

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053150.D
 Acq On : 27 Feb 2023 12:06
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Feb 28 01:55:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 01:52:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	27729	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11678	0.998	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9331	1.006	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	73386	10.427	ug/l	100
3) Chloromethane	1.521	50	69070	9.524	ug/l	100
4) Vinyl Chloride	1.605	62	80679	10.448	ug/l	100
5) Bromomethane	1.855	94	45370	10.322	ug/l	100
6) Chloroethane	1.932	64	49017	10.450	ug/l	100
7) Trichlorofluoromethane	2.138	101	114132	10.268	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	72424	10.422	ug/l	100
9) 1,1-Dichloroethene	2.579	96	62827	10.408	ug/l	100
10) Iodomethane	2.720	142	71893	11.579	ug/l	100
11) Allyl Chloride	2.920	41	95707	10.156	ug/l	100
12) Acrylonitrile	3.305	53	30453	19.659	ug/l	100
13) Acetone	2.617	43	88198	39.919	ug/l	100
14) Carbon Disulfide	2.791	76	141816	10.240	ug/l	100
15) Methylene Chloride	3.042	84	76699	8.890	ug/l	100
16) trans-1,2-Dichloroethene	3.350	96	67100	10.112	ug/l	100
17) 1,1-Dichloroethane	3.865	63	148735	10.245	ug/l	100
18) 2-Butanone	4.704	43	116949	44.088	ug/l	100
19) Cyclohexane	5.379	56	103690	8.955	ug/l	90
20) Methylcyclohexane	6.755	83	114963	10.331	ug/l	100
21) 2,2-Dichloropropane	4.659	77	126851	9.973	ug/l	100
22) cis-1,2-Dichloroethene	4.662	96	81574	9.962	ug/l	100
23) Diethyl Ether	2.373	59	50868	10.299	ug/l	100
24) tert-Butyl Alcohol	3.170	59	56098	96.690	ug/l	100
25) Methyl tert-Butyl Ether	3.360	73	179278	10.215	ug/l	100
26) Bromochloromethane	4.971	128	30061	9.494	ug/l	100
27) Chloroform	5.083	83	147693	9.874	ug/l	100
28) 1,1,1-Trichloroethane	5.312	97	124659	9.922	ug/l	100
29) 1,1-Dichloropropene	5.521	75	93690	9.949	ug/l	100
30) Carbon Tetrachloride	5.518	117	91018	10.521	ug/l	100
31) Isopropyl Ether	3.994	45	235095	10.152	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	223781	10.195	ug/l	100
33) Tert-Amyl methyl ether	5.942	73	179861	10.326	ug/l	100
34) Propionitrile	4.772	54	28047	45.452	ug/l	100
35) Benzene	5.768	78	282386	10.163	ug/l	100
36) 1,2-Dichloroethane	5.791	62	82622	9.948	ug/l	100
37) Trichloroethene	6.537	130	66251	10.391	ug/l	100
38) 1,2-Dichloropropane	6.788	63	83519	10.394	ug/l	100
39) Methacrylonitrile	4.974	41	25367	9.616	ug/l	100
40) Methyl acrylate	4.846	55	40869	10.045	ug/l	100
41) Tetrahydrofuran	5.055	42	23981	18.581	ug/l	100
42) 1-Chlorobutane	5.453	56	134171	10.236	ug/l	100
43) Dibromomethane	6.913	93	36188	10.161	ug/l	100
44) Bromodichloromethane	7.103	83	103182	10.591	ug/l	100

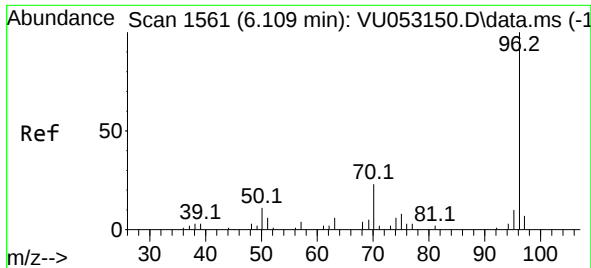
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 01:52:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	220384	50.681	ug/l	100
46) t-1,4-Dichloro-2-butene	10.829	75	96402	43.995	ug/l #	57
47) Methyl methacrylate	6.961	69	75869	20.696	ug/l	100
48) Ethyl methacrylate	8.331	69	79163	10.523	ug/l	100
49) Toluene	7.964	92	180583	10.553	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	100111	10.578	ug/l	100
51) cis-1,3-Dichloropropene	7.604	75	121224	10.569	ug/l	100
52) 1,1,2-Trichloroethane	8.398	97	55294	10.570	ug/l	100
53) 1,3-Dichloropropane	8.572	76	96732	10.314	ug/l	100
54) 2-Hexanone	8.685	43	166848	45.034	ug/l	100
55) Dibromochloromethane	8.807	129	62739	10.511	ug/l	100
56) 1,2-Dibromoethane	8.919	107	48991	10.541	ug/l	100
58) Tetrachloroethene	8.550	164	52102	10.248	ug/l	100
59) Chlorobenzene	9.443	112	200000	10.452	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.530	131	67581	10.692	ug/l	100
61) Pentachloroethane	11.424	117	59153	10.771	ug/l	100
62) Hexachloroethane	12.472	117	66080	10.914	ug/l	100
63) Ethyl Benzene	9.566	91	377408	10.687	ug/l	100
64) m/p-Xylenes	9.688	106	273986	21.391	ug/l	100
65) o-Xylene	10.096	106	137467	10.510	ug/l	100
66) Styrene	10.109	104	224287	10.817	ug/l	100
67) Bromoform	10.286	173	31482	10.846	ug/l	100
69) Isopropylbenzene	10.479	105	376130	10.737	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	74578	10.578	ug/l	100
71) 1,2,3-Trichloropropane	10.829	75	96402	16.373	ug/l	78
72) Bromobenzene	10.778	156	73071	10.749	ug/l	100
73) n-propylbenzene	10.903	120	100622	10.826	ug/l	100
74) 2-Chlorotoluene	10.984	126	81635	10.608	ug/l	100
75) 1,3,5-Trimethylbenzene	11.083	105	313267	10.746	ug/l	100
76) 4-Chlorotoluene	11.093	126	83513	10.324	ug/l	100
77) tert-Butylbenzene	11.418	119	306320	10.723	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	318555	10.722	ug/l	100
79) sec-Butylbenzene	11.639	105	431148	10.877	ug/l	100
80) Nitrobenzene	13.205	77	17944	48.700	ug/l	100
81) p-Isopropyltoluene	11.787	119	339536	10.813	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	159219	10.668	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	163119	10.706	ug/l	100
84) n-Butylbenzene	12.205	91	359091	11.038	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	150443	10.572	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.993	75	13051	9.748	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	96071	11.001	ug/l	100
88) Hexachlorobutadiene	14.019	225	46106	10.809	ug/l	100
89) Naphthalene	14.083	128	200134	10.716	ug/l	100
90) 1,2,3-Trichlorobenzene	14.324	180	83181	10.825	ug/l	100

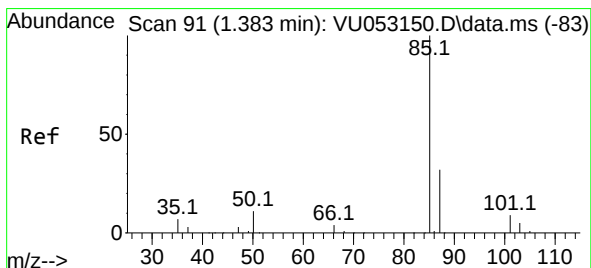
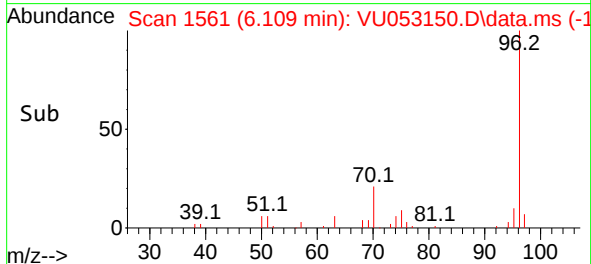
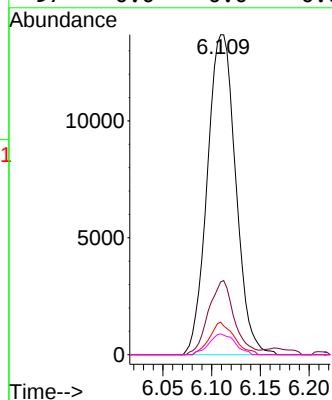
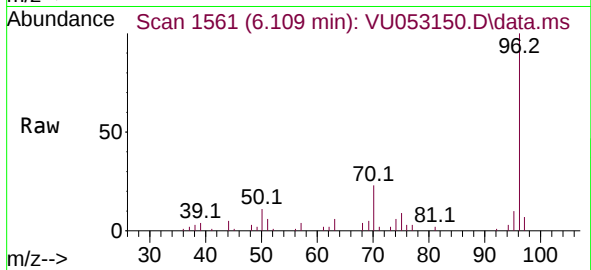
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

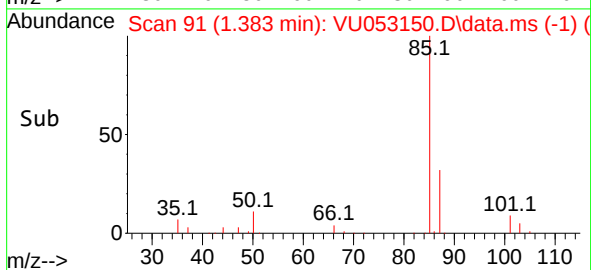
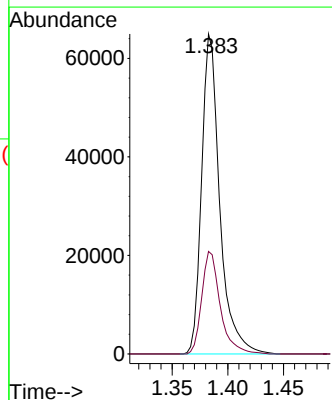
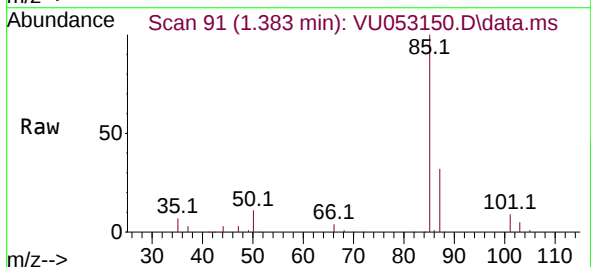
Instrument :
MSVOA_U
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VSTDICCC010

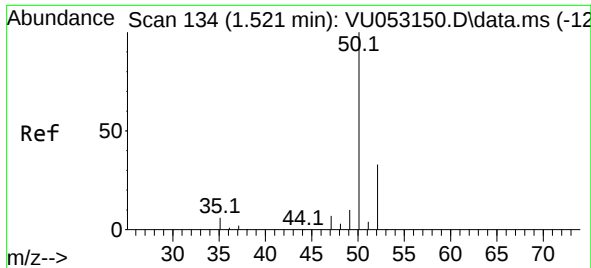
Tgt Ion: 96	Resp: 27729
Ion Ratio	Lower Upper
96 100	
70 19.4	15.5 23.3
95 8.8	7.0 10.6
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.427 ug/l
RT: 1.383 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 85	Resp: 73386
Ion Ratio	Lower Upper
85 100	
87 32.1	16.1 48.2

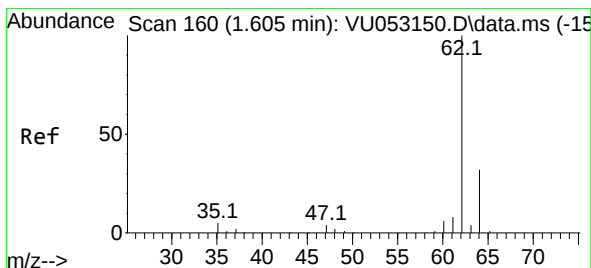
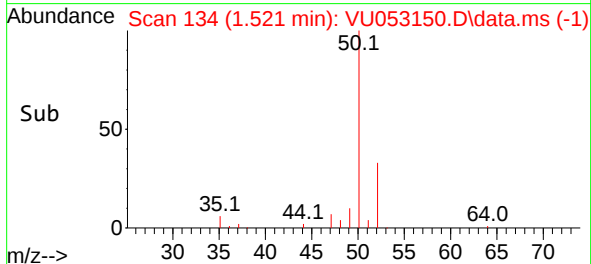
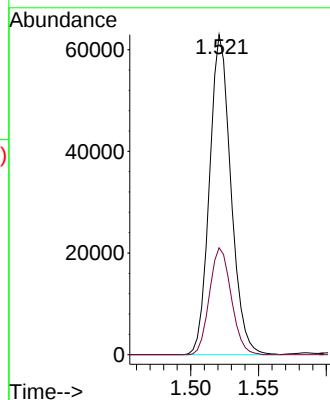
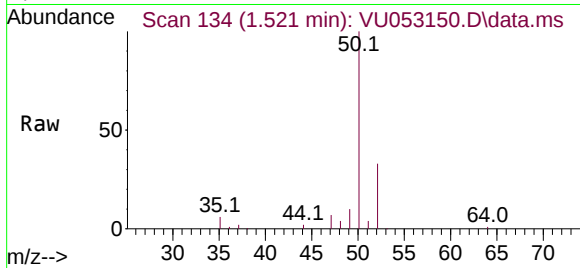




#3
Chloromethane
Concen: 9.524 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

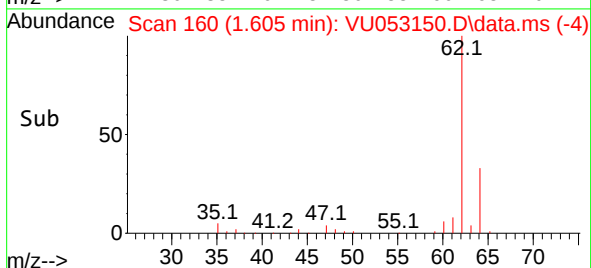
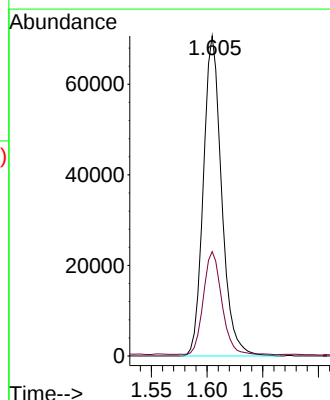
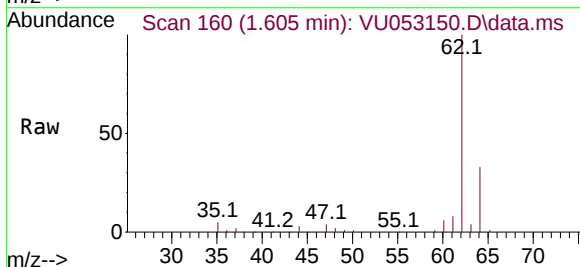
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MSVOA_U
ClientSampleId :
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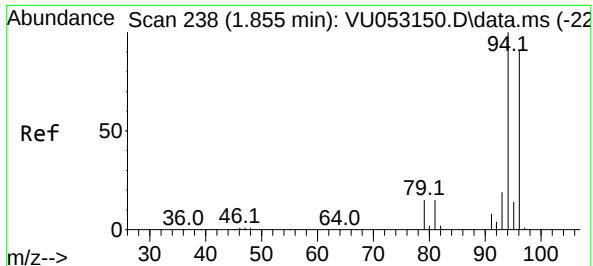
Tgt Ion: 50 Resp: 69070
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 10.448 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 62 Resp: 80679
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

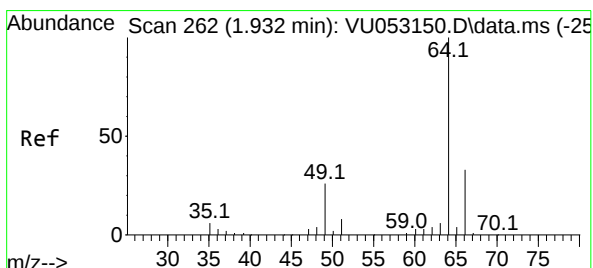
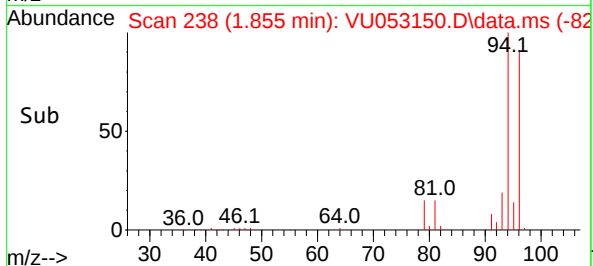
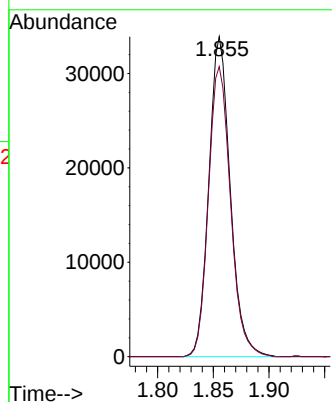
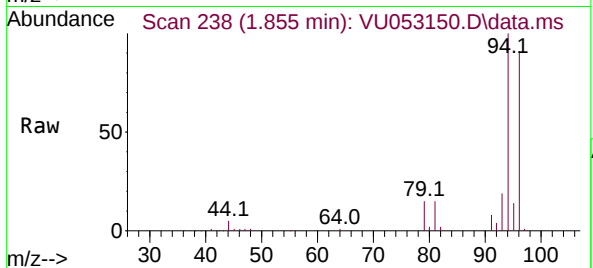




#5
Bromomethane
Concen: 10.322 ug/l
RT: 1.855 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

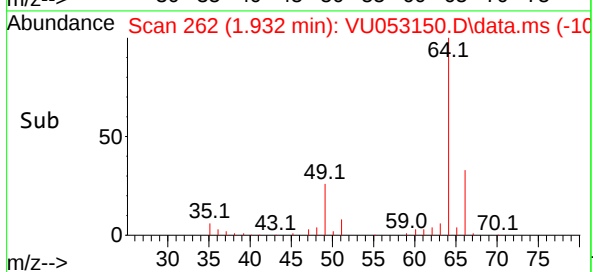
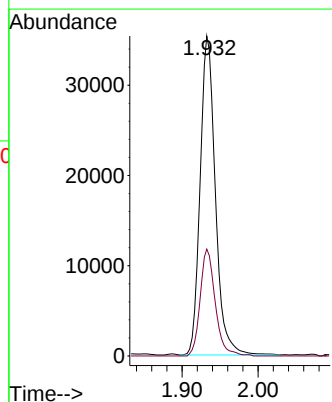
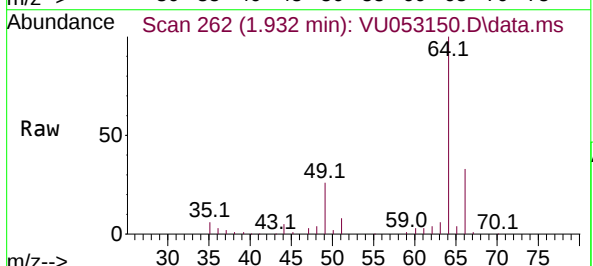
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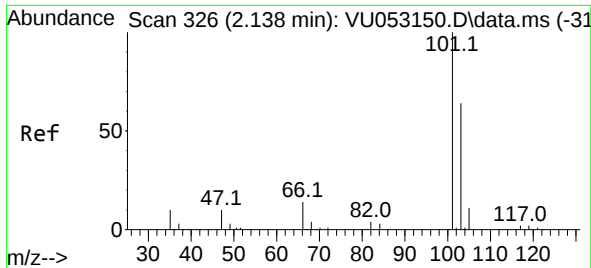
Tgt Ion: 94 Resp: 45370
Ion Ratio Lower Upper
94 100
96 90.7 72.6 108.8



#6
Chloroethane
Concen: 10.450 ug/l
RT: 1.932 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 64 Resp: 49017
Ion Ratio Lower Upper
64 100
66 33.5 26.8 40.2

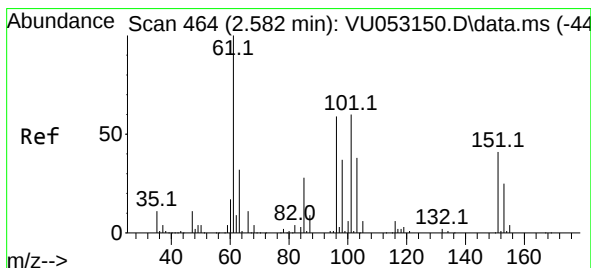
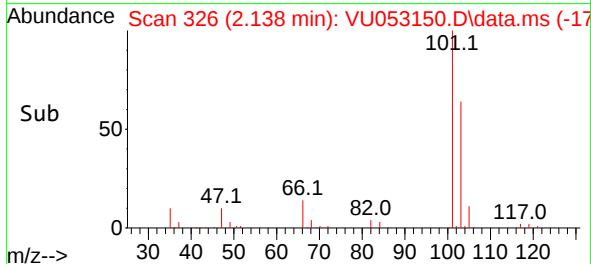
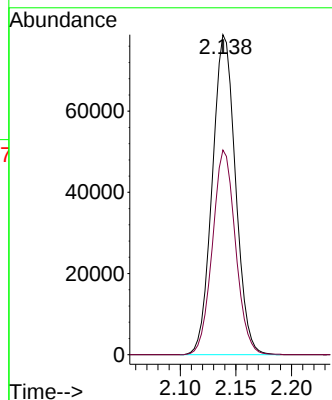
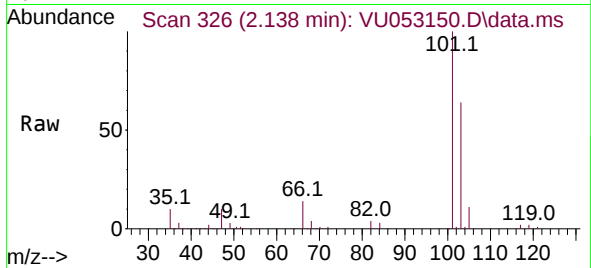




#7
 Trichlorofluoromethane
 Concen: 10.268 ug/l
 RT: 2.138 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

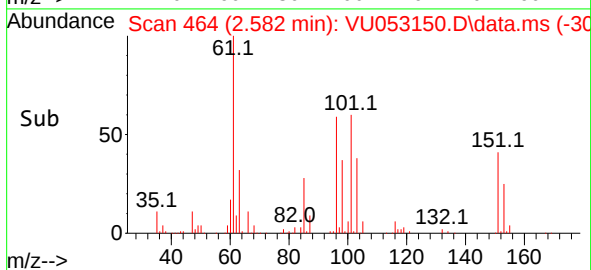
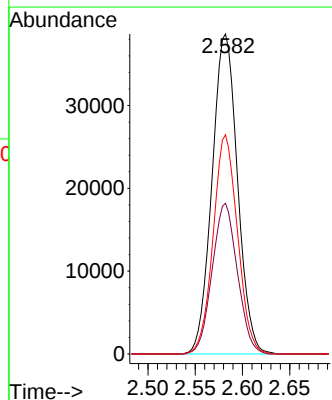
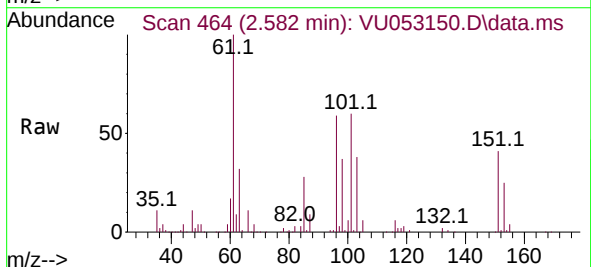
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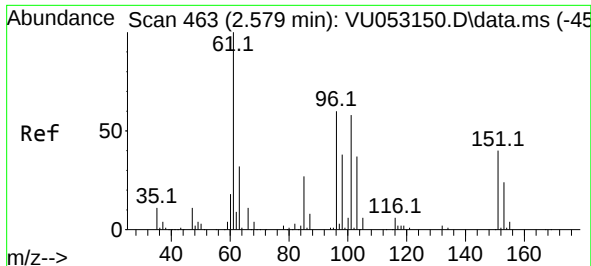
Tgt Ion:101 Resp: 114132
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.422 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

Tgt Ion:101 Resp: 72424
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.3 55.9
 151 65.5 52.4 78.6

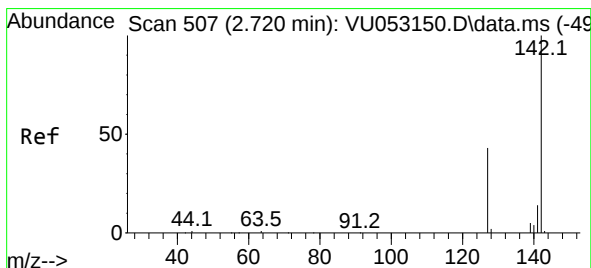
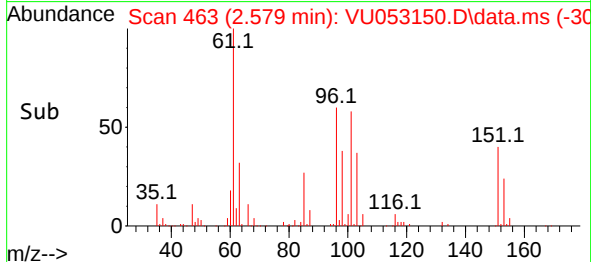
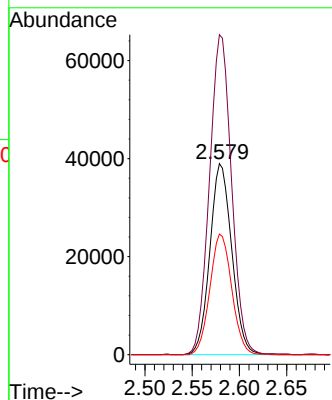
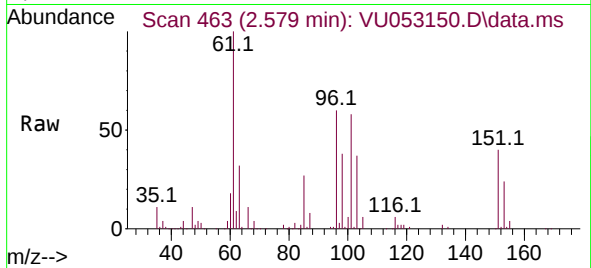




