

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080618\
 Data File : VU025879.D
 Acq On : 06 Aug 2018 11:53
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 07 03:55:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	239041	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157110	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	129800	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	4.89	113	106557	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	7.57	98	381668	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	10.31	95	145917	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	102326	40.594	ug/l	99
3) Chloromethane	1.33	50	101985	42.329	ug/l	99
4) Vinyl Chloride	1.40	62	107660	47.483	ug/l	99
5) Bromomethane	1.62	94	58697	53.004	ug/l	100
6) Chloroethane	1.69	64	67679	51.048	ug/l	100
7) Trichlorofluoromethane	1.88	101	163360	49.832	ug/l	100
8) Diethyl Ether	2.10	74	57386	48.381	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	102376	53.964	ug/l	98
10) Methyl Iodide	2.41	142	71558	42.084	ug/l	99
11) Tert butyl alcohol	2.83	59	133723	235.041	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91624	51.165	ug/l	96
13) Acrolein	2.19	56	35451	171.418	ug/l	99
14) Allyl chloride	2.59	41	157021	48.793	ug/l	99
15) Acrylonitrile	2.93	53	294088	258.897	ug/l	98
16) Acetone	2.32	43	407896	321.956	ug/l	98
17) Carbon Disulfide	2.48	76	286026	49.353	ug/l	99
18) Methyl Acetate	2.62	43	144012	47.227	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	341759	52.665	ug/l	99
20) Methylene Chloride	2.70	84	112438	50.077	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	105343	50.889	ug/l	98
22) Diisopropyl ether	3.57	45	337623	53.240	ug/l	94
23) Vinyl Acetate	3.53	43	1457711	263.767	ug/l	99
24) 1,1-Dichloroethane	3.45	63	198921	52.255	ug/l	99
25) 2-Butanone	4.26	43	550595	319.251	ug/l	100
26) 2,2-Dichloropropane	4.23	77	186445	53.885	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	117378	50.293	ug/l	99
28) Bromochloromethane	4.55	49	88149	51.791	ug/l	96
29) Tetrahydrofuran	4.64	42	261968	253.537	ug/l	99
30) Chloroform	4.68	83	207893	51.739	ug/l	98
31) Cyclohexane	5.00	56	169447	51.205	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	187695	51.883	ug/l	98
36) 1,1-Dichloropropene	5.14	75	152032	54.422	ug/l	100
37) Ethyl Acetate	4.38	43	158488	54.714	ug/l	99
38) Carbon Tetrachloride	5.14	117	174891	55.273	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	173977	54.354	ug/l	99
40) Benzene	5.39	78	434273	53.182	ug/l	99
41) Methacrylonitrile	4.54	41	82968	51.569	ug/l	97
42) 1,2-Dichloroethane	5.41	62	170258	54.148	ug/l	100
43) Isopropyl Acetate	5.55	43	251372	52.515	ug/l	100
44) Trichloroethene	6.19	130	121893	53.601	ug/l	98
45) 1,2-Dichloropropane	6.44	63	115437	54.205	ug/l	99
46) Dibromomethane	6.56	93	82061	53.179	ug/l	98
47) Bromodichloromethane	6.76	83	164535	55.898	ug/l	98
48) Methyl methacrylate	6.63	41	125117	53.332	ug/l	99
49) 1,4-Dioxane	6.62	88	60017	1051.276	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1000425	333.835	ug/l	99
52) Toluene	7.64	92	280639	55.320	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	187036	56.591	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	191556	56.423	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	115063	54.578	ug/l	99
56) Ethyl methacrylate	8.02	69	162209	53.850	ug/l	98
57) 1,3-Dichloropropane	8.25	76	193838	54.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	318939	234.276	ug/l	100
59) 2-Hexanone	8.36	43	797640	339.551	ug/l	99
60) Dibromochloromethane	8.48	129	137258	55.209	ug/l	99
61) 1,2-Dibromoethane	8.59	107	126782	54.073	ug/l	100
64) Tetrachloroethene	8.23	164	111917	53.730	ug/l	99
65) Chlorobenzene	9.12	112	319627	52.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120703	54.687	ug/l	99
67) Ethyl Benzene	9.25	91	538904	53.323	ug/l	100
68) m/p-Xylenes	9.38	106	436385	112.468	ug/l	98
69) o-Xylene	9.78	106	203638	53.700	ug/l	97
70) Styrene	9.80	104	343673	56.107	ug/l	98
71) Bromoform	9.96	173	106629	55.715	ug/l #	98
73) Isopropylbenzene	10.17	105	556835	51.929	ug/l	100
74) N-amyl acetate	10.01	43	229216	52.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	187895	50.670	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	223053	64.436	ug/l	85
77) Bromobenzene	10.45	156	150560	50.904	ug/l	98
78) n-propylbenzene	10.59	91	667001	53.293	ug/l	100
79) 2-Chlorotoluene	10.66	91	392046	53.480	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	487981	53.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	223053	161.572	ug/l #	100
82) 4-Chlorotoluene	10.78	91	465341	53.852	ug/l	99
83) tert-Butylbenzene	11.10	119	464365	51.321	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	498135	53.978	ug/l	98
85) sec-Butylbenzene	11.33	105	583437	52.813	ug/l	100
86) p-Isopropyltoluene	11.48	119	529879	53.567	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	284025	51.735	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	290649	50.788	ug/l	99
89) n-Butylbenzene	11.89	91	475813	52.125	ug/l	99
90) Hexachloroethane	12.15	117	92544	52.619	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	278170	51.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	44974	51.158	ug/l	98

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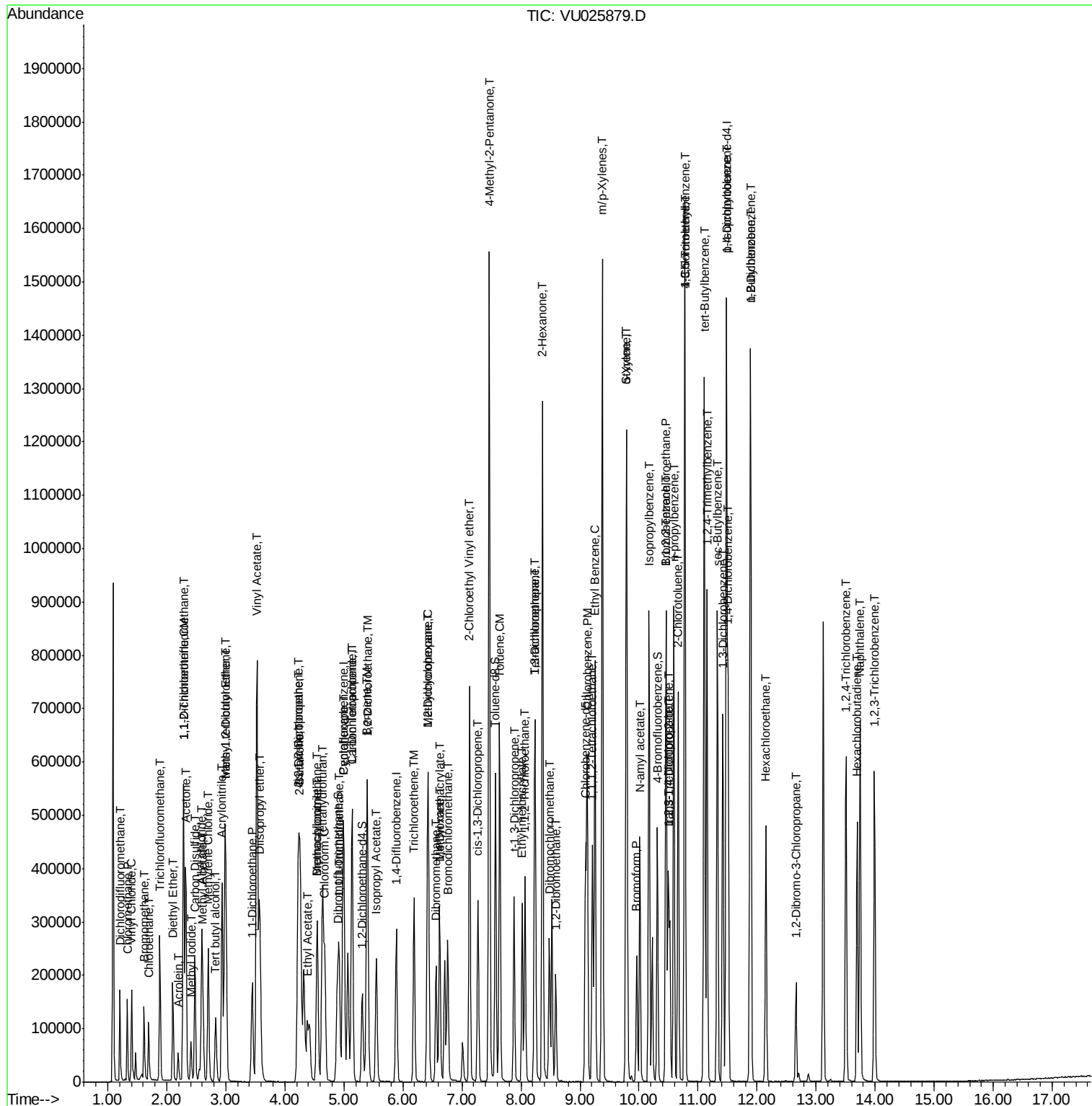
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	188240	51.829	ug/l	98
94) Hexachlorobutadiene	13.70	225	90434	47.236	ug/l	100
95) Naphthalene	13.74	128	534602	45.930	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	185980	51.332	ug/l	99

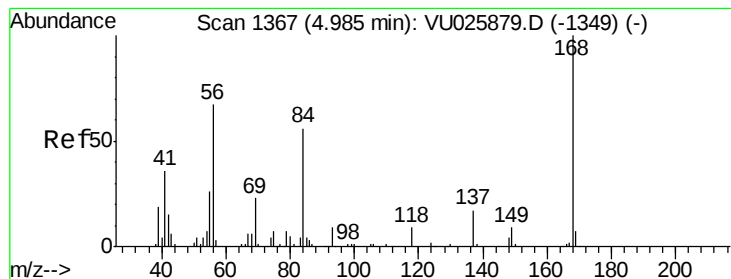
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

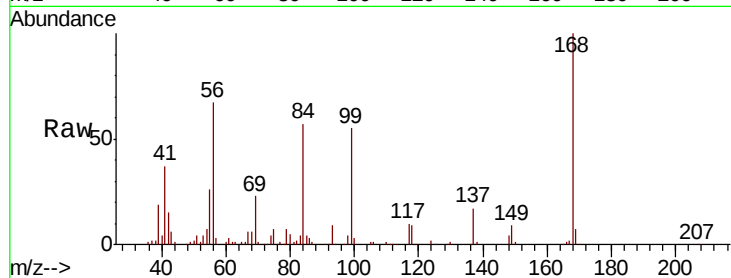
VSTDCCC050

Tgt Ion:168 Resp: 166780

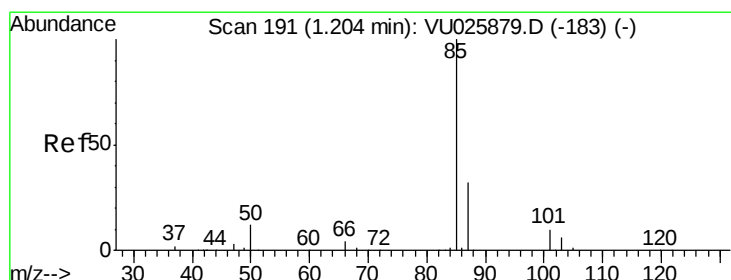
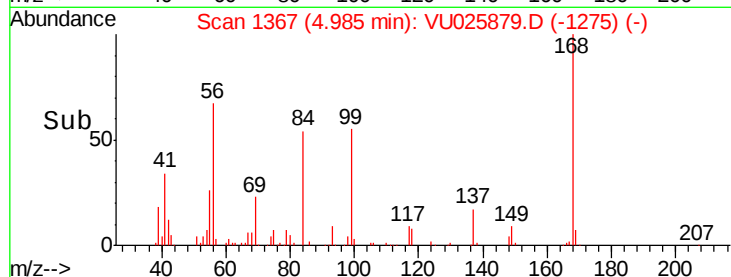
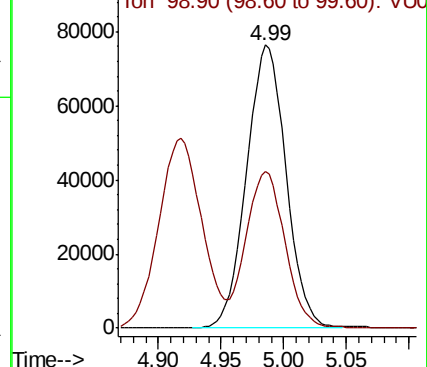
Ion Ratio Lower Upper

168 100

99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)



#2

Dichlorodifluoromethane

Concen: 40.594 ug/l

RT: 1.20 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU025879.D

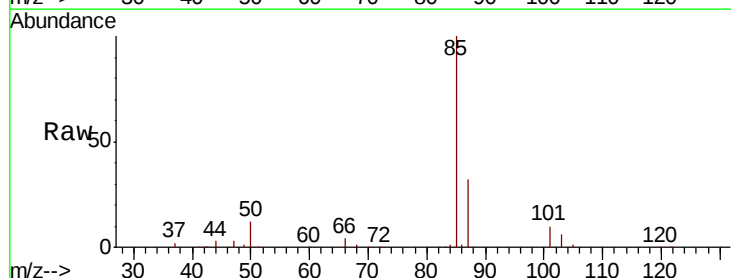
Acq: 06 Aug 2018 11:53

Tgt Ion: 85 Resp: 102326

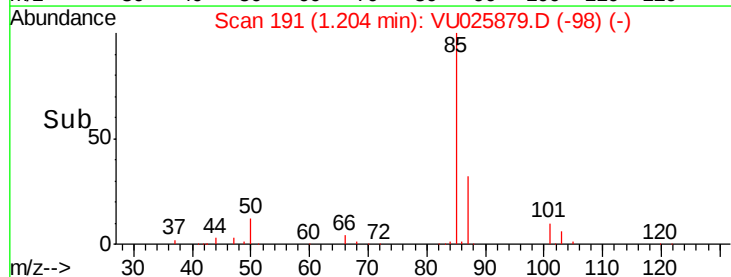
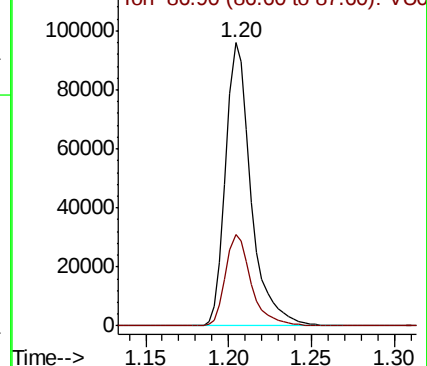
Ion Ratio Lower Upper

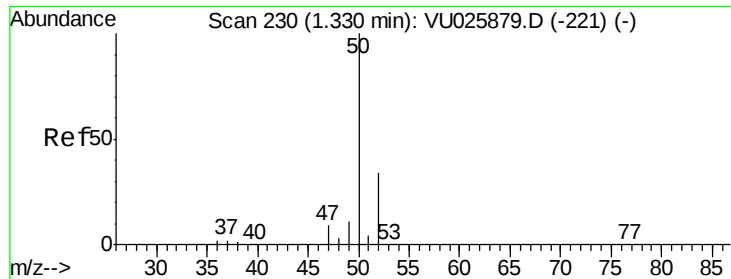
85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU025879.D (-183) (-)





#3

Chloromethane

Concen: 42.329 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

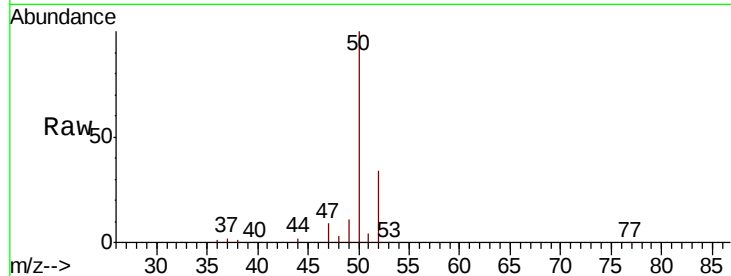
VSTDCCC050

Tgt Ion: 50 Resp: 101985

Ion Ratio Lower Upper

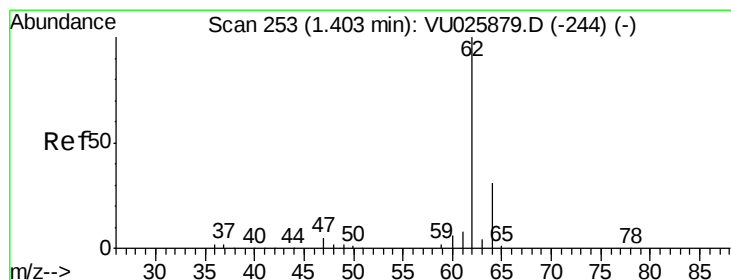
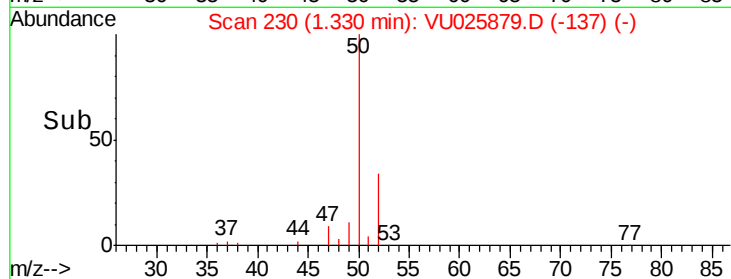
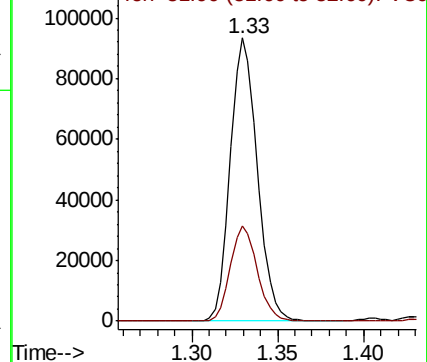
50 100

52 33.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.483 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025879.D

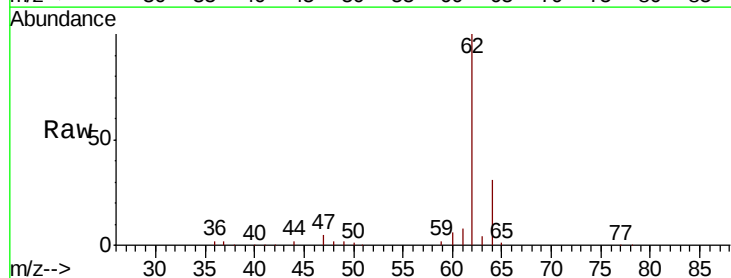
Acq: 06 Aug 2018 11:53

Tgt Ion: 62 Resp: 107660

Ion Ratio Lower Upper

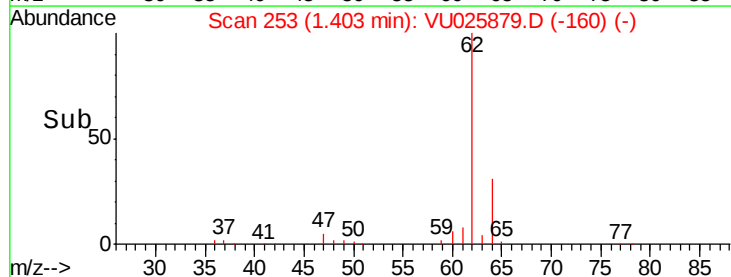
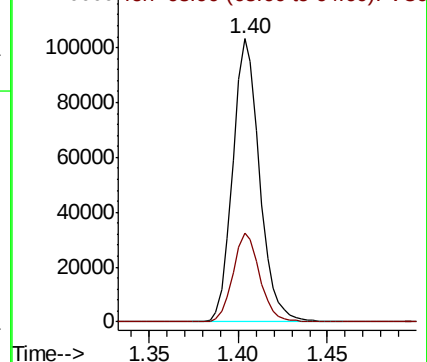
62 100

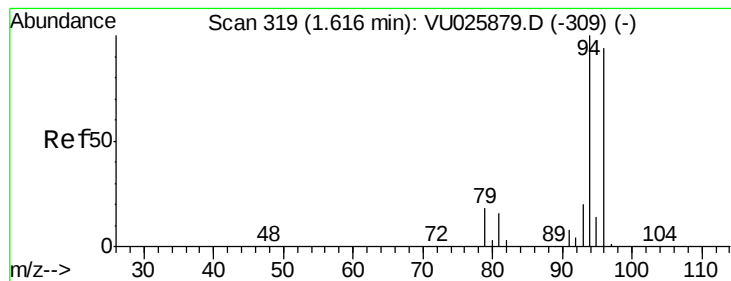
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 53.004 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.00 min

Lab File: VU025879.D

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ClientSampleId :

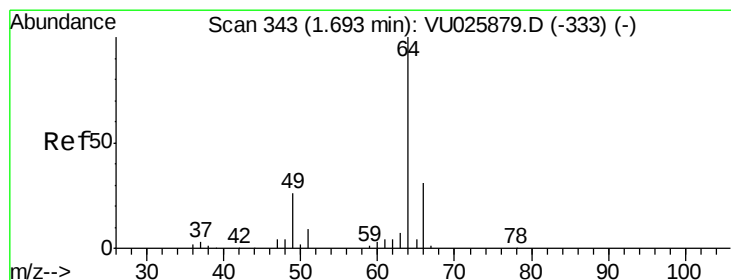
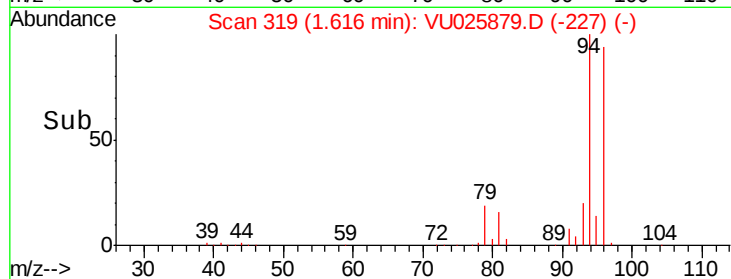
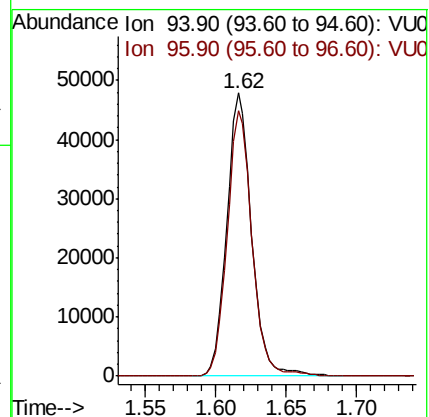
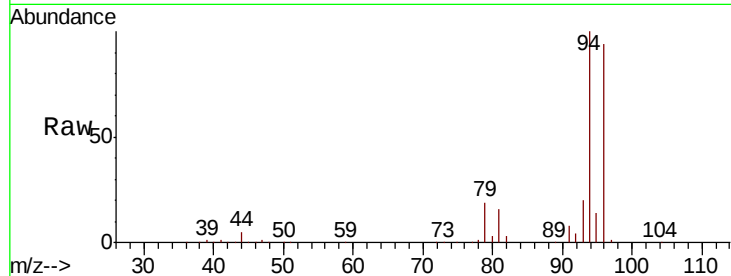
VSTDCCC050

Tgt Ion: 94 Resp: 58697

Ion Ratio Lower Upper

94 100

96 93.8 75.0 112.4



#6

Chloroethane

Concen: 51.048 ug/l

RT: 1.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VU025879.D

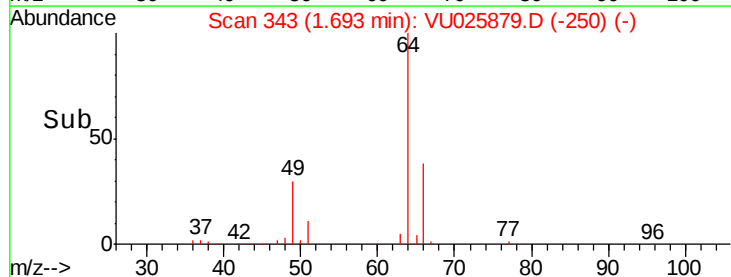
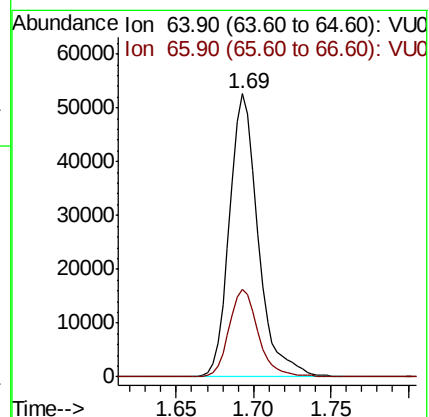
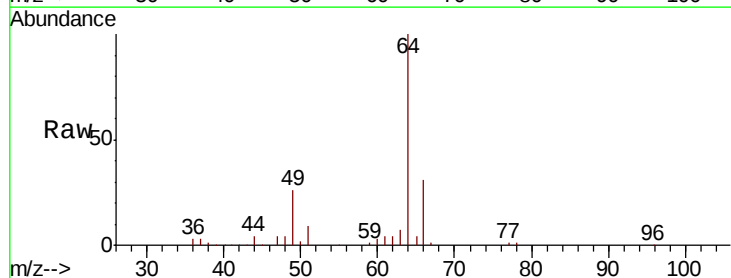
Acq: 06 Aug 2018 11:53

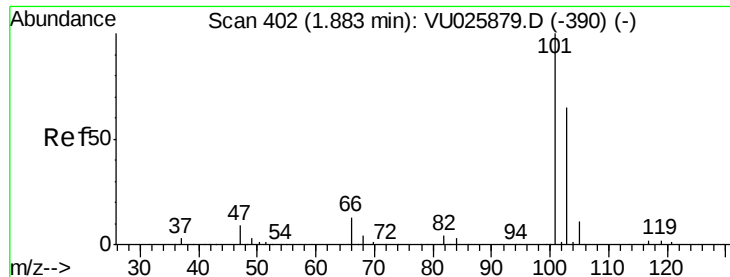
Tgt Ion: 64 Resp: 67679

Ion Ratio Lower Upper

64 100

66 31.1 25.0 37.4



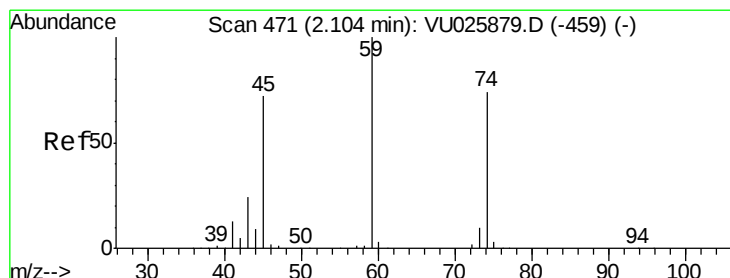
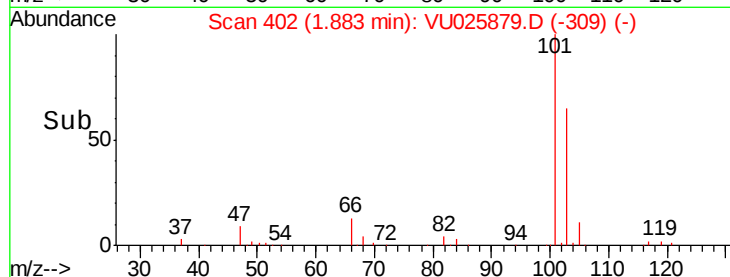
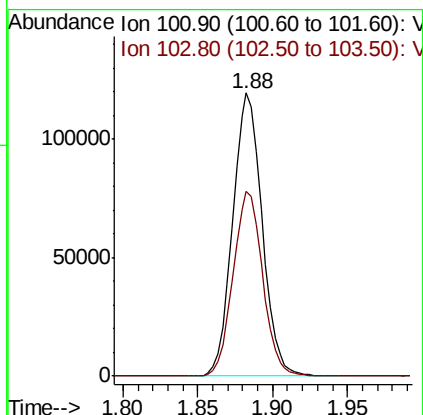
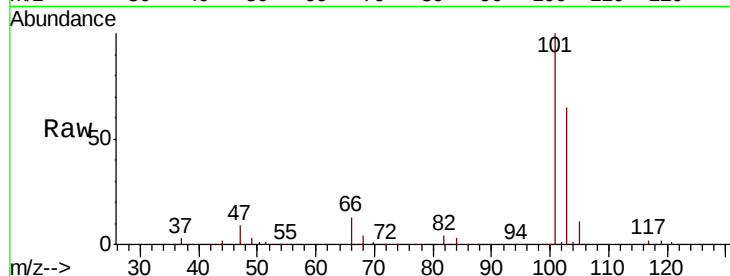


