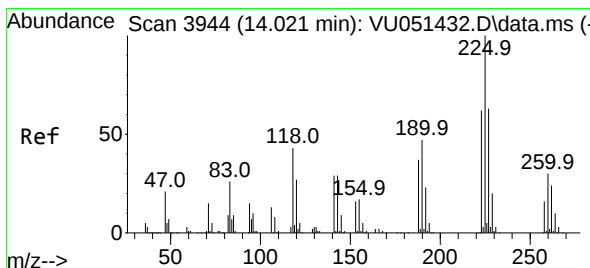
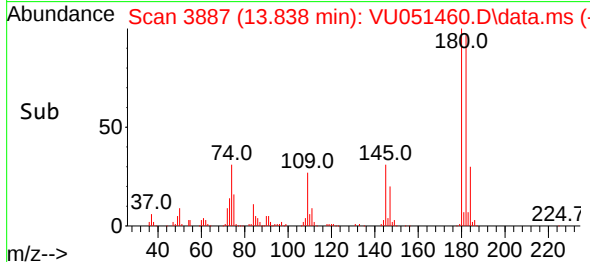
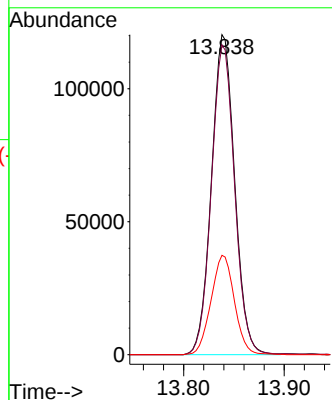
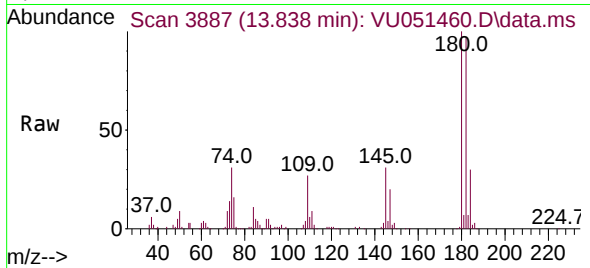




#87
 1,2,4-Trichlorobenzene
 Concen: 9.385 ug/l
 RT: 13.838 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

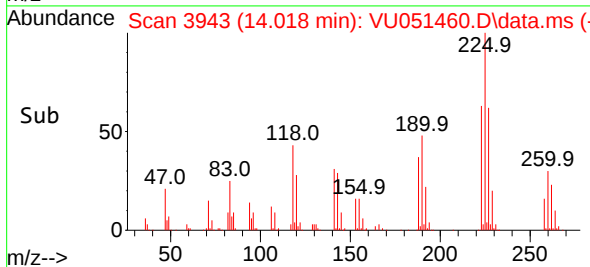
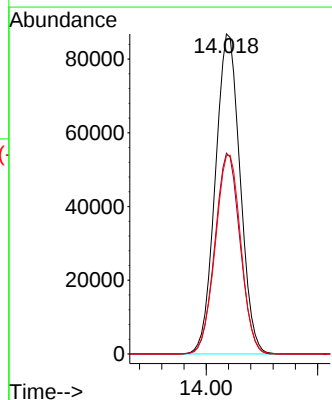
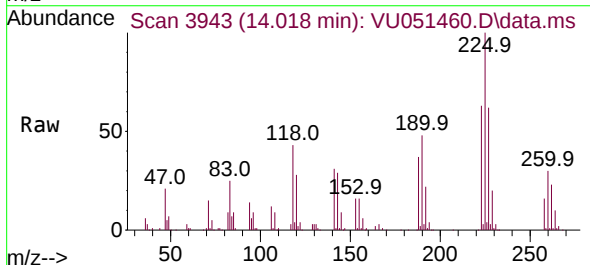
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

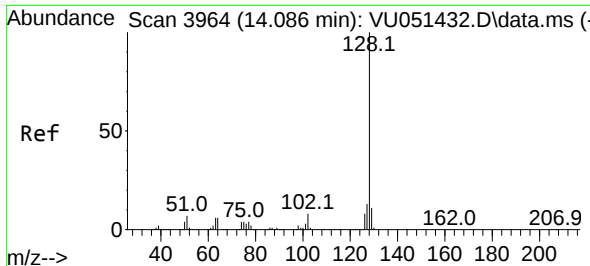
Tgt Ion:180 Resp: 193552
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.9 113.9
 145 31.2 24.9 37.3



#88
 Hexachlorobutadiene
 Concen: 9.981 ug/l
 RT: 14.018 min Scan# 3943
 Delta R.T. -0.003 min
 Lab File: VU051460.D
 Acq: 19 Oct 2022 16:25

Tgt Ion:225 Resp: 134191
 Ion Ratio Lower Upper
 225 100
 223 63.8 50.1 75.1
 227 64.1 51.4 77.2

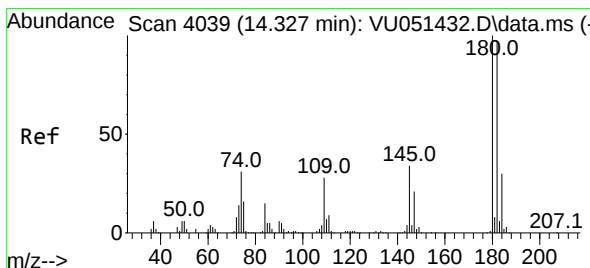
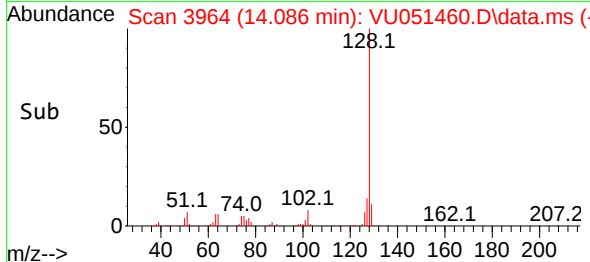
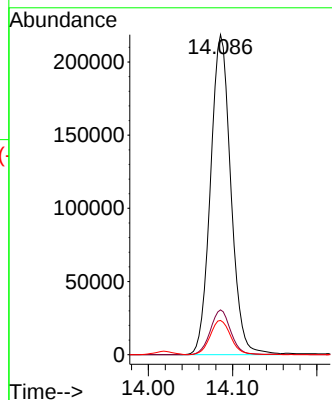
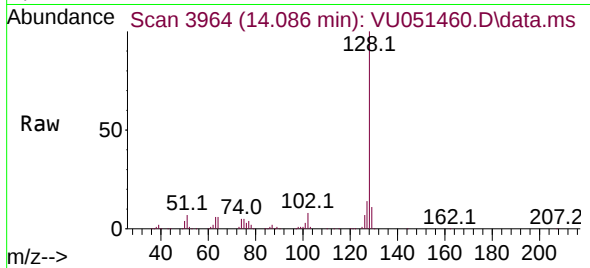




#89
Naphthalene
Concen: 8.493 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 366496
Ion Ratio Lower Upper
128 100
127 14.0 10.7 16.1
129 10.9 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 9.549 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051460.D
Acq: 19 Oct 2022 16:25

Tgt Ion:180 Resp: 215431
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.6
145 32.7 26.6 39.8