#9
1,1-Dichloroethene
Concen: 10.408 ug/l
RT: 2.579 min Scan# 463
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

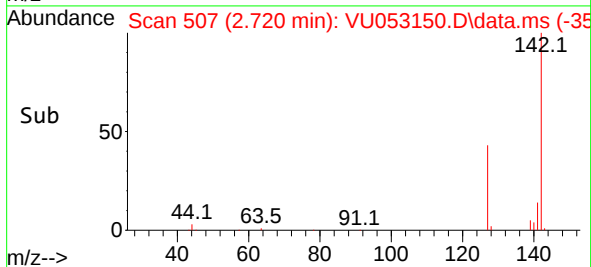
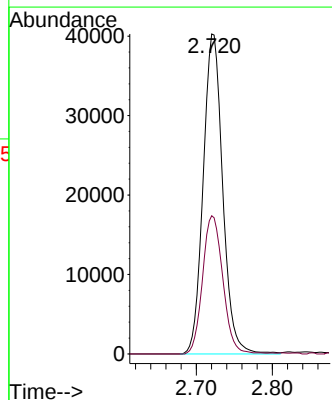
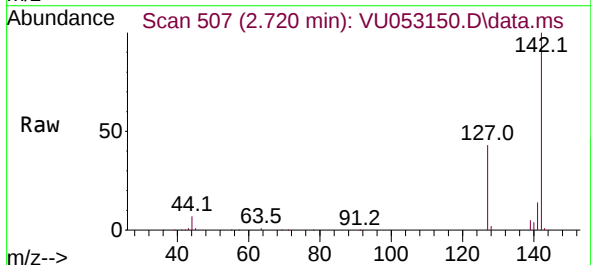
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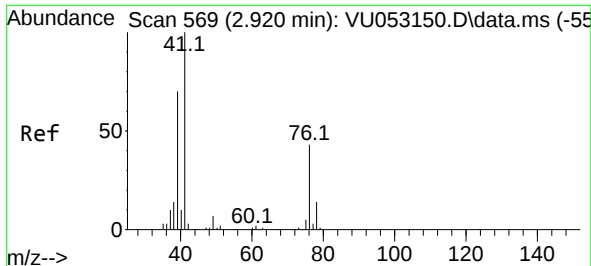
Tgt Ion: 96 Resp: 62827
Ion Ratio Lower Upper
96 100
61 167.5 0.0 502.5
98 63.1 0.0 126.2



#10
Iodomethane
Concen: 11.579 ug/l
RT: 2.720 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 142 Resp: 71893
Ion Ratio Lower Upper
142 100
127 44.8 35.8 53.8





#11

Allyl Chloride

Concen: 10.156 ug/l

RT: 2.920 min Scan# 569

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

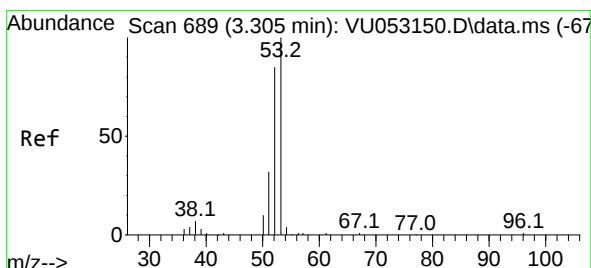
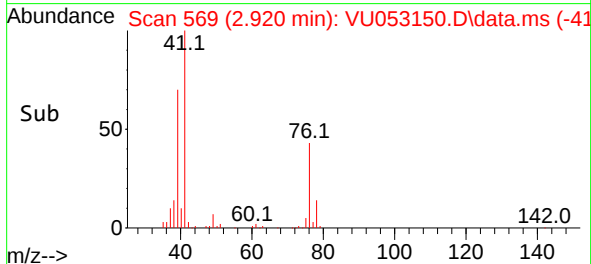
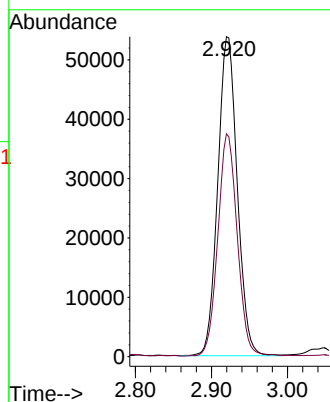
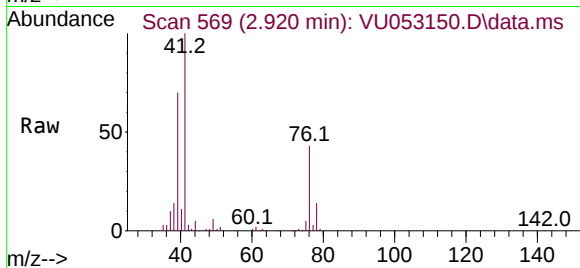
VSTDICCC010

Tgt Ion: 41 Resp: 95707

Ion Ratio Lower Upper

41 100

39 69.1 55.3 82.9



#12

Acrylonitrile

Concen: 19.659 ug/l

RT: 3.305 min Scan# 689

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

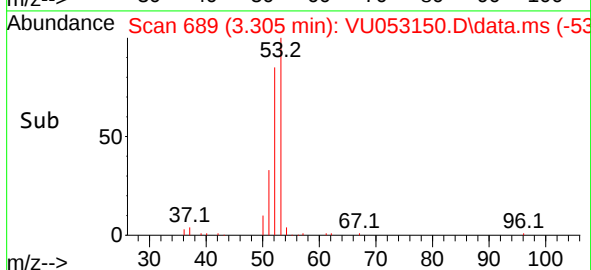
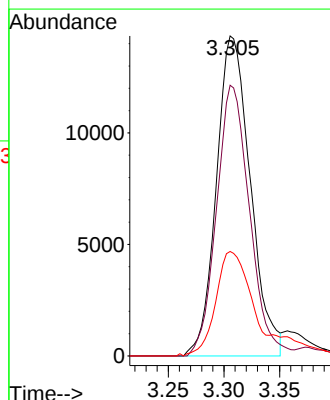
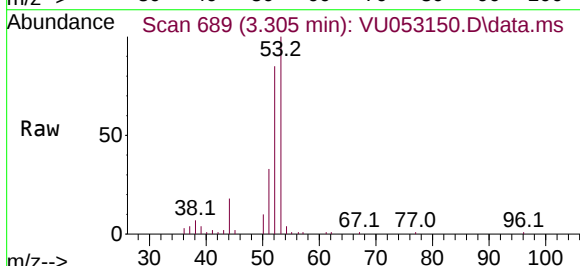
Tgt Ion: 53 Resp: 30453

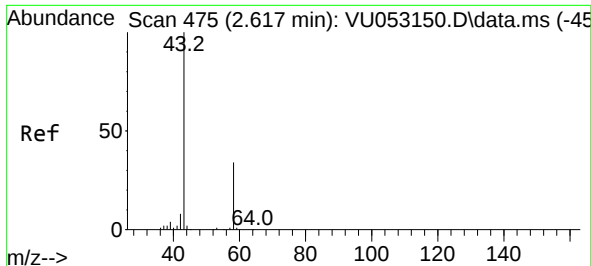
Ion Ratio Lower Upper

53 100

52 82.4 65.9 98.9

51 39.8 31.8 47.8





#13

Acetone

Concen: 39.919 ug/l

RT: 2.617 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

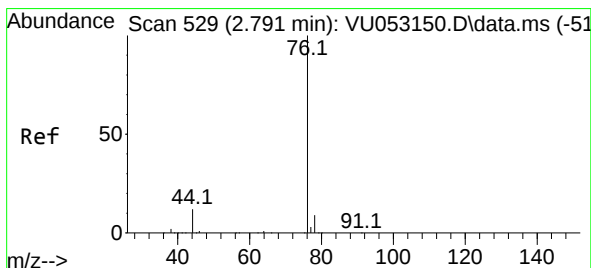
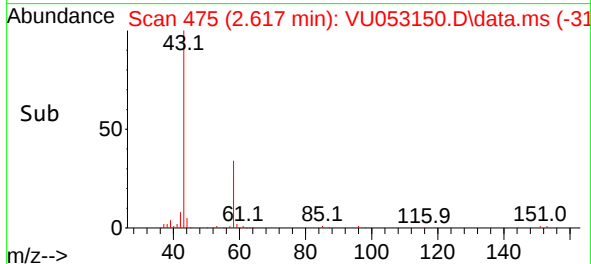
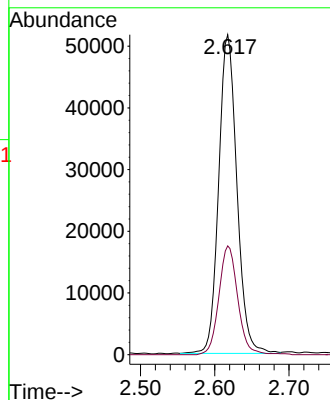
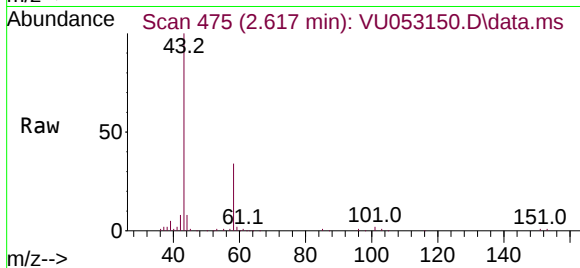
VSTDICCC010

Tgt Ion: 43 Resp: 88198

Ion Ratio Lower Upper

43 100

58 34.1 27.2 40.8



#14

Carbon Disulfide

Concen: 10.240 ug/l

RT: 2.791 min Scan# 529

Delta R.T. 0.000 min

Lab File: VU053150.D

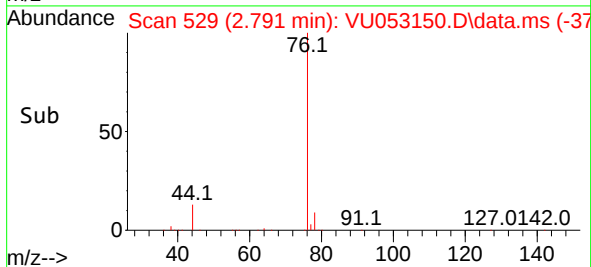
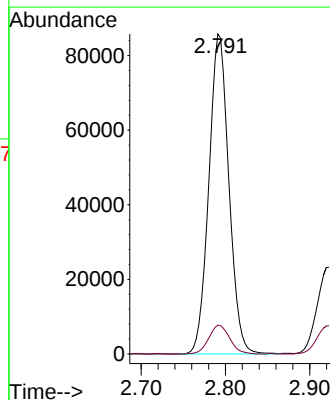
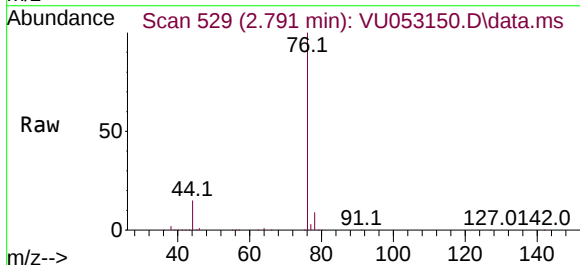
Acq: 27 Feb 2023 12:06

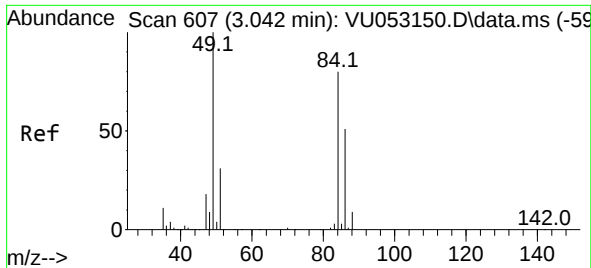
Tgt Ion: 76 Resp: 141816

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

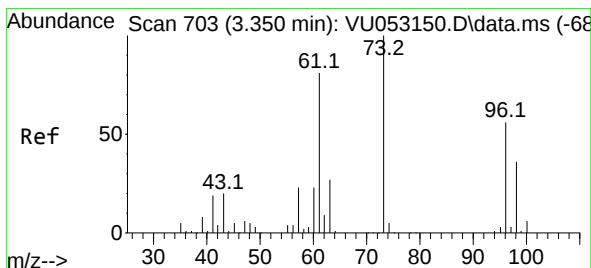
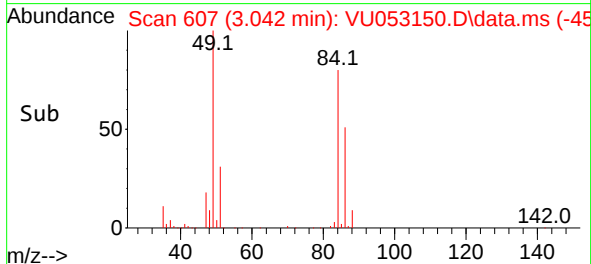
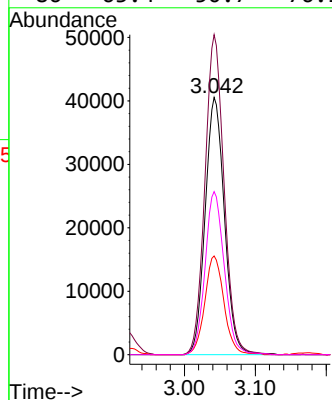
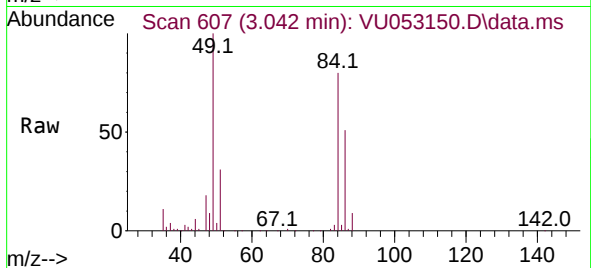




#15
Methylene Chloride
Concen: 8.890 ug/l
RT: 3.042 min Scan# 607
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

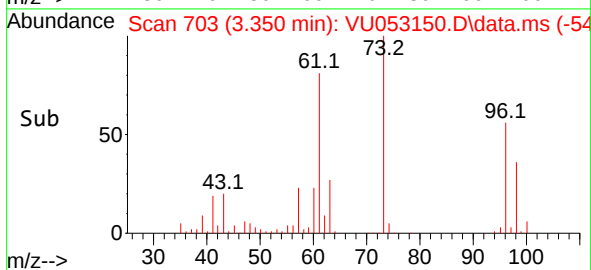
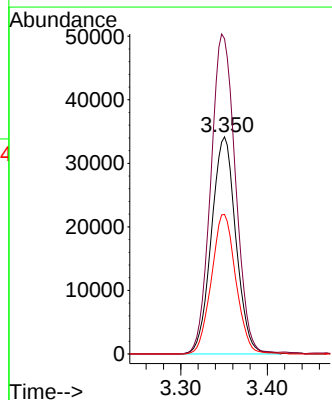
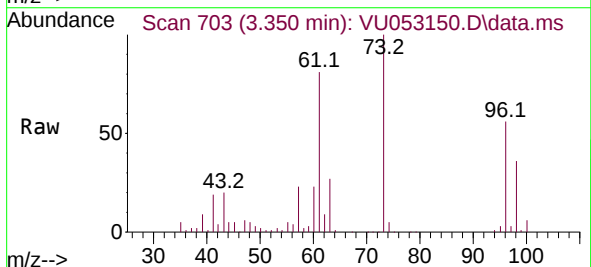
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

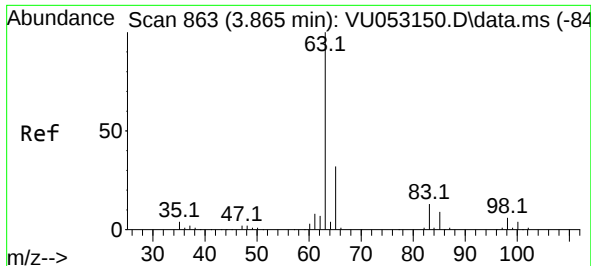
Tgt Ion:	84	Resp:	76699
Ion	Ratio	Lower	Upper
84	100		
49	124.4	99.5	149.3
51	38.4	0.0	76.8
86	63.4	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 10.112 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:	96	Resp:	67100
Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.1	174.1
98	64.3	51.4	77.2





#17

1,1-Dichloroethane

Concen: 10.245 ug/l

RT: 3.865 min Scan# 863

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

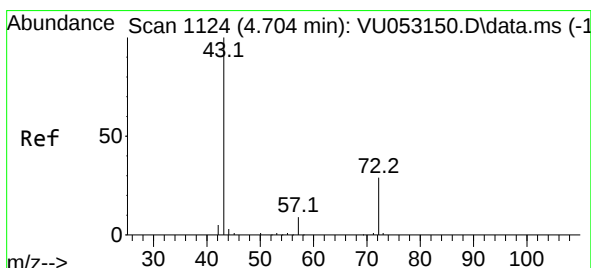
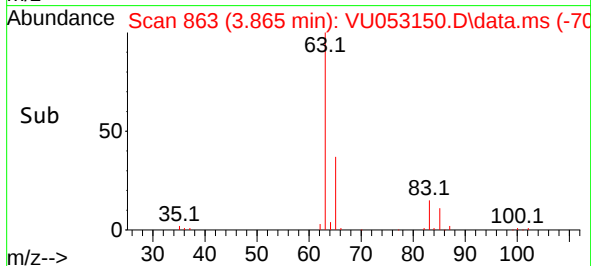
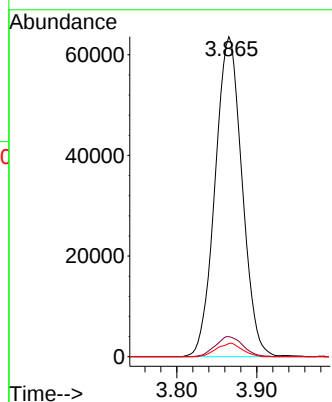
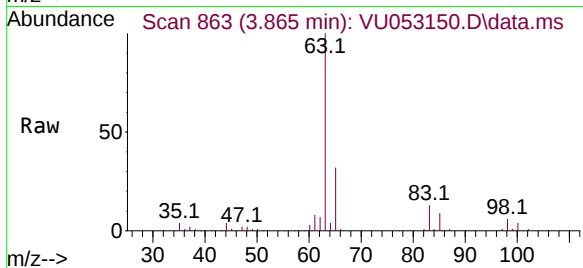
Tgt Ion: 63 Resp: 148735

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.1 2.1 6.2



#18

2-Butanone

Concen: 44.088 ug/l

RT: 4.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VU053150.D

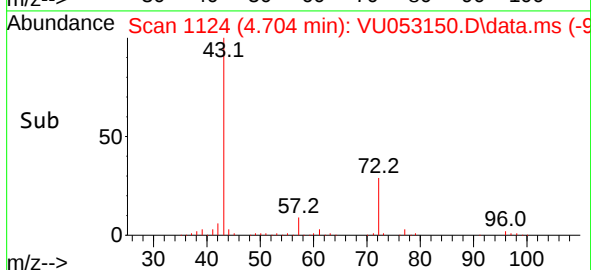
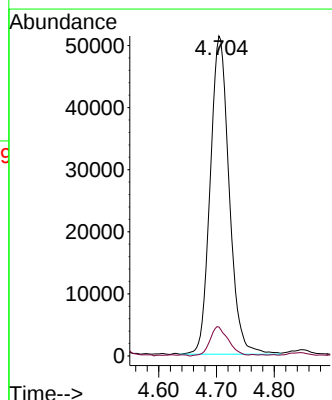
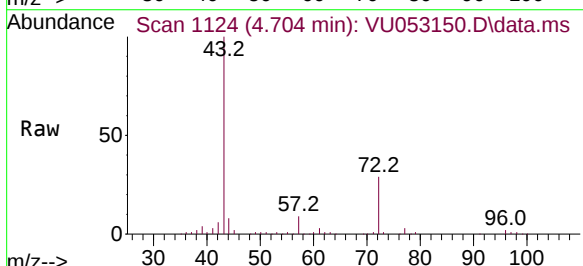
Acq: 27 Feb 2023 12:06

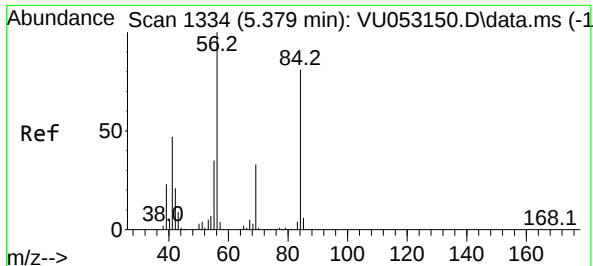
Tgt Ion: 43 Resp: 116949

Ion Ratio Lower Upper

43 100

57 8.8 0.0 17.6





#19

Cyclohexane

Concen: 8.955 ug/l

RT: 5.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

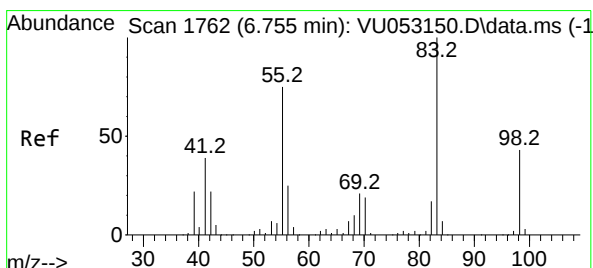
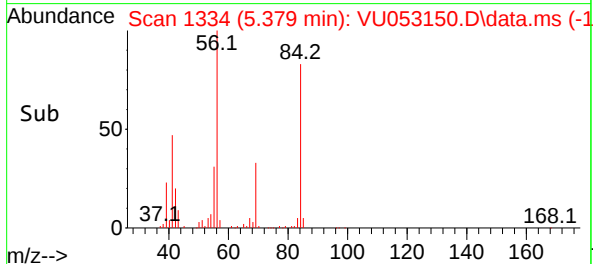
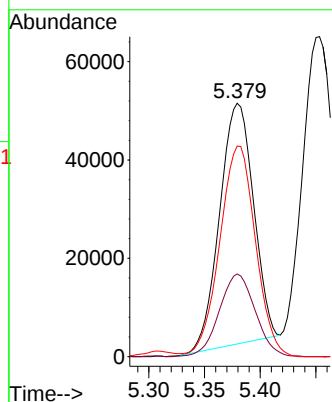
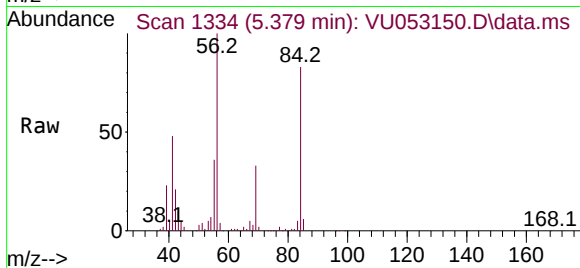
Tgt Ion: 56 Resp: 103690

Ion Ratio Lower Upper

56 100

69 36.5 26.1 39.1

84 90.6 64.7 97.1



#20

Methylcyclohexane

Concen: 10.331 ug/l

RT: 6.755 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

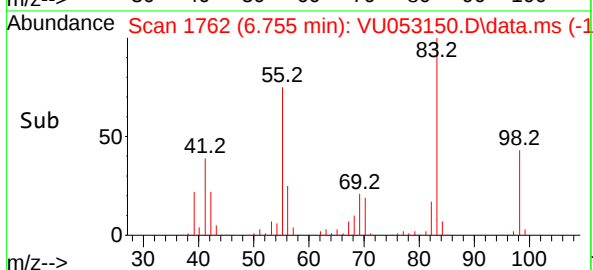
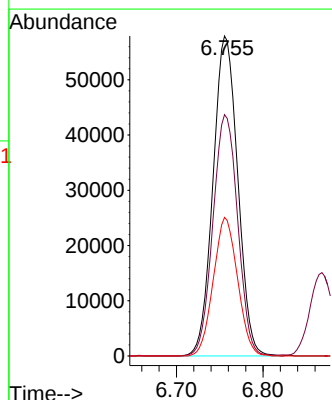
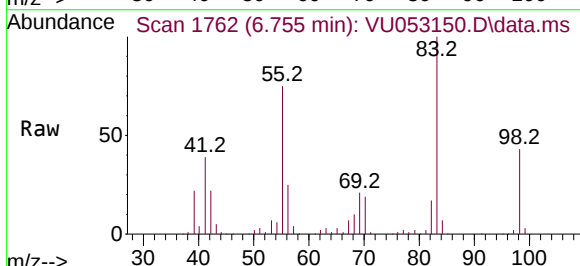
Tgt Ion: 83 Resp: 114963