#7

Trichlorofluoromethane
 Concen: 49.832 ug/l
 RT: 1.88 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Instrument :
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 ClientSampleId :
 VSTDCCC050

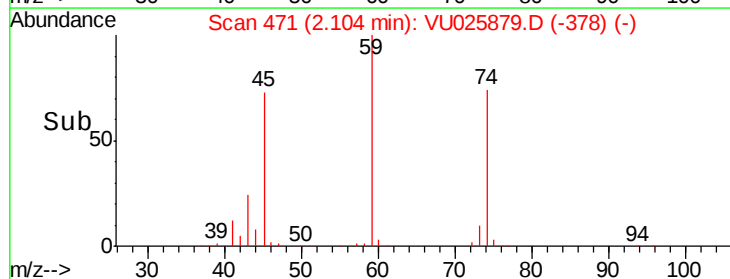
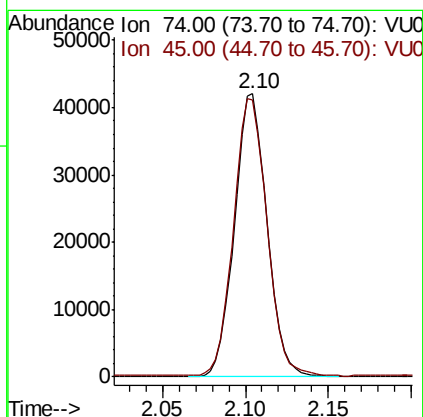
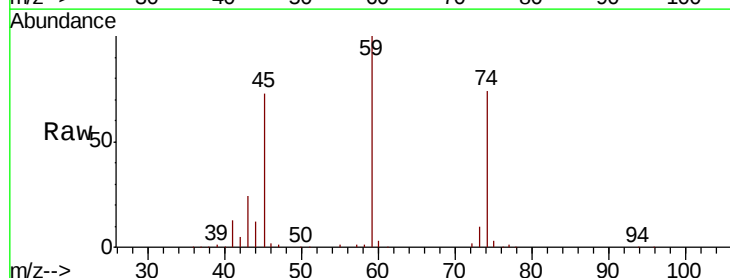
Tgt Ion:101 Resp: 163360
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2

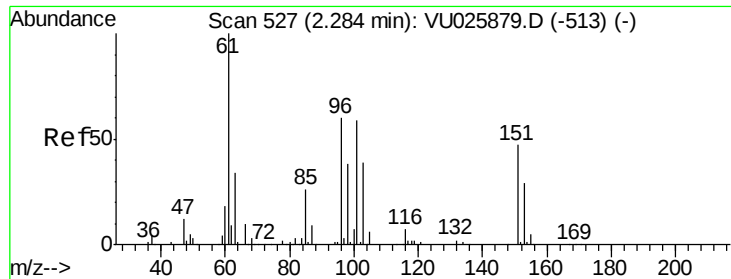


#8

Diethyl Ether
 Concen: 48.381 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 74 Resp: 57386
 Ion Ratio Lower Upper
 74 100
 45 100.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.964 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025879.D

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VSTDCCC050

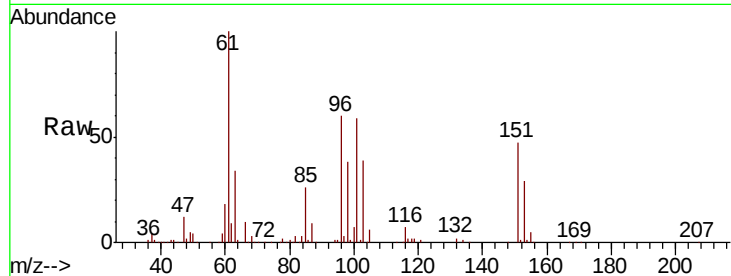
Tgt Ion:101 Resp: 102376

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

151 80.0 65.6 98.4

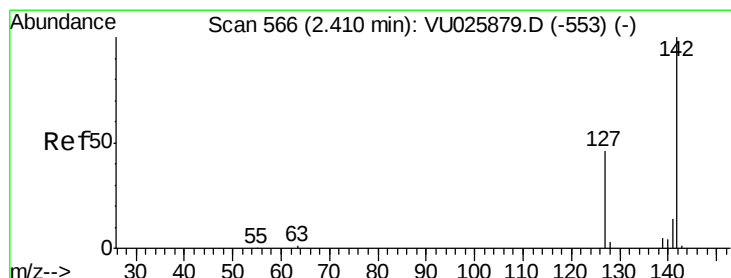
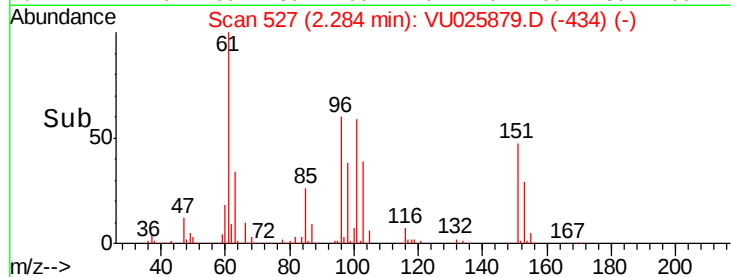
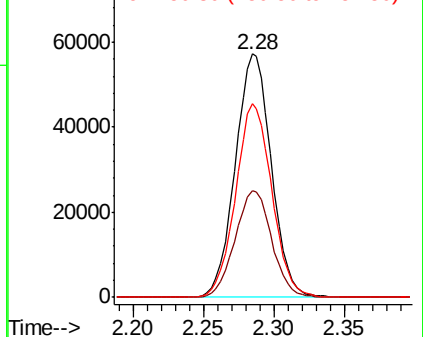


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.084 ug/l

RT: 2.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

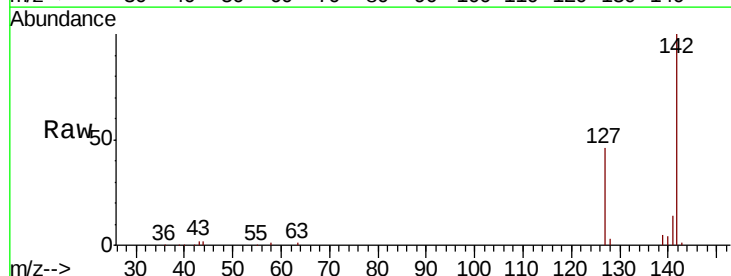
Tgt Ion:142 Resp: 71558

Ion Ratio Lower Upper

142 100

127 46.5 36.5 54.7

141 13.8 11.4 17.2

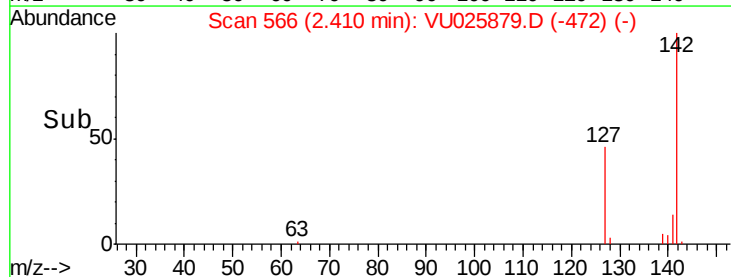
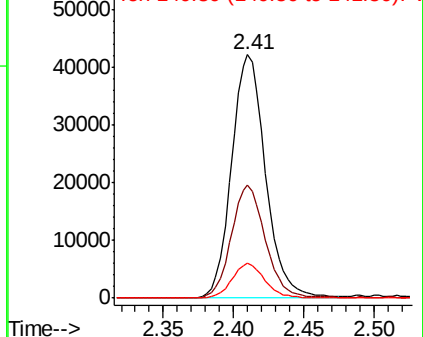


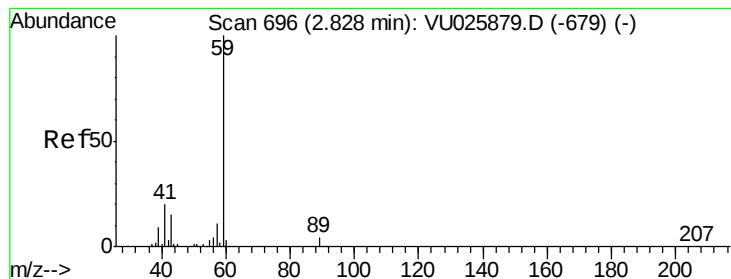
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



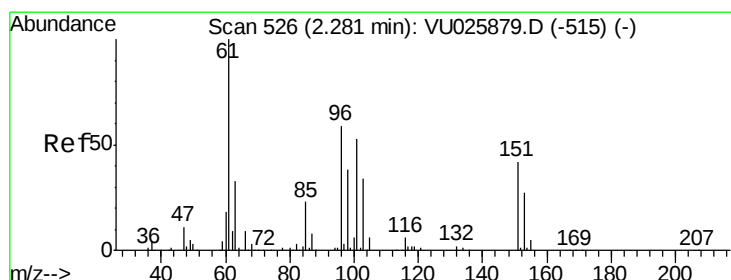
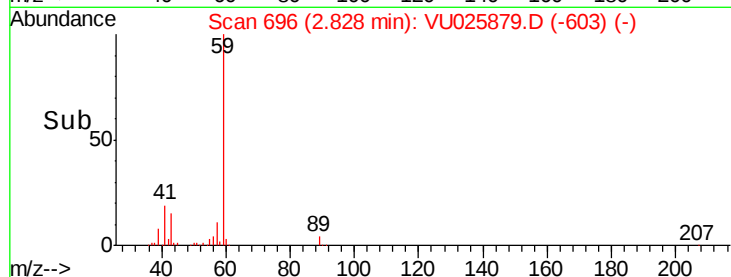
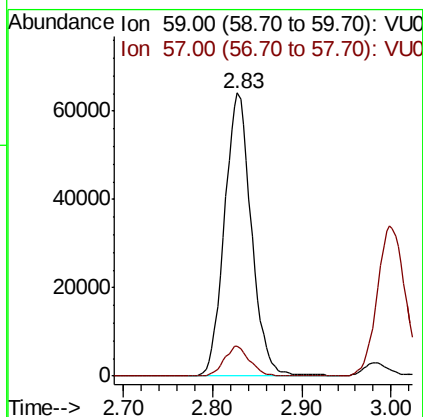
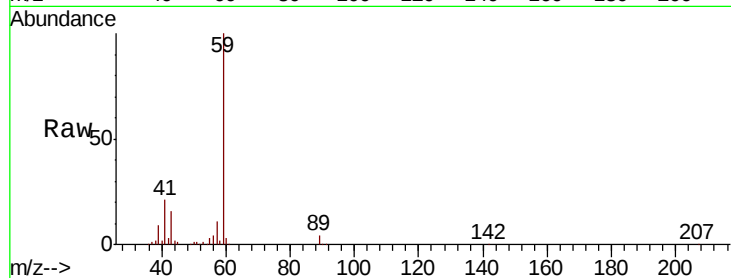


#11

Tert butyl alcohol
 Concen: 235.041 ug/l
 RT: 2.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

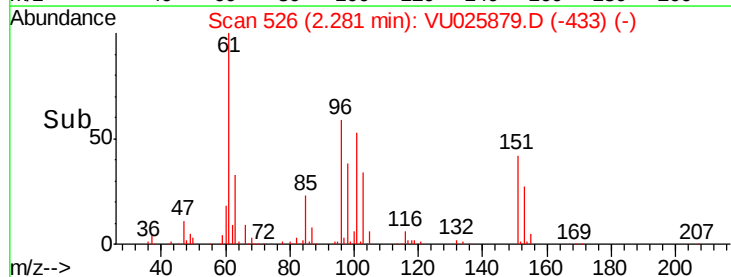
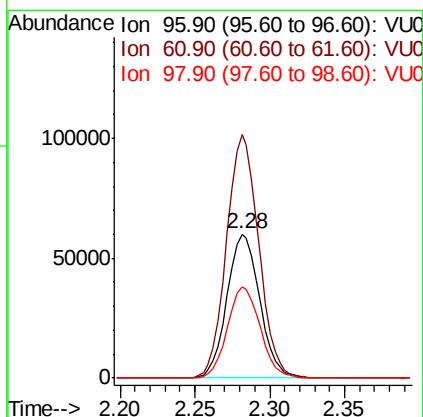
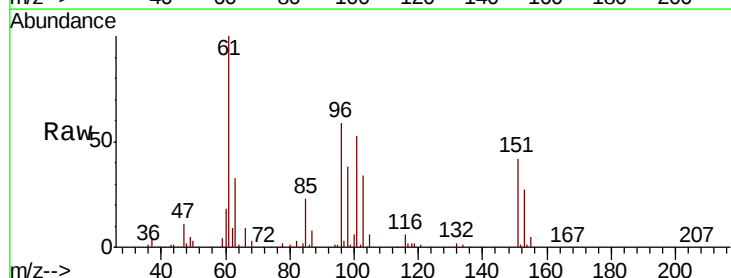
Tgt Ion: 59 Resp: 133723
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

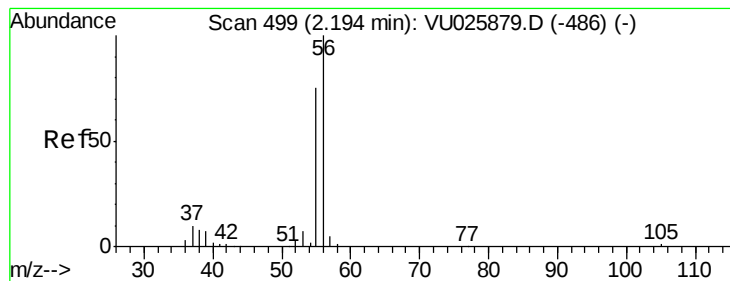


#12

1,1-Dichloroethene
 Concen: 51.165 ug/l
 RT: 2.28 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 96 Resp: 91624
 Ion Ratio Lower Upper
 96 100
 61 168.9 140.2 210.4
 98 63.4 49.3 73.9





#13

Acrolein

Concen: 171.418 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

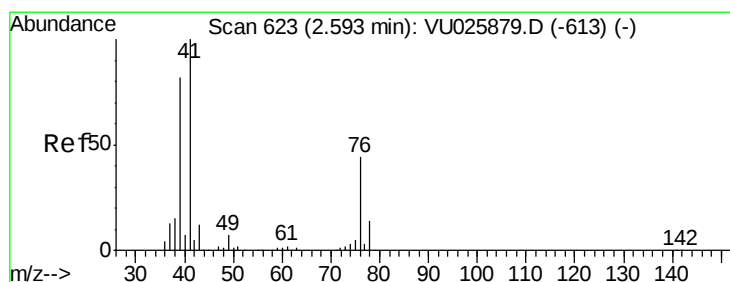
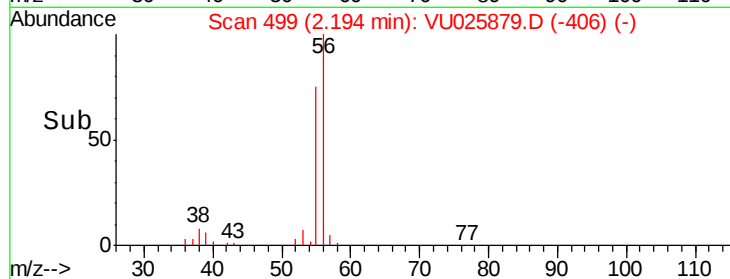
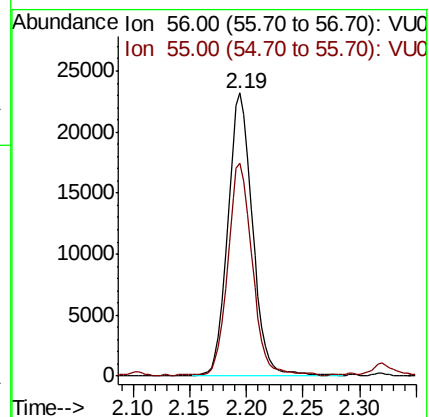
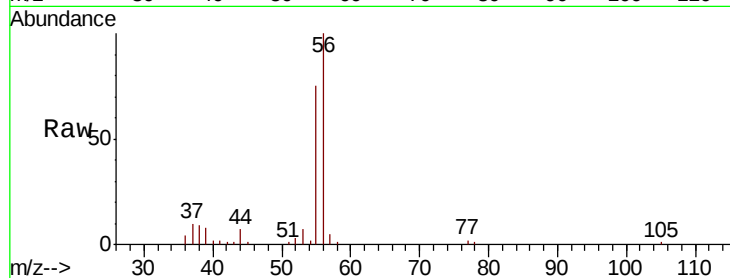
VSTDCCC050

Tgt Ion: 56 Resp: 35451

Ion Ratio Lower Upper

56 100

55 72.4 57.2 85.8



#14

Allyl chloride

Concen: 48.793 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

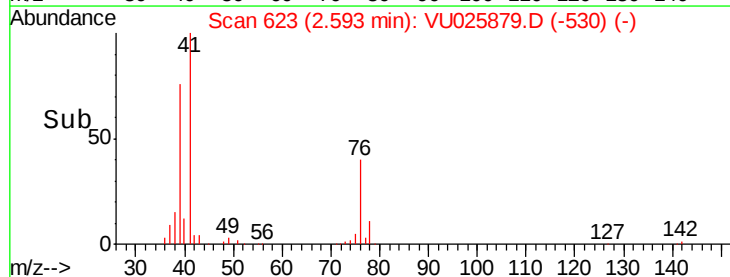
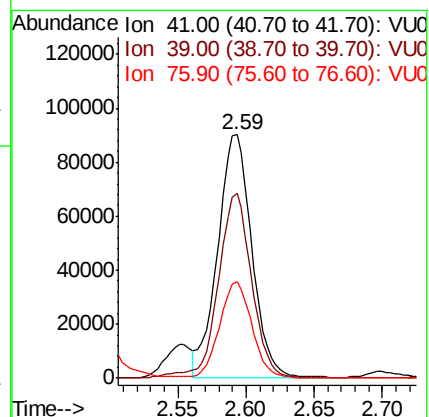
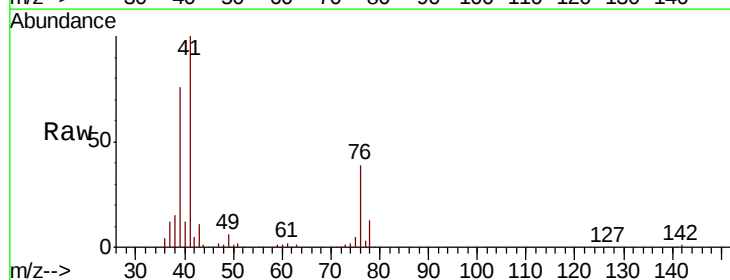
Tgt Ion: 41 Resp: 157021

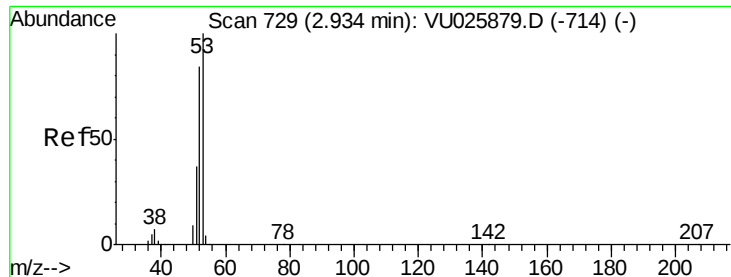
Ion Ratio Lower Upper

41 100

39 74.4 60.6 91.0

76 37.7 30.5 45.7





#15

Acrylonitrile

Concen: 258.897 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

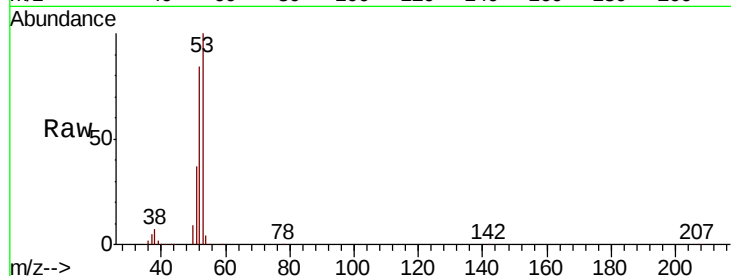
Tgt Ion: 53 Resp: 294088

Ion Ratio Lower Upper

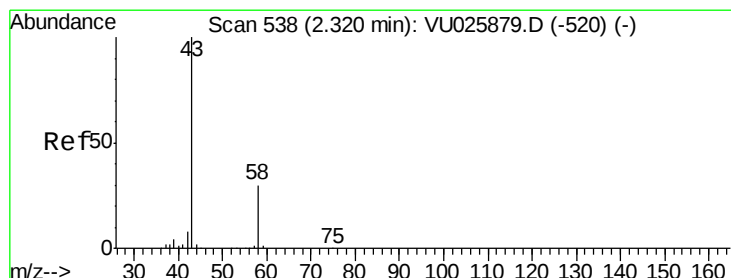
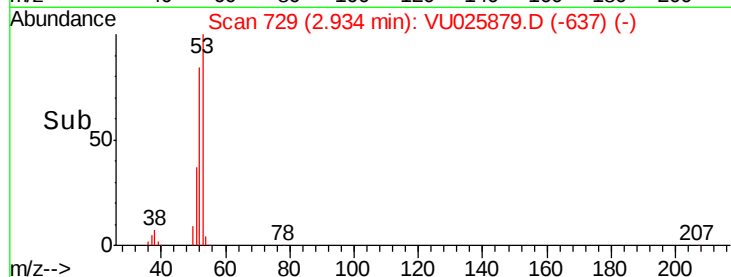
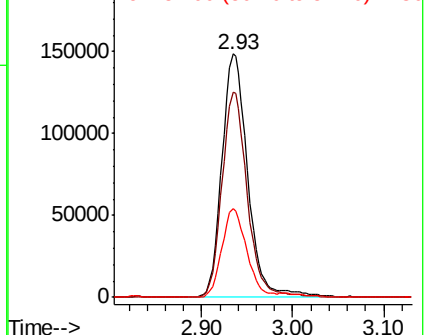
53 100

52 82.3 66.6 99.8

51 35.0 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 321.956 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025879.D

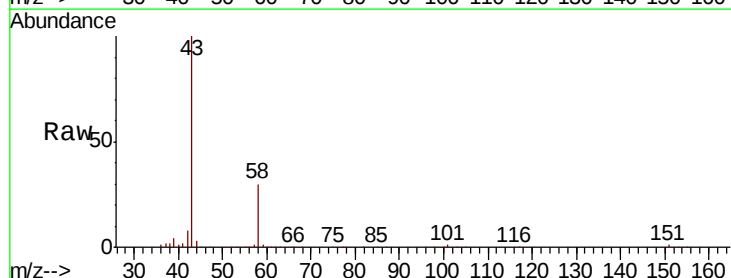
Acq: 06 Aug 2018 11:53

Tgt Ion: 43 Resp: 407896

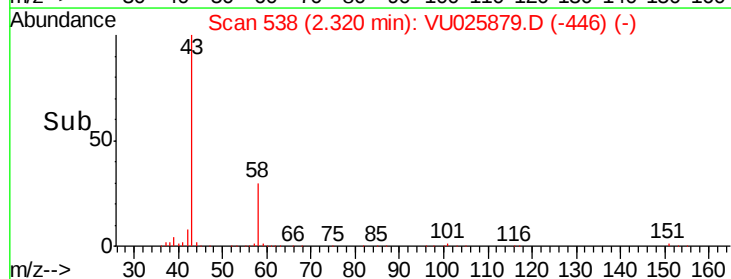
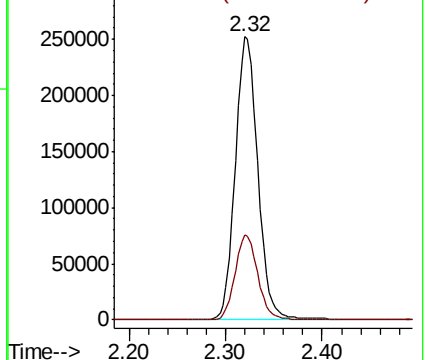
Ion Ratio Lower Upper

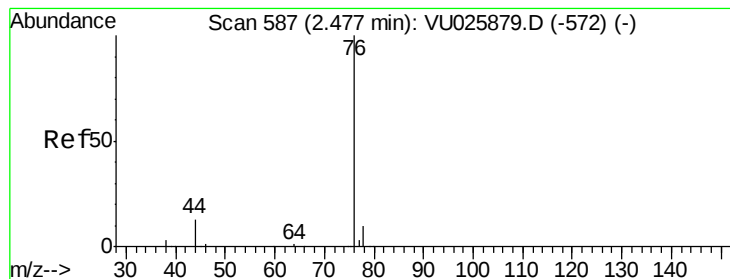
43 100

58 30.0 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

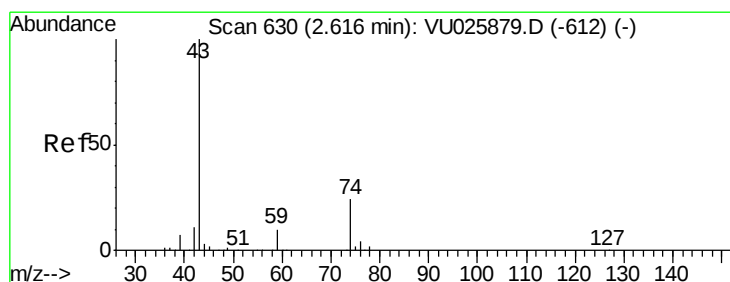
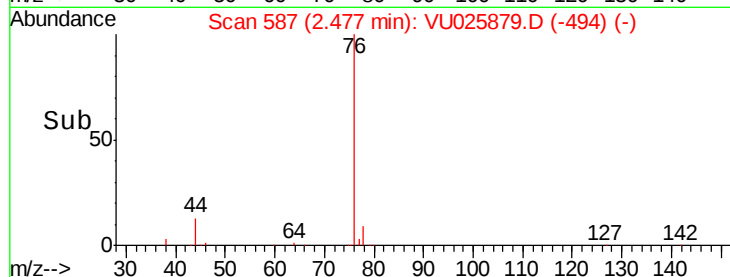
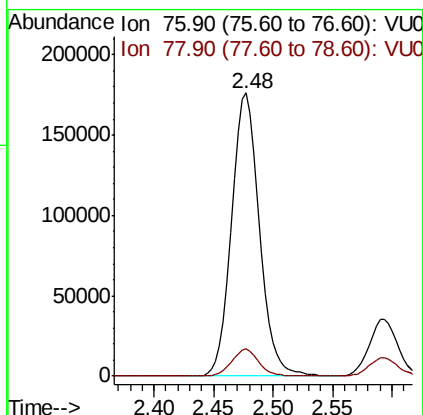
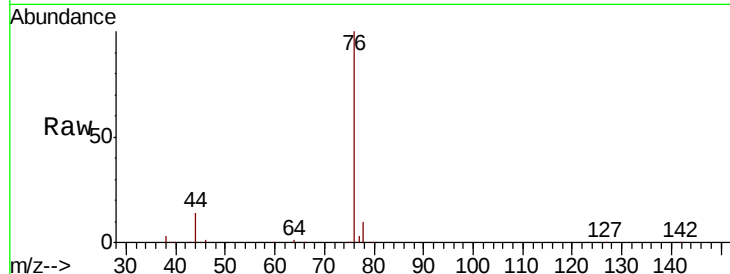