Ion Ratio Lower Upper

83 100

55 75.2 60.2 90.2

98 42.4 33.9 50.9





#21

2,2-Dichloropropane

Concen: 9.973 ug/l

RT: 4.659 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

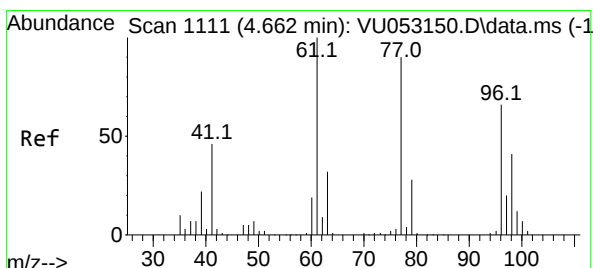
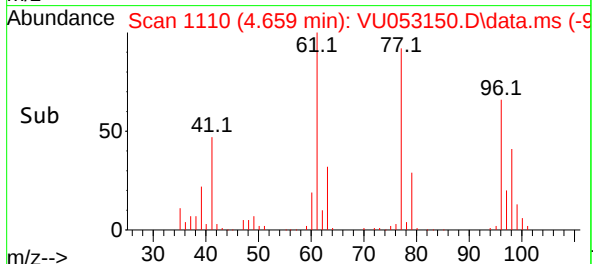
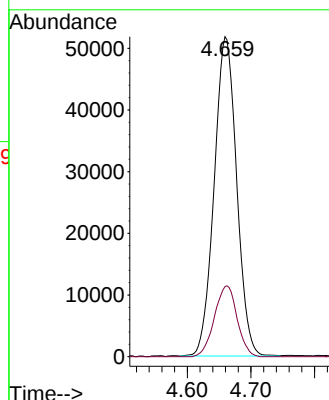
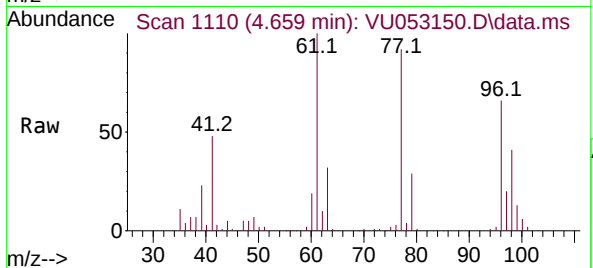
VSTDICCC010

Tgt Ion: 77 Resp: 126851

Ion Ratio Lower Upper

77 100

97 22.4 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 9.962 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

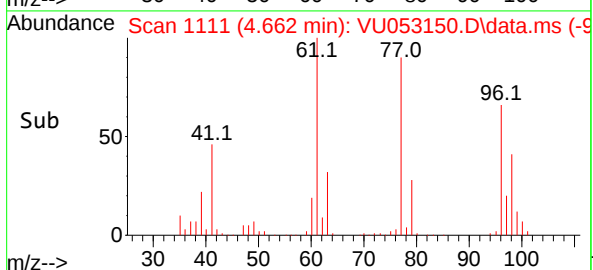
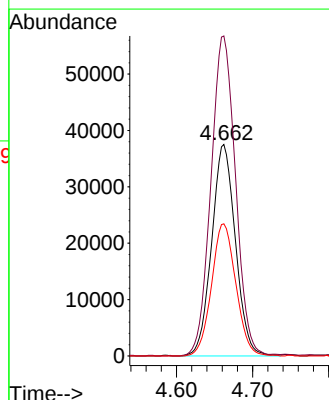
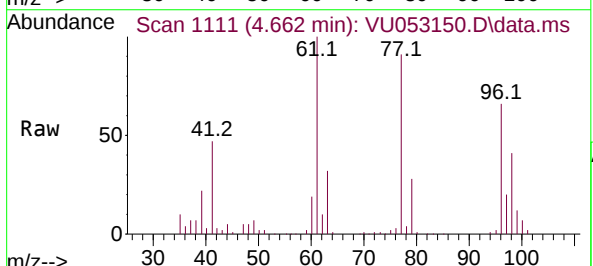
Tgt Ion: 96 Resp: 81574

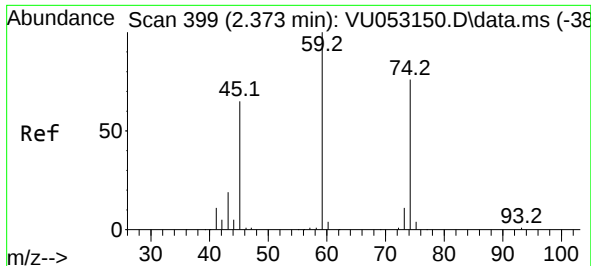
Ion Ratio Lower Upper

96 100

61 156.2 0.0 390.5

98 63.9 31.9 95.9

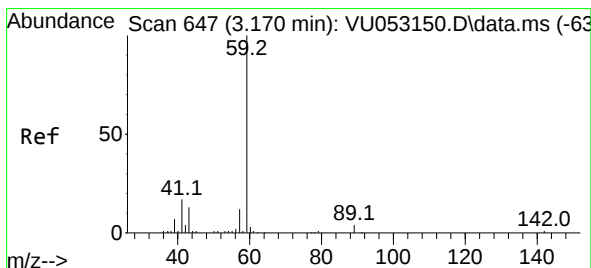
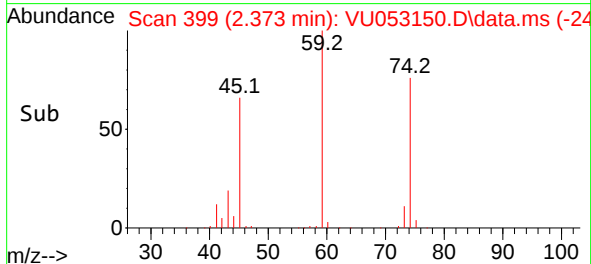
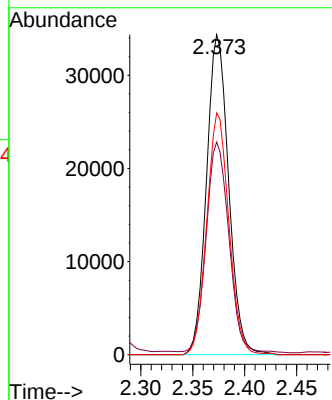
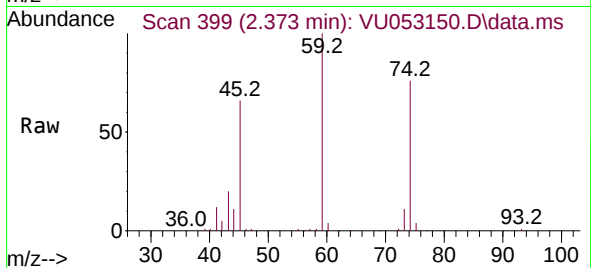




#23
Diethyl Ether
Concen: 10.299 ug/l
RT: 2.373 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

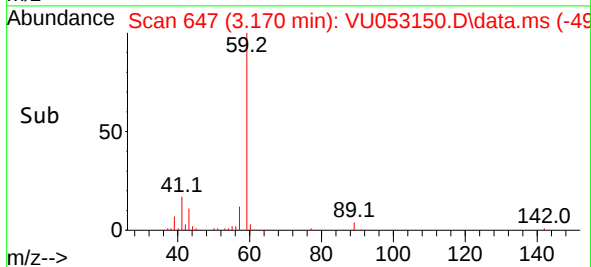
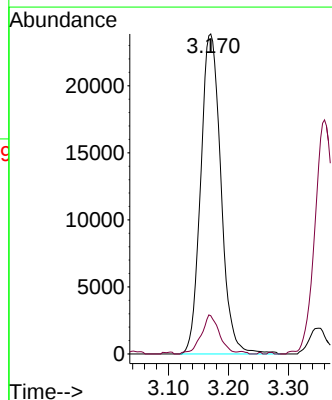
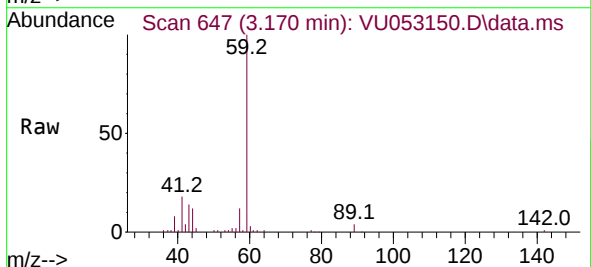
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

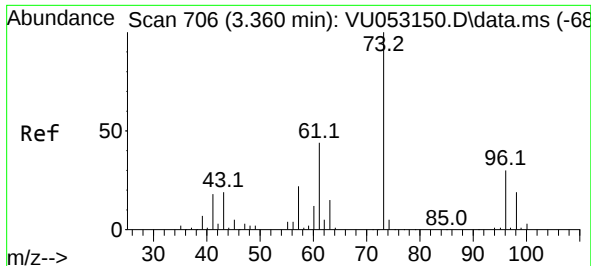
Tgt Ion: 59 Resp: 50868
Ion Ratio Lower Upper
59 100
45 67.7 54.2 81.2
74 75.5 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 96.690 ug/l
RT: 3.170 min Scan# 647
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 59 Resp: 56098
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

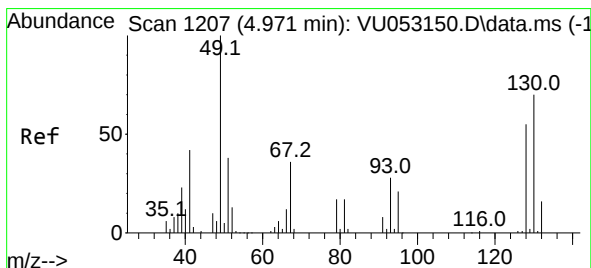
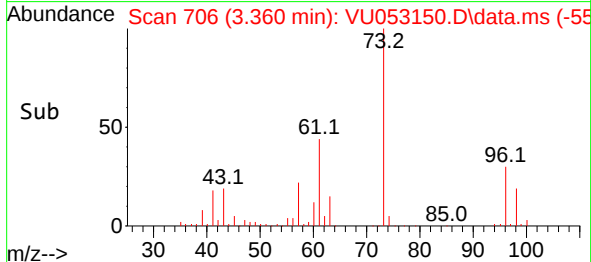
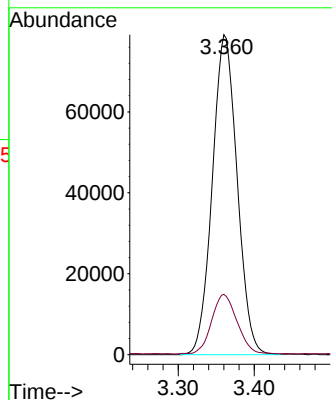
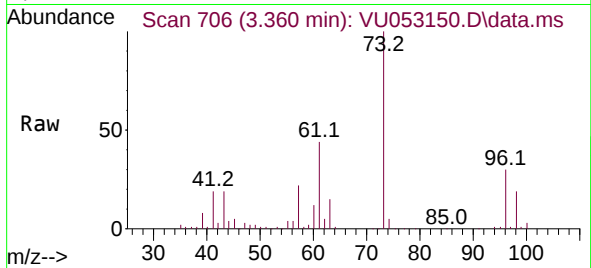




#25
Methyl tert-Butyl Ether
Concen: 10.215 ug/l
RT: 3.360 min Scan# 706
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

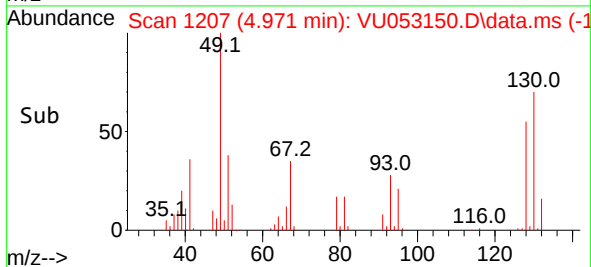
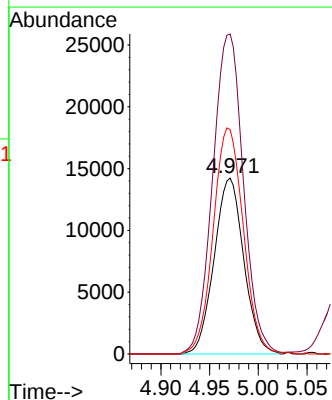
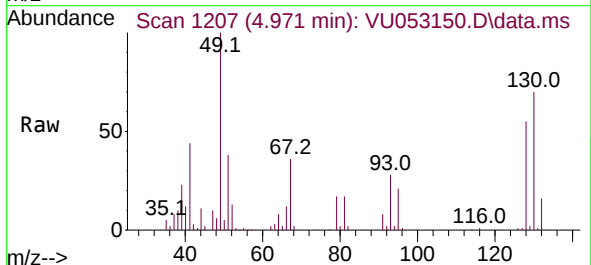
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 179278
Ion Ratio Lower Upper
73 100
43 18.8 15.0 22.6



#26
Bromochloromethane
Concen: 9.494 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 128 Resp: 30061
Ion Ratio Lower Upper
128 100
49 188.4 0.0 376.8
130 131.0 104.8 157.2





#27

Chloroform

Concen: 9.874 ug/l

RT: 5.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

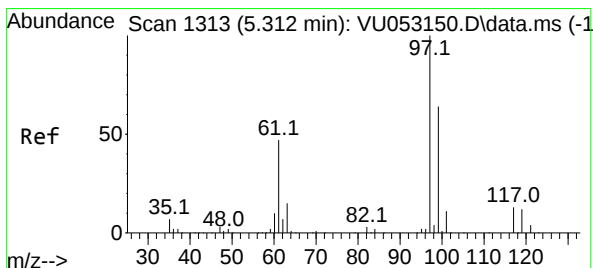
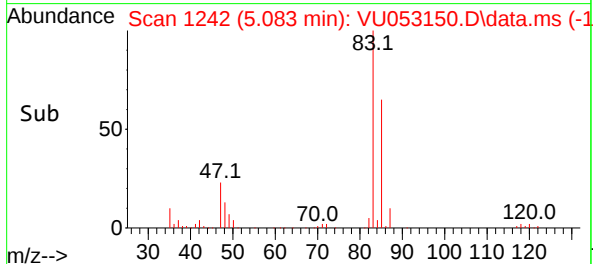
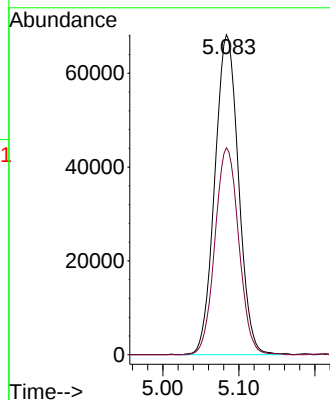
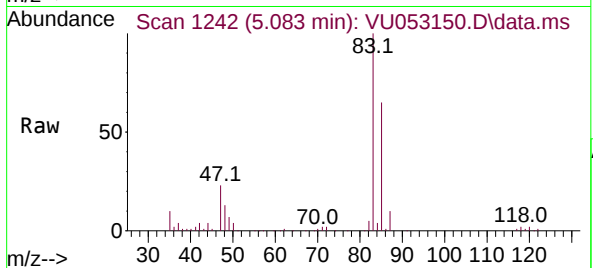
VSTDICCC010

Tgt Ion: 83 Resp: 147693

Ion Ratio Lower Upper

83 100

85 64.6 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 9.922 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

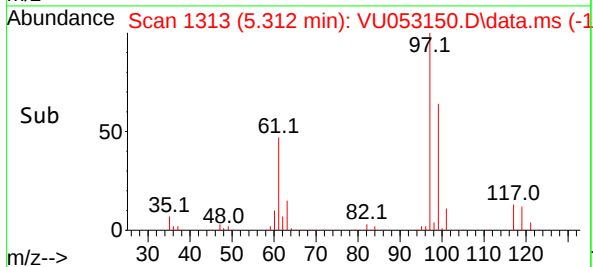
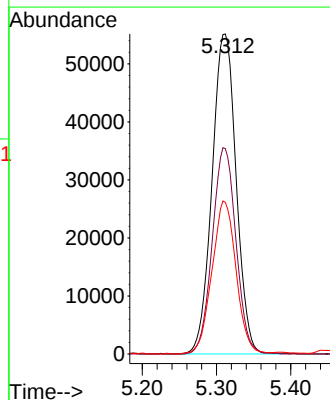
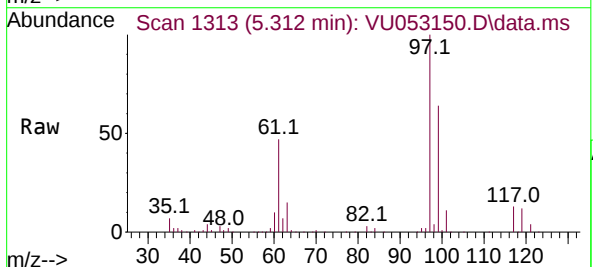
Tgt Ion: 97 Resp: 124659

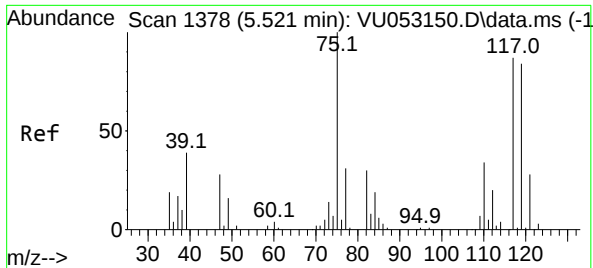
Ion Ratio Lower Upper

97 100

99 63.2 31.6 94.8

61 47.8 23.9 71.7

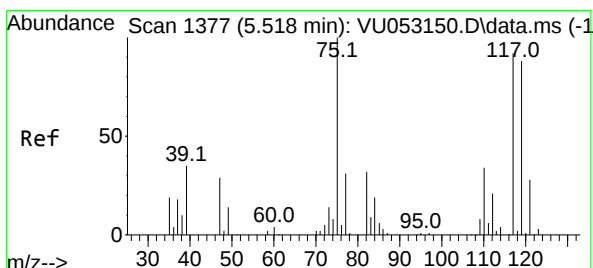
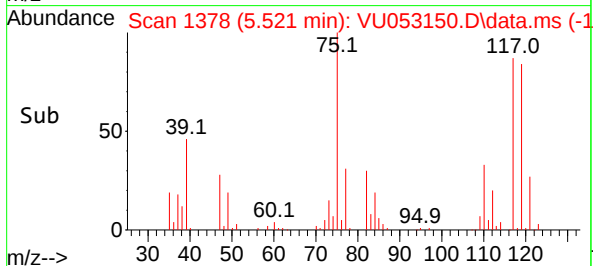
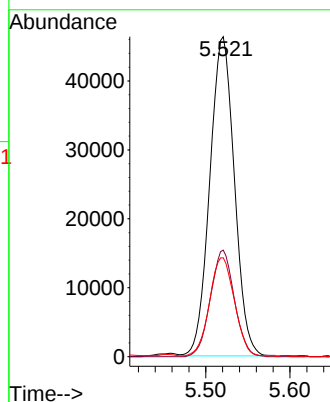
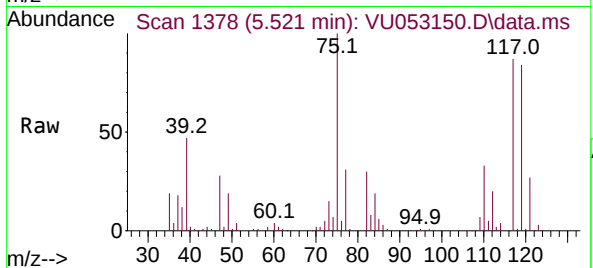




#29
1,1-Dichloropropene
Concen: 9.949 ug/l
RT: 5.521 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

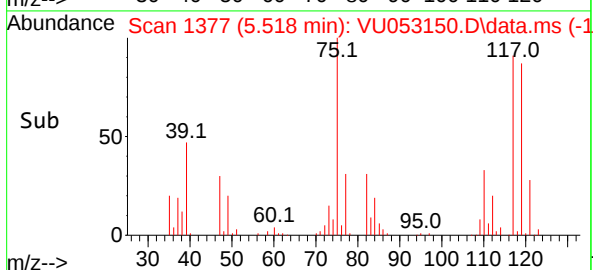
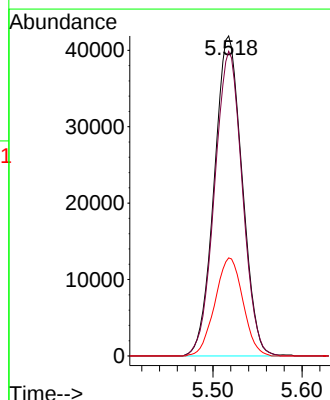
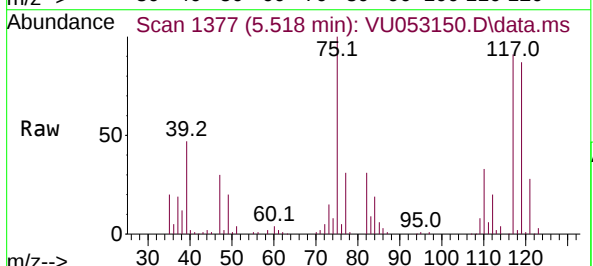
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

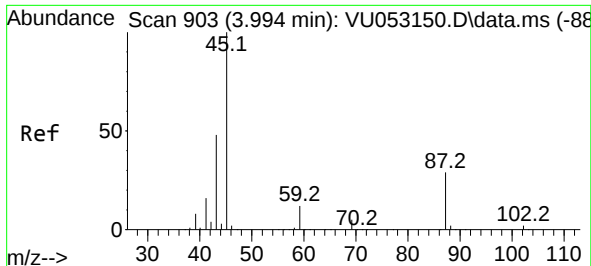
Tgt Ion:	75	Resp:	93690
Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.3	48.8
77	31.1	24.9	37.3



#30
Carbon Tetrachloride
Concen: 10.521 ug/l
RT: 5.518 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:	117	Resp:	91018
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
121	30.7	24.6	36.8

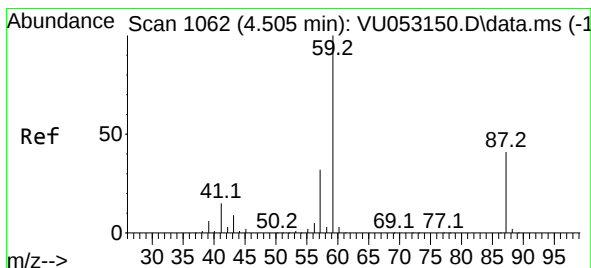
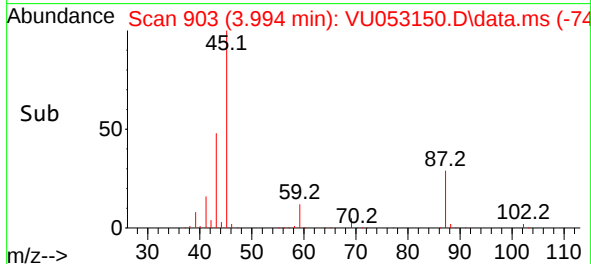
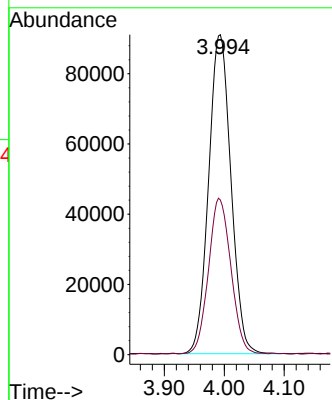
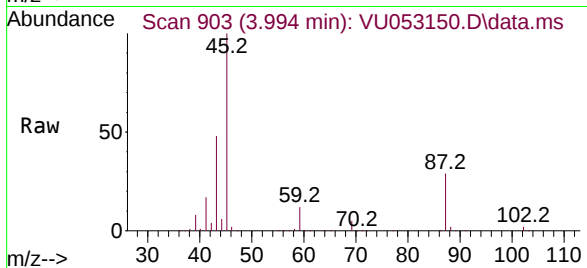




#31
Isopropyl Ether
Concen: 10.152 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

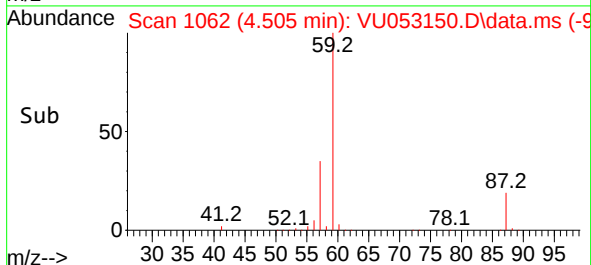
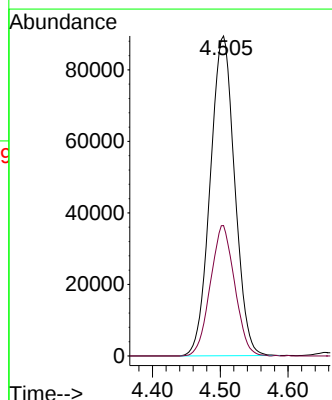
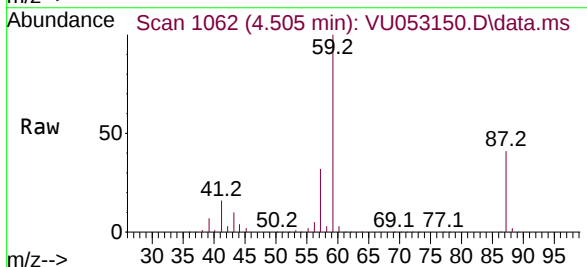
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

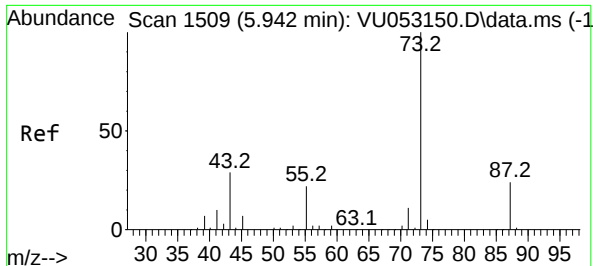
Tgt Ion: 45 Resp: 235095
Ion Ratio Lower Upper
45 100
43 48.8 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 10.195 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 59 Resp: 223781
Ion Ratio Lower Upper
59 100
87 40.6 32.5 48.7

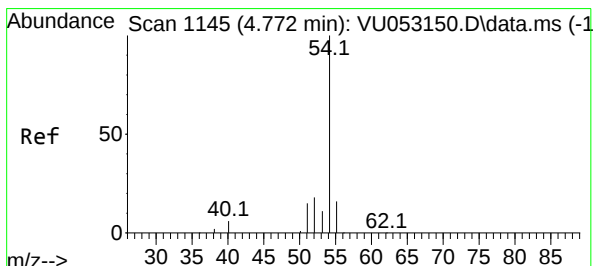
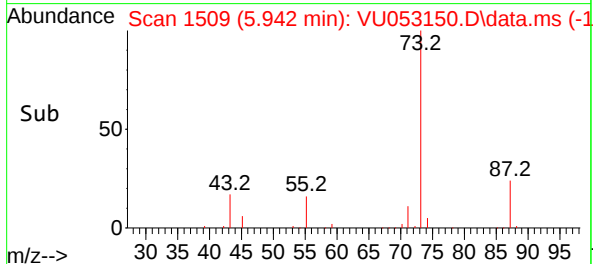
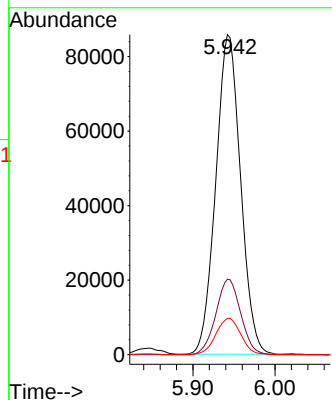
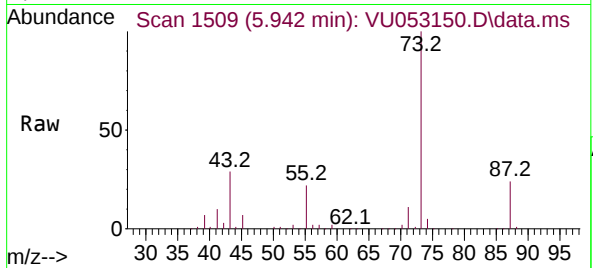




#33
Tert-Amyl methyl ether
Concen: 10.326 ug/l
RT: 5.942 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

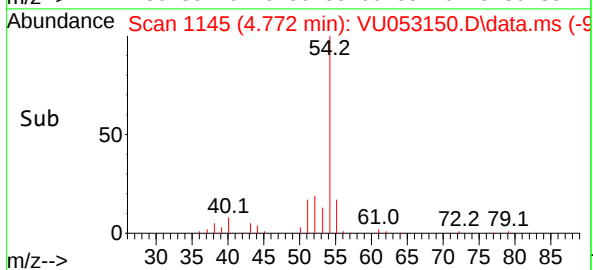
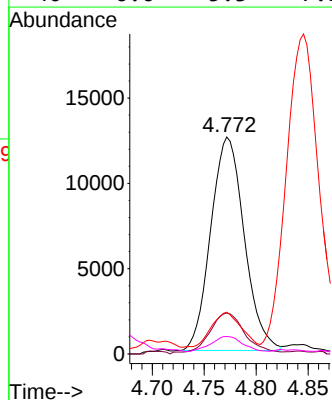
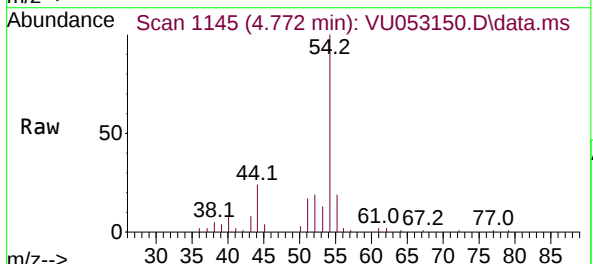
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

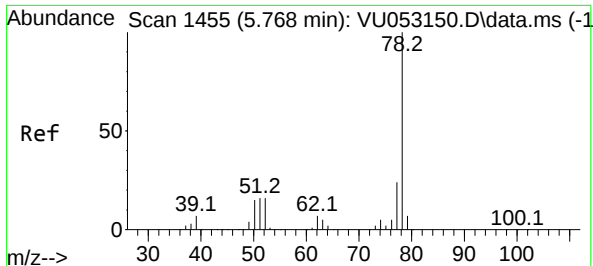
Tgt Ion: 73 Resp: 179861
Ion Ratio Lower Upper
73 100
87 23.7 19.0 28.4
71 11.5 9.2 13.8



#34
Propionitrile
Concen: 45.452 ug/l
RT: 4.772 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 54 Resp: 28047
Ion Ratio Lower Upper
54 100
52 20.6 16.5 24.7
55 14.3 11.4 17.2
40 6.6 5.3 7.9





#35

Benzene

Concen: 10.163 ug/l

RT: 5.768 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

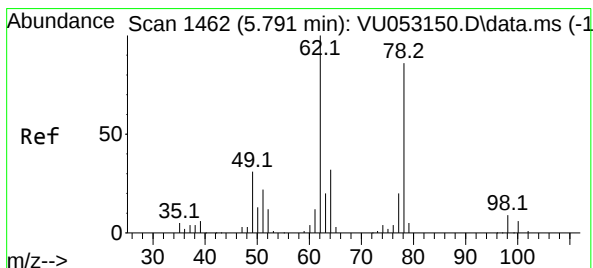
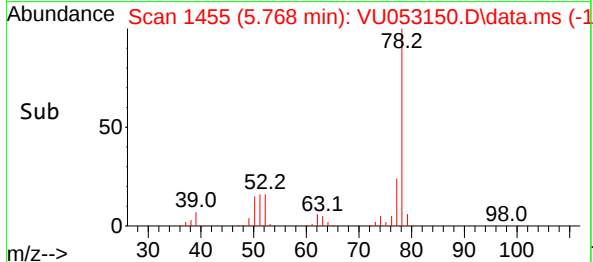
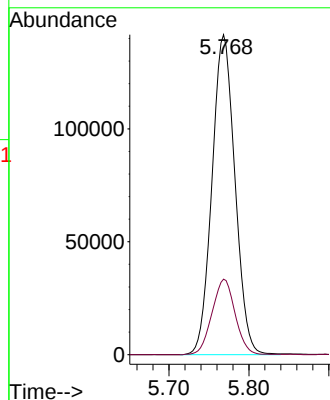
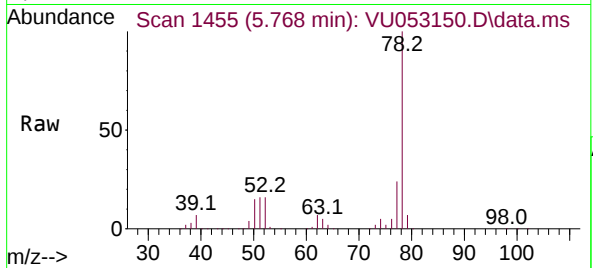
VSTDICCC010

Tgt Ion: 78 Resp: 282386

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3



#36

1,2-Dichloroethane

Concen: 9.948 ug/l

RT: 5.791 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VU053150.D

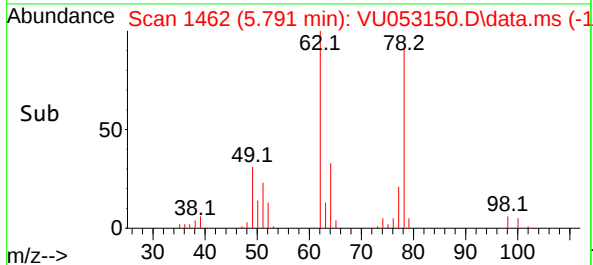
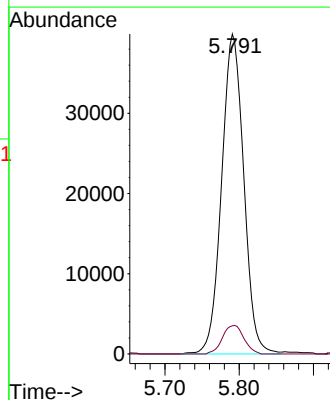
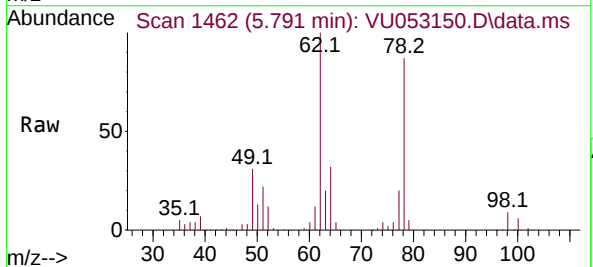
Acq: 27 Feb 2023 12:06

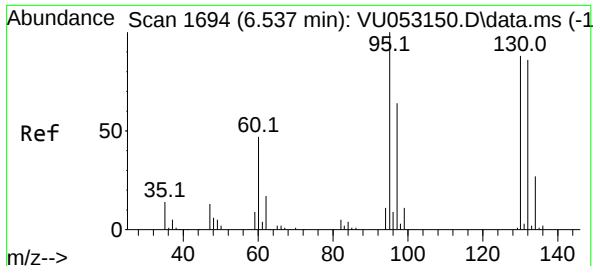
Tgt Ion: 62 Resp: 82622

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4





#37

Trichloroethene

Concen: 10.391 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

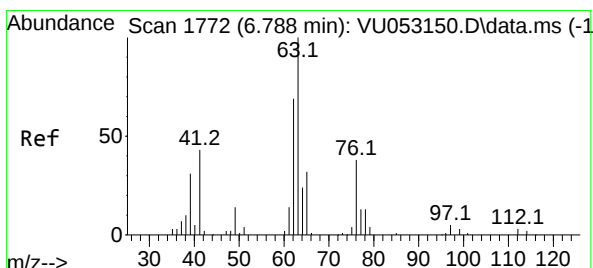
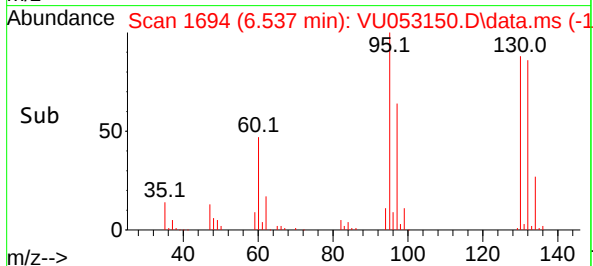
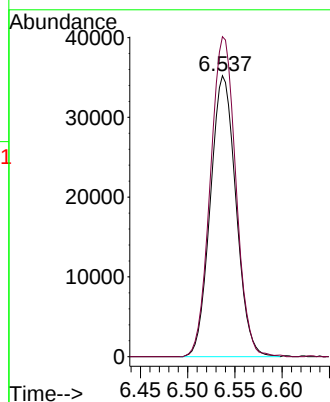
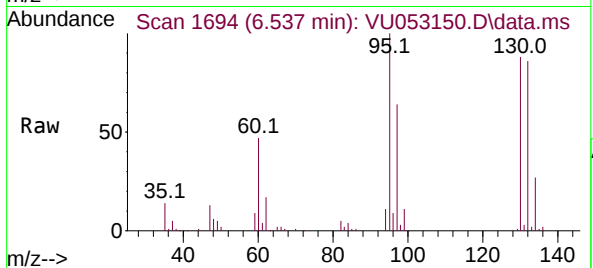
VSTDICCC010

Tgt Ion:130 Resp: 66251

Ion Ratio Lower Upper

130 100

95 113.9 91.1 136.7



#38

1,2-Dichloropropane

Concen: 10.394 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VU053150.D

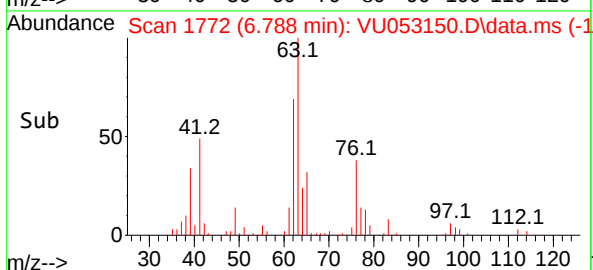
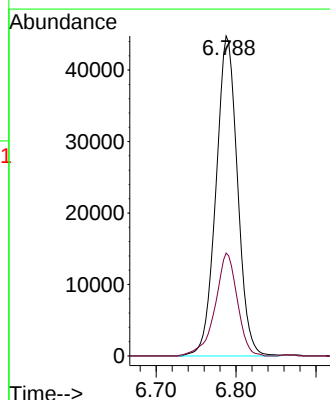
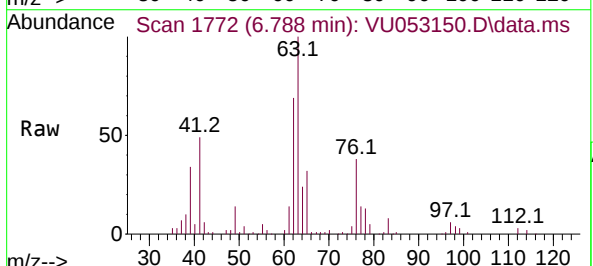
Acq: 27 Feb 2023 12:06

Tgt Ion: 63 Resp: 83519

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3





#39

Methacrylonitrile

Concen: 9.616 ug/l

RT: 4.974 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 25367

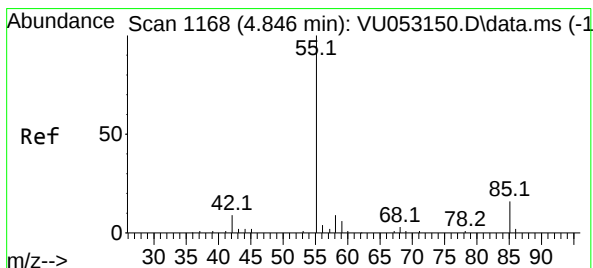
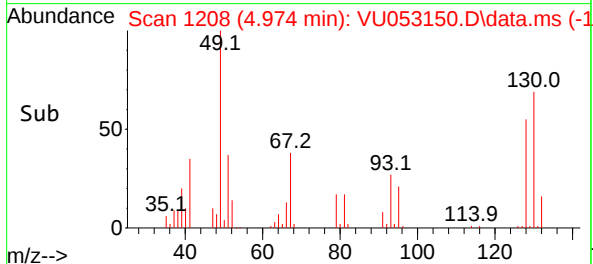
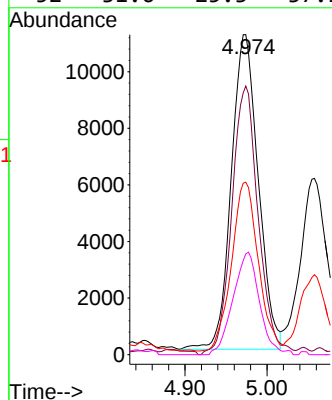
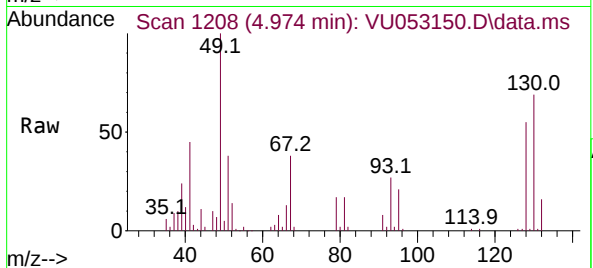
Ion Ratio Lower Upper

41 100

67 83.9 67.1 100.7

39 53.3 42.6 64.0

52 31.6 25.3 37.9



#40

Methyl acrylate

Concen: 10.045 ug/l

RT: 4.846 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Tgt Ion: 55 Resp: 40869

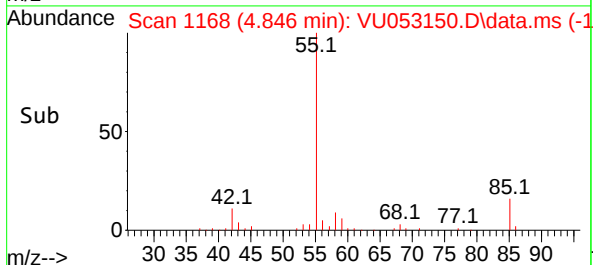
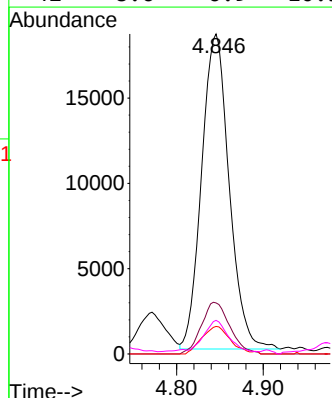
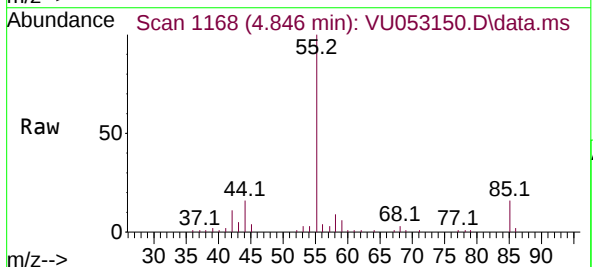
Ion Ratio Lower Upper

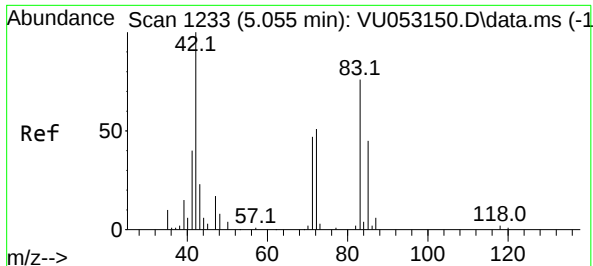
55 100

85 16.9 13.5 20.3

58 9.1 7.3 10.9

42 8.6 6.9 10.3





#41

Tetrahydrofuran

Concen: 18.581 ug/l

RT: 5.055 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

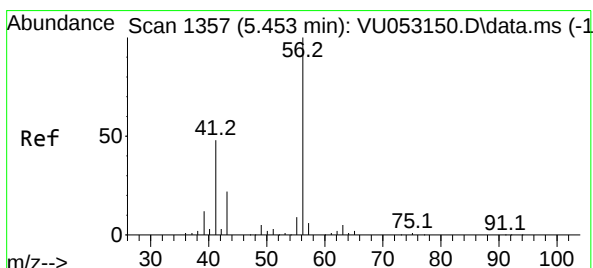
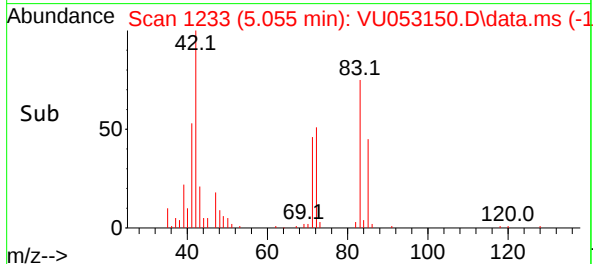
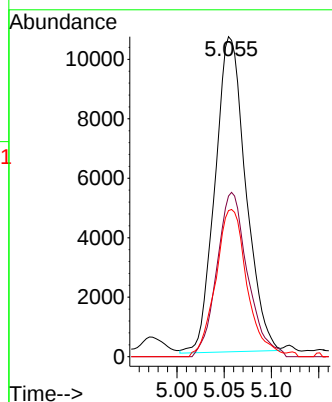
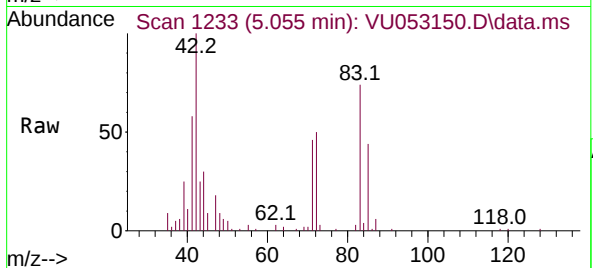
Tgt Ion: 42 Resp: 23981

Ion Ratio Lower Upper

42 100

72 52.0 41.6 62.4

71 47.4 37.9 56.9



#42

1-Chlorobutane

Concen: 10.236 ug/l

RT: 5.453 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU053150.D

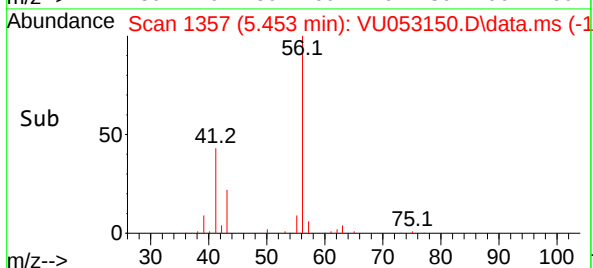
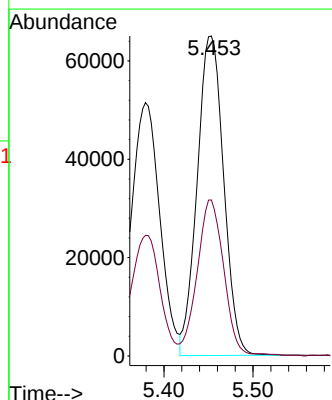
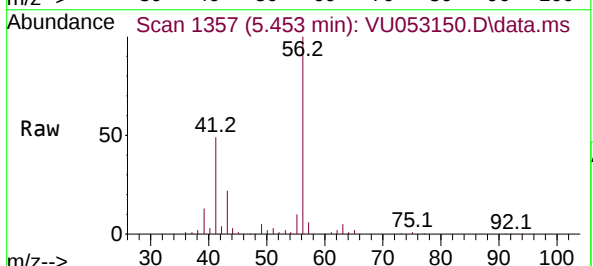
Acq: 27 Feb 2023 12:06

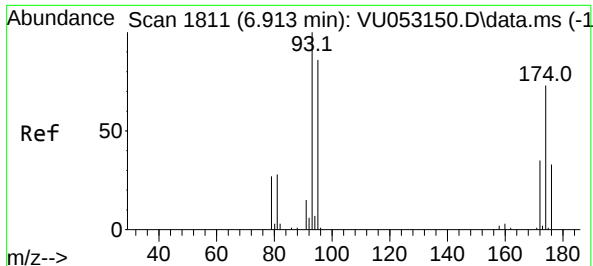
Tgt Ion: 56 Resp: 134171

Ion Ratio Lower Upper

56 100

41 47.4 23.7 71.1





#43

Dibromomethane

Concen: 10.161 ug/l

RT: 6.913 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

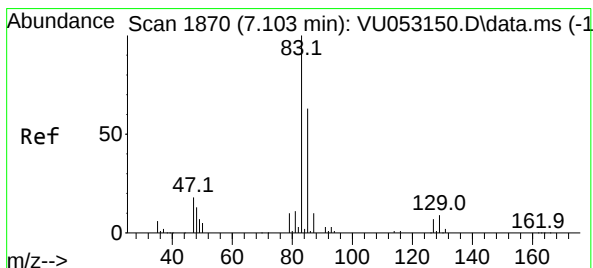
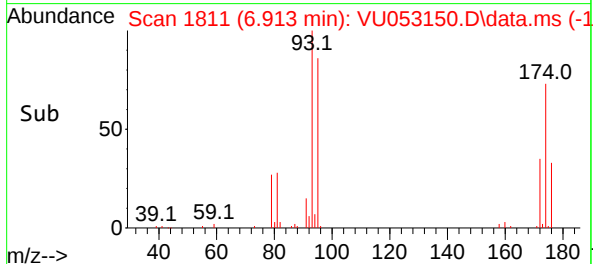
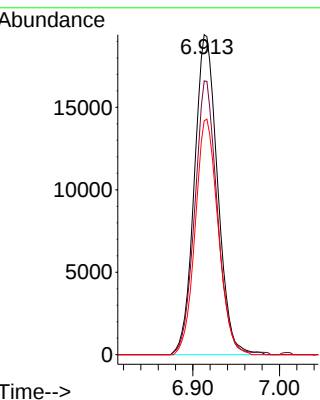
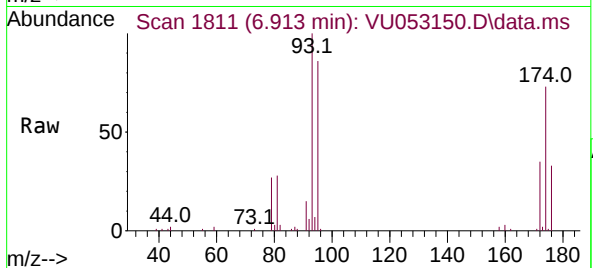
Tgt Ion: 93 Resp: 36188

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 72.8 58.2 87.4



#44

Bromodichloromethane

Concen: 10.591 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

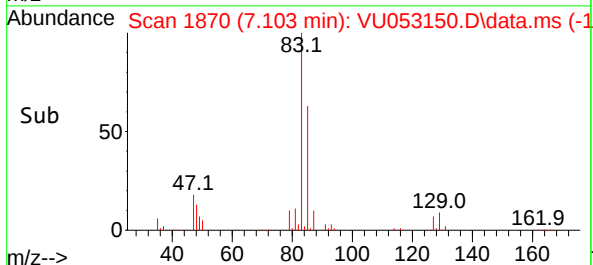
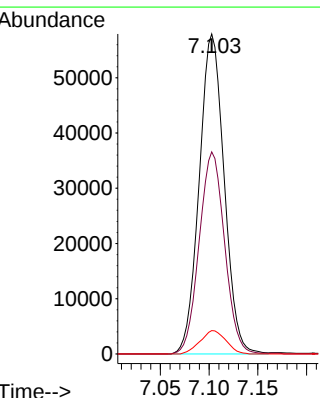
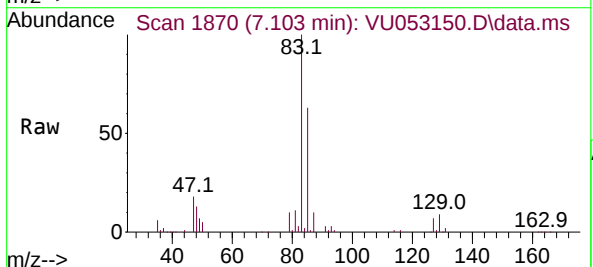
Tgt Ion: 83 Resp: 103182