#17
Carbon Disulfide
Concen: 49.353 ug/l
RT: 2.48 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

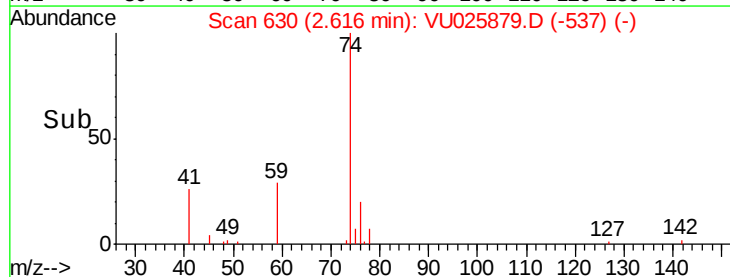
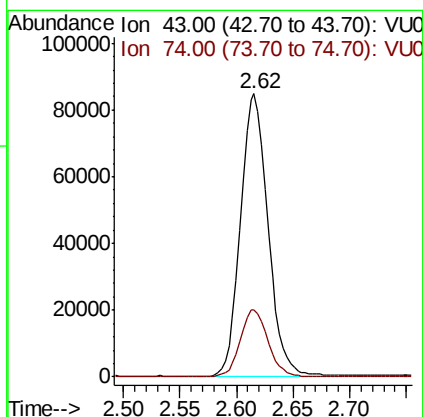
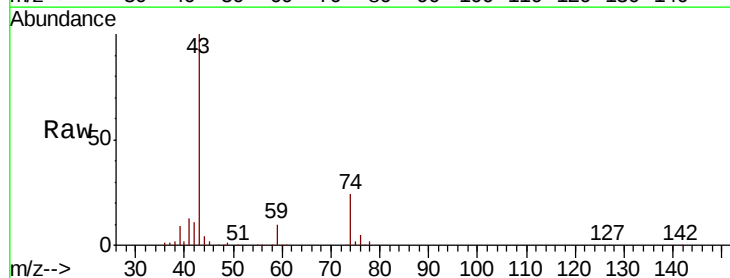
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

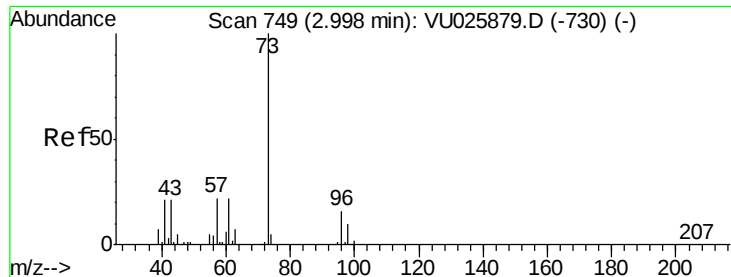
Tgt Ion: 76 Resp: 286026
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 47.227 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 43 Resp: 144012
Ion Ratio Lower Upper
43 100
74 23.9 18.5 27.7

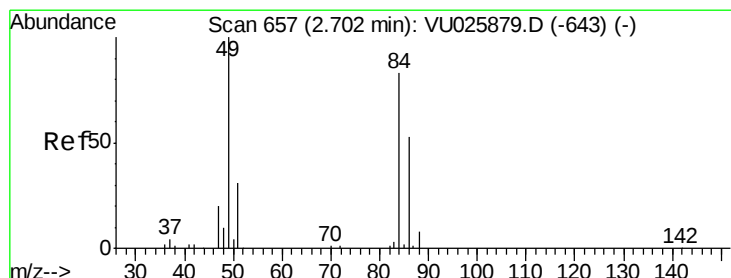
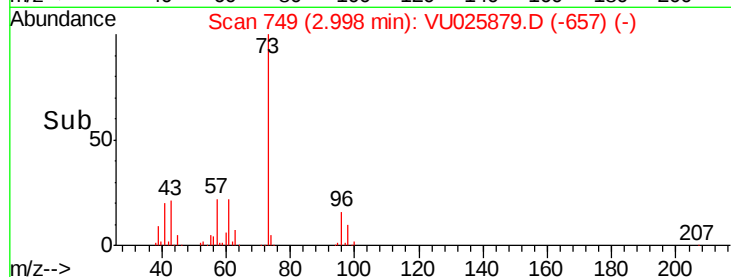
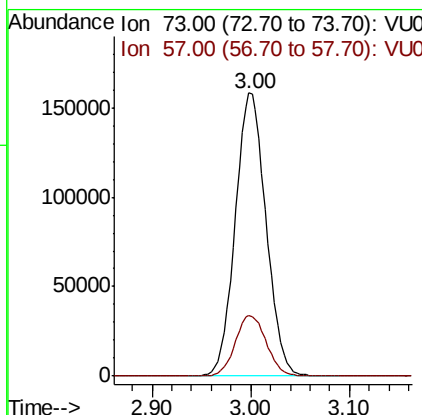
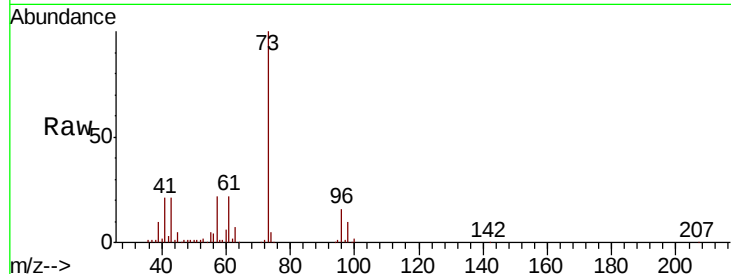




#19
Methyl tert-butyl Ether
Concen: 52.665 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

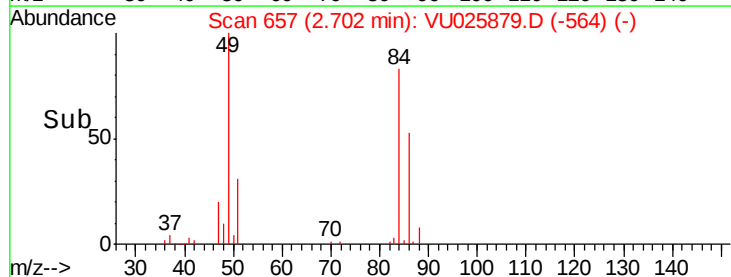
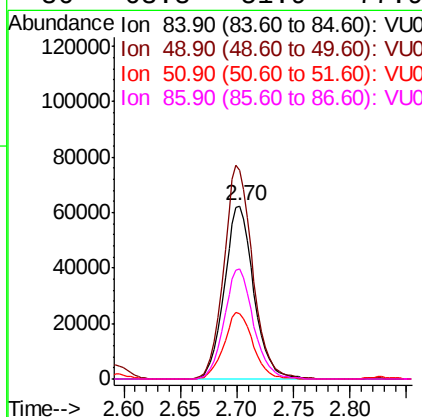
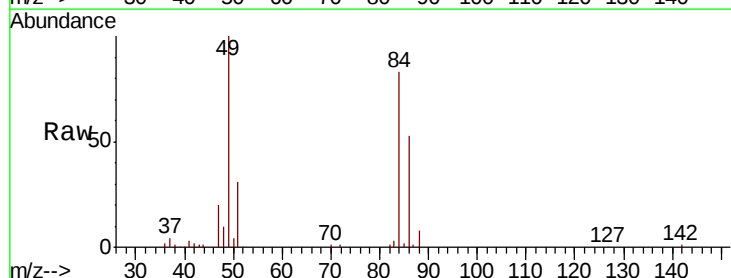
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

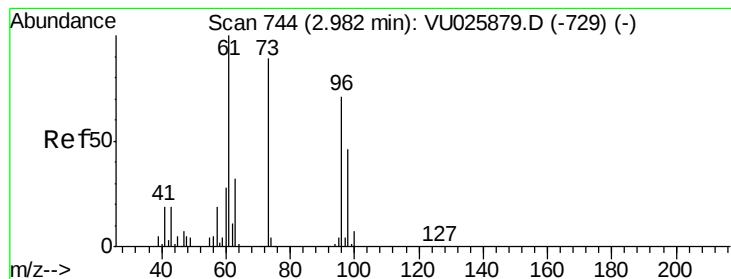
Tgt Ion: 73 Resp: 341759
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2



#20
Methylene Chloride
Concen: 50.077 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 84 Resp: 112438
Ion Ratio Lower Upper
84 100
49 120.6 101.8 152.6
51 37.8 30.8 46.2
86 63.8 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 50.889 ug/l

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

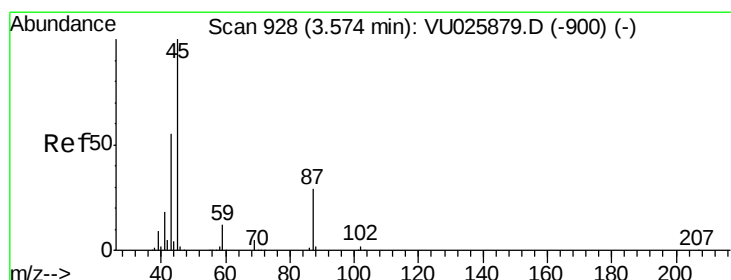
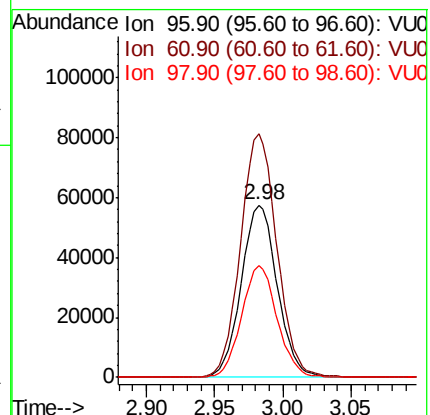
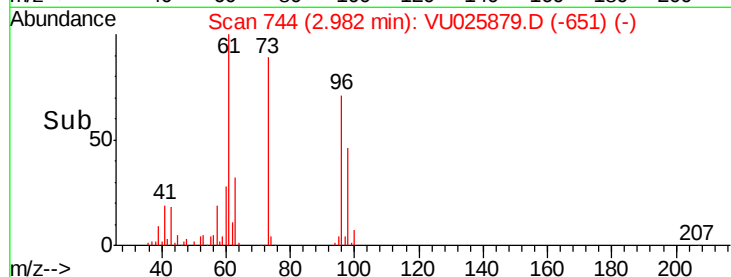
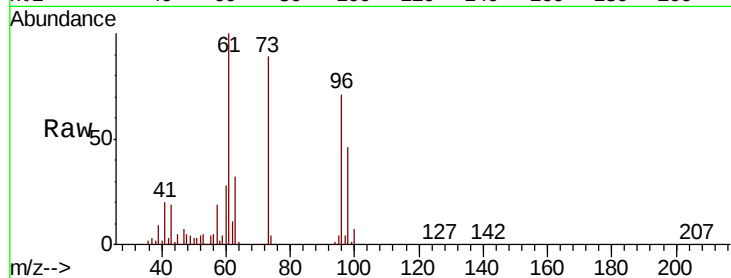
Tgt Ion: 96 Resp: 105343

Ion Ratio Lower Upper

96 100

61 141.2 114.5 171.7

98 64.5 50.5 75.7



#22

Diisopropyl ether

Concen: 53.240 ug/l

RT: 3.57 min Scan# 928

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Tgt Ion: 45 Resp: 337623

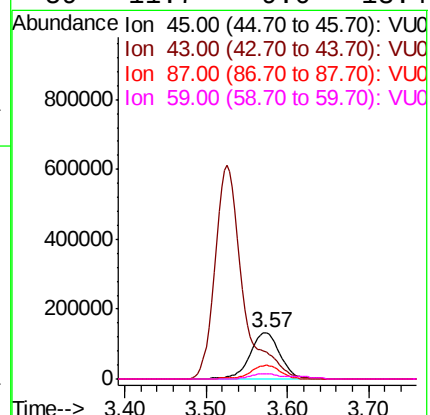
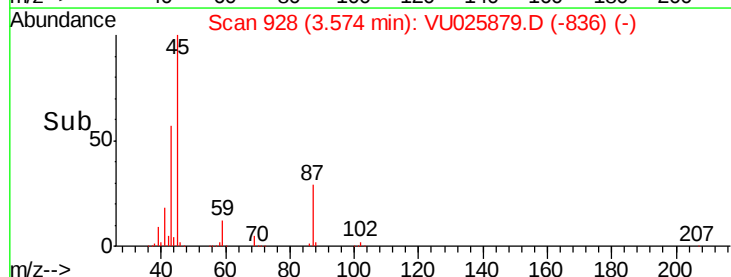
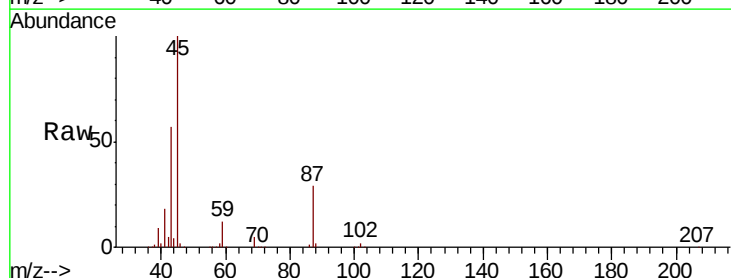
Ion Ratio Lower Upper

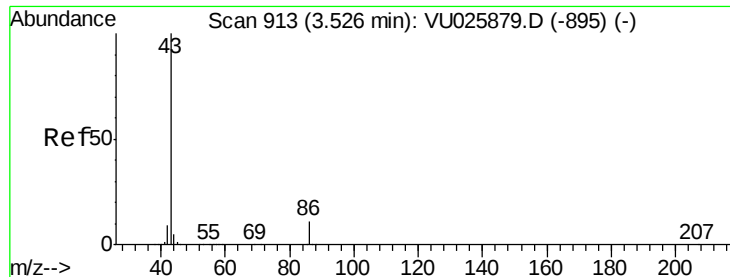
45 100

43 56.3 50.9 76.3

87 29.1 23.8 35.8

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 263.767 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

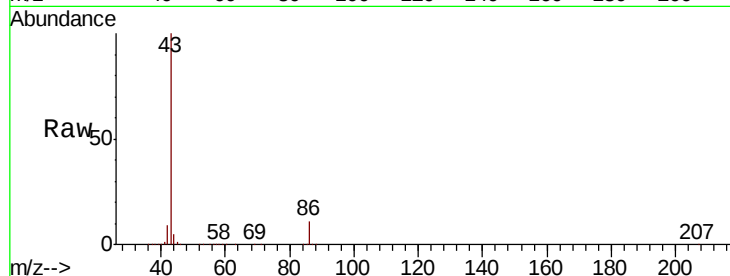
VSTDCCC050

Tgt Ion: 43 Resp: 1457711

Ion Ratio Lower Upper

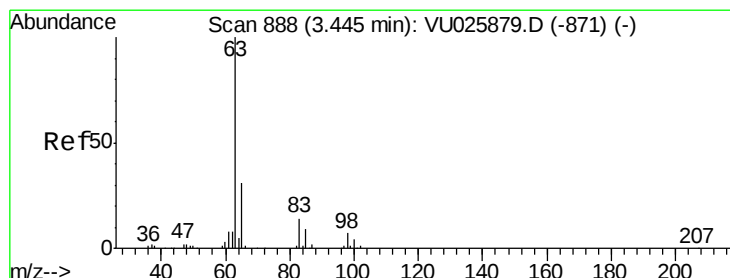
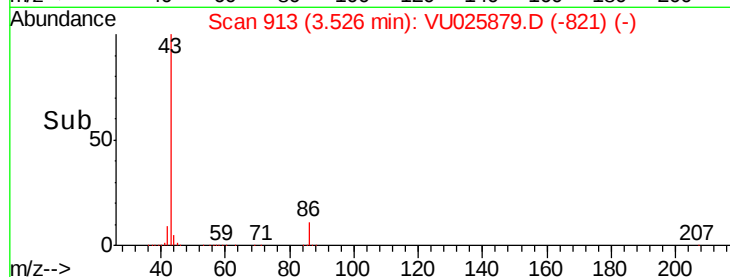
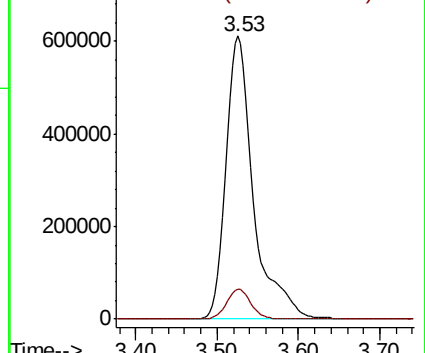
43 100

86 10.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 52.255 ug/l

RT: 3.45 min Scan# 888

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

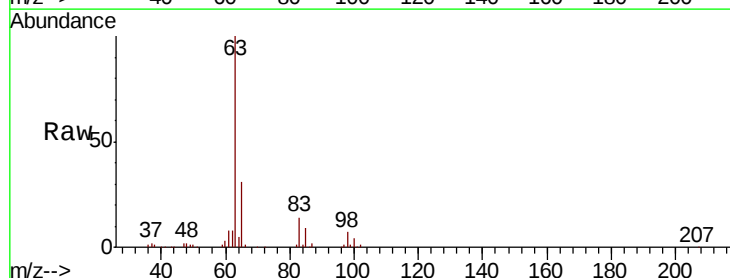
Tgt Ion: 63 Resp: 198921

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

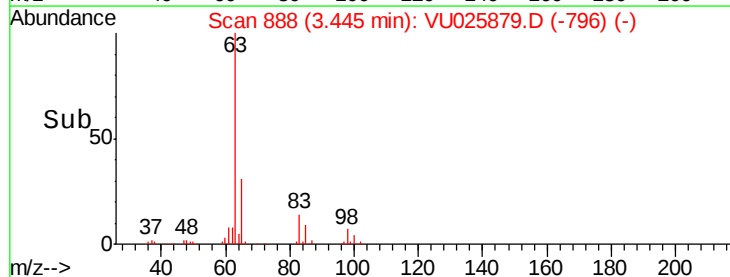
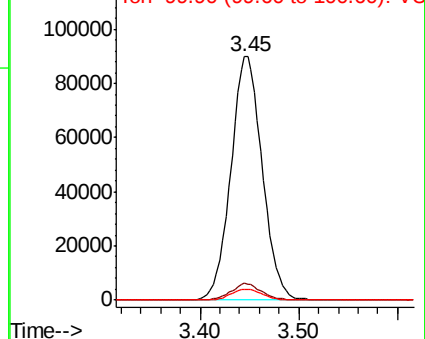
100 4.5 2.0 6.0

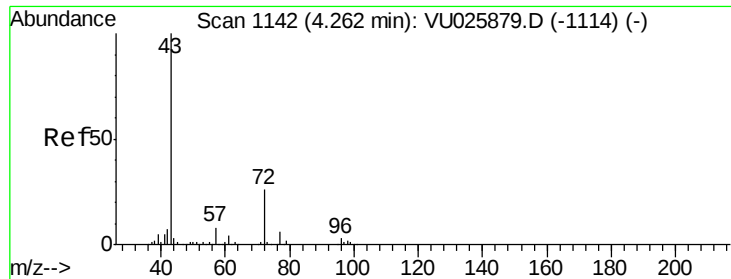


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0





#25

2-Butanone

Concen: 319.251 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

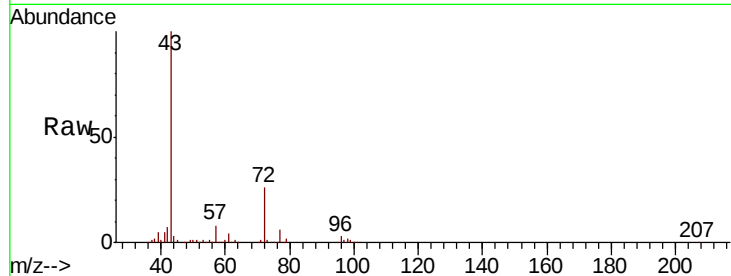
VSTDCCC050

Tgt Ion: 43 Resp: 550595

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

250000

200000

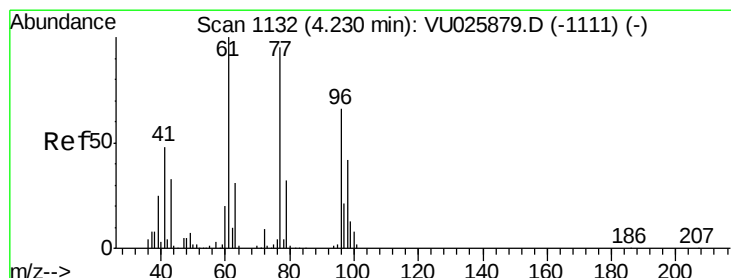
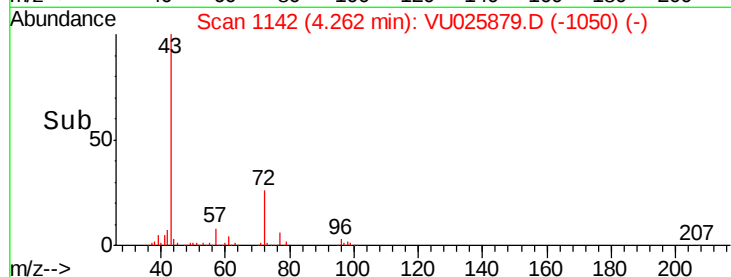
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 53.885 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025879.D

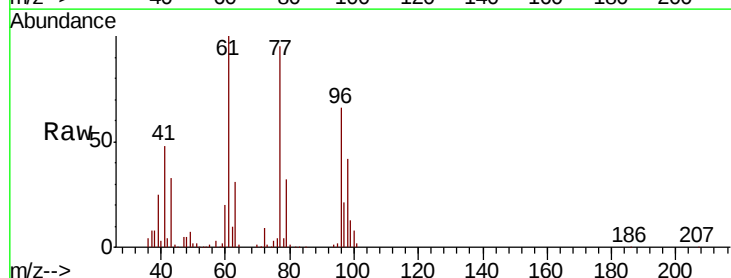
Acq: 06 Aug 2018 11:53

Tgt Ion: 77 Resp: 186445

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

80000

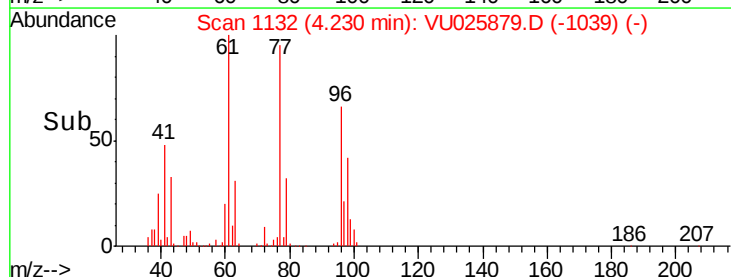
60000

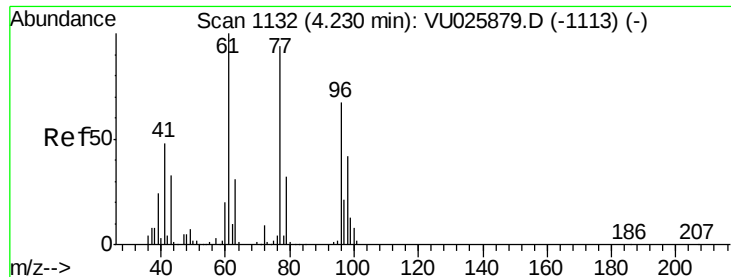
40000

20000

0

Time--> 4.10 4.20 4.30

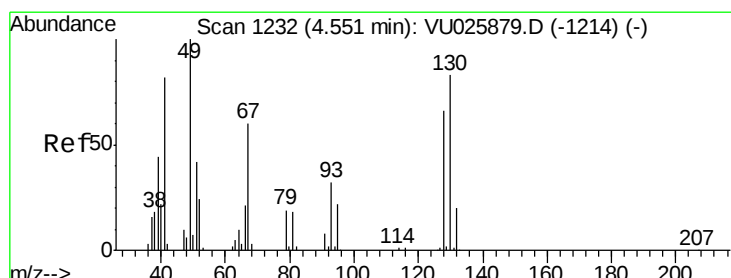
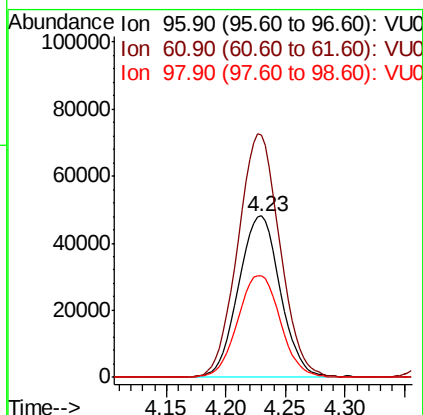
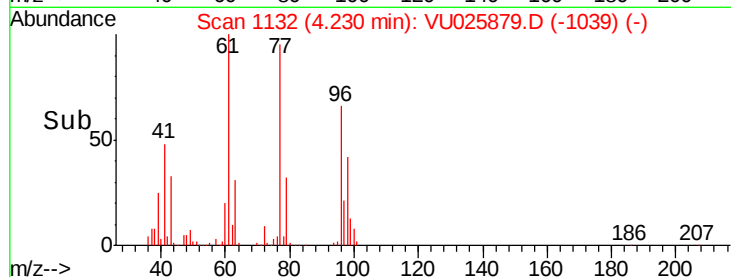
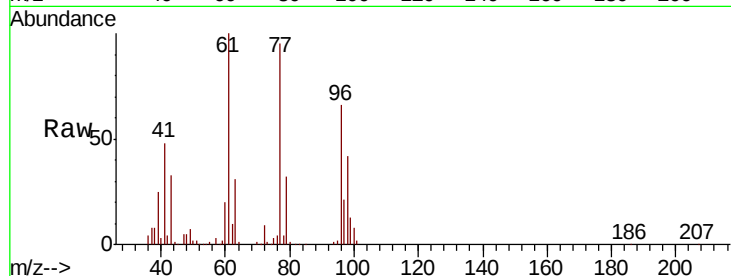




#27
 cis-1,2-Dichloroethene
 Concen: 50.293 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

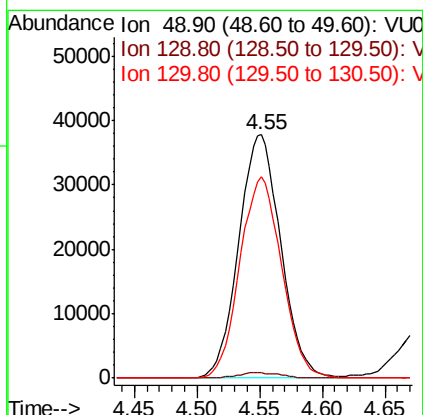
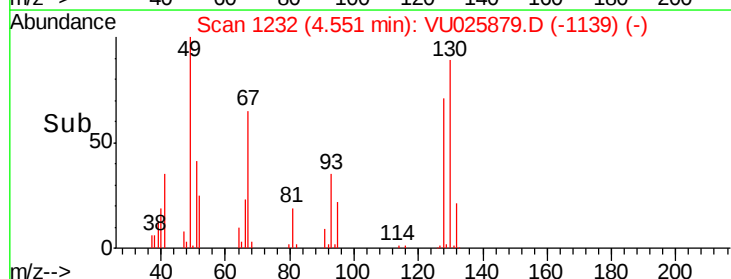
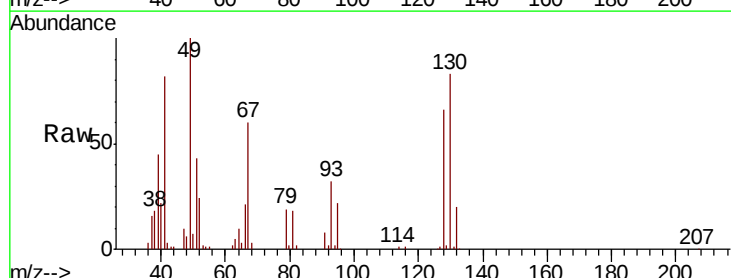
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

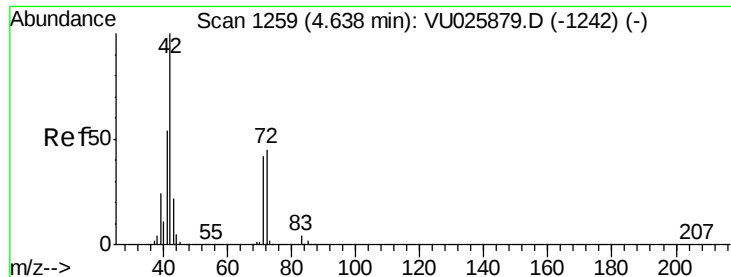
Tgt Ion: 96 Resp: 117378
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 299.8
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.791 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 49 Resp: 88149
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 82.1 68.6 102.8

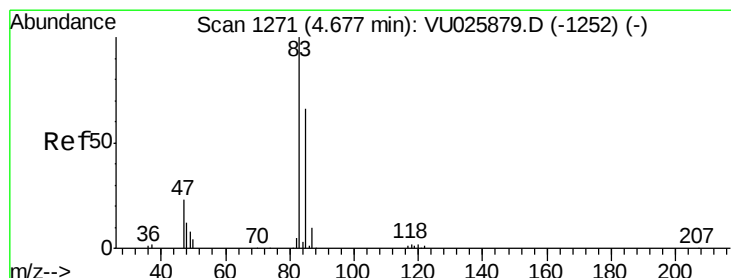
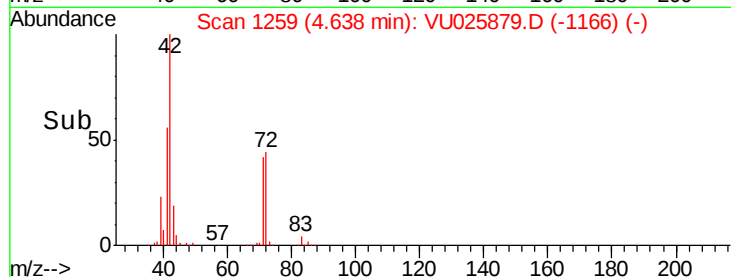
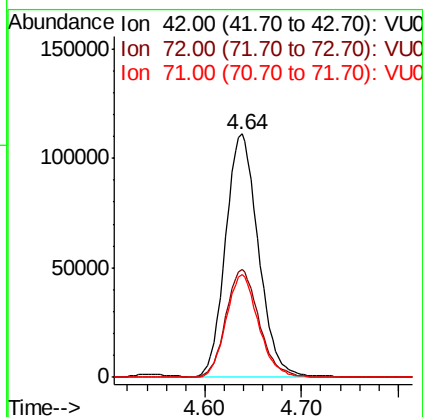
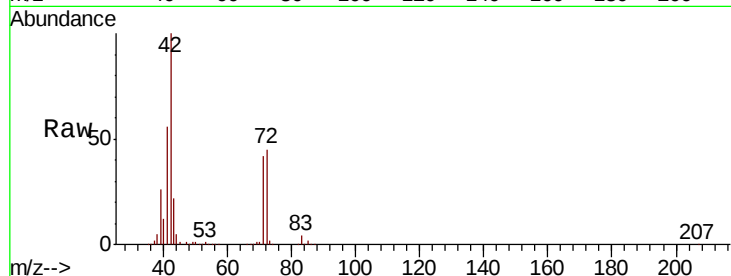




#29
Tetrahydrofuran
Concen: 253.537 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

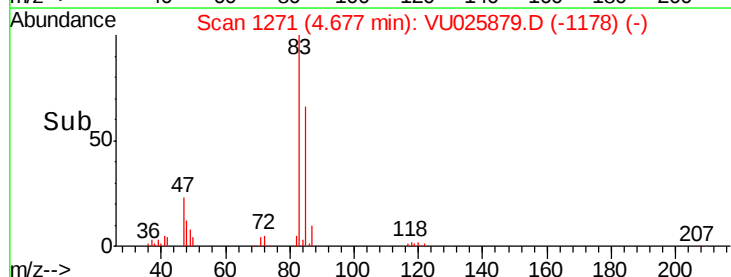
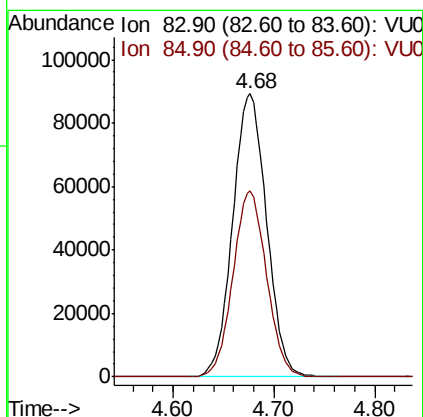
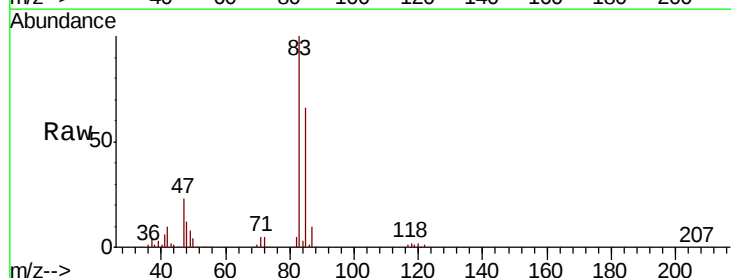
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

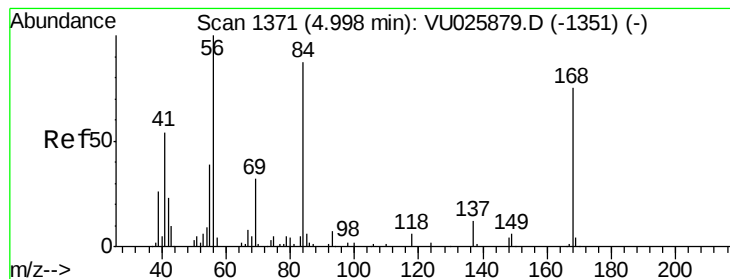
Tgt Ion: 42 Resp: 261968
Ion Ratio Lower Upper
42 100
72 44.8 36.7 55.1
71 41.7 33.9 50.9



#30
Chloroform
Concen: 51.739 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 83 Resp: 207893
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3





#31

Cyclohexane

Concen: 51.205 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

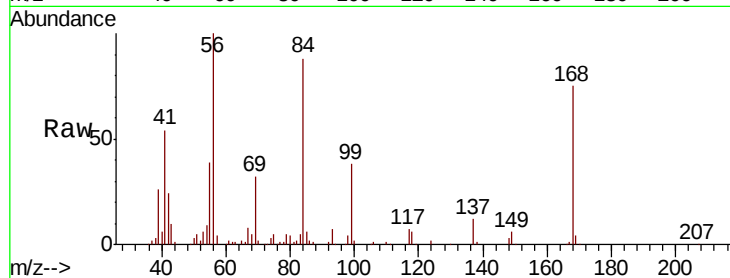
Tgt Ion: 56 Resp: 169447

Ion Ratio Lower Upper

56 100

69 32.3 26.8 40.2

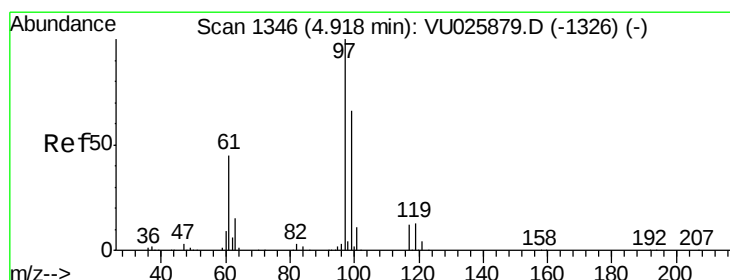
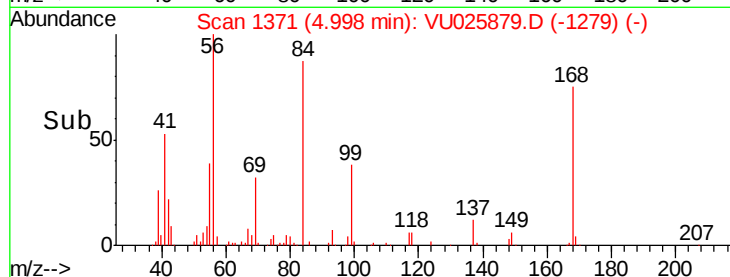
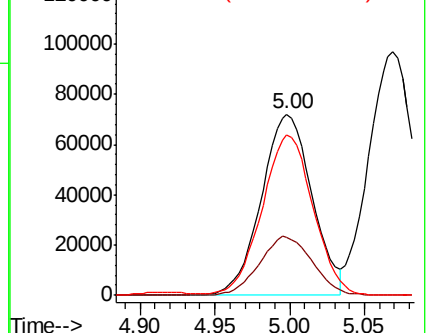
84 87.4 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 51.883 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

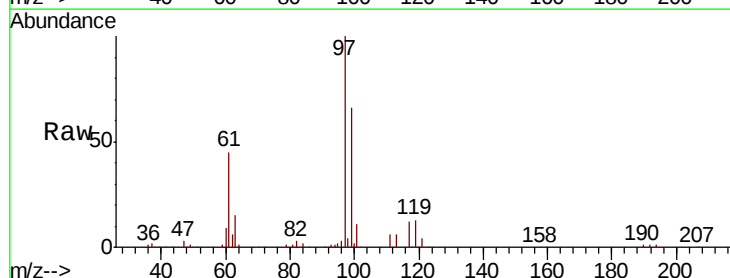
Tgt Ion: 97 Resp: 187695

Ion Ratio Lower Upper

97 100

99 65.5 50.8 76.2

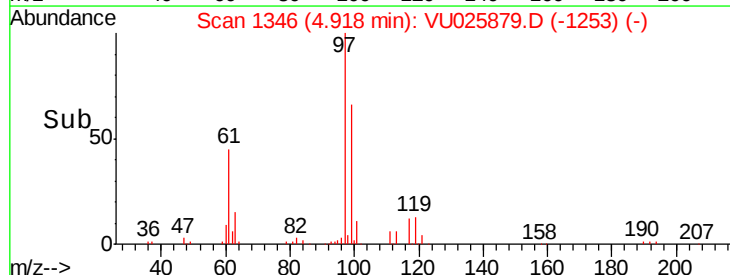
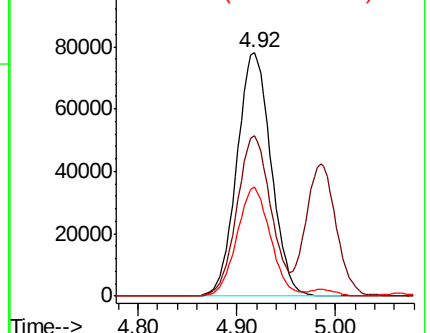
61 43.9 35.2 52.8

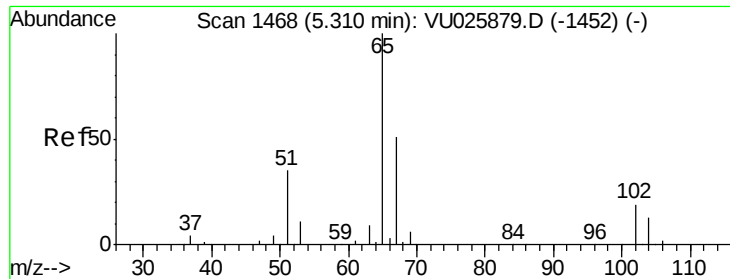


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

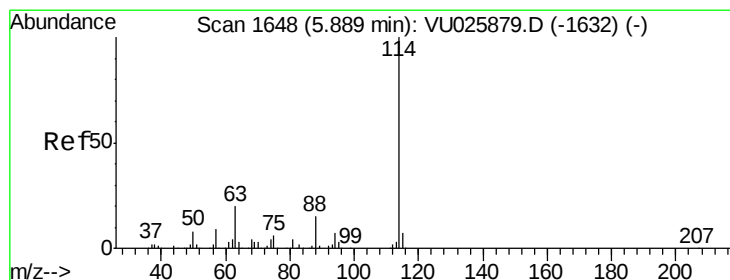
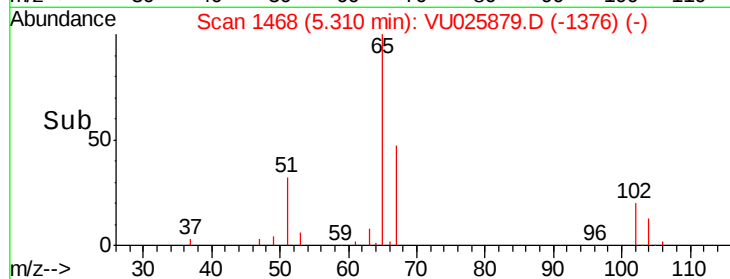
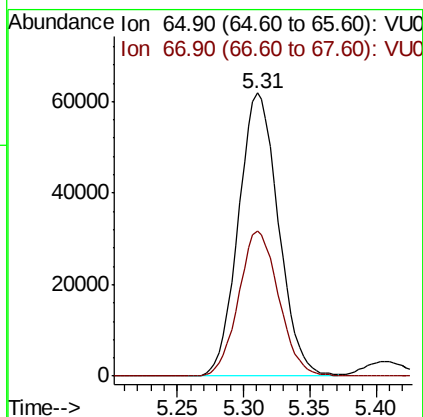
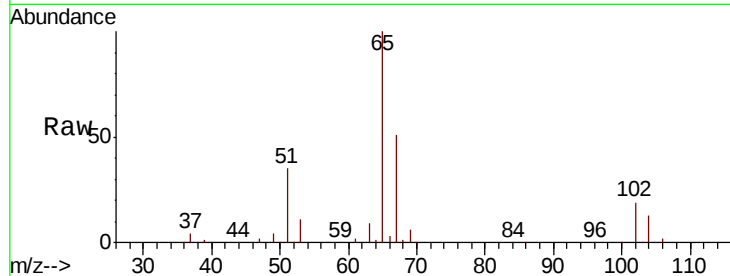




#33
 1,2-Dichloroethane-d4
 Concen: 49.950 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

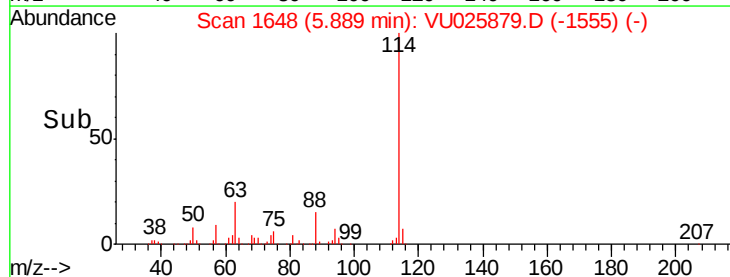
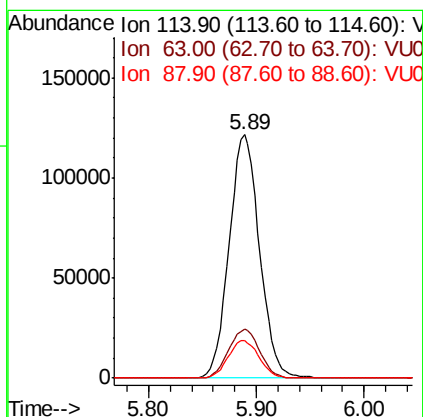
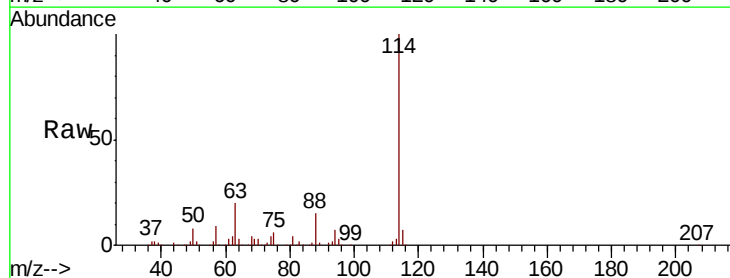
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

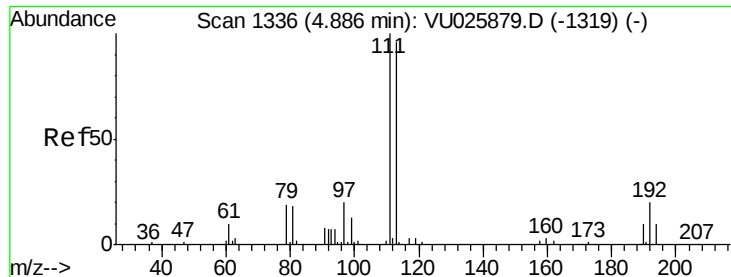
Tgt Ion: 65 Resp: 129800
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 114 Resp: 239041
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.3 0.0 32.4

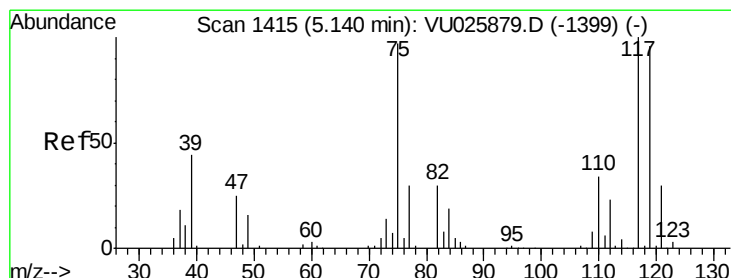
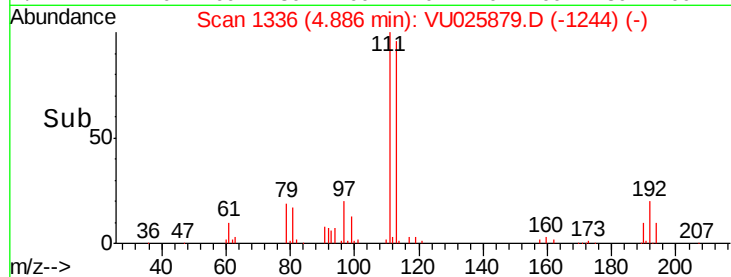
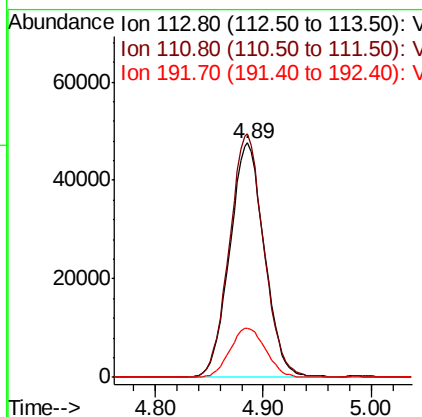
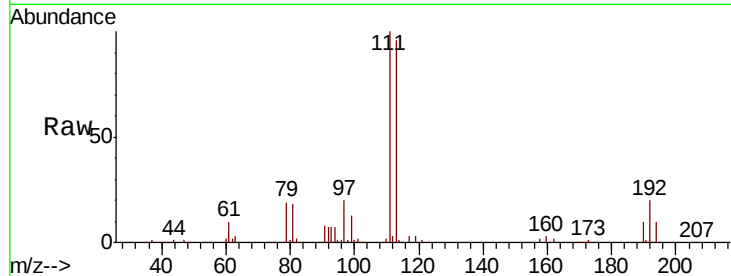




#35
 Dibromofluoromethane
 Concen: 51.252 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

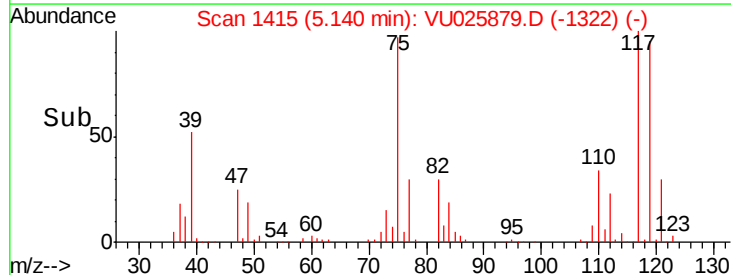
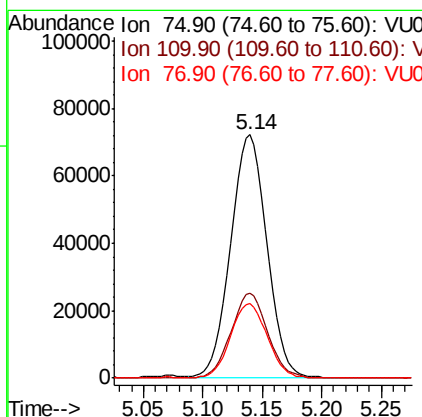
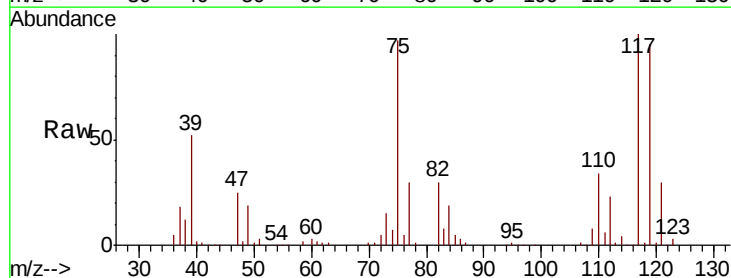
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

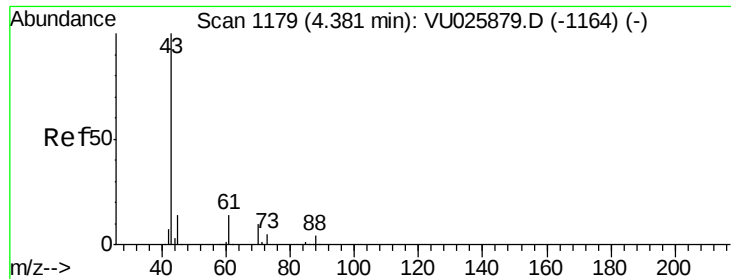
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.7	122.5
192	21.6	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 54.422 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	30.7	24.4	36.6

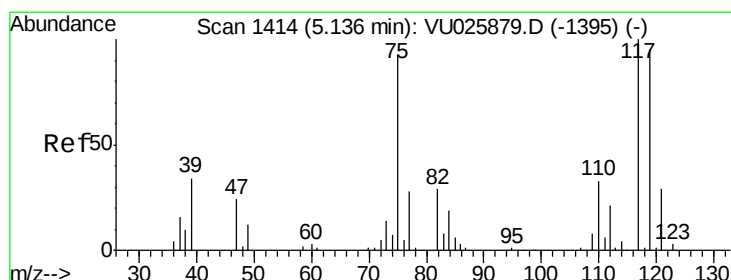
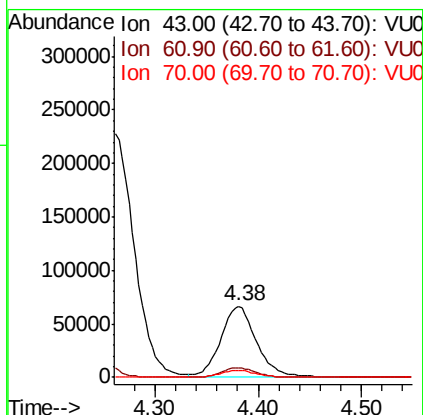
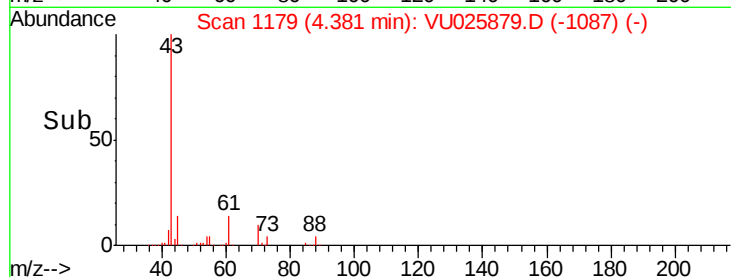
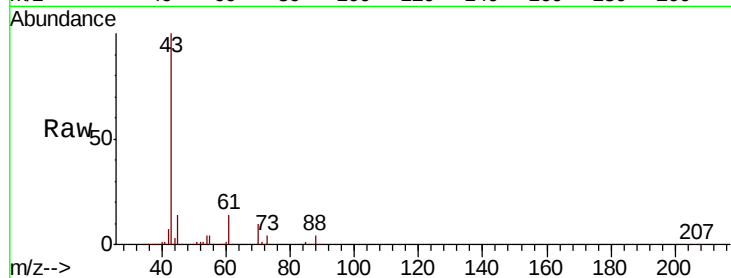




#37
Ethyl Acetate
Concen: 54.714 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