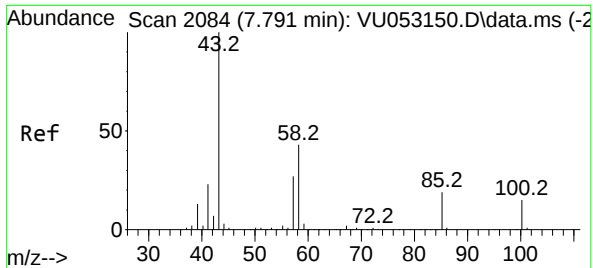
Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

127 7.3 5.8 8.8

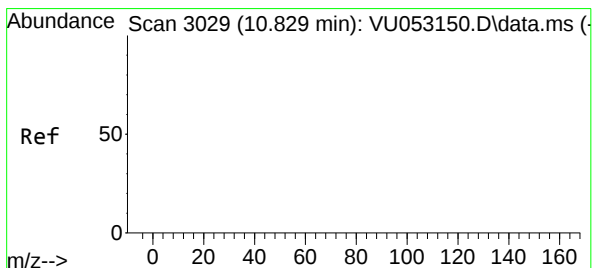
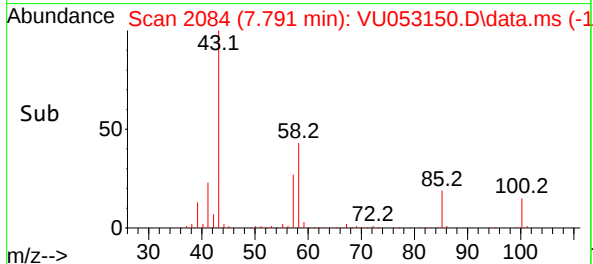
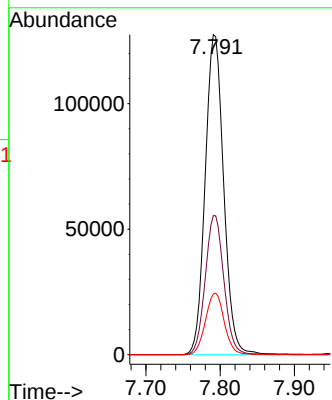
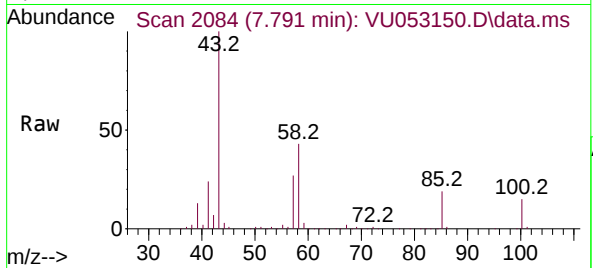




#45
4-Methyl-2-Pentanone
Concen: 50.681 ug/l
RT: 7.791 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

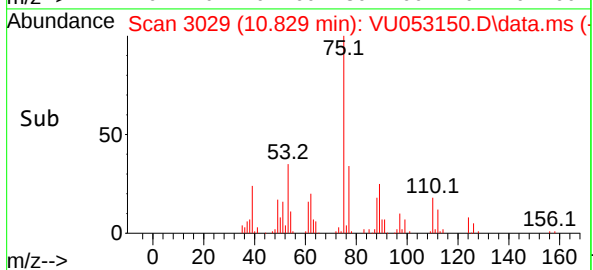
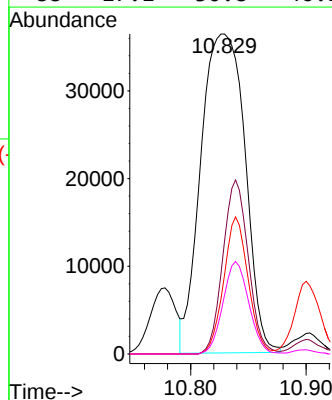
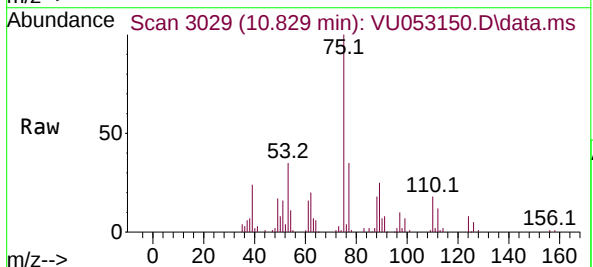
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

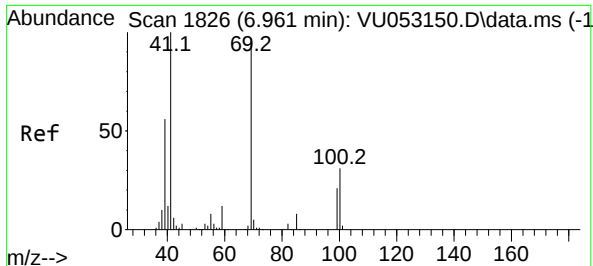
Tgt Ion: 43 Resp: 220384
Ion Ratio Lower Upper
43 100
58 44.0 22.0 66.0
85 19.6 15.7 23.5



#46
t-1,4-Dichloro-2-butene
Concen: 43.995 ug/l
RT: 10.829 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 75 Resp: 96402
Ion Ratio Lower Upper
75 100
53 31.5 57.0 85.4#
89 23.9 43.1 64.7#
88 17.1 30.8 46.2#





#47

Methyl methacrylate

Concen: 20.696 ug/l

RT: 6.961 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 75869

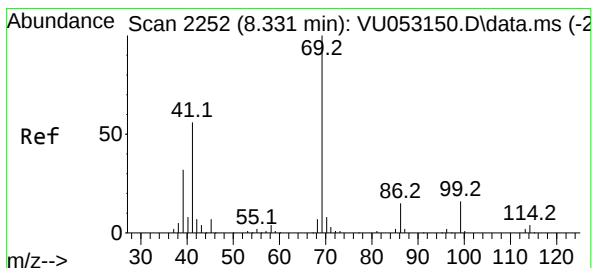
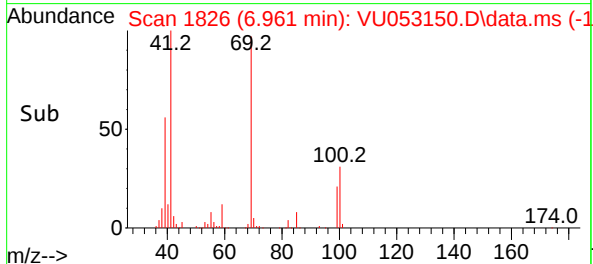
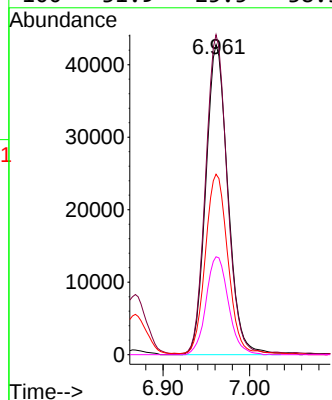
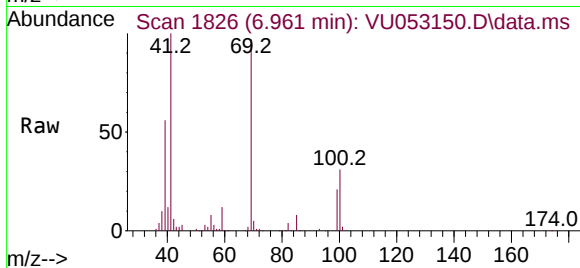
Ion Ratio Lower Upper

69 100

41 100.5 0.0 201.0

39 58.9 47.1 70.7

100 31.9 25.5 38.3



#48

Ethyl methacrylate

Concen: 10.523 ug/l

RT: 8.331 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VU053150.D

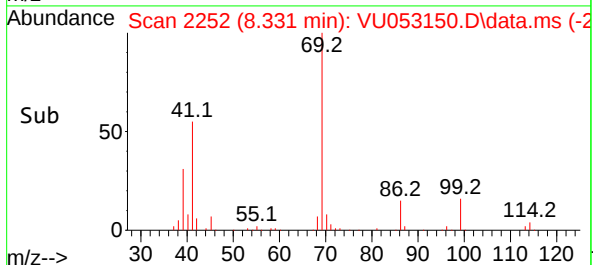
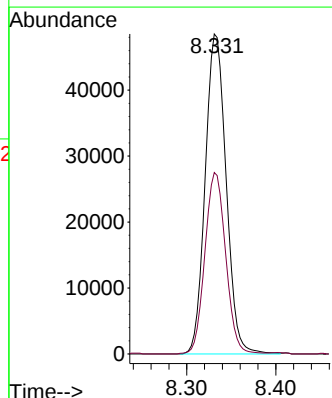
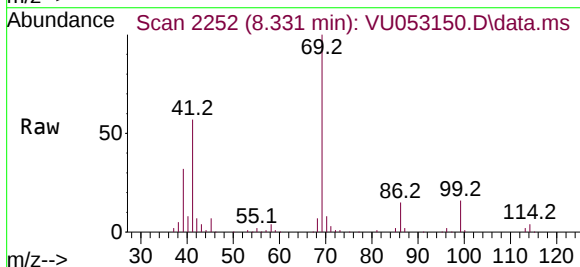
Acq: 27 Feb 2023 12:06

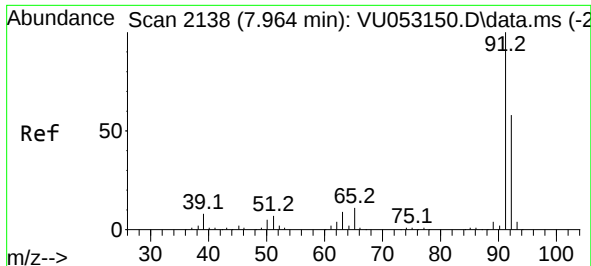
Tgt Ion: 69 Resp: 79163

Ion Ratio Lower Upper

69 100

41 56.4 28.2 84.6





#49

Toluene

Concen: 10.553 ug/l

RT: 7.964 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

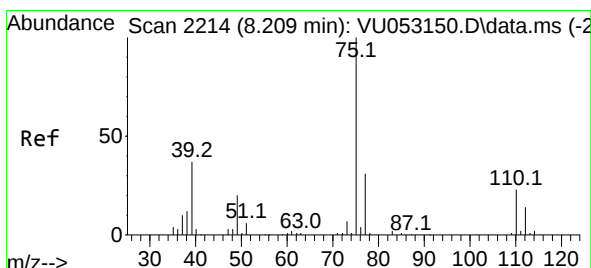
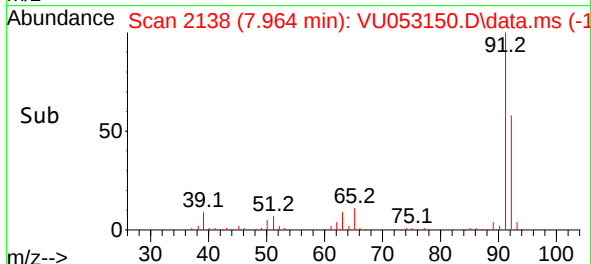
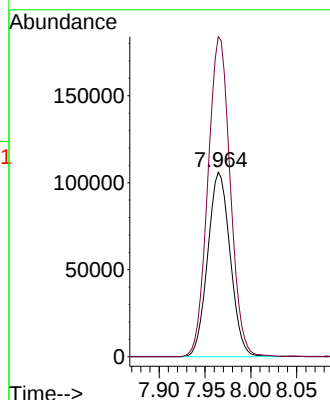
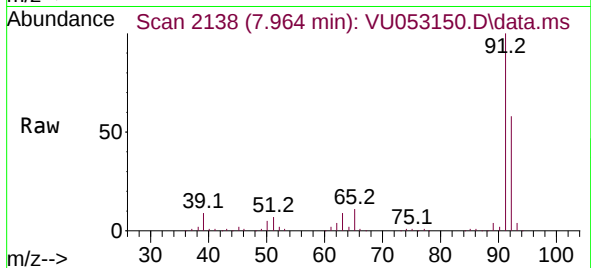
VSTDICCC010

Tgt Ion: 92 Resp: 180583

Ion Ratio Lower Upper

92 100

91 172.7 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 10.578 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VU053150.D

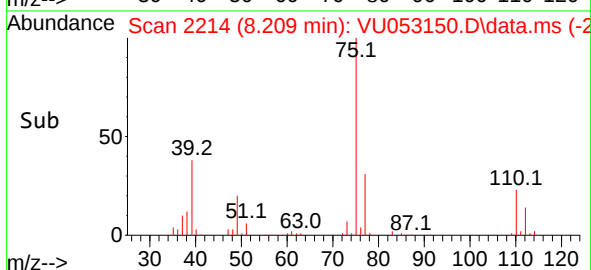
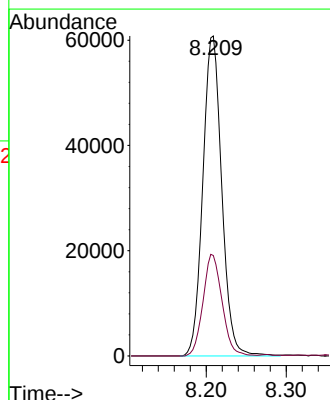
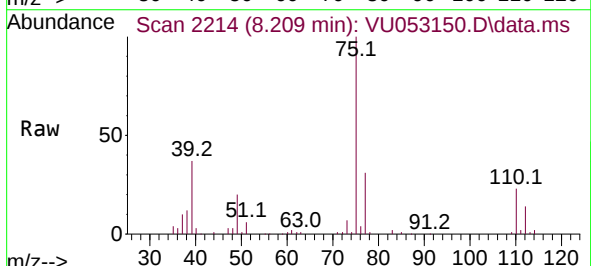
Acq: 27 Feb 2023 12:06

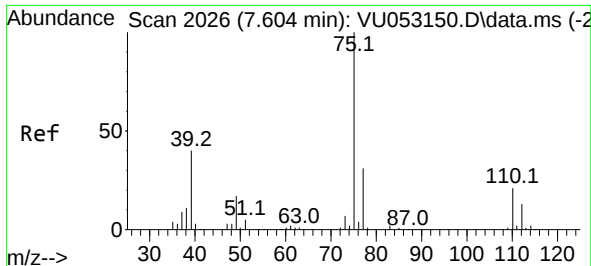
Tgt Ion: 75 Resp: 100111

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

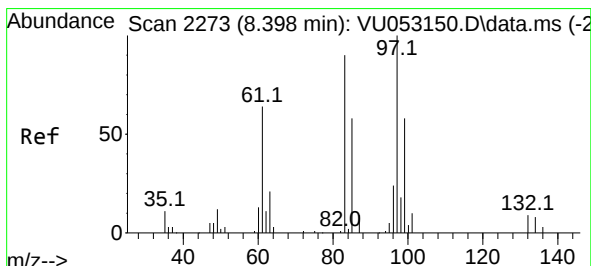
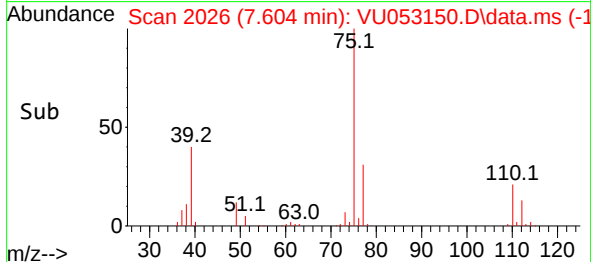
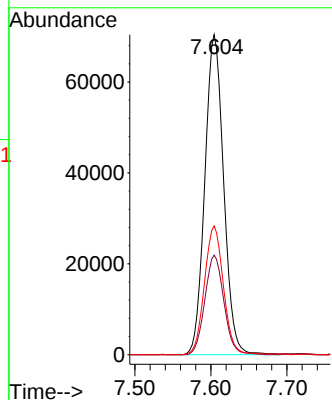
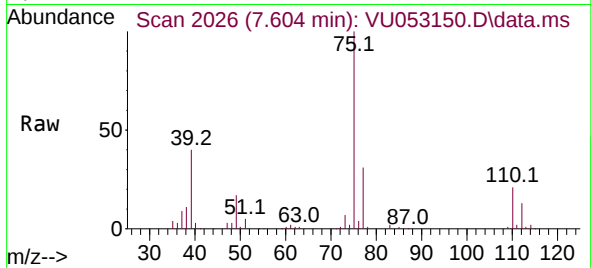




#51
 cis-1,3-Dichloropropene
 Concen: 10.569 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

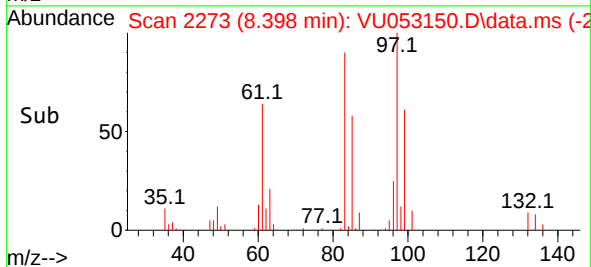
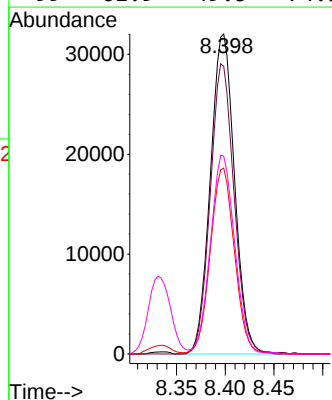
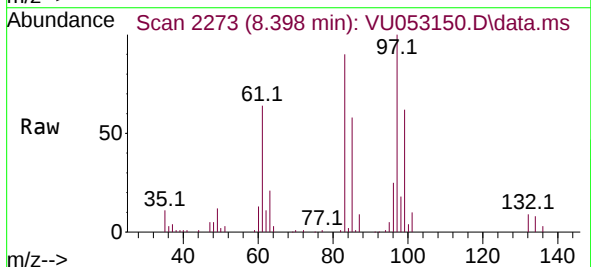
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

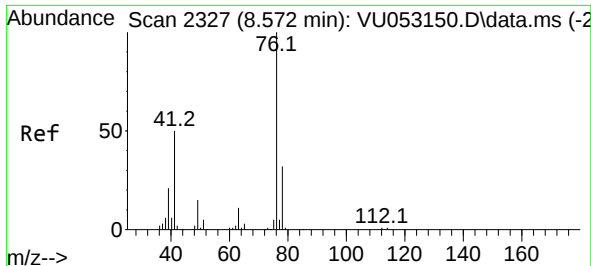
Tgt Ion: 75 Resp: 121224
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 40.2 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 10.570 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

Tgt Ion: 97 Resp: 55294
 Ion Ratio Lower Upper
 97 100
 83 89.9 71.9 107.9
 85 58.1 46.5 69.7
 99 61.9 49.5 74.3





#53

1,3-Dichloropropane

Concen: 10.314 ug/l

RT: 8.572 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

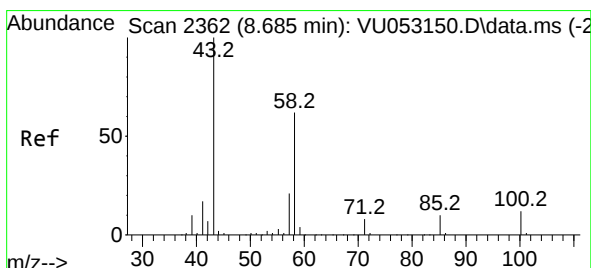
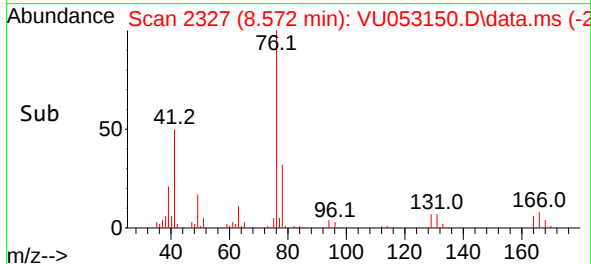
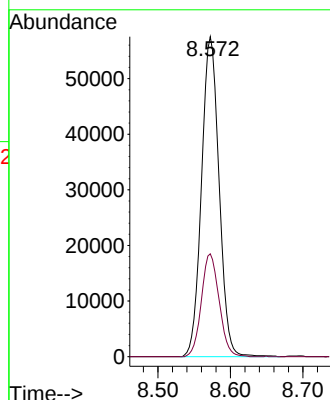
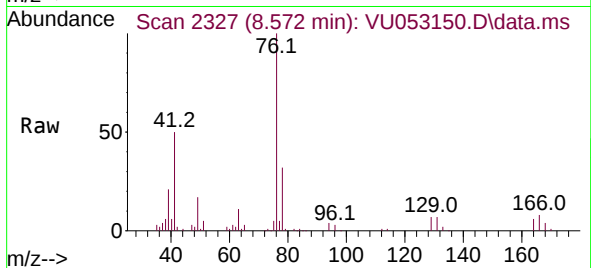
VSTDICCC010

Tgt Ion: 76 Resp: 96732

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#54

2-Hexanone

Concen: 45.034 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

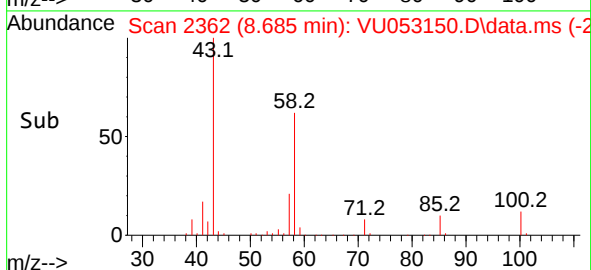
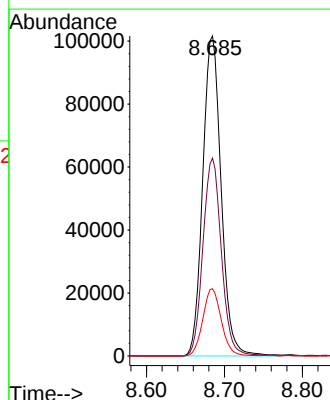
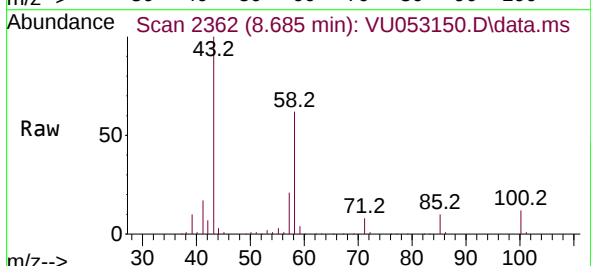
Tgt Ion: 43 Resp: 166848

Ion Ratio Lower Upper

43 100

58 62.0 42.0 82.0

57 21.2 1.2 41.2

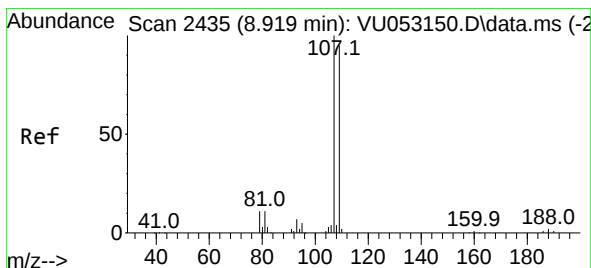
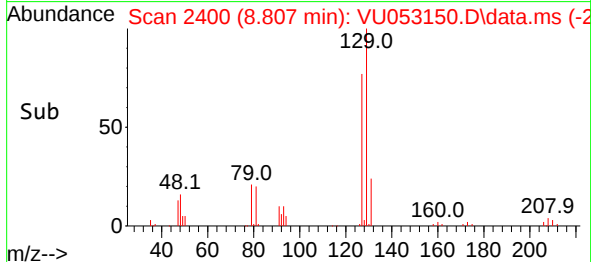
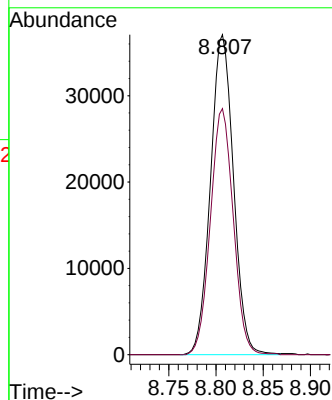
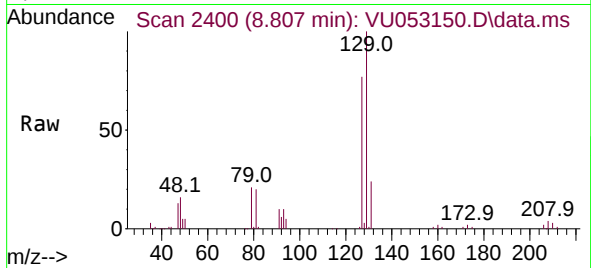




#55
Dibromochloromethane
Concen: 10.511 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