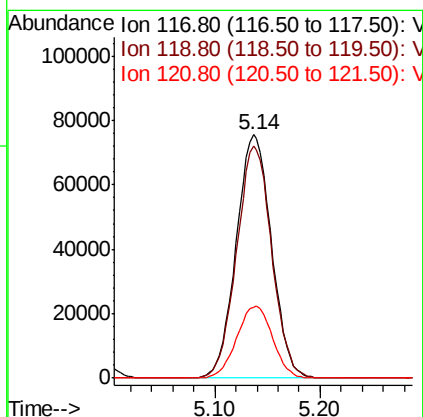
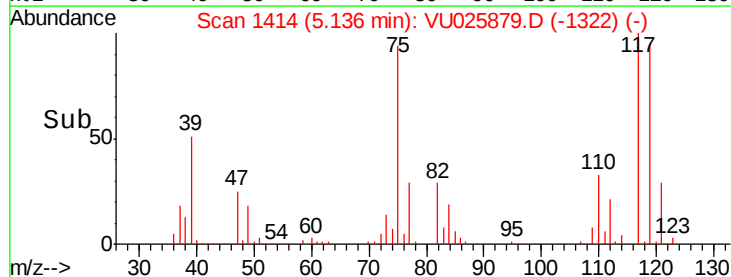
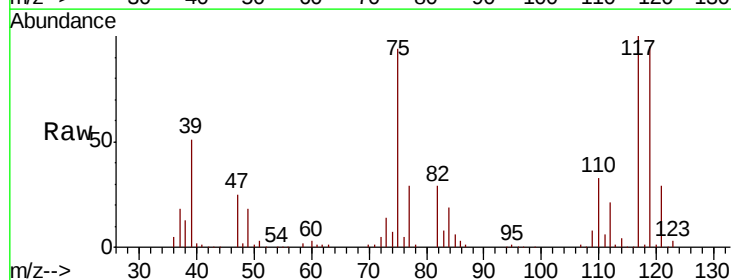
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

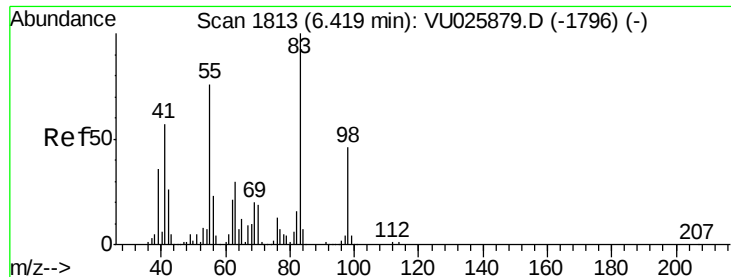
Tgt Ion: 43 Resp: 158488
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 10.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 55.273 ug/l
RT: 5.14 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 117 Resp: 174891
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5
121 29.3 24.6 36.8

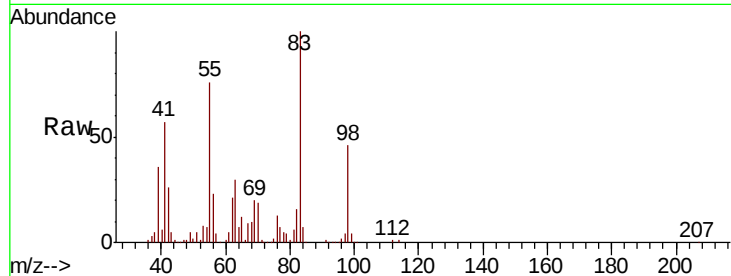




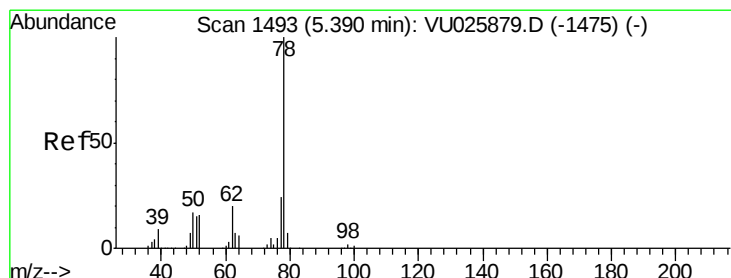
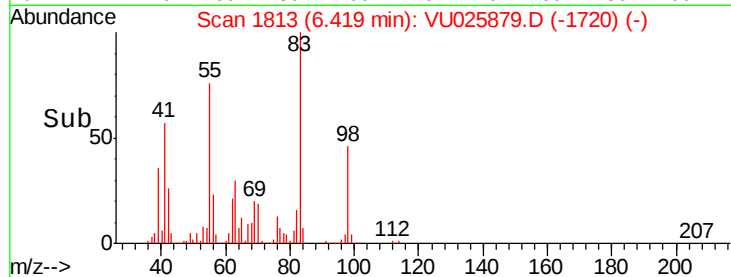
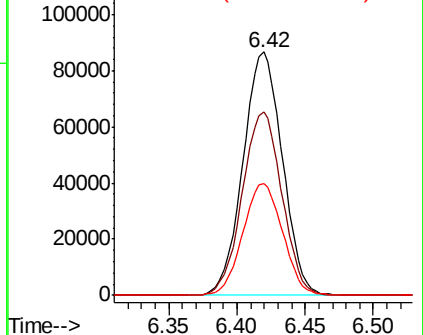
#39
Methylcyclohexane
Concen: 54.354 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 173977
Ion Ratio Lower Upper
83 100
55 75.6 60.0 90.0
98 45.9 36.1 54.1

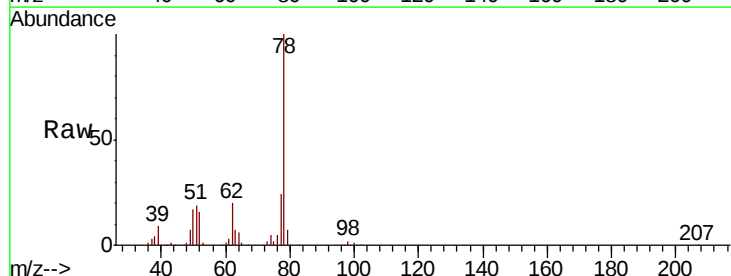


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

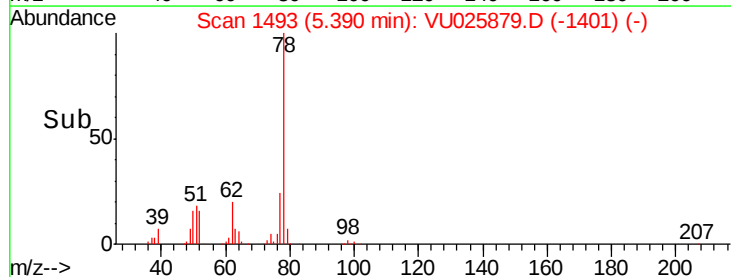
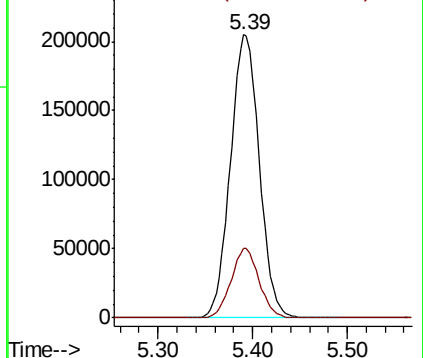


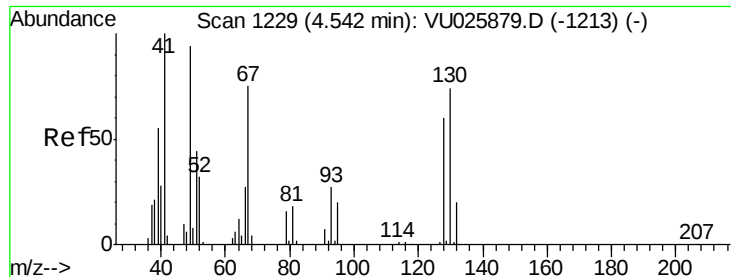
#40
Benzene
Concen: 53.182 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 78 Resp: 434273
Ion Ratio Lower Upper
78 100
77 24.4 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

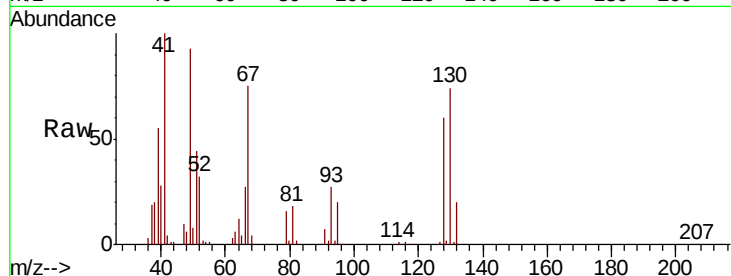




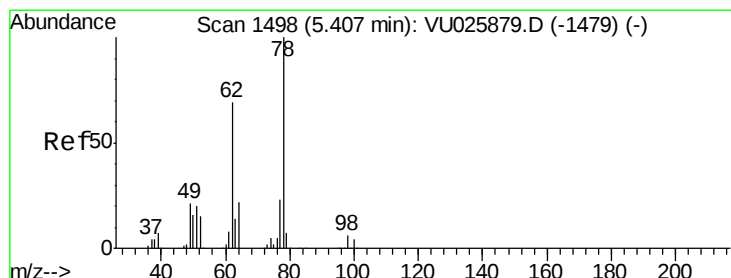
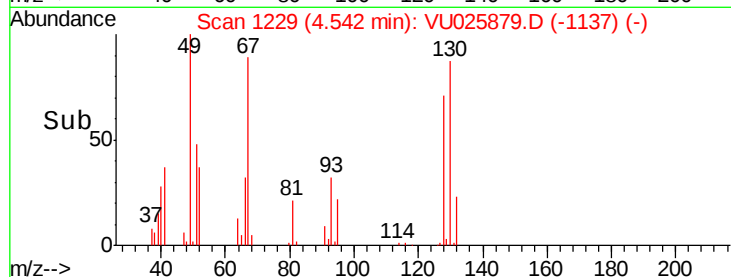
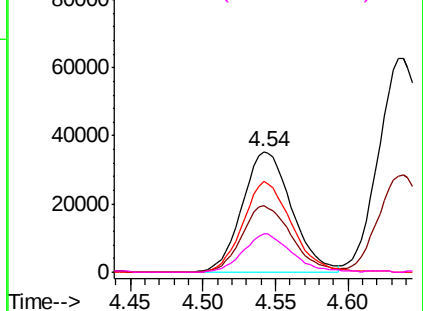
#41
Methacrylonitrile
Concen: 51.569 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	82968
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.4	66.6
67	75.1	56.0	84.0
52	31.5	24.6	36.8

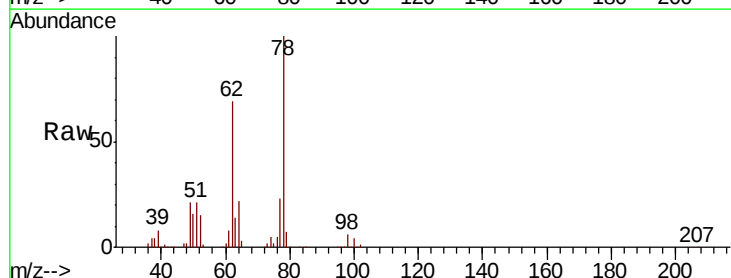


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

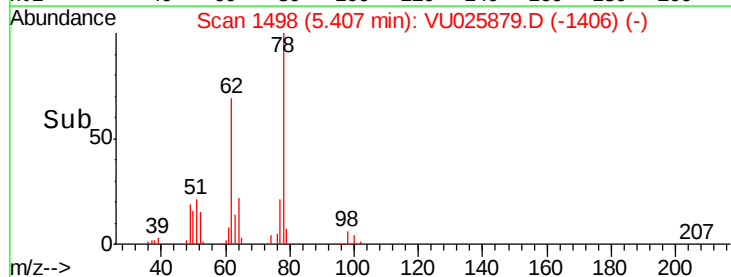
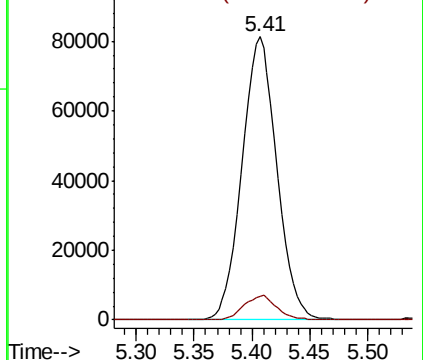


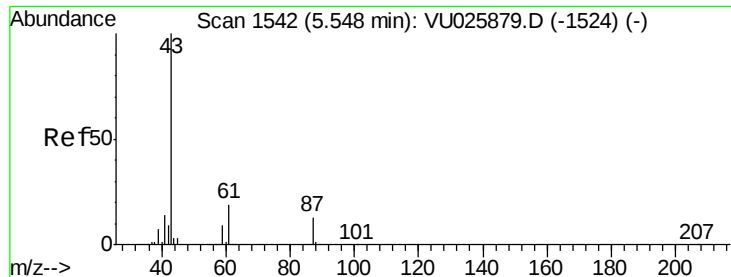
#42
1,2-Dichloroethane
Concen: 54.148 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion:	62	Resp:	170258
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0

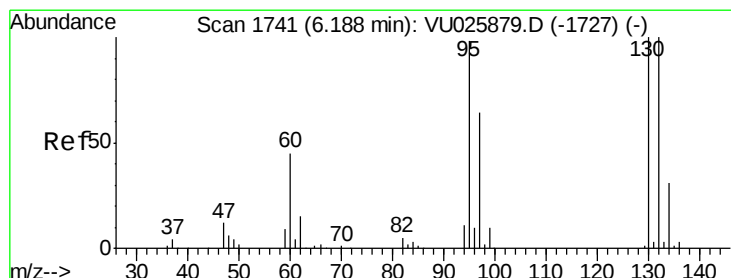
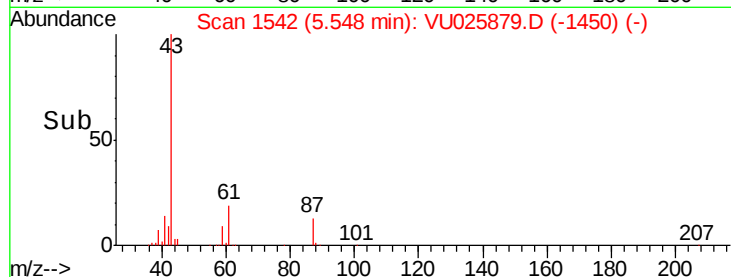
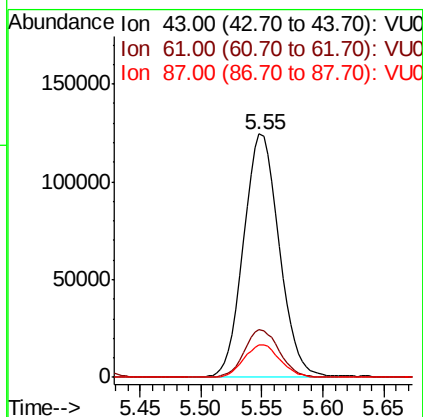
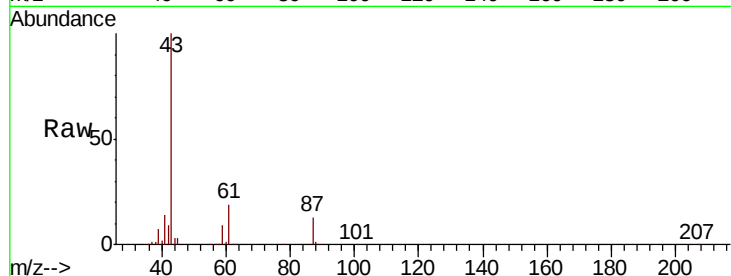




#43
Isopropyl Acetate
Concen: 52.515 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

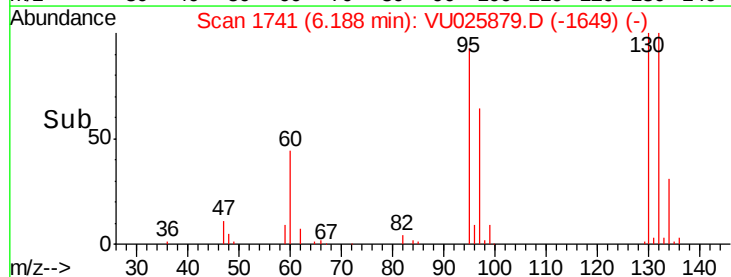
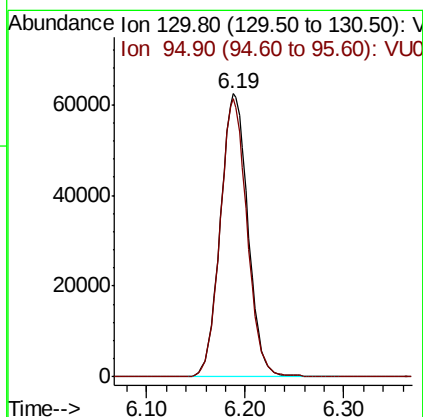
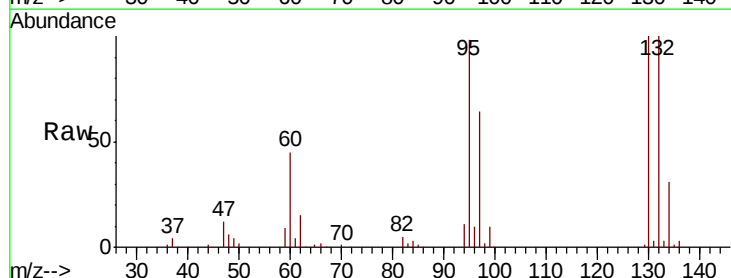
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

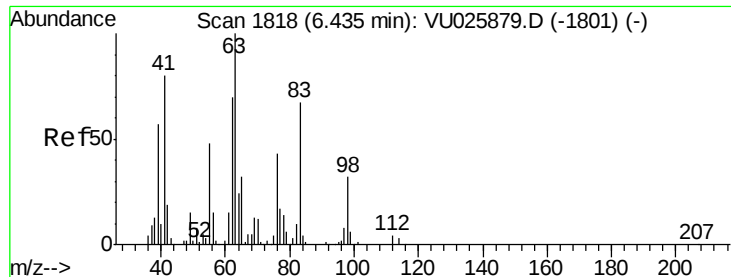
Tgt Ion: 43 Resp: 251372
Ion Ratio Lower Upper
43 100
61 19.3 15.5 23.3
87 13.6 10.6 16.0



#44
Trichloroethene
Concen: 53.601 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 130 Resp: 121893
Ion Ratio Lower Upper
130 100
95 98.4 0.0 192.2

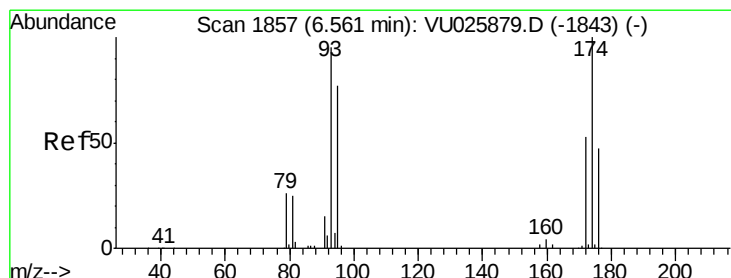
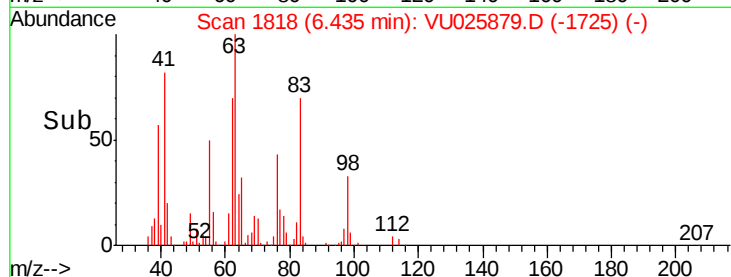
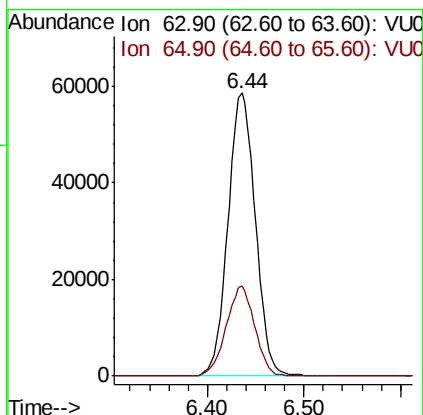
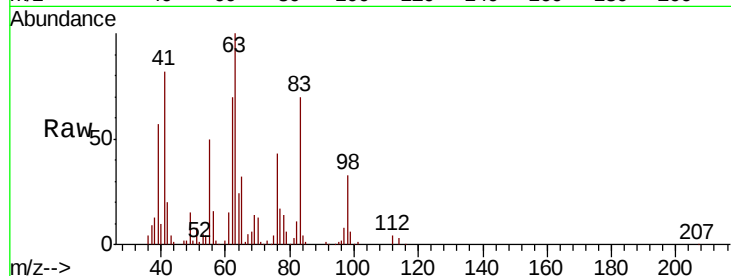




#45
 1,2-Dichloropropane
 Concen: 54.205 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

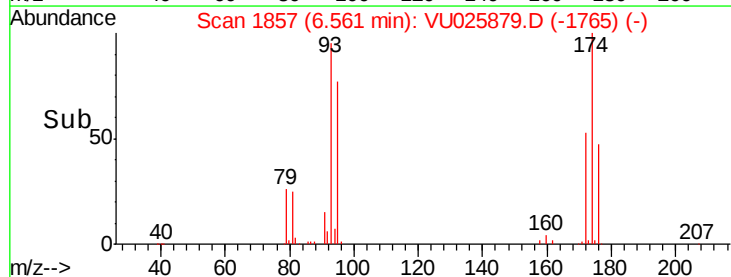
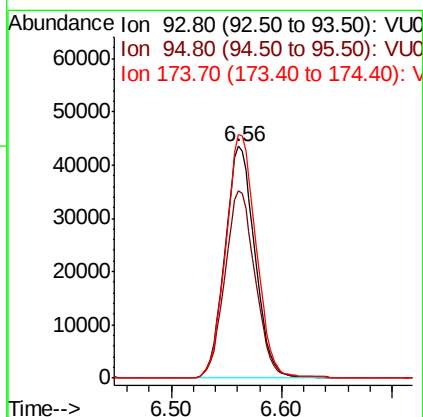
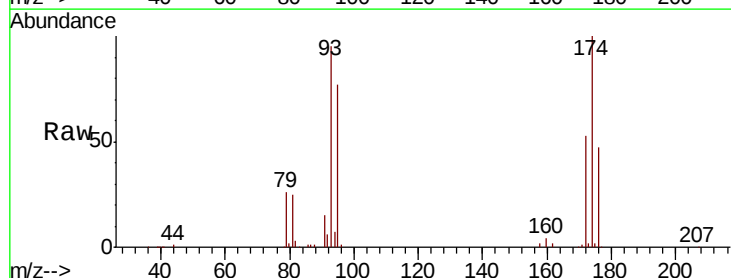
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

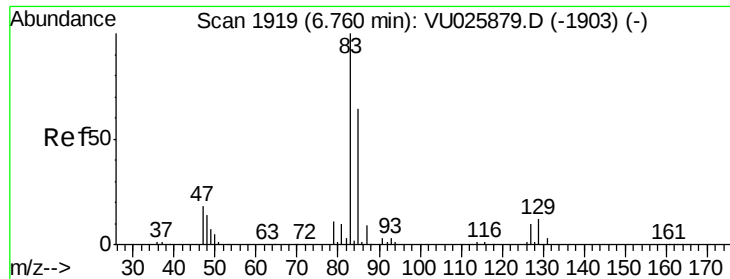
Tgt Ion: 63 Resp: 115437
 Ion Ratio Lower Upper
 63 100
 65 32.0 26.1 39.1



#46
 Dibromomethane
 Concen: 53.179 ug/l
 RT: 6.56 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 93 Resp: 82061
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.6 100.0
 174 105.9 85.8 128.8





#47

Bromodichloromethane

Concen: 55.898 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

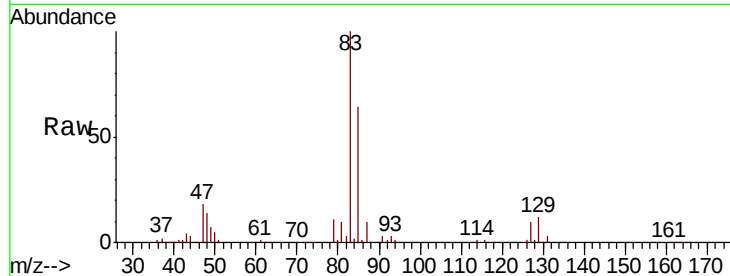
Tgt Ion: 83 Resp: 164535

Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

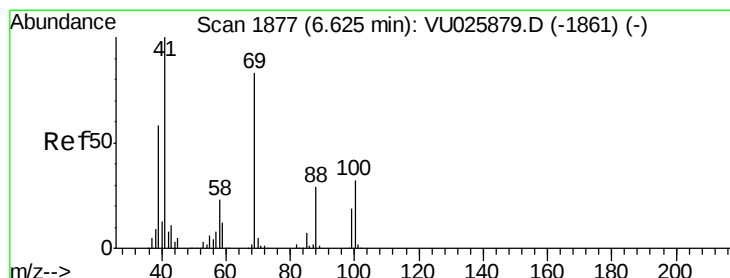
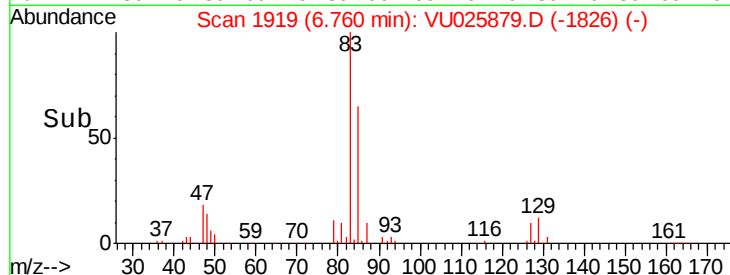
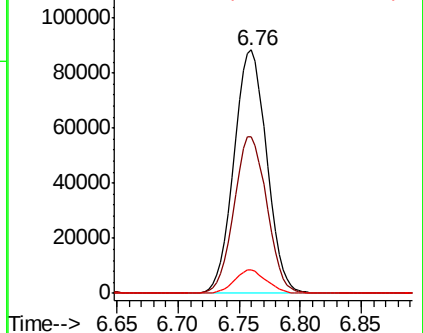
127 9.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU025879.D (-1903) (-)

Ion 84.90 (84.60 to 85.60): VU025879.D (-1903) (-)

Ion 126.80 (126.50 to 127.50): VU025879.D (-1903) (-)



#48

Methyl methacrylate

Concen: 53.332 ug/l

RT: 6.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

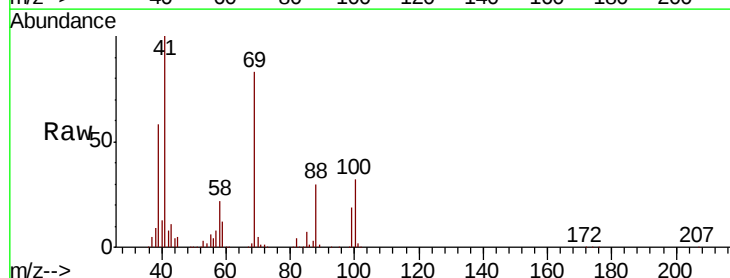
Tgt Ion: 41 Resp: 125117

Ion Ratio Lower Upper

41 100

69 83.2 65.0 97.4

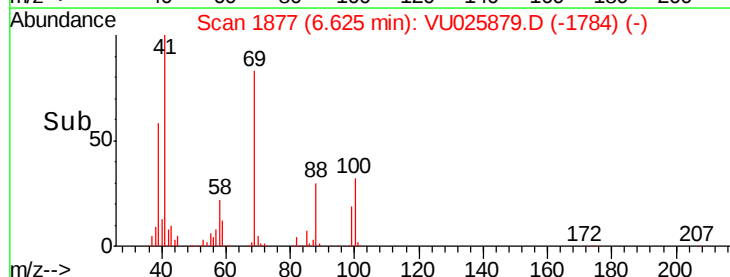
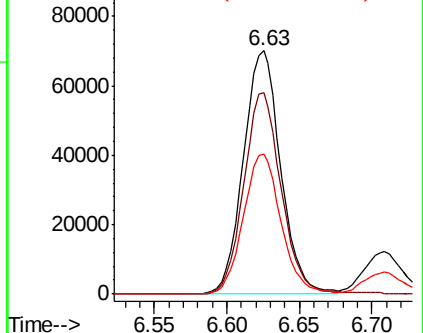
39 58.3 46.4 69.6

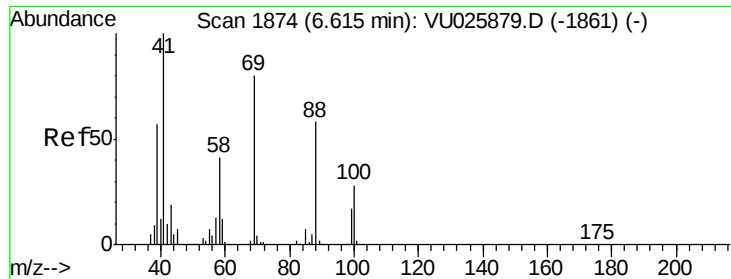


Abundance Ion 41.00 (40.70 to 41.70): VU025879.D (-1861) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1861) (-)

Ion 39.00 (38.70 to 39.70): VU025879.D (-1861) (-)





#49

1,4-Dioxane

Concen: 1051.276 ug/l

RT: 6.62 min Scan# 1874

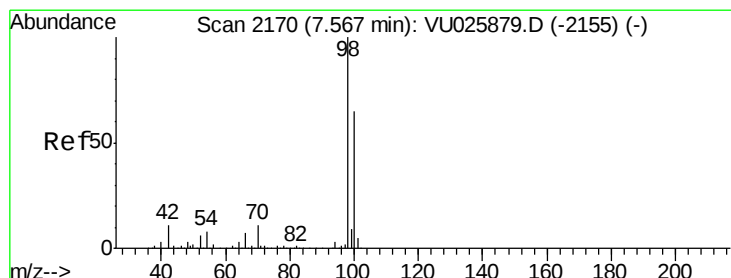
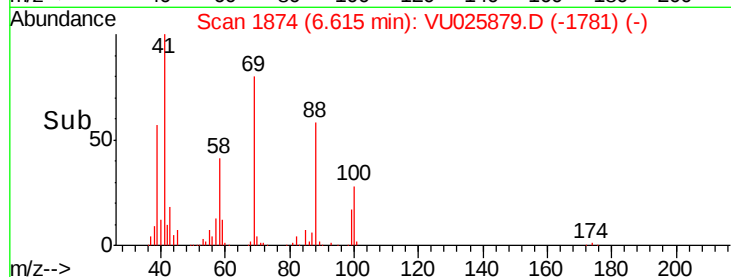
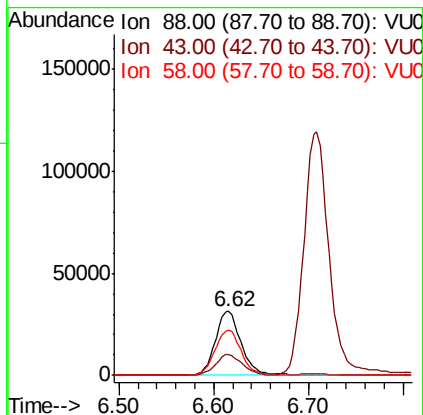
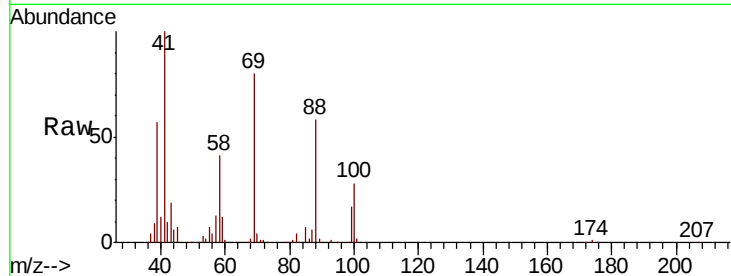
Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 60017
Ion Ratio Lower Upper
88 100
43 33.1 27.3 40.9
58 71.0 57.6 86.4



#50

Toluene-d8

Concen: 52.460 ug/l

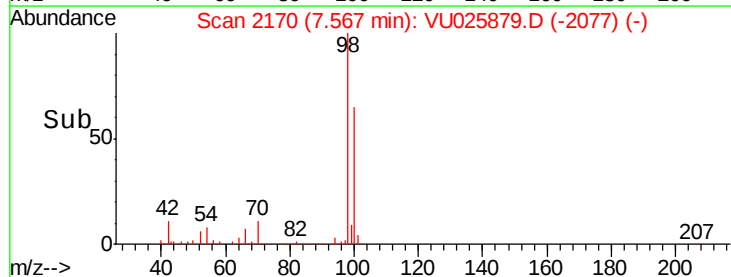
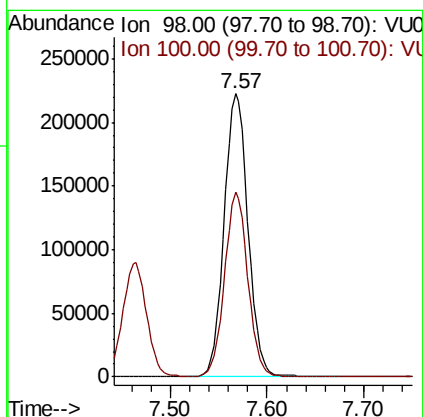
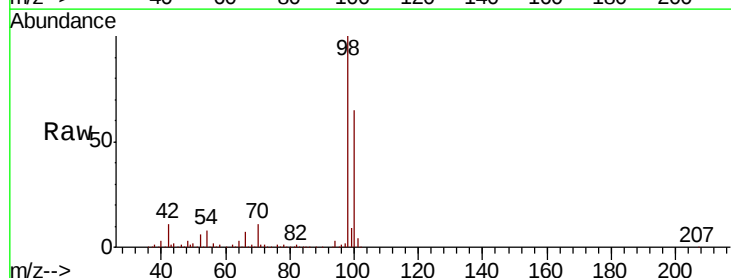
RT: 7.57 min Scan# 2170

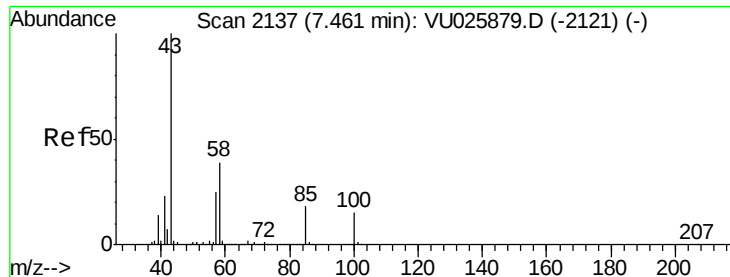
Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Tgt Ion: 98 Resp: 381668
Ion Ratio Lower Upper
98 100
100 63.1 51.1 76.7

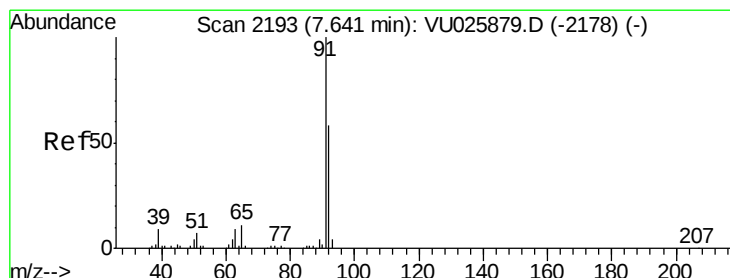
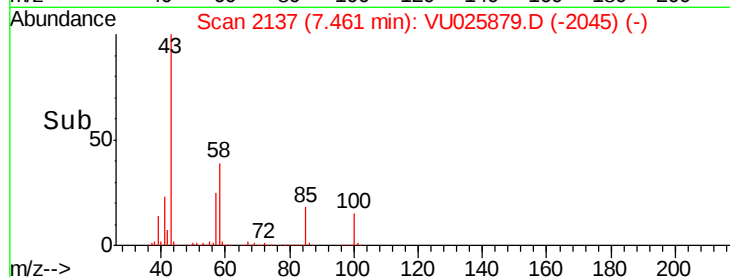
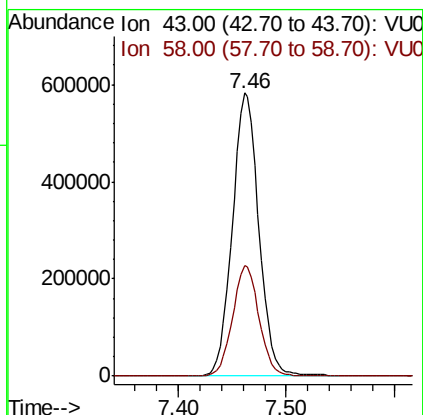
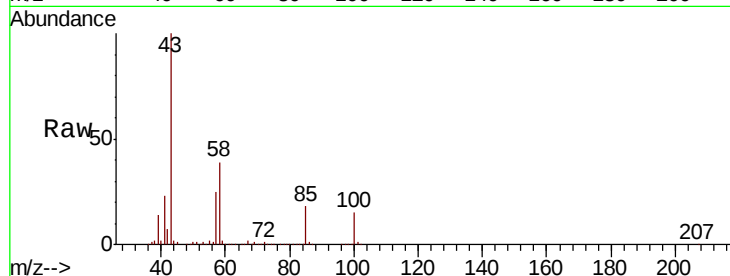




#51
 4-Methyl-2-Pentanone
 Concen: 333.835 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

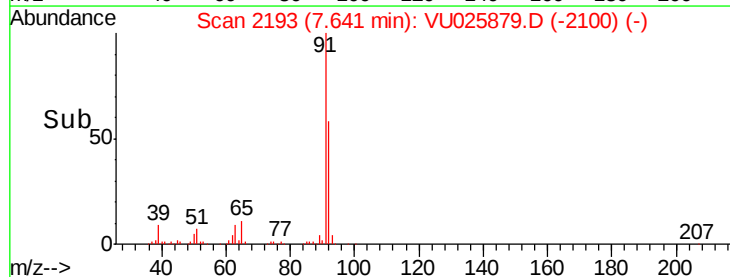
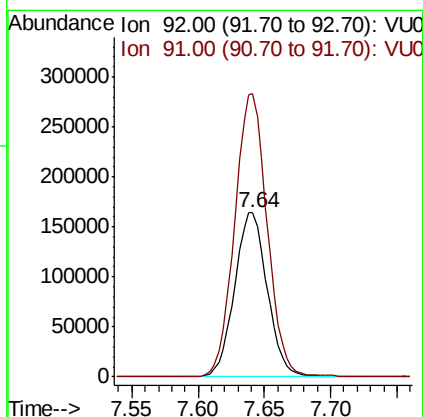
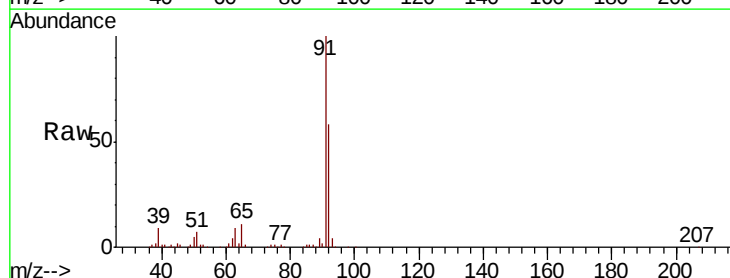
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

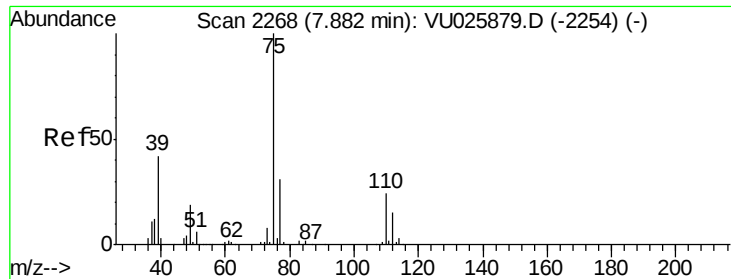
Tgt Ion: 43 Resp: 1000425
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.0 46.4



#52
 Toluene
 Concen: 55.320 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 92 Resp: 280639
 Ion Ratio Lower Upper
 92 100
 91 172.2 139.2 208.8

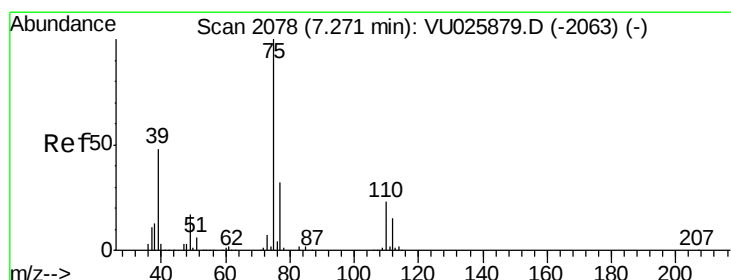
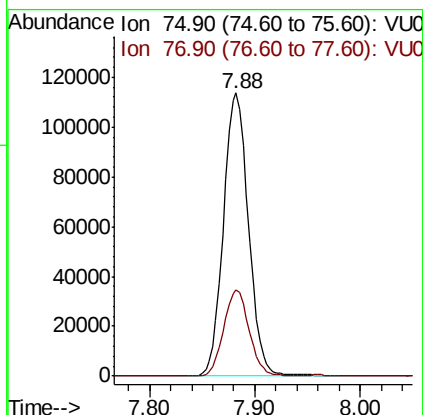
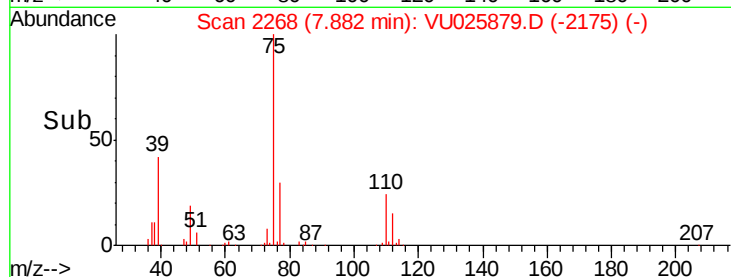
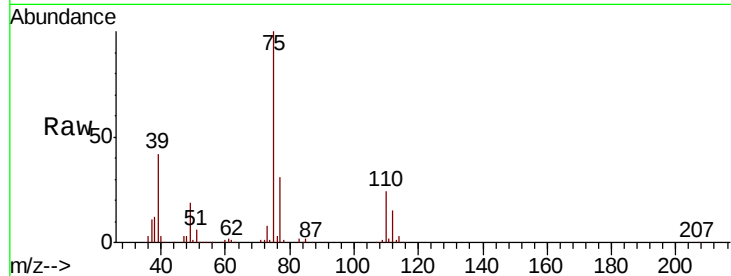




#53
 t-1,3-Dichloropropene
 Concen: 56.591 ug/l
 RT: 7.88 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

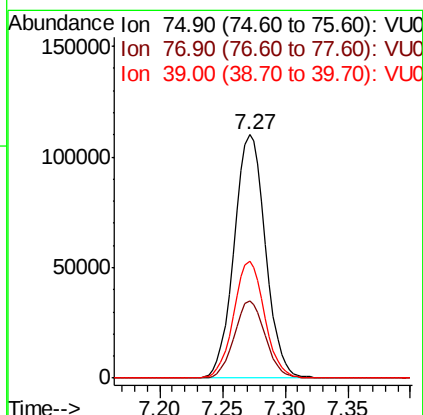
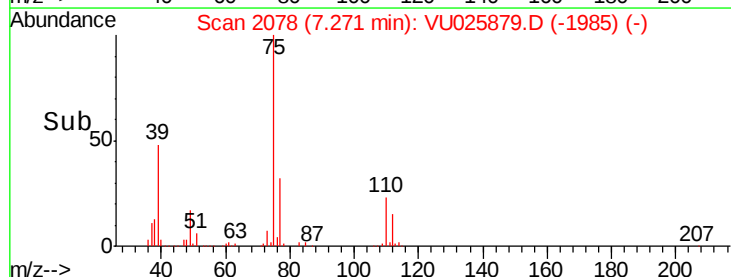
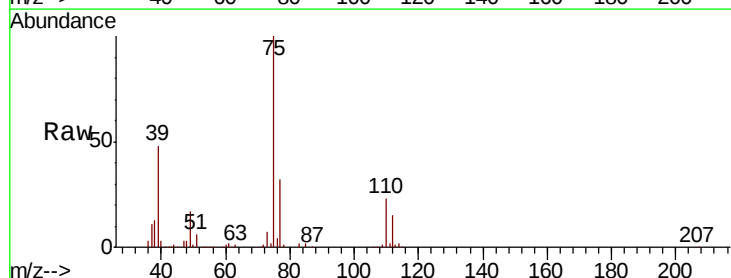
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

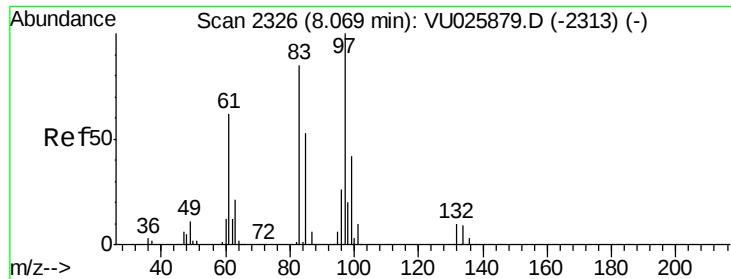
Tgt Ion: 75 Resp: 187036
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 56.423 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 75 Resp: 191556
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 47.8 40.0 60.0

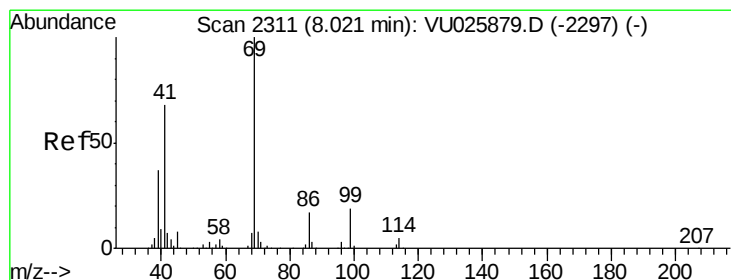
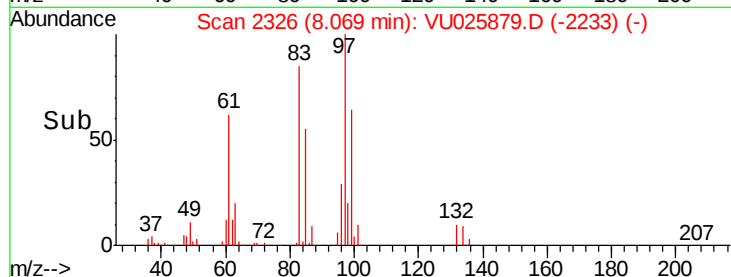
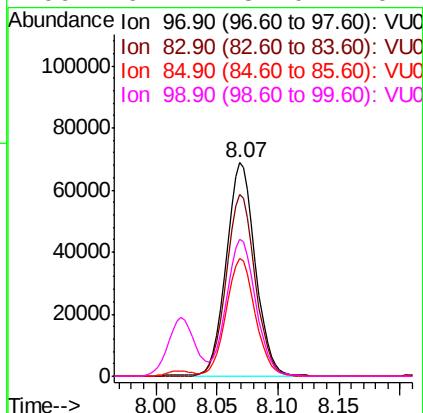
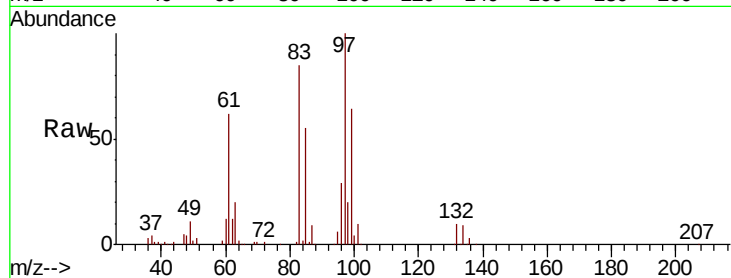




#55
 1,1,2-Trichloroethane
 Concen: 54.578 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

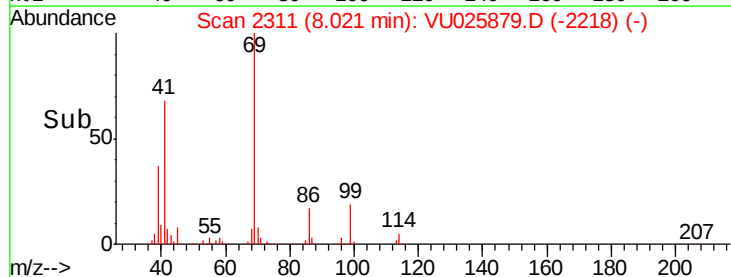
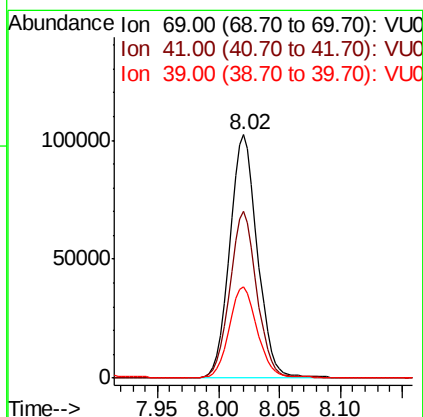
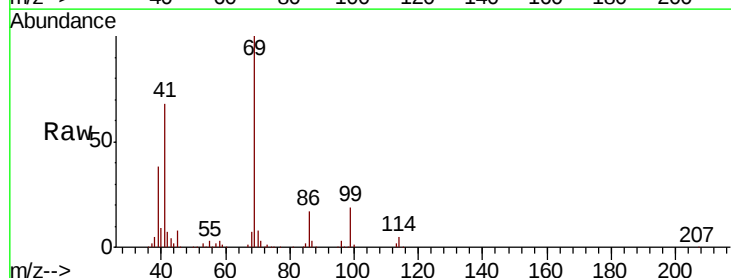
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

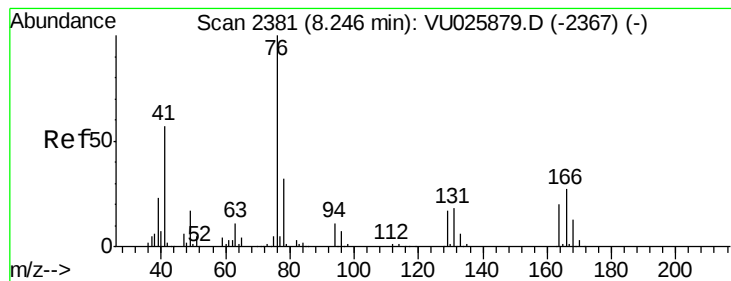
Tgt Ion:	97	Resp:	115063
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.9	103.3
85	55.0	44.4	66.6
99	64.1	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 53.850 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion:	69	Resp:	162209
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.8	82.2
39	38.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 54.673 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

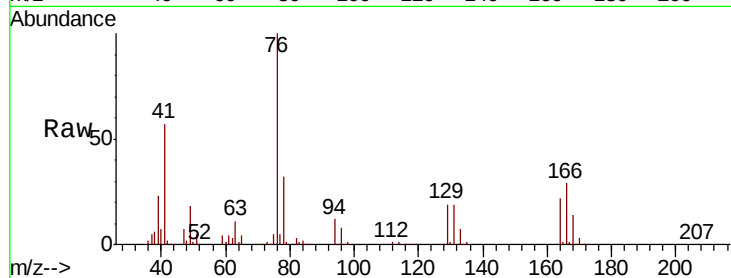
VSTDCCC050

Tgt Ion: 76 Resp: 193838

Ion Ratio Lower Upper

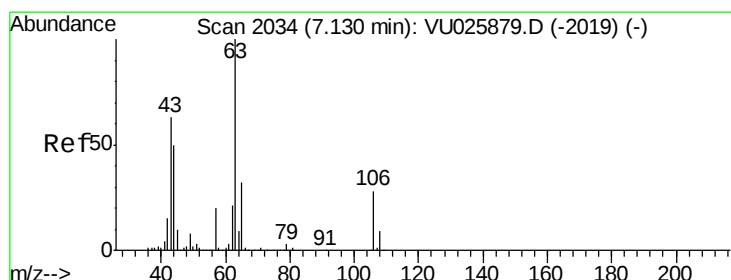
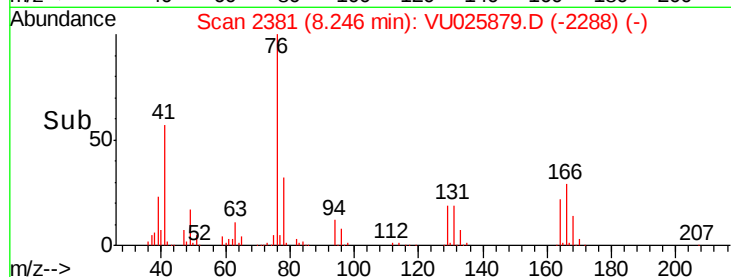
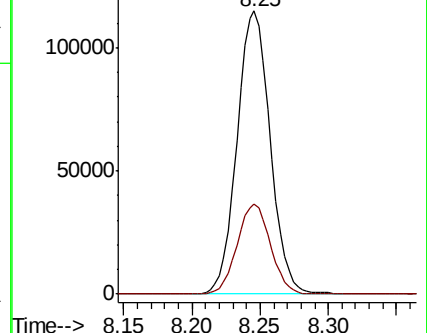
76 100

78 31.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 234.276 ug/l

RT: 7.13 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU025879.D

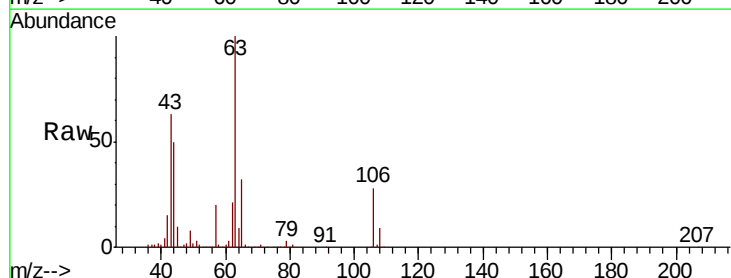
Acq: 06 Aug 2018 11:53

Tgt Ion: 63 Resp: 318939

Ion Ratio Lower Upper

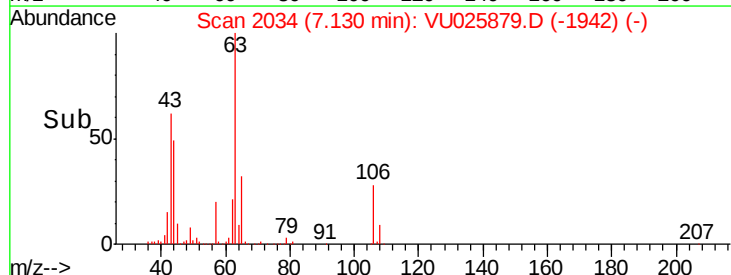
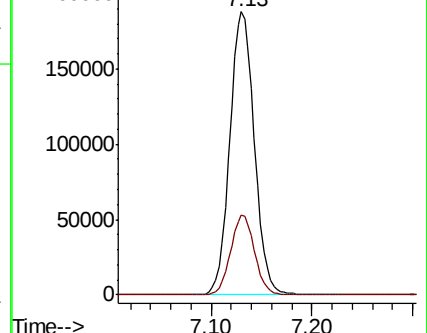
63 100