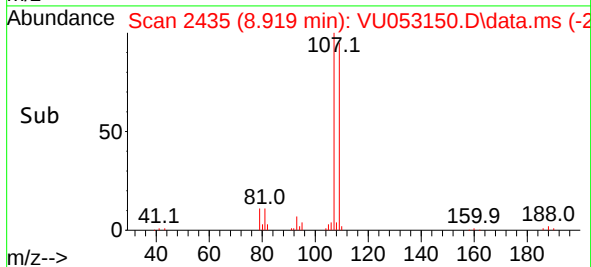
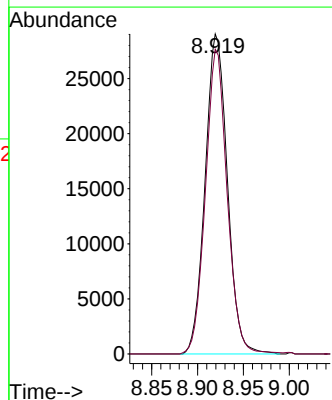
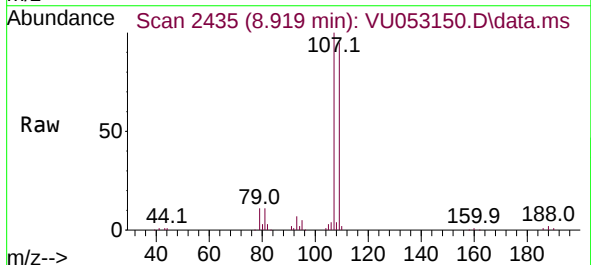
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

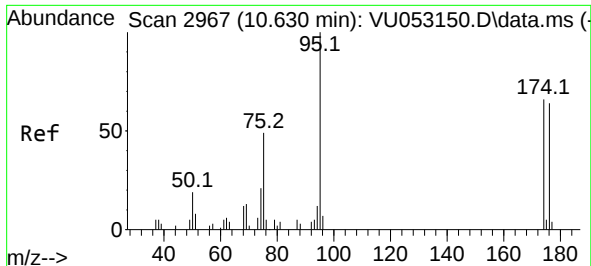
Tgt Ion:129 Resp: 62739
Ion Ratio Lower Upper
129 100
127 76.4 61.1 91.7



#56
1,2-Dibromoethane
Concen: 10.541 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:107 Resp: 48991
Ion Ratio Lower Upper
107 100
109 93.1 0.0 186.2

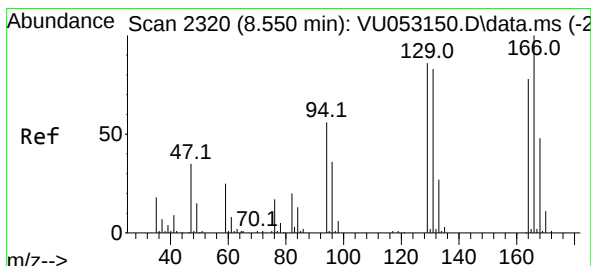
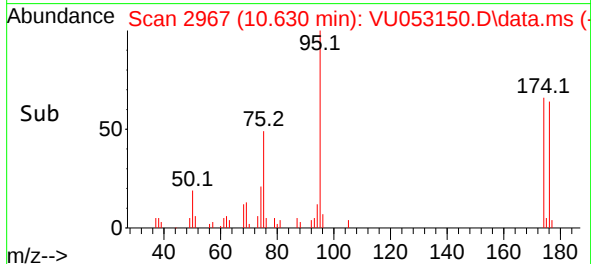
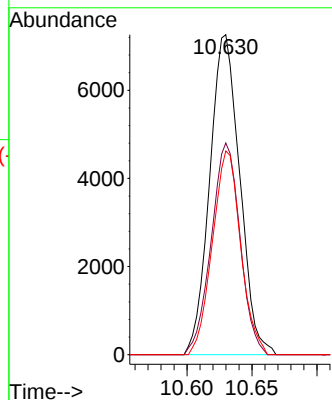
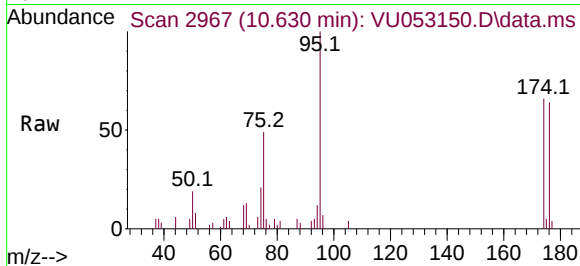




#57
4-Bromofluorobenzene
Concen: 0.998 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

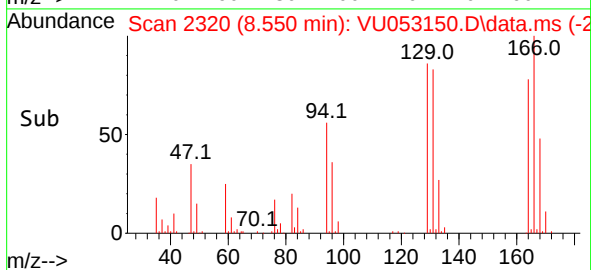
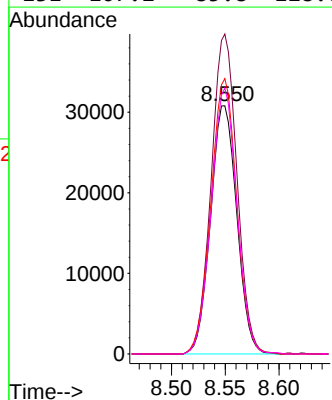
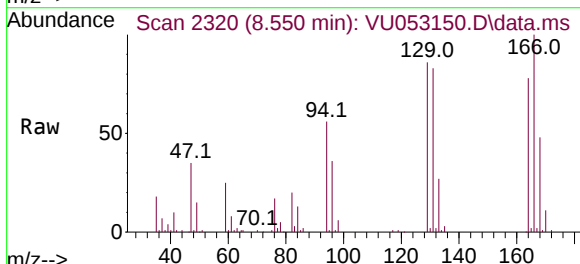
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

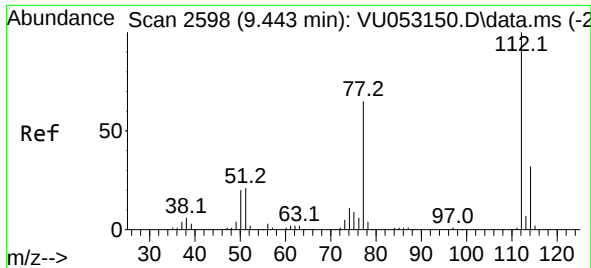
Tgt Ion: 95 Resp: 11678
Ion Ratio Lower Upper
95 100
174 63.4 50.7 76.1
176 59.7 47.8 71.6



#58
Tetrachloroethene
Concen: 10.248 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 164 Resp: 52102
Ion Ratio Lower Upper
164 100
166 129.0 103.2 154.8
129 111.0 88.8 133.2
131 107.2 85.8 128.6





#59

Chlorobenzene

Concen: 10.452 ug/l

RT: 9.443 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

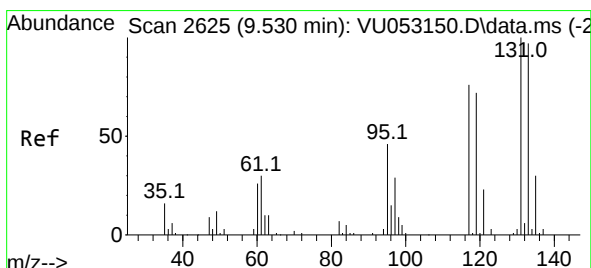
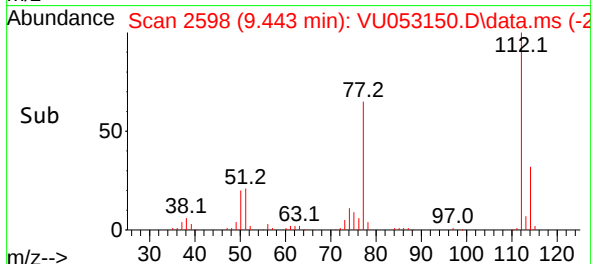
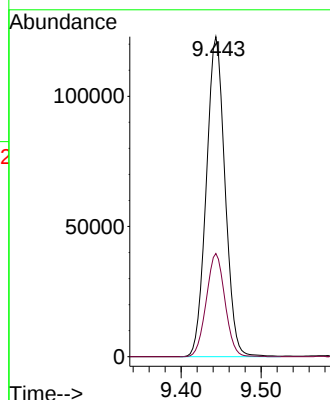
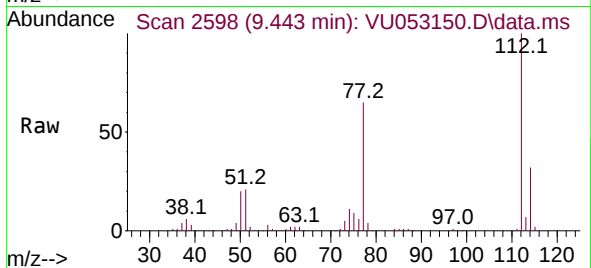
VSTDICCC010

Tgt Ion:112 Resp: 200000

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.692 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

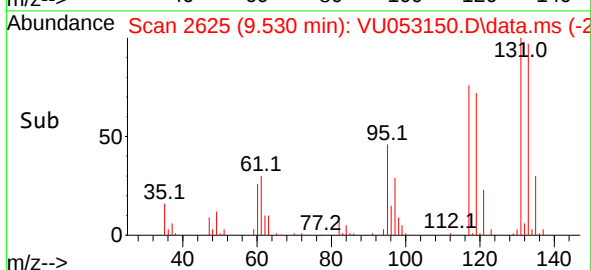
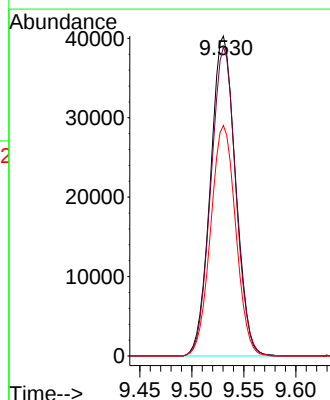
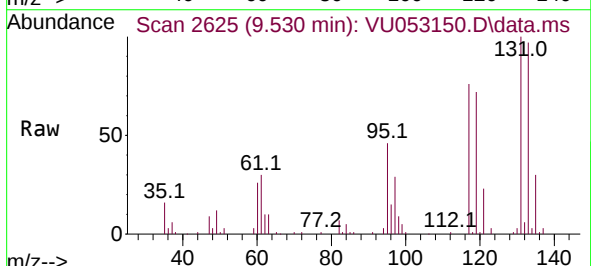
Tgt Ion:131 Resp: 67581

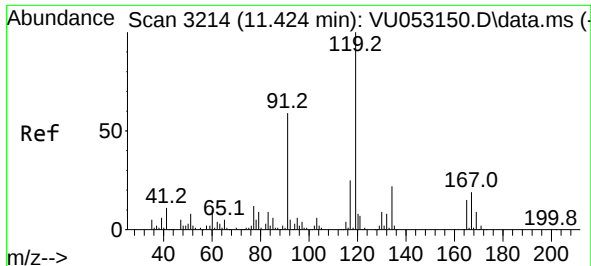
Ion Ratio Lower Upper

131 100

133 95.9 76.7 115.1

119 72.0 57.6 86.4

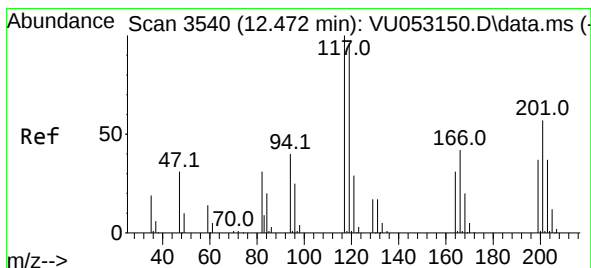
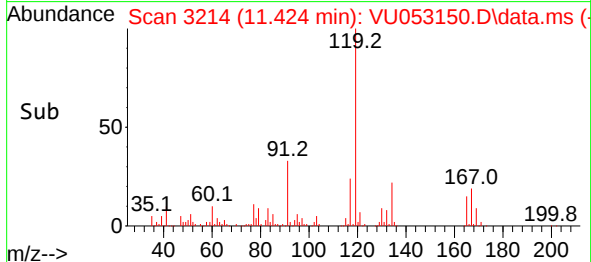
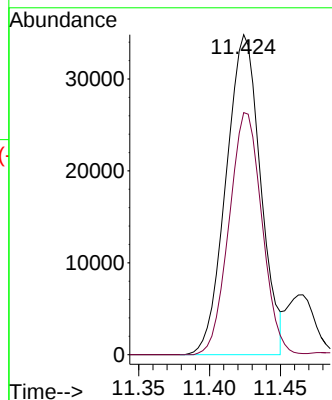
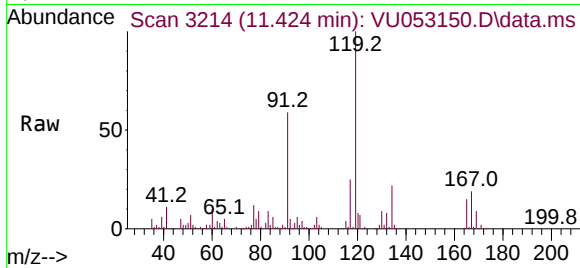




#61
 Pentachloroethane
 Concen: 10.771 ug/l
 RT: 11.424 min Scan# 3214
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

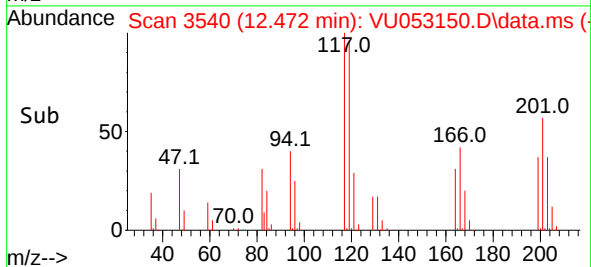
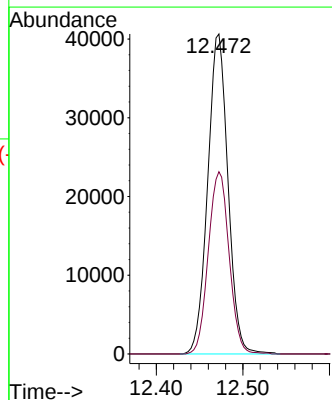
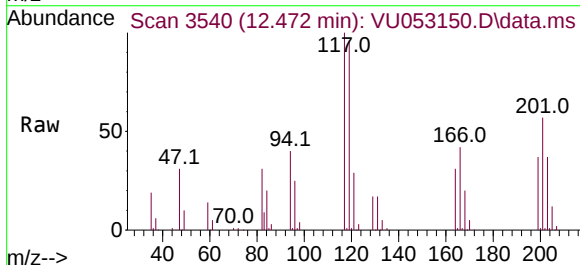
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

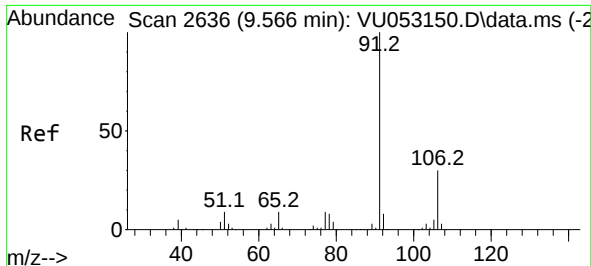
Tgt Ion:117 Resp: 59153
 Ion Ratio Lower Upper
 117 100
 167 71.9 57.5 86.3



#62
 Hexachloroethane
 Concen: 10.914 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

Tgt Ion:117 Resp: 66080
 Ion Ratio Lower Upper
 117 100
 201 58.4 46.7 70.1

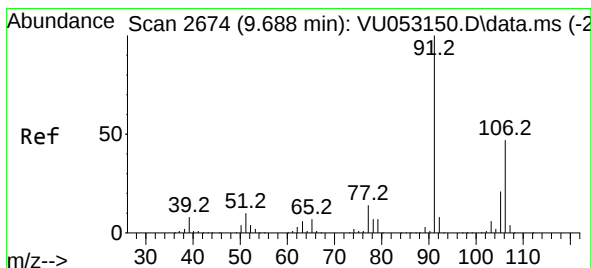
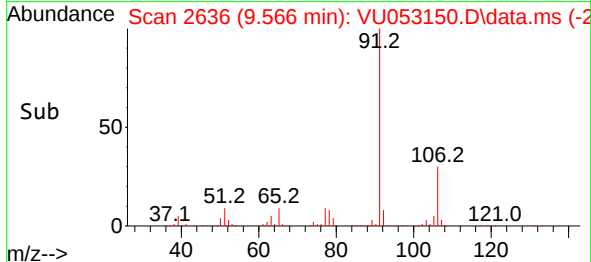
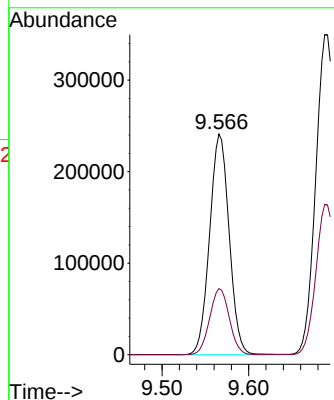
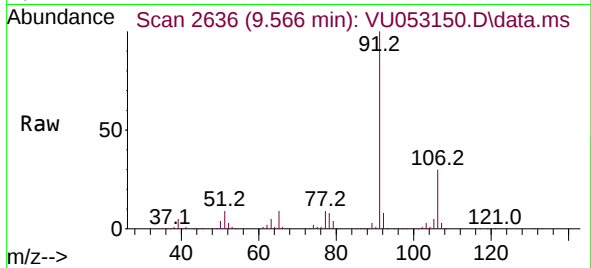




#63
Ethyl Benzene
Concen: 10.687 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

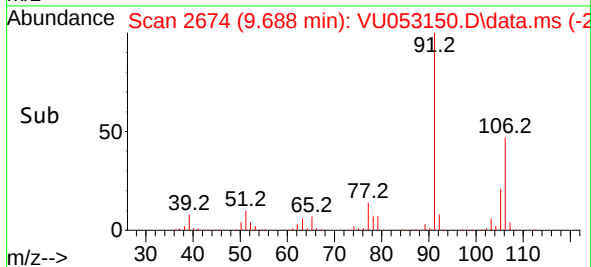
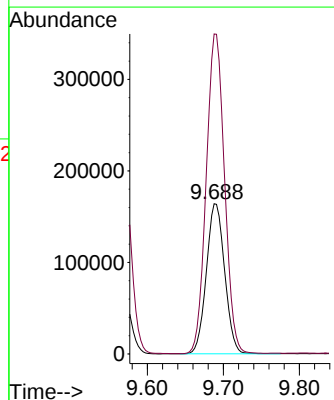
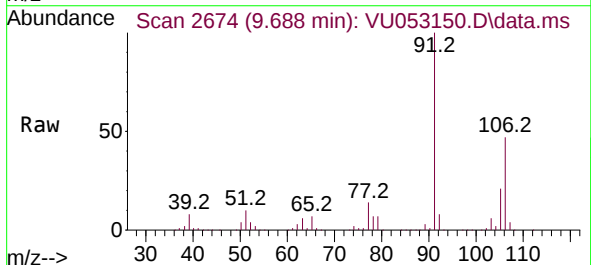
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

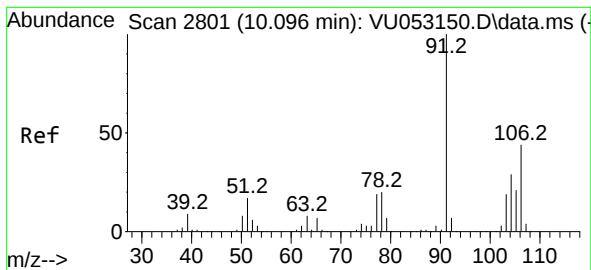
Tgt Ion: 91 Resp: 377408
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#64
m/p-Xylenes
Concen: 21.391 ug/l
RT: 9.688 min Scan# 2674
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:106 Resp: 273986
Ion Ratio Lower Upper
106 100
91 213.4 170.7 256.1





#65

o-Xylene

Concen: 10.510 ug/l

RT: 10.096 min Scan# 2801

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

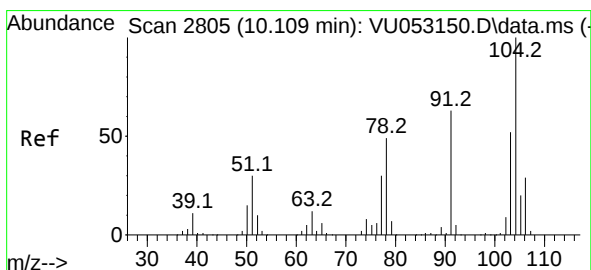
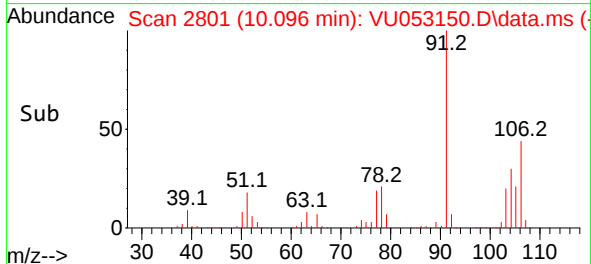
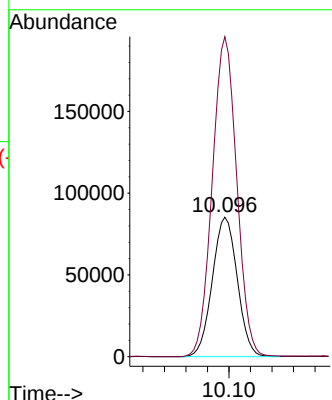
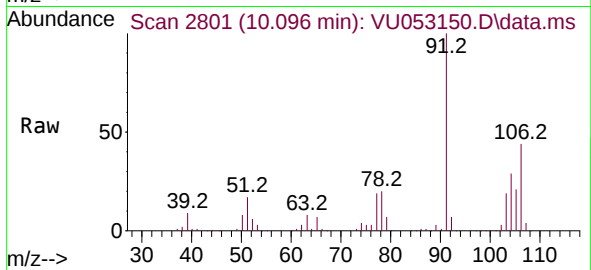
VSTDICCC010

Tgt Ion:106 Resp: 137467

Ion Ratio Lower Upper

106 100

91 225.6 112.8 338.4



#66

Styrene

Concen: 10.817 ug/l

RT: 10.109 min Scan# 2805

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

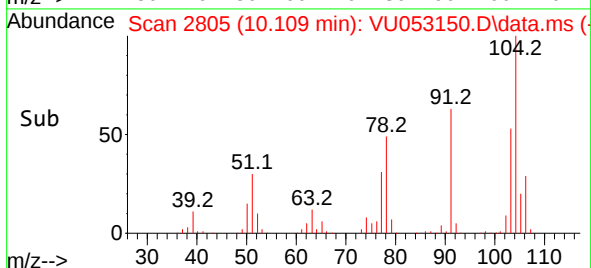
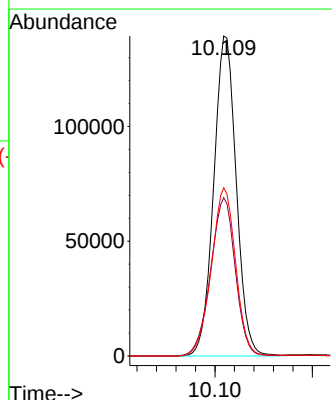
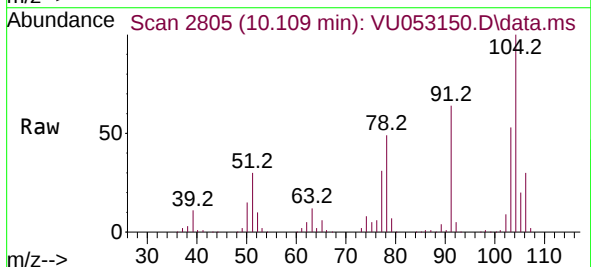
Tgt Ion:104 Resp: 224287

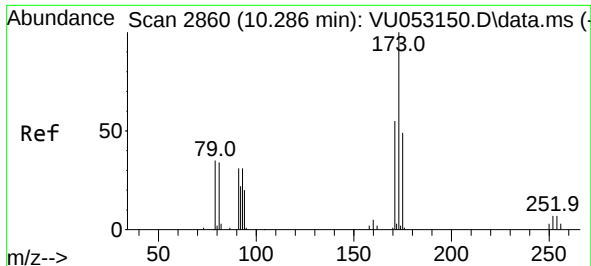
Ion Ratio Lower Upper

104 100

78 54.1 43.3 64.9

103 56.5 45.2 67.8

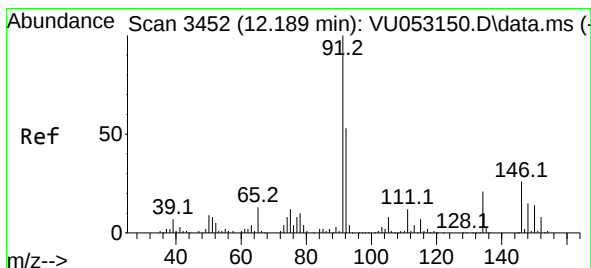
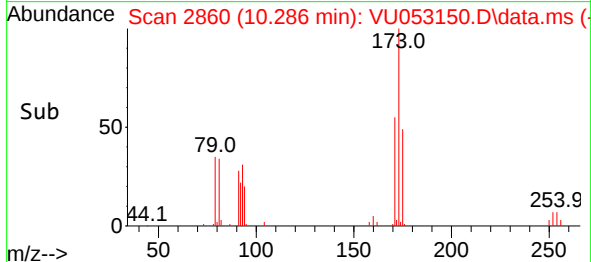
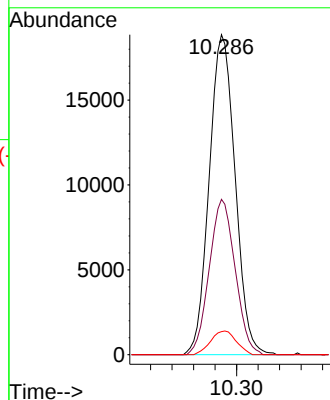
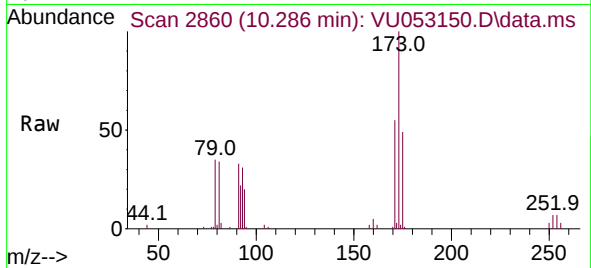