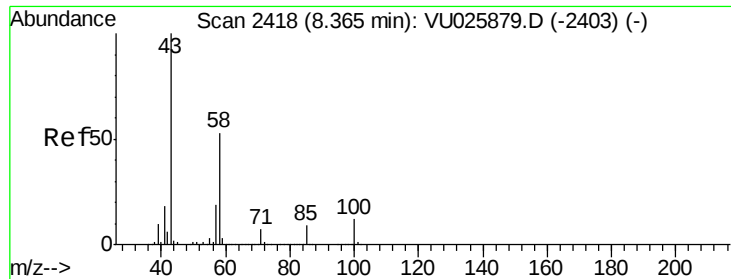
106 27.7 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

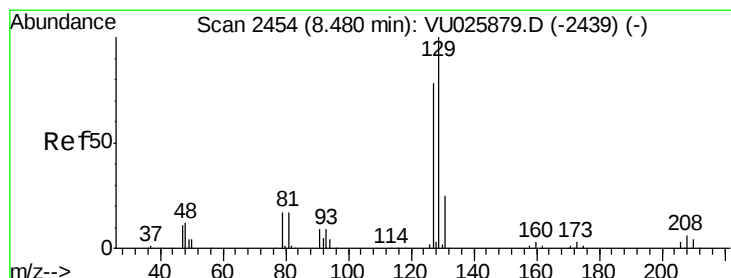
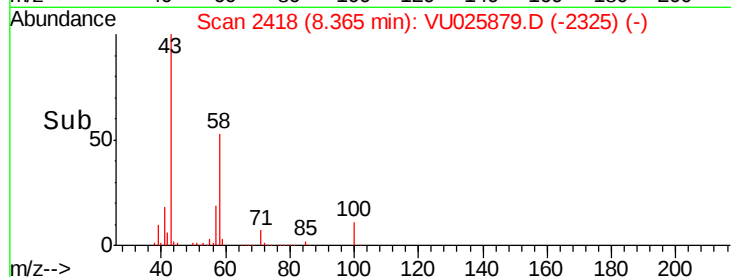
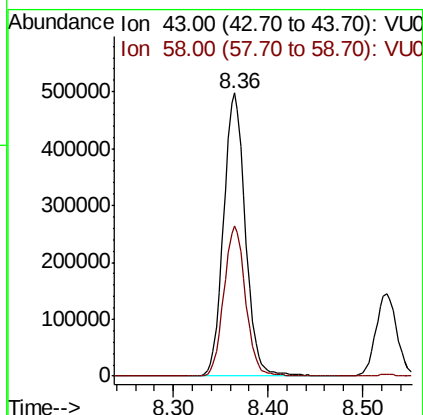
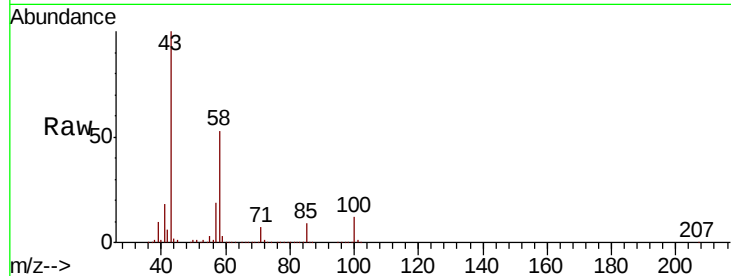




#59
2-Hexanone
Concen: 339.551 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

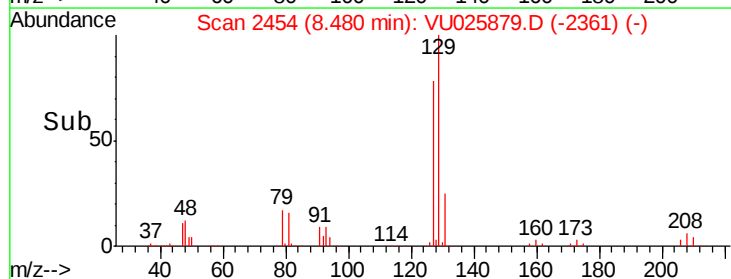
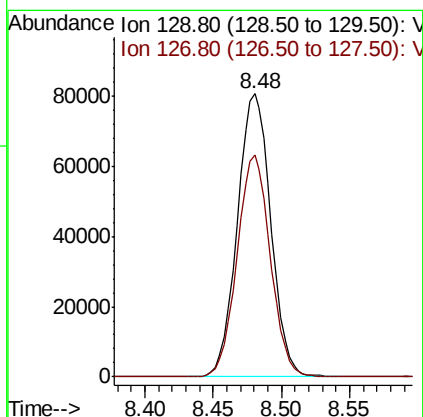
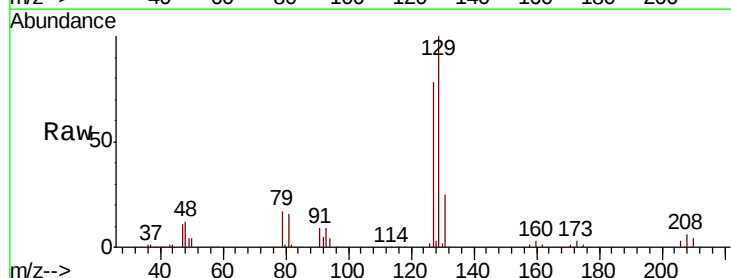
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

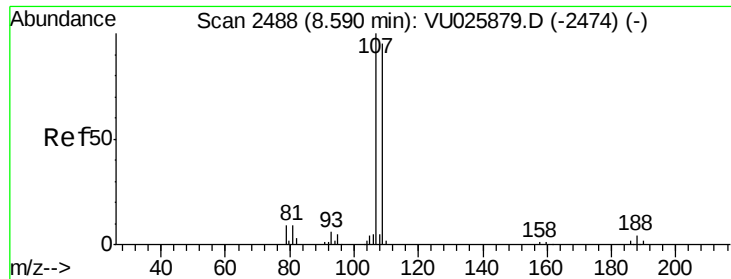
Tgt Ion: 43 Resp: 797640
Ion Ratio Lower Upper
43 100
58 52.9 26.2 78.5



#60
Dibromochloromethane
Concen: 55.209 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 129 Resp: 137258
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.073 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

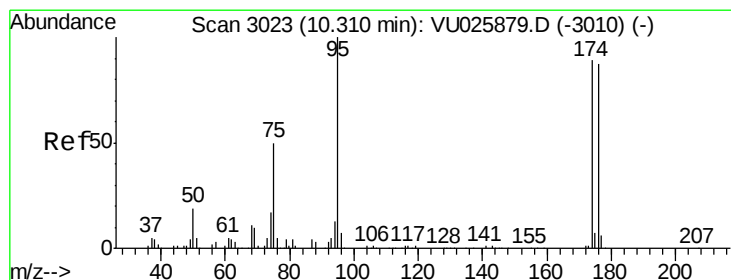
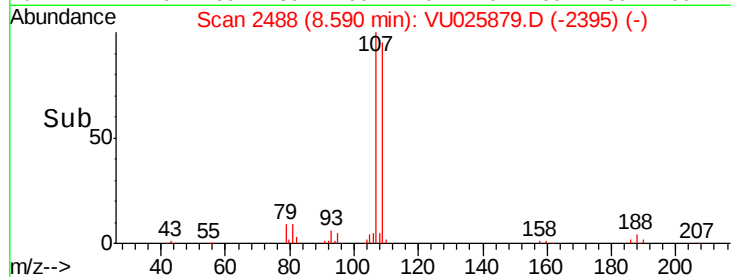
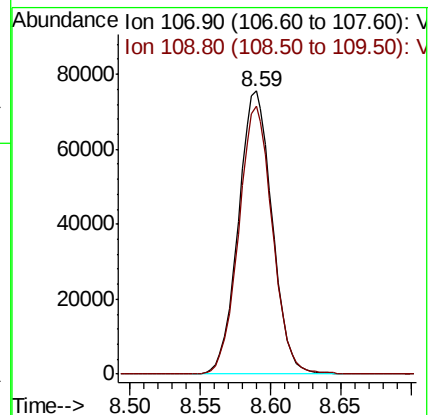
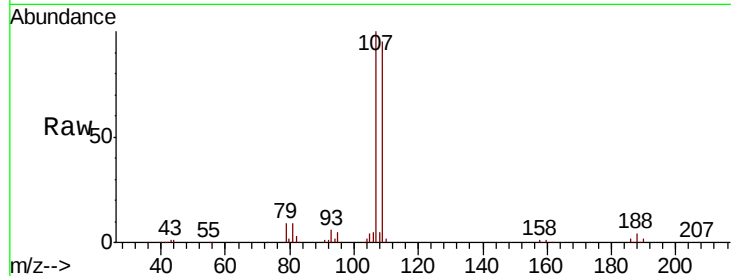
VSTDCCC050

Tgt Ion: 107 Resp: 126782

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 51.673 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

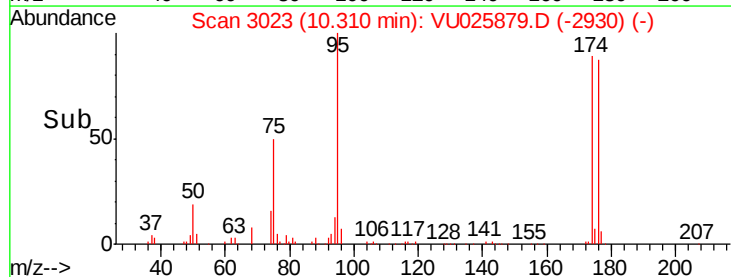
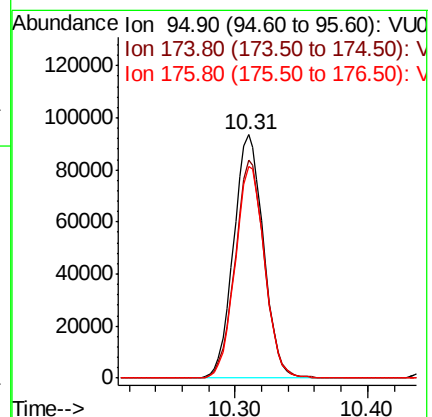
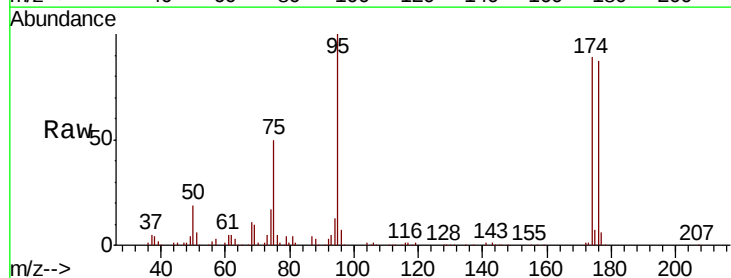
Tgt Ion: 95 Resp: 145917

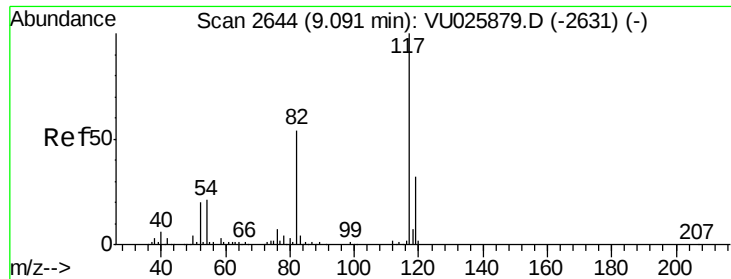
Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.2

176 86.0 0.0 162.6

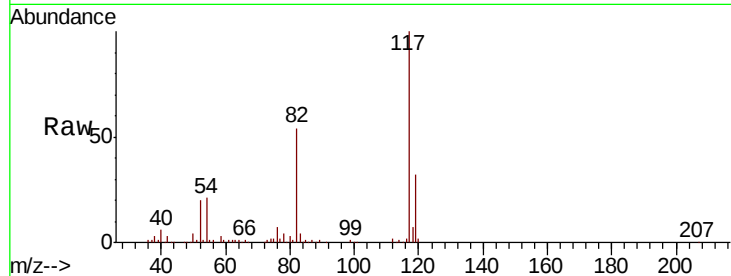




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	46.0	69.0
119	32.2	26.0	39.0

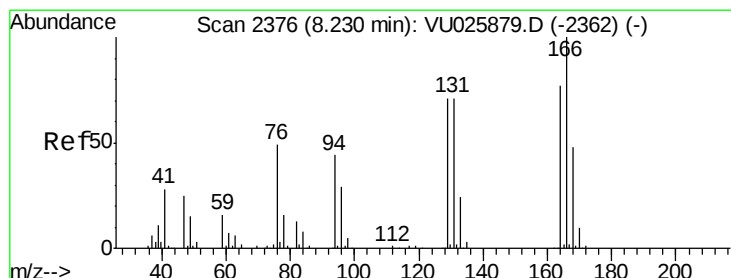
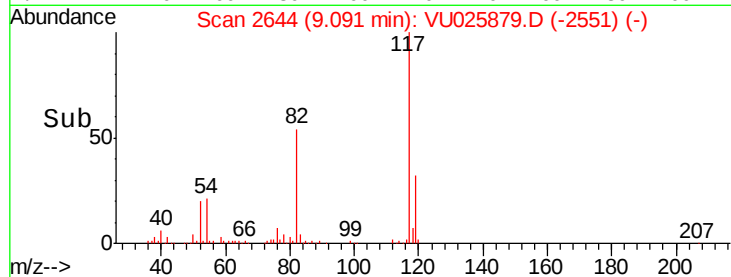
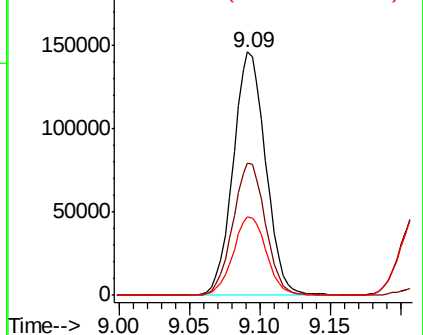


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 53.730 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.1	151.7
129	91.2	73.0	109.6
131	91.4	72.1	108.1

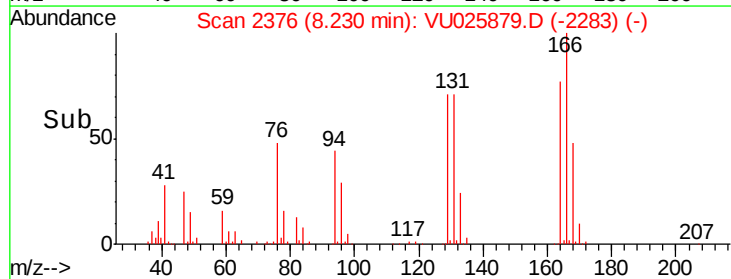
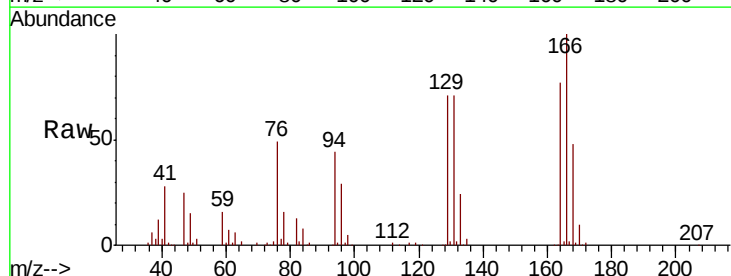
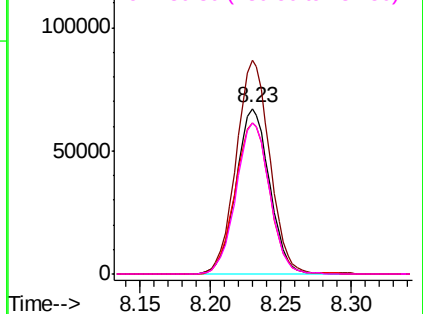
Abundance

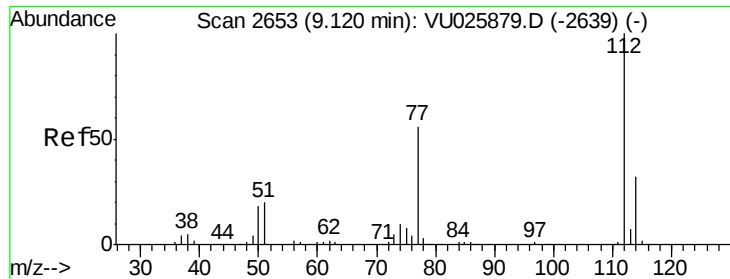
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

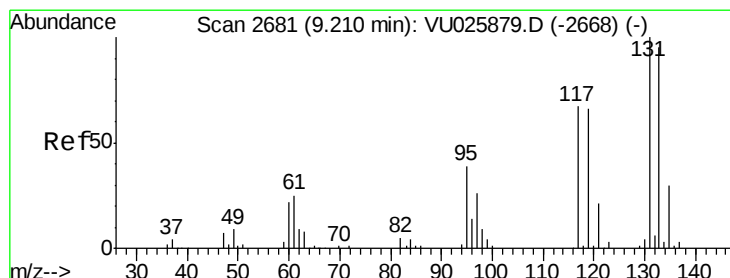
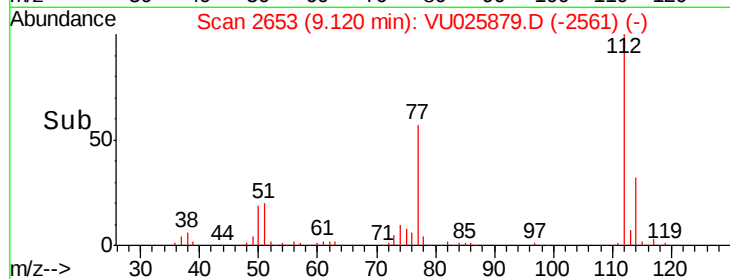
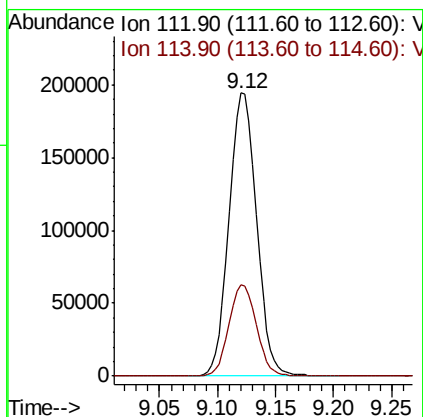
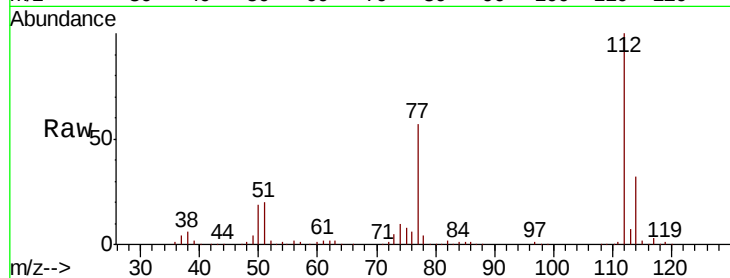




#65
Chlorobenzene
Concen: 52.387 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

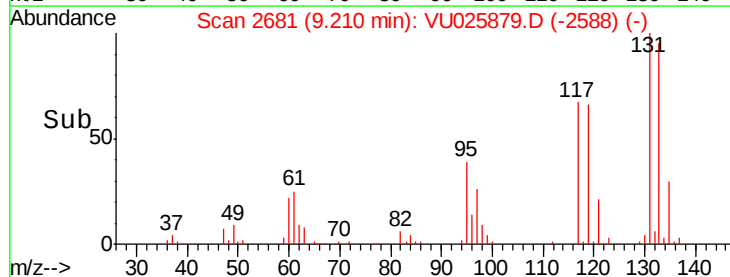
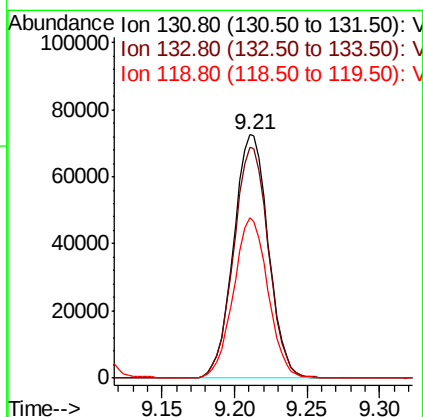
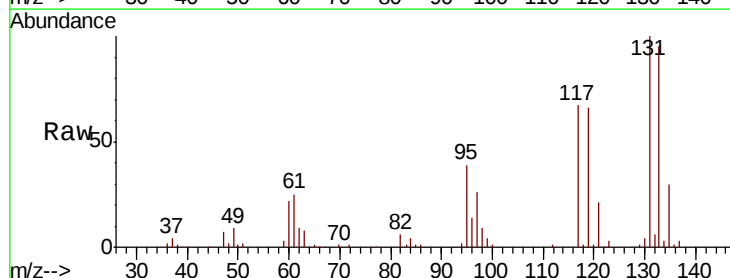
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

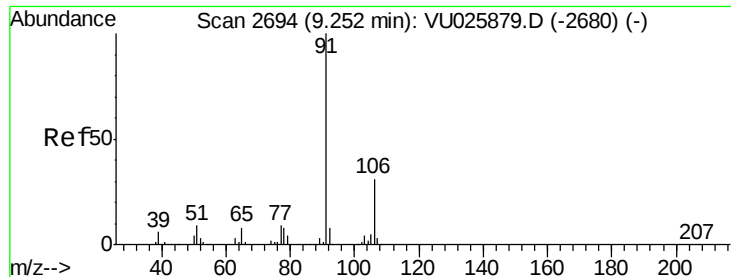
Tgt Ion:112 Resp: 319627
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.687 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion:131 Resp: 120703
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 65.4 31.6 95.0

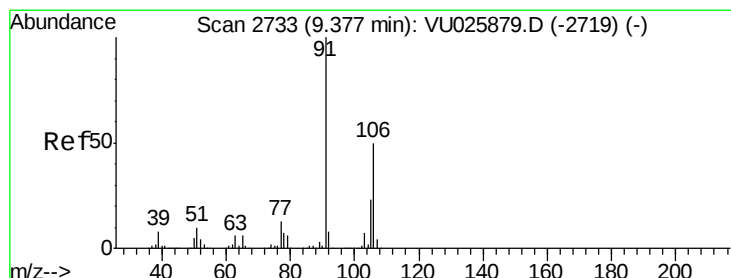
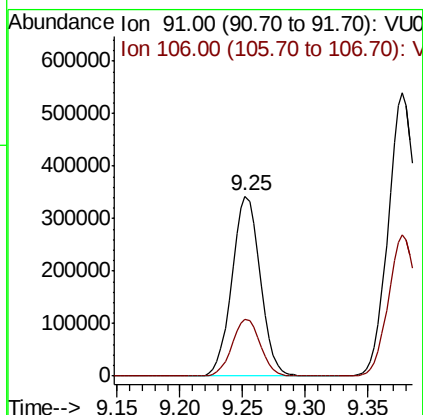
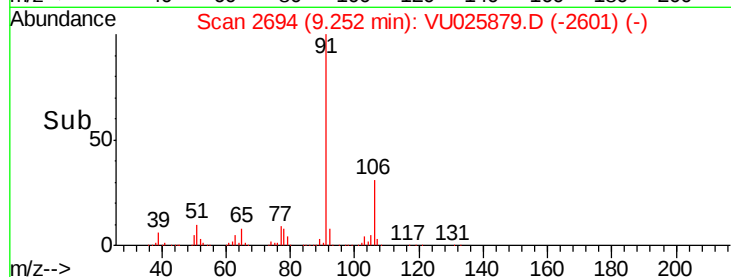
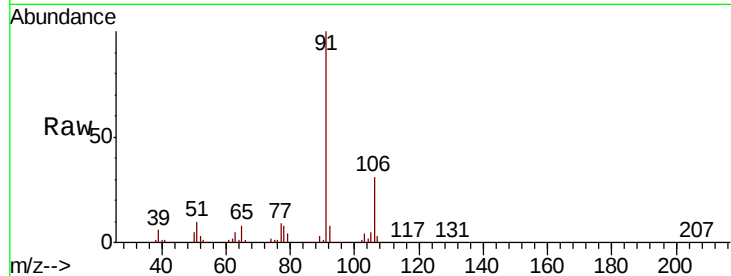




#67
 Ethyl Benzene
 Concen: 53.323 ug/l
 RT: 9.25 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

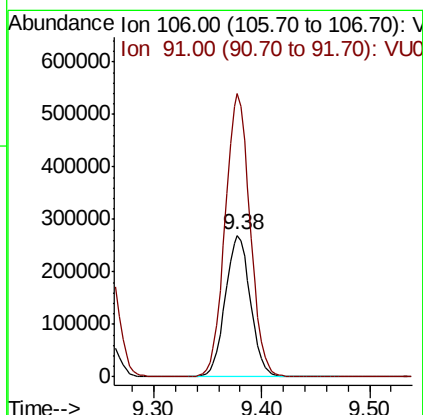
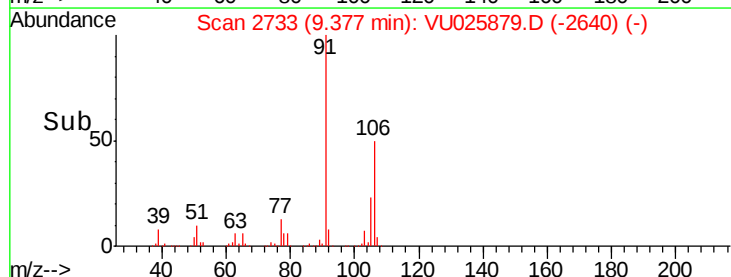
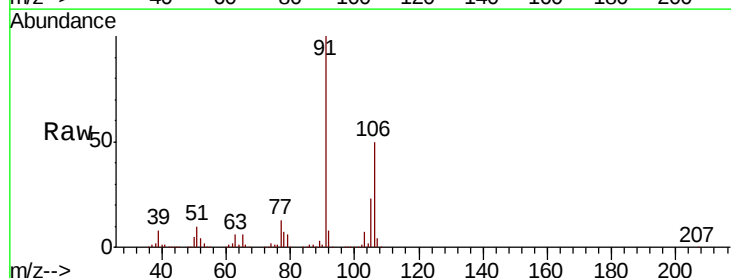
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