#67
Bromoform
Concen: 10.846 ug/l
RT: 10.286 min Scan# 2860
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

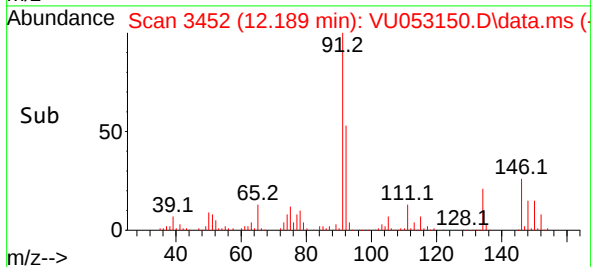
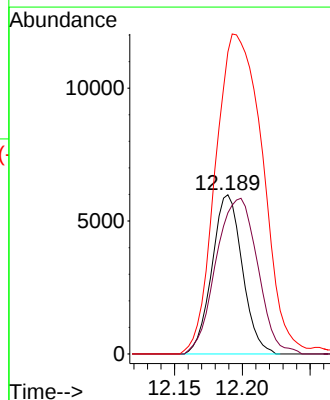
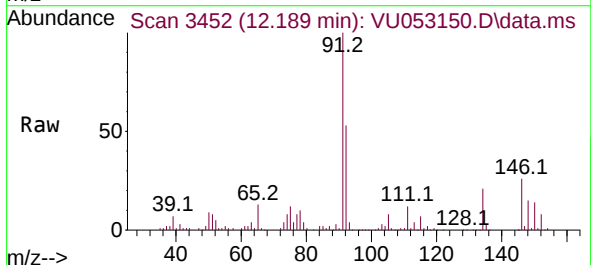
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

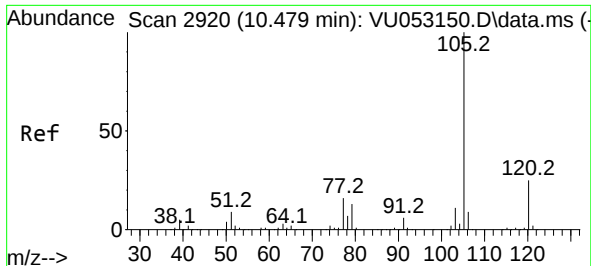
Tgt Ion:173 Resp: 31482
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 7.3 5.8 8.8



#68
1,2-Dichlorobenzene-d4
Concen: 1.006 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:152 Resp: 9331
Ion Ratio Lower Upper
152 100
115 133.9 0.0 267.8
150 311.5 0.0 623.0

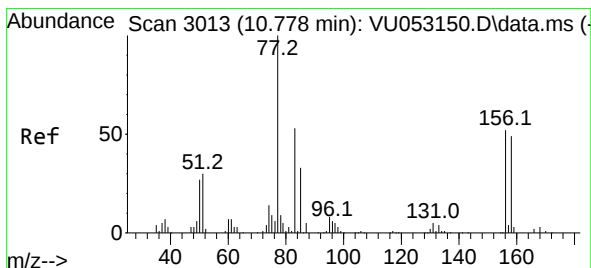
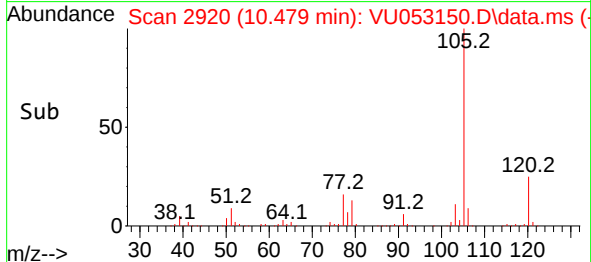
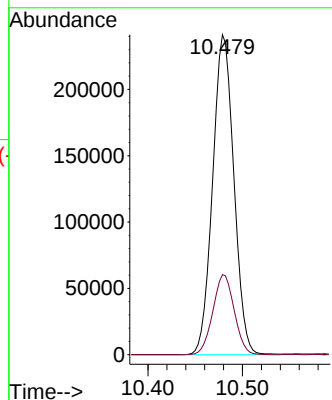
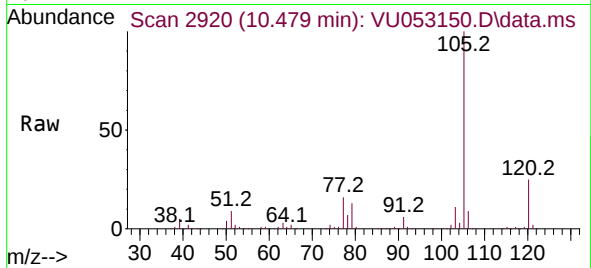




#69
Isopropylbenzene
Concen: 10.737 ug/l
RT: 10.479 min Scan# 2920
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

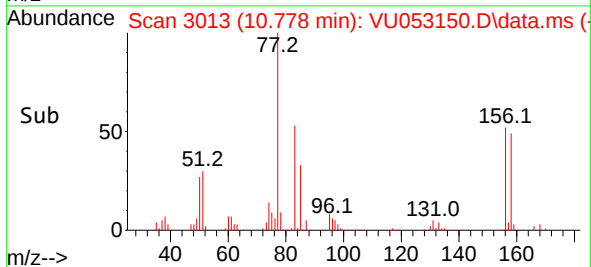
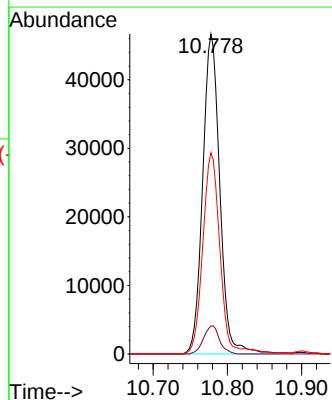
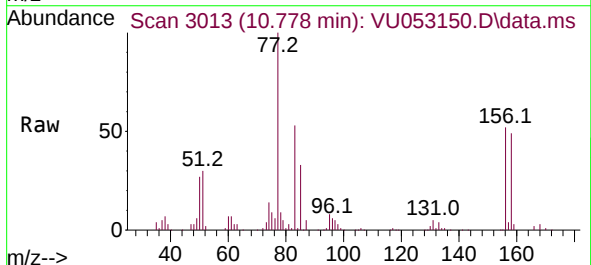
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

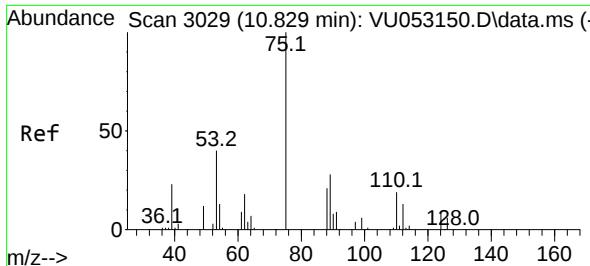
Tgt Ion:105 Resp: 376130
Ion Ratio Lower Upper
105 100
120 25.1 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 10.578 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 83 Resp: 74578
Ion Ratio Lower Upper
83 100
131 8.2 6.6 9.8
85 61.6 49.3 73.9

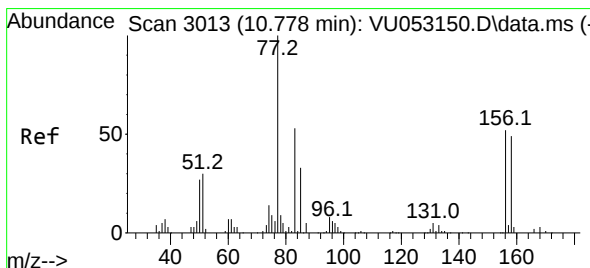
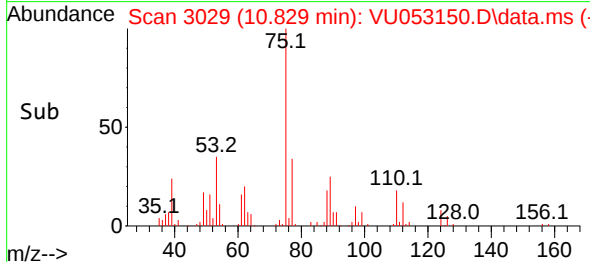
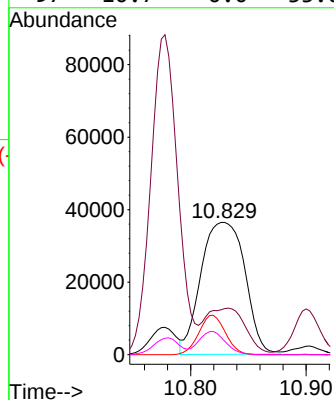
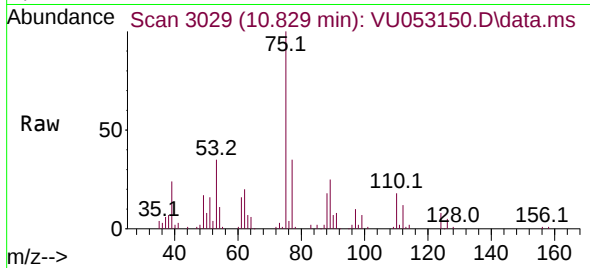




#71
1,2,3-Trichloropropane
Concen: 16.373 ug/l
RT: 10.829 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

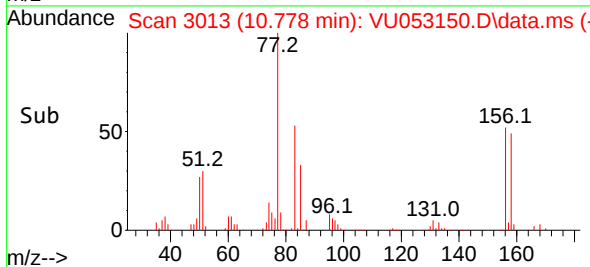
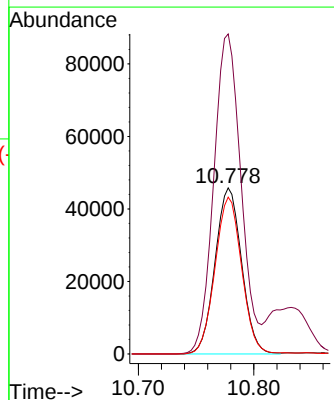
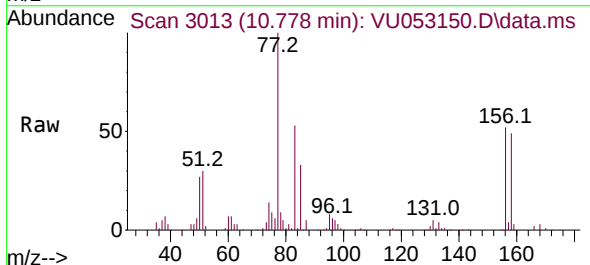
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

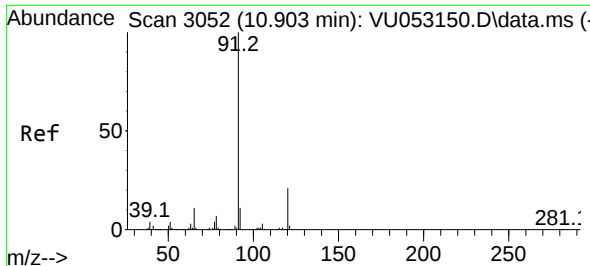
Tgt Ion: 75	Resp: 96402
Ion Ratio	Lower Upper
75 100	
77 31.2	0.0 98.2
110 18.1	0.0 57.0
97 10.7	0.0 33.6



#72
Bromobenzene
Concen: 10.749 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt	Ion:156	Resp:	73071
Ion	Ratio	Lower	Upper
156	100		
77	198.5	0.0	397.0
158	94.6	0.0	189.2

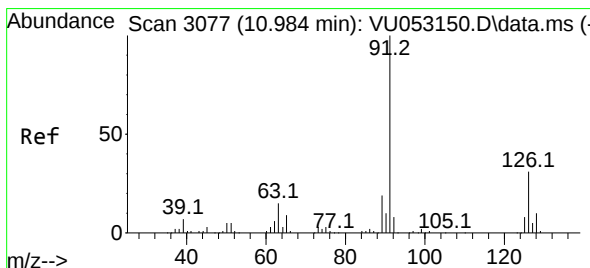
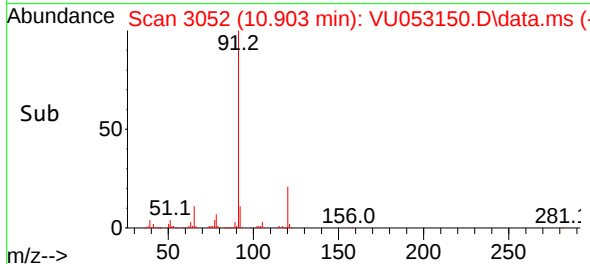
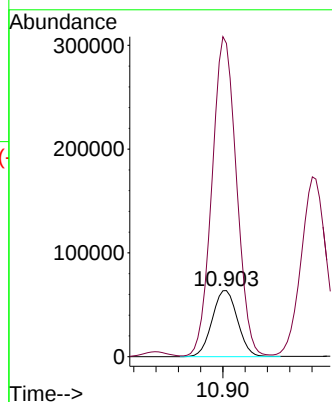
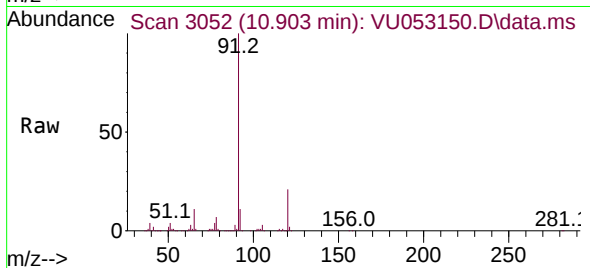




#73
n-propylbenzene
Concen: 10.826 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

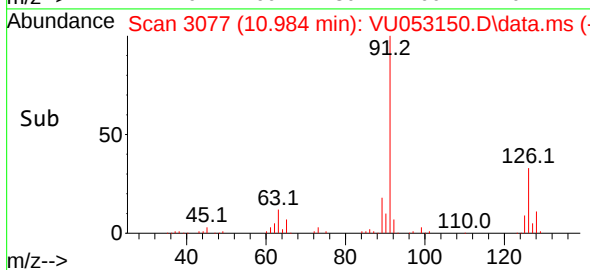
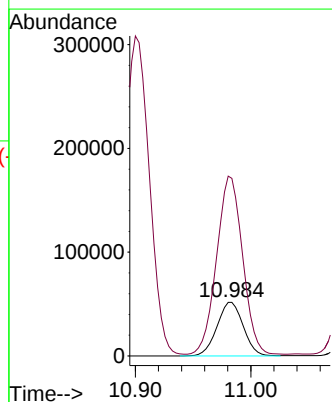
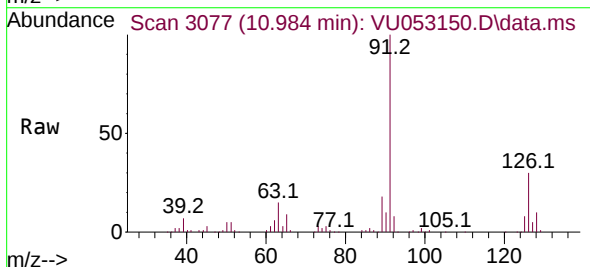
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

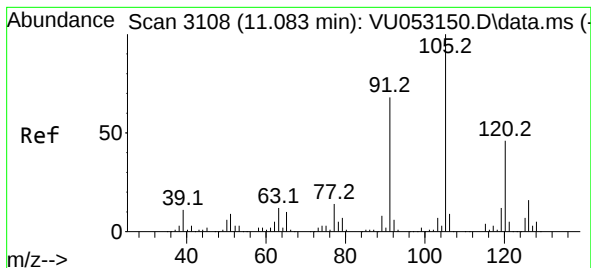
Tgt Ion:120 Resp: 100622
Ion Ratio Lower Upper
120 100
91 465.6 372.5 558.7



#74
2-Chlorotoluene
Concen: 10.608 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:126 Resp: 81635
Ion Ratio Lower Upper
126 100
91 329.3 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 10.746 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

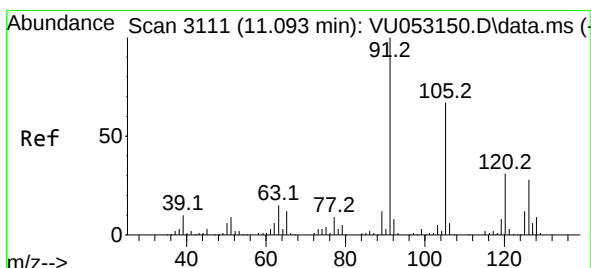
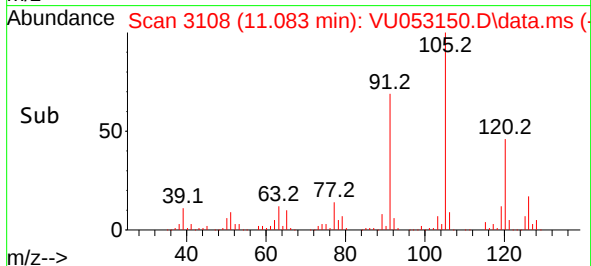
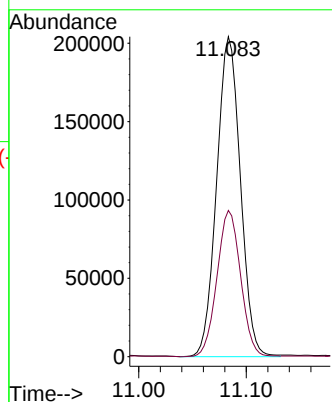
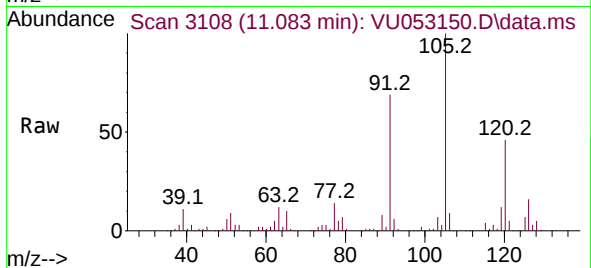
VSTDICCC010

Tgt Ion:105 Resp: 313267

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7



#76

4-Chlorotoluene

Concen: 10.324 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. 0.000 min

Lab File: VU053150.D

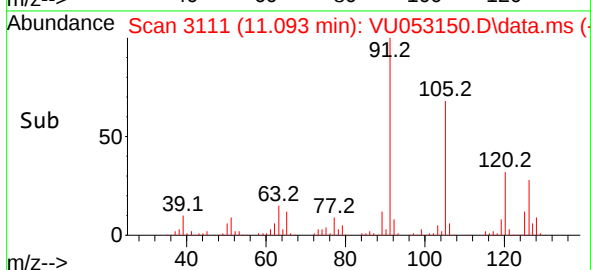
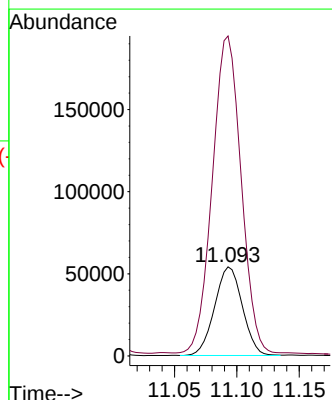
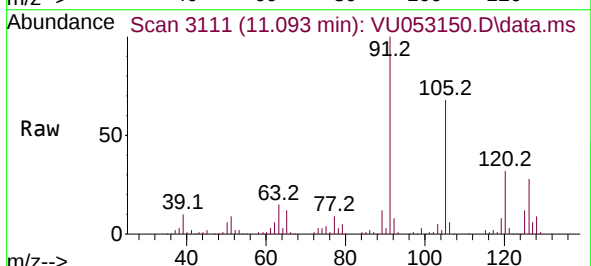
Acq: 27 Feb 2023 12:06

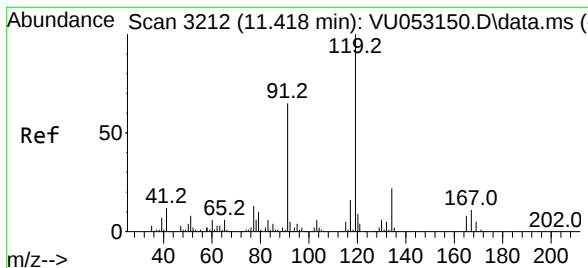
Tgt Ion:126 Resp: 83513

Ion Ratio Lower Upper

126 100

91 380.3 0.0 760.6





#77

tert-Butylbenzene

Concen: 10.723 ug/l

RT: 11.418 min Scan# 3212

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

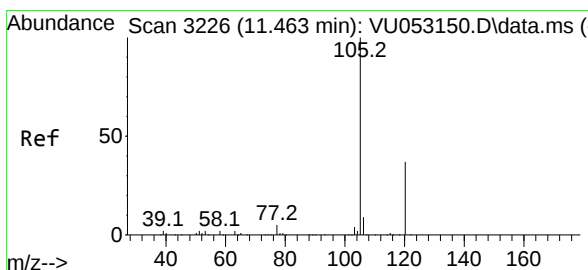
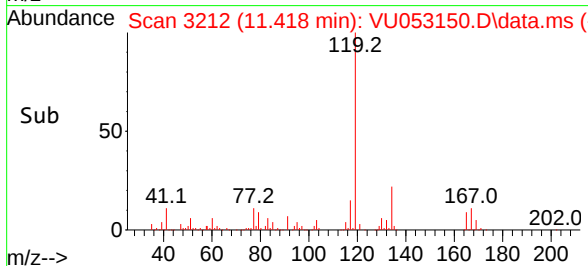
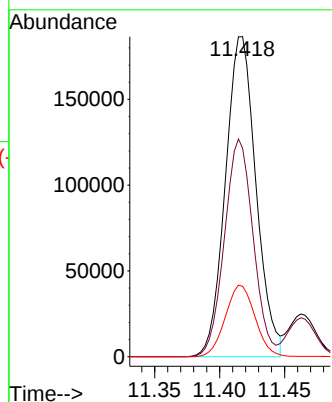
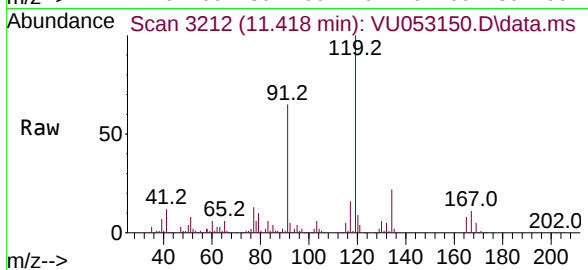
Tgt Ion:119 Resp: 306320

Ion Ratio Lower Upper

119 100

91 63.8 31.9 95.7

134 21.7 17.4 26.0



#78

1,2,4-Trimethylbenzene

Concen: 10.722 ug/l

RT: 11.463 min Scan# 3226

Delta R.T. 0.000 min

Lab File: VU053150.D

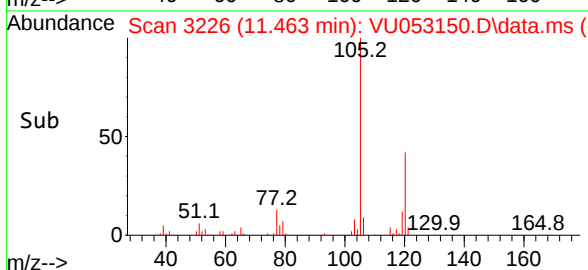
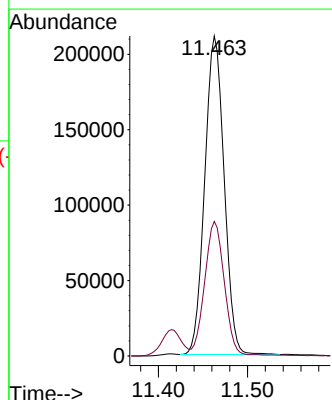
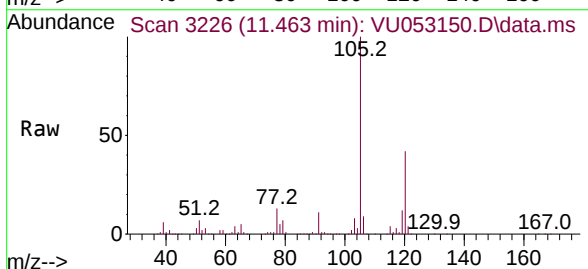
Acq: 27 Feb 2023 12:06

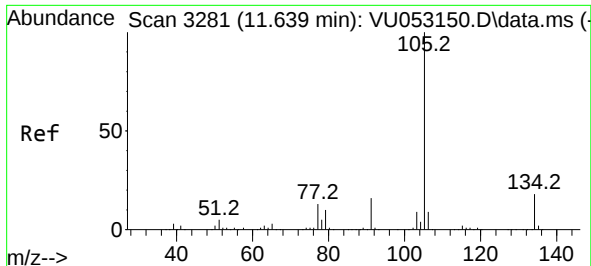
Tgt Ion:105 Resp: 318555

Ion Ratio Lower Upper

105 100

120 42.1 21.1 63.1

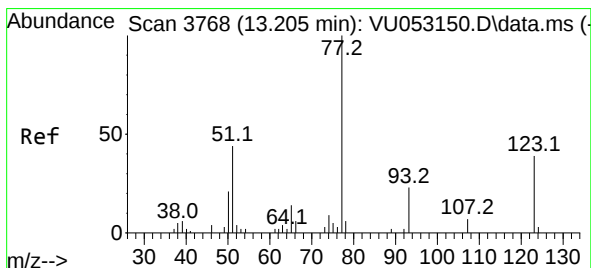
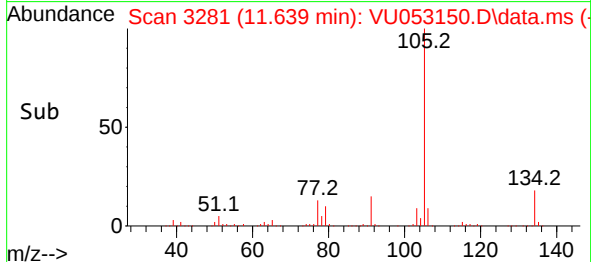
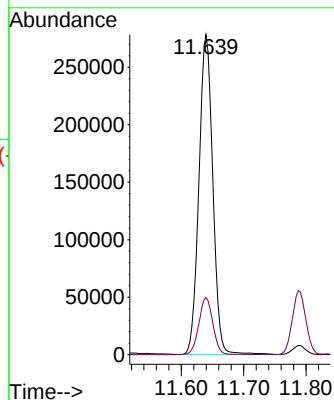
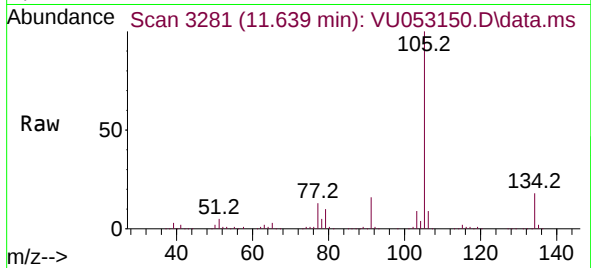




#79
 sec-Butylbenzene
 Concen: 10.877 ug/l
 RT: 11.639 min Scan# 3281
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

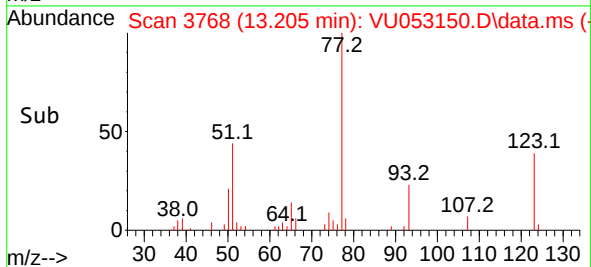
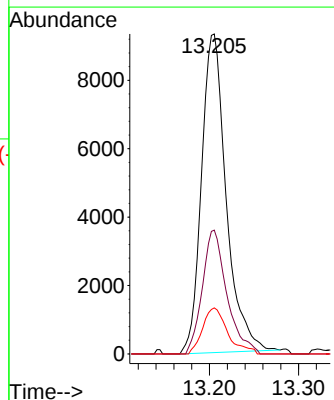
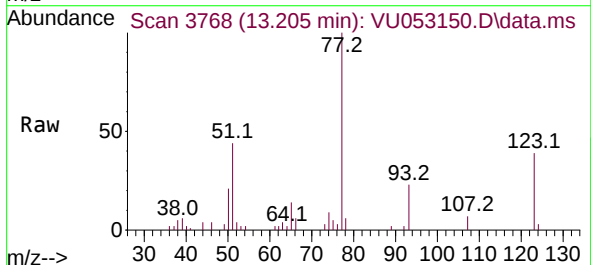
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

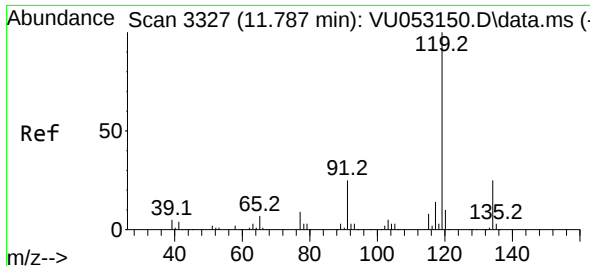
Tgt Ion:105 Resp: 431148
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.4 21.6



#80
 Nitrobenzene
 Concen: 48.700 ug/l
 RT: 13.205 min Scan# 3768
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

Tgt Ion: 77 Resp: 17944
 Ion Ratio Lower Upper
 77 100
 123 38.6 17.0 60.2
 65 14.7 12.9 16.5

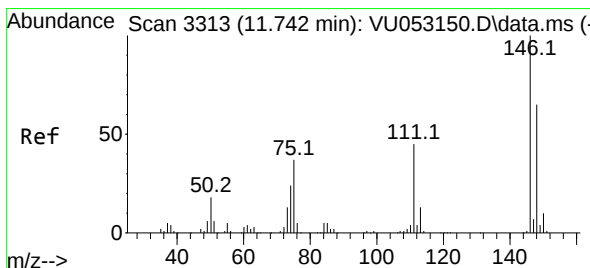
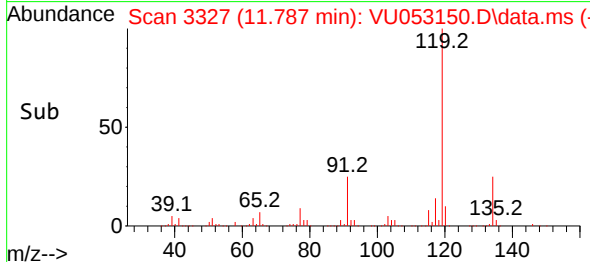
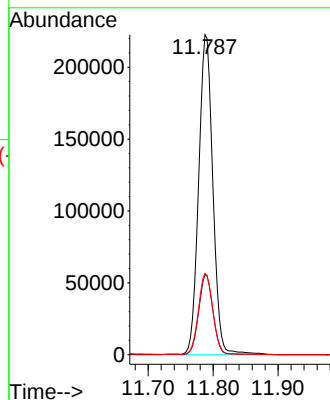
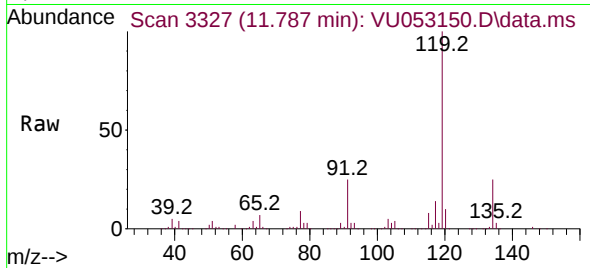




#81
p-Isopropyltoluene
Concen: 10.813 ug/l
RT: 11.787 min Scan# 3327
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

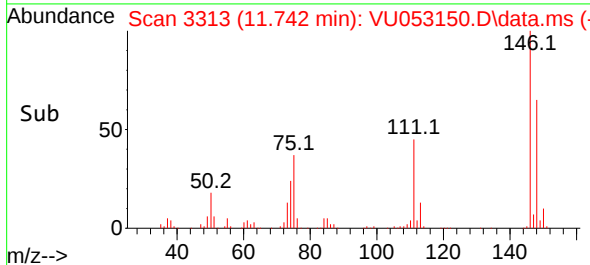
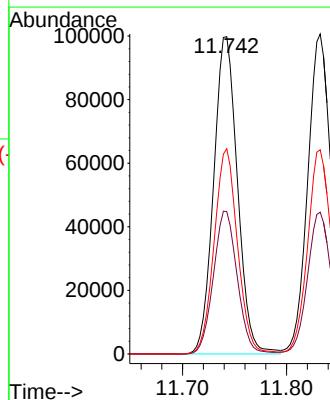
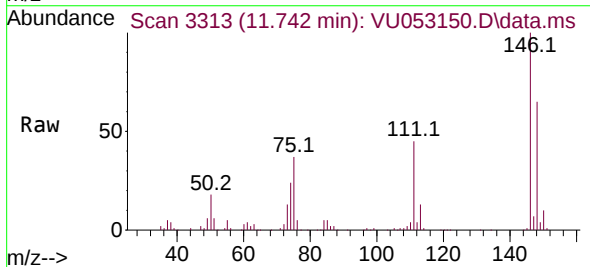
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

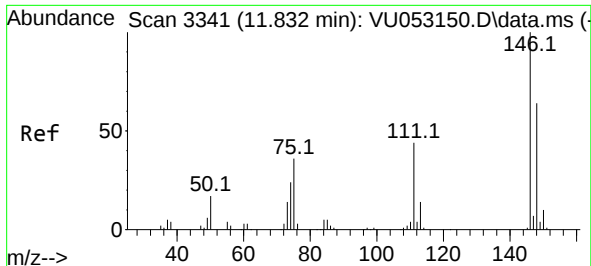
Tgt Ion:119 Resp: 339536
Ion Ratio Lower Upper
119 100
134 24.7 19.8 29.6
91 25.6 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 10.668 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion:146 Resp: 159219
Ion Ratio Lower Upper
146 100
111 45.0 36.0 54.0
148 63.5 50.8 76.2

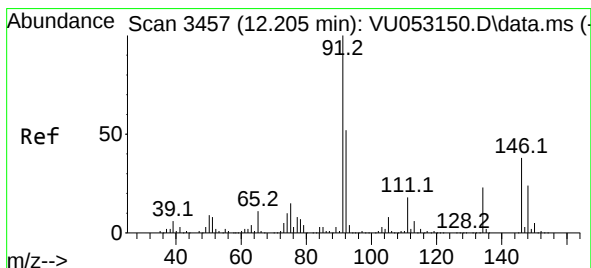
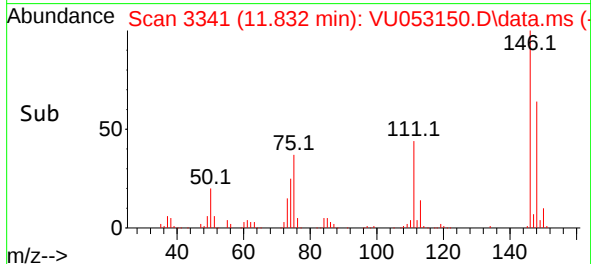
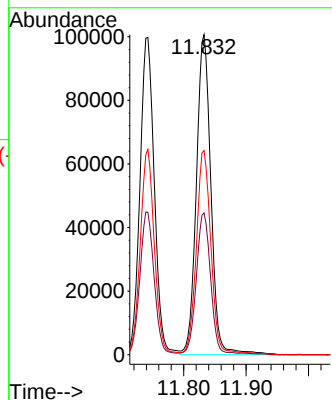
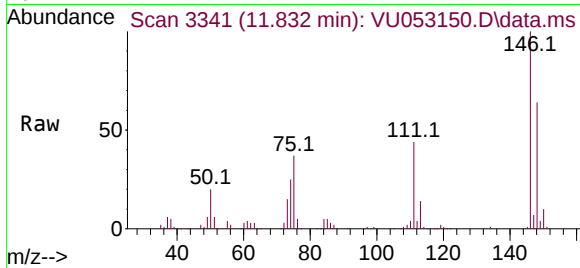




#83
1,4-Dichlorobenzene
Concen: 10.706 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

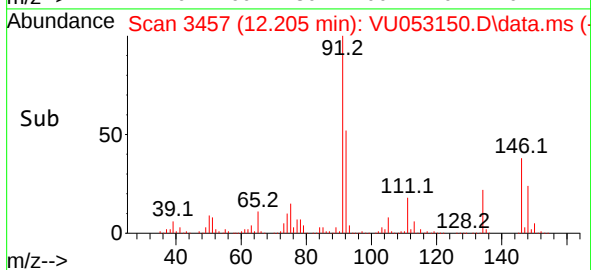
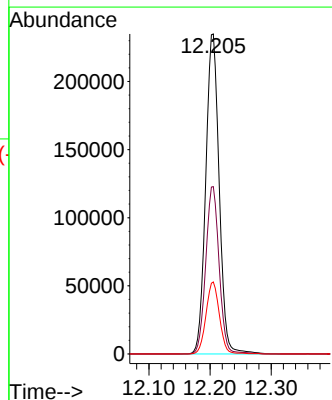
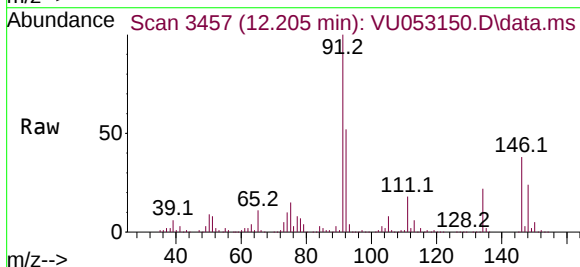
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

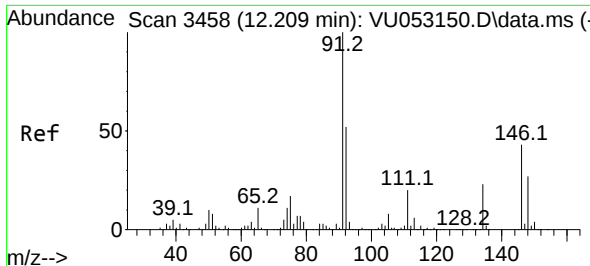
Tgt Ion:146 Resp: 163119
Ion Ratio Lower Upper
146 100
111 42.5 34.0 51.0
148 62.2 49.8 74.6



#84
n-Butylbenzene
Concen: 11.038 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 91 Resp: 359091
Ion Ratio Lower Upper
91 100
92 52.2 41.8 62.6
134 22.4 17.9 26.9

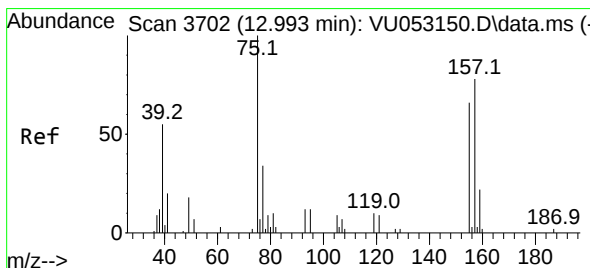
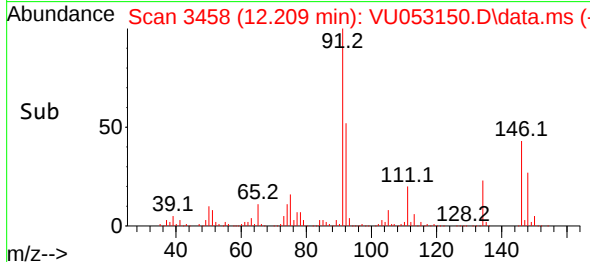
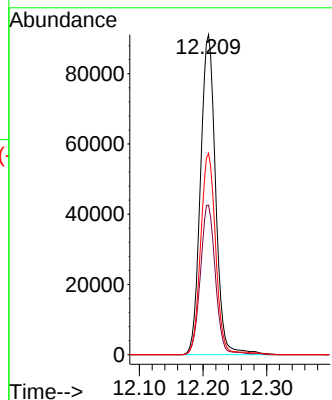
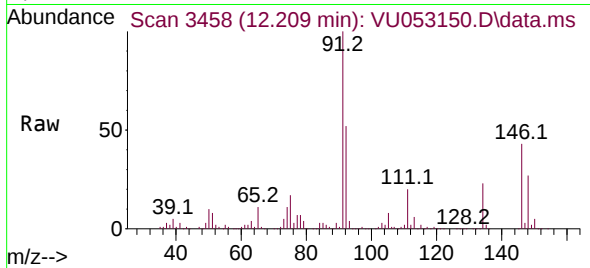




#85
1,2-Dichlorobenzene
Concen: 10.572 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

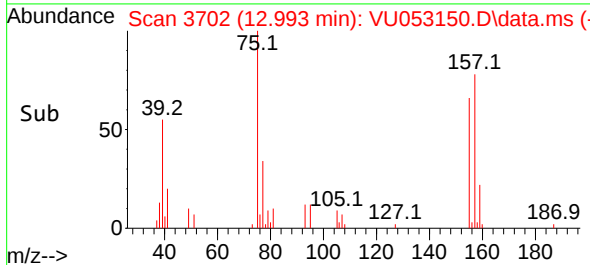
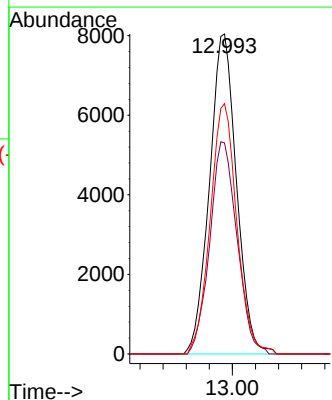
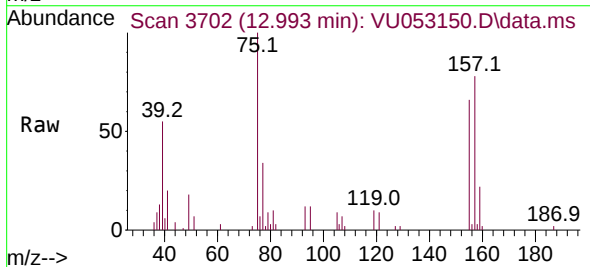
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

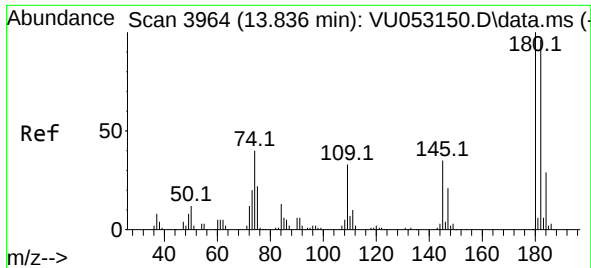
Tgt Ion:146 Resp: 150443
Ion Ratio Lower Upper
146 100
111 46.4 23.2 69.6
148 62.9 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.748 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. 0.000 min
Lab File: VU053150.D
Acq: 27 Feb 2023 12:06

Tgt Ion: 75 Resp: 13051
Ion Ratio Lower Upper
75 100
155 66.7 53.4 80.0
157 77.1 61.7 92.5

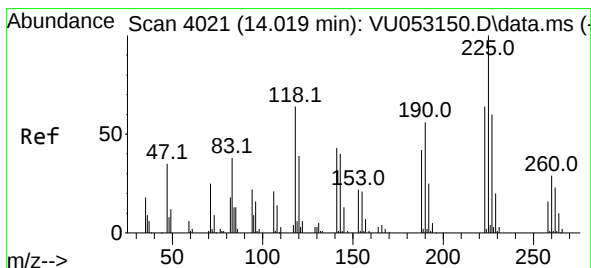
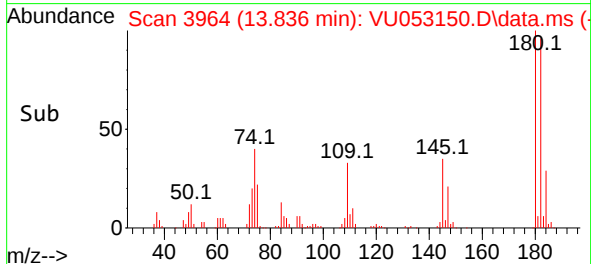
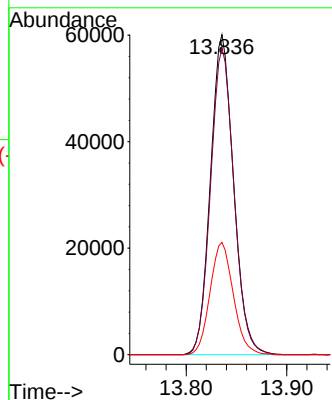
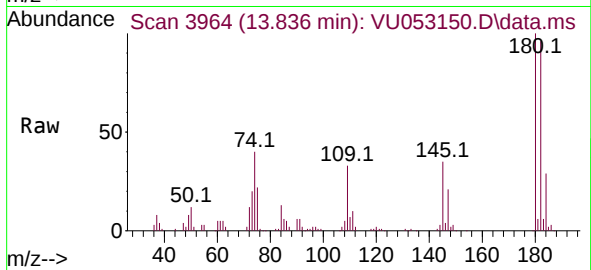




#87
 1,2,4-Trichlorobenzene
 Concen: 11.001 ug/l
 RT: 13.836 min Scan# 3964
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

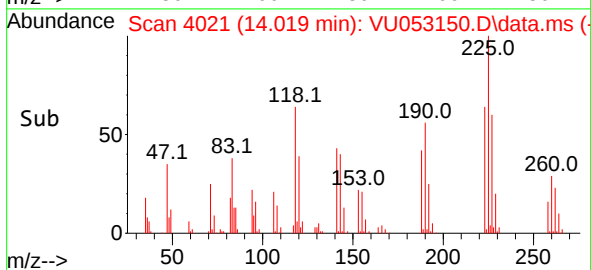
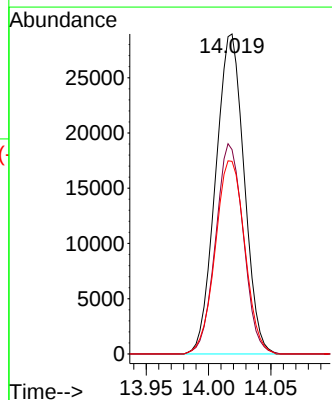
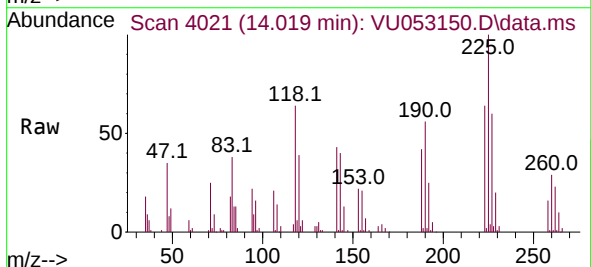
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

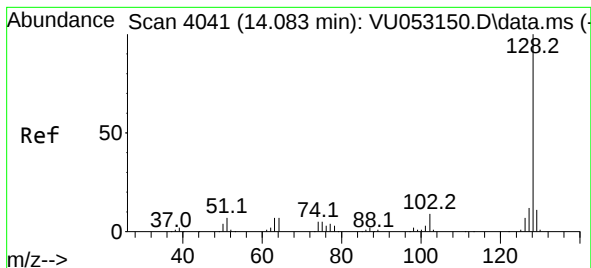
Tgt Ion:180 Resp: 96071
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.4 116.0
 145 35.4 28.3 42.5



#88
 Hexachlorobutadiene
 Concen: 10.809 ug/l
 RT: 14.019 min Scan# 4021
 Delta R.T. 0.000 min
 Lab File: VU053150.D
 Acq: 27 Feb 2023 12:06

Tgt Ion:225 Resp: 46106
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.1 76.7
 227 62.4 49.9 74.9





#89

Naphthalene

Concen: 10.716 ug/l

RT: 14.083 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

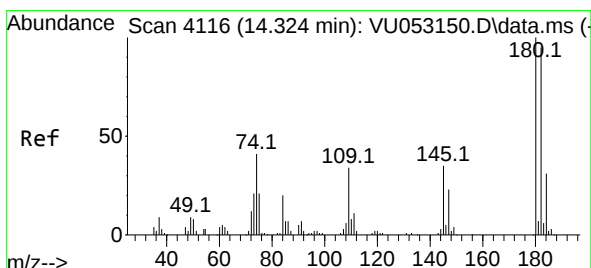
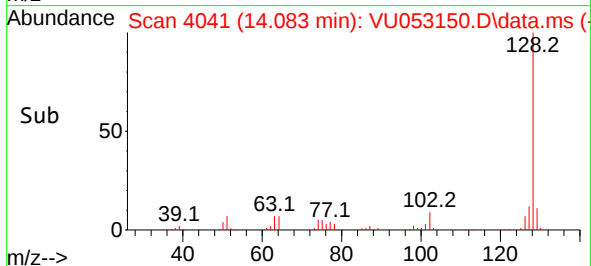
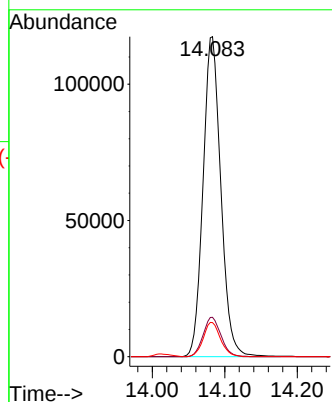
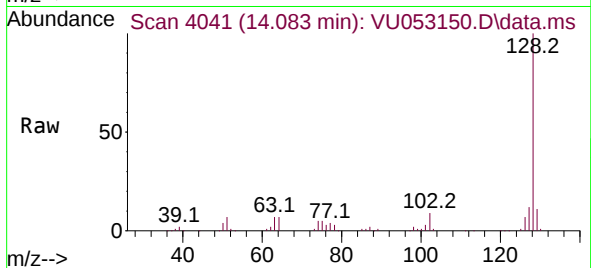
Tgt Ion:128 Resp: 200134

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

129 10.4 8.3 12.5



#90

1,2,3-Trichlorobenzene

Concen: 10.825 ug/l

RT: 14.324 min Scan# 4116

Delta R.T. 0.000 min

Lab File: VU053150.D

Acq: 27 Feb 2023 12:06

Tgt Ion:180 Resp: 83181

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 36.3 29.0 43.6