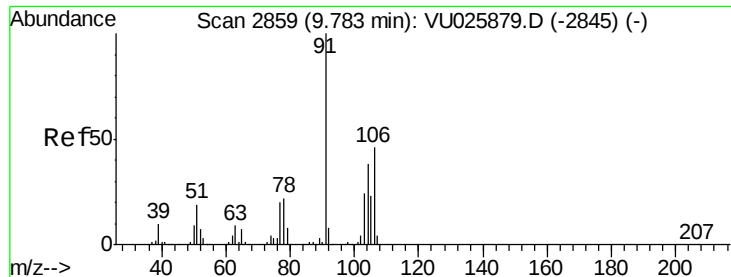
Tgt Ion: 91 Resp: 538904
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.3 37.9



#68
 m/p-Xylenes
 Concen: 112.468 ug/l
 RT: 9.38 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion: 106 Resp: 436385
 Ion Ratio Lower Upper
 106 100
 91 199.5 162.3 243.5

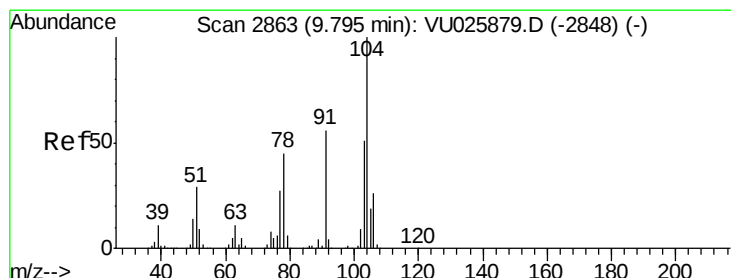
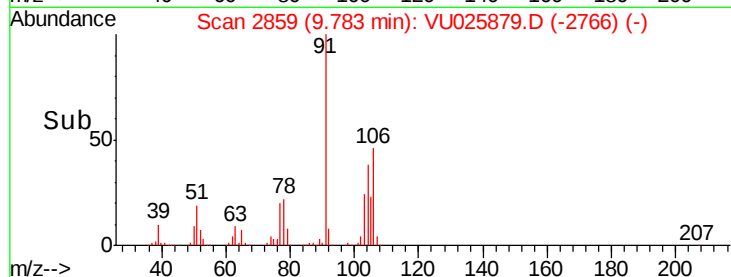
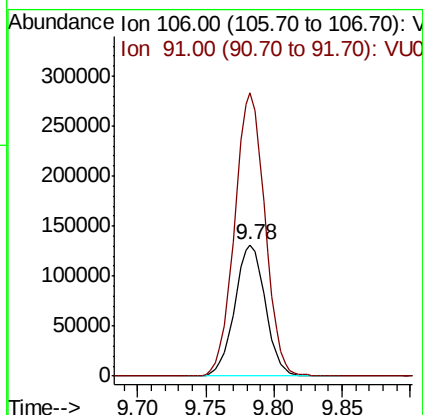
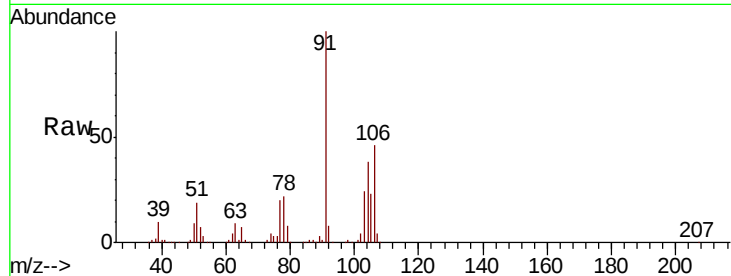




#69
o-Xylene
Concen: 53.700 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

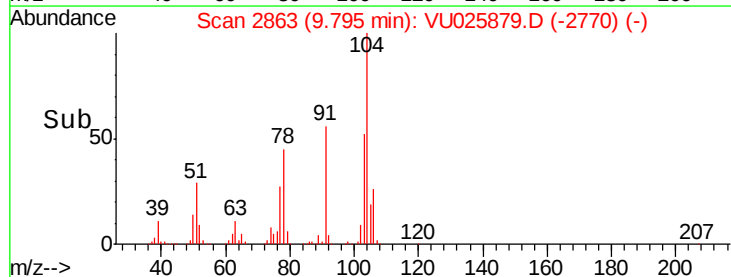
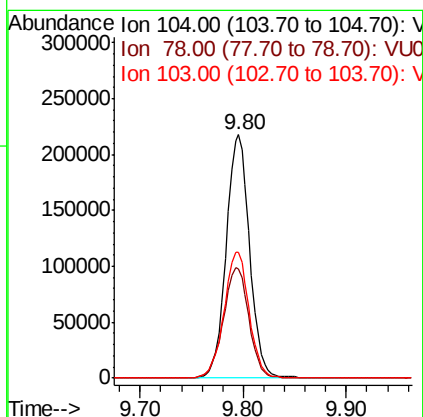
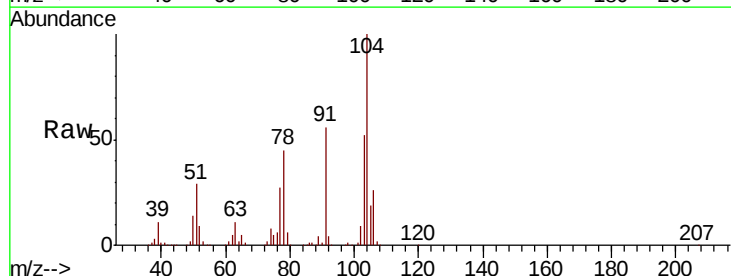
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

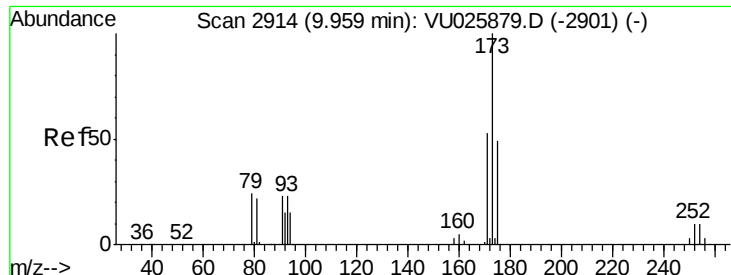
Tgt Ion:106 Resp: 203638
Ion Ratio Lower Upper
106 100
91 215.1 105.3 315.8



#70
Styrene
Concen: 56.107 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion:104 Resp: 343673
Ion Ratio Lower Upper
104 100
78 49.6 41.6 62.4
103 55.3 44.6 66.8





#71

Bromoform

Concen: 55.715 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

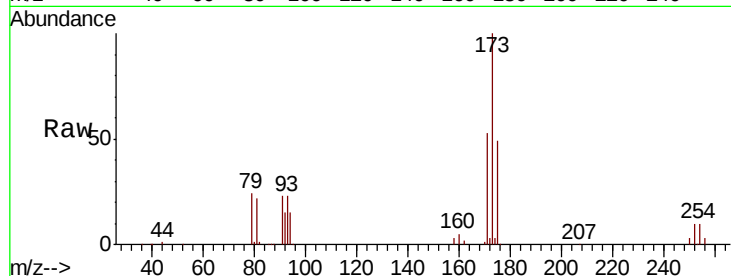
Tgt Ion:173 Resp: 106629

Ion Ratio Lower Upper

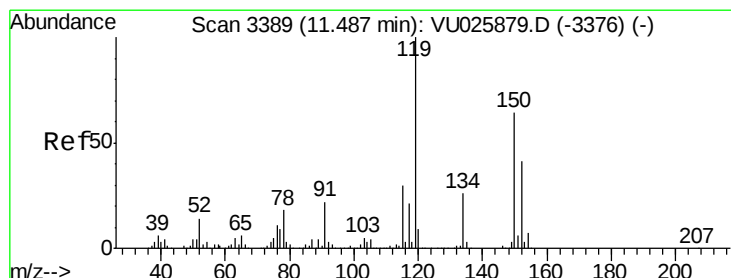
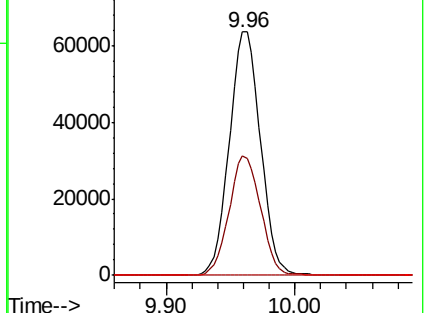
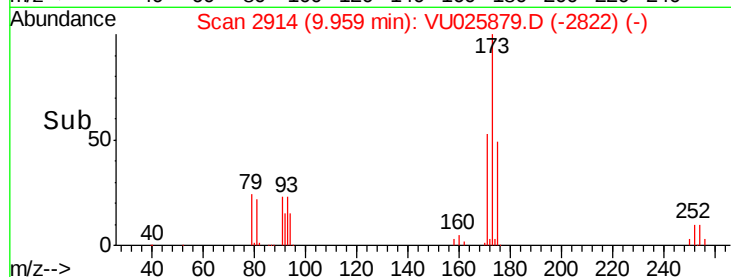
173 100

175 49.3 24.0 72.0

254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

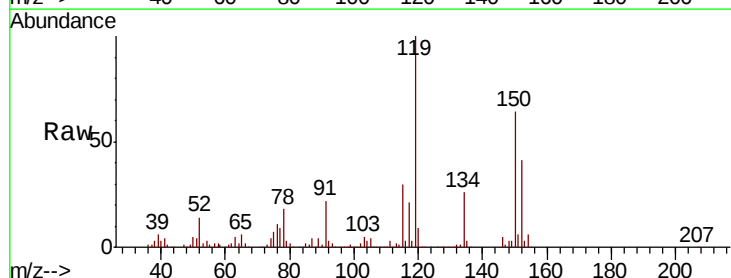
Tgt Ion:152 Resp: 157110

Ion Ratio Lower Upper

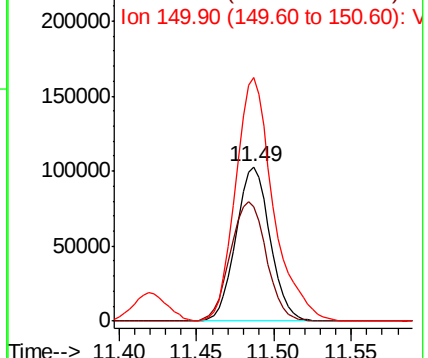
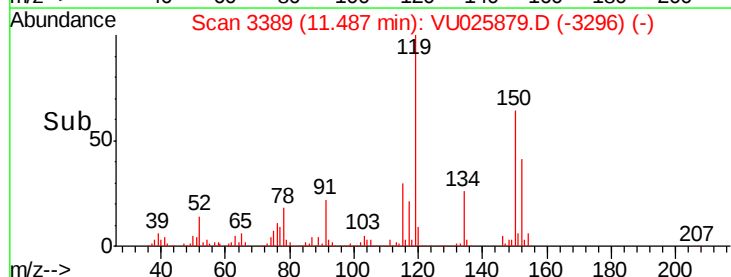
152 100

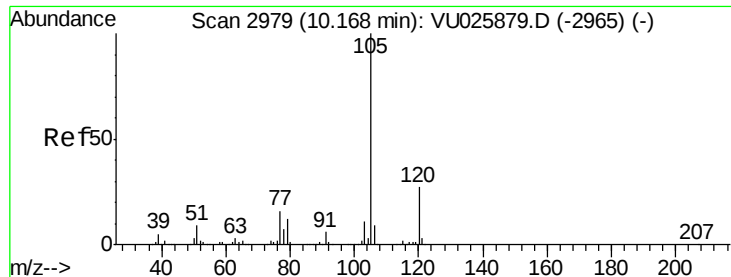
115 81.8 40.1 120.3

150 174.7 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.929 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

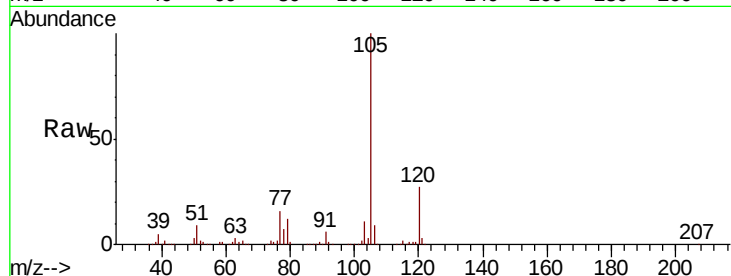
VSTDCCC050

Tgt Ion: 105 Resp: 556835

Ion Ratio Lower Upper

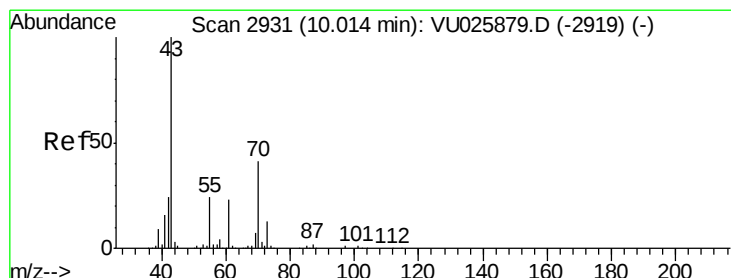
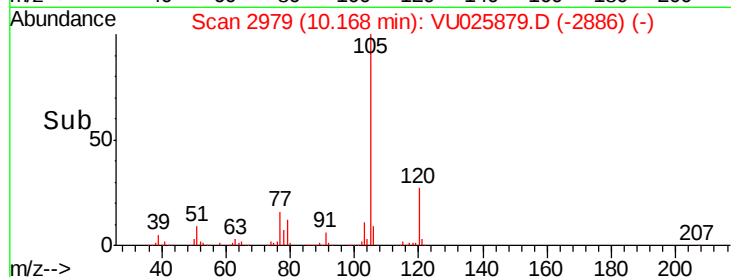
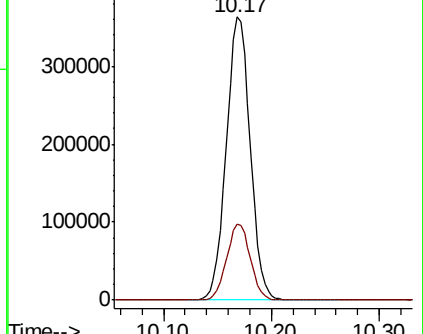
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.361 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Tgt Ion: 43 Resp: 229216

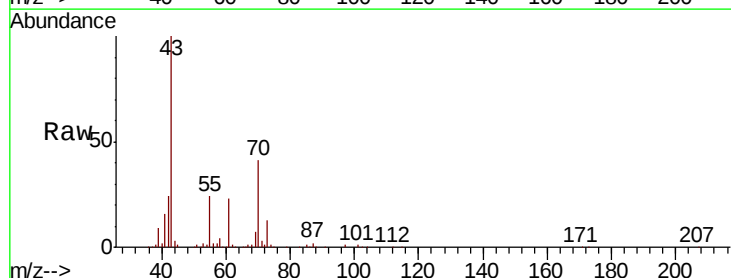
Ion Ratio Lower Upper

43 100

70 41.3 33.4 50.2

55 24.3 19.0 28.6

61 23.1 19.3 28.9

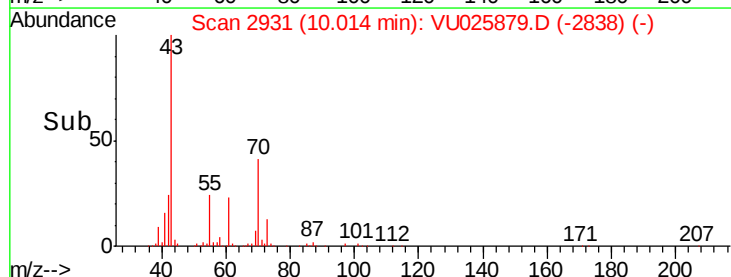
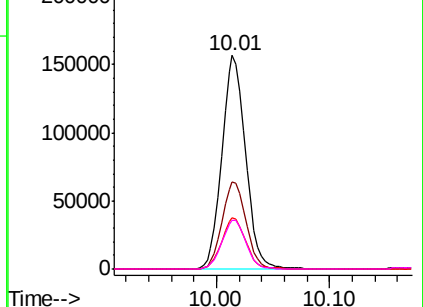


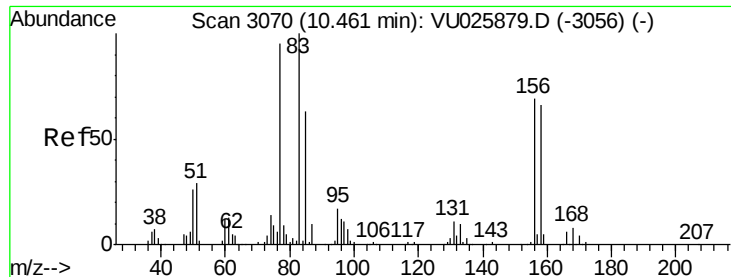
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.670 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

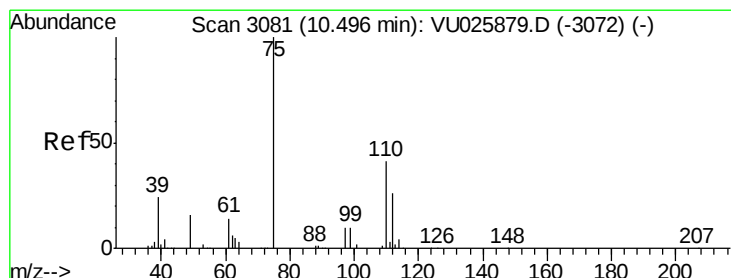
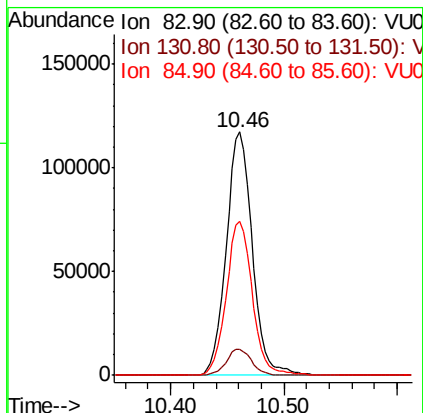
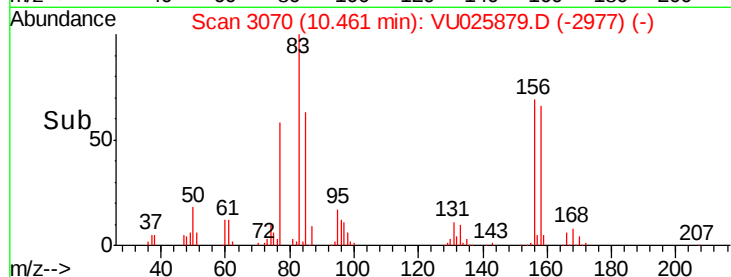
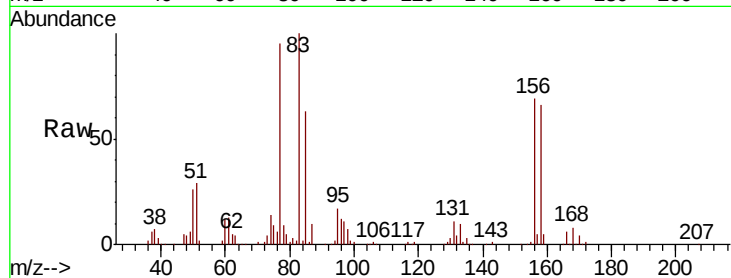
Tgt Ion: 83 Resp: 187895

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

85 63.6 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 64.436 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU025879.D

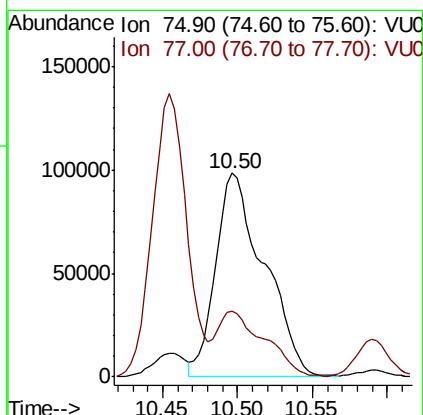
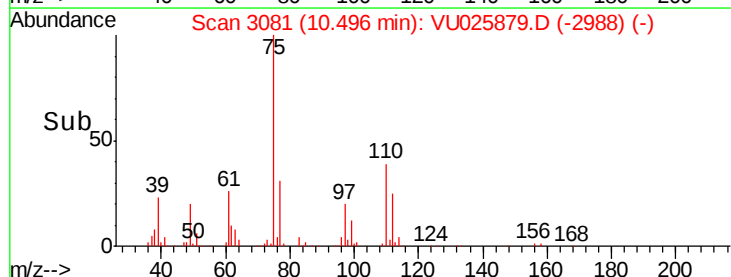
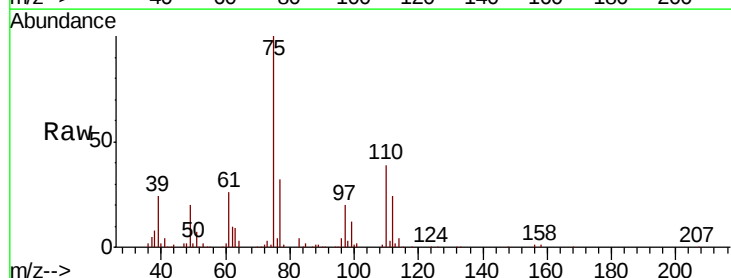
Acq: 06 Aug 2018 11:53

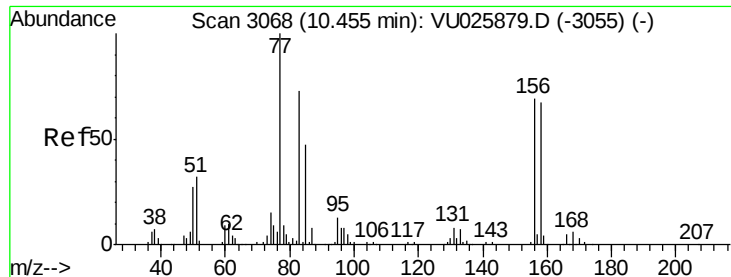
Tgt Ion: 75 Resp: 223053

Ion Ratio Lower Upper

75 100

77 31.7 20.4 61.3





#77

Bromobenzene

Concen: 50.904 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

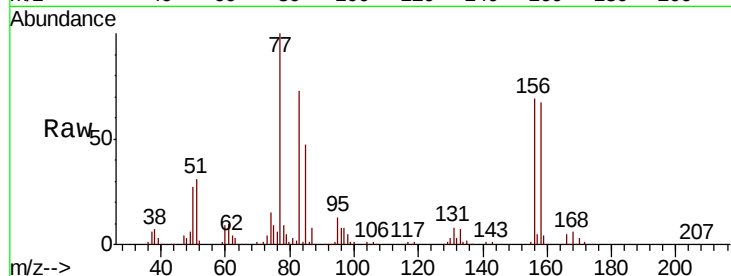
Tgt Ion: 156 Resp: 150560

Ion Ratio Lower Upper

156 100

77 144.6 73.8 221.4

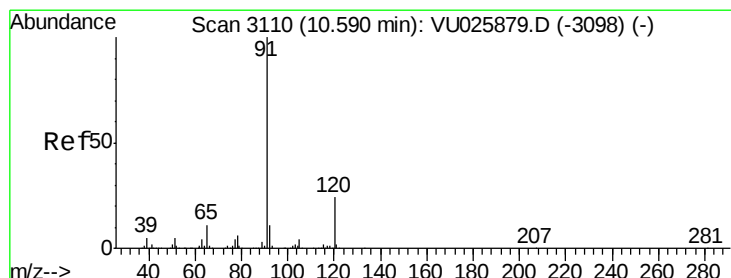
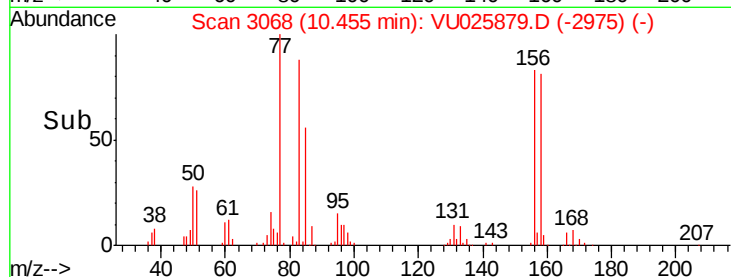
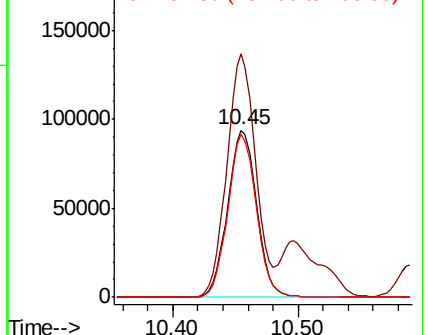
158 95.8 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.293 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025879.D

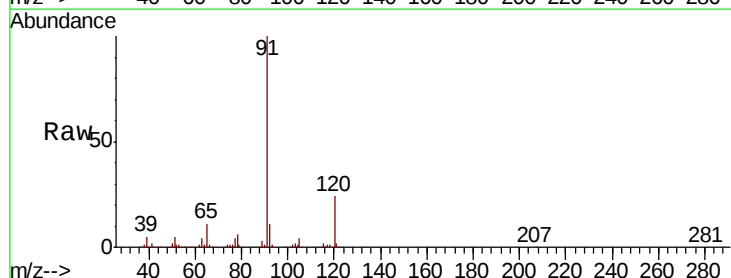
Acq: 06 Aug 2018 11:53

Tgt Ion: 91 Resp: 667001

Ion Ratio Lower Upper

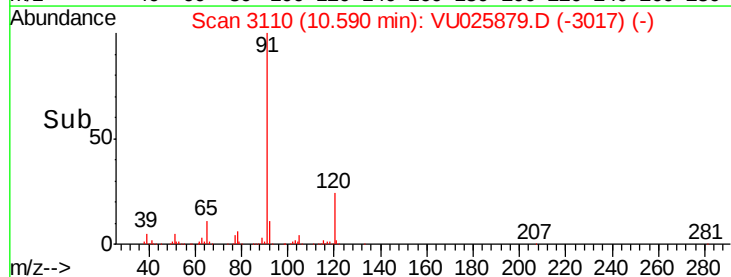
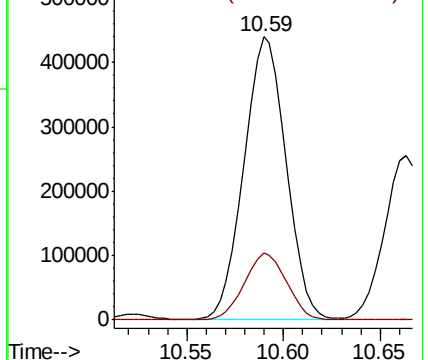
91 100

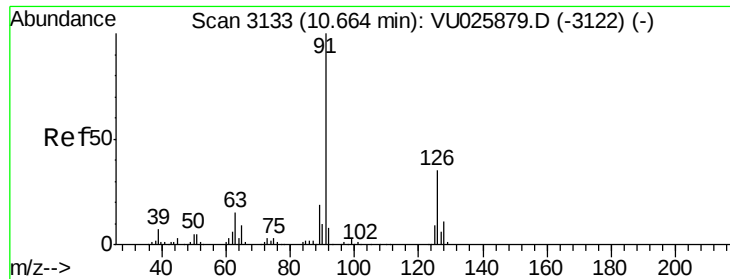
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.480 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

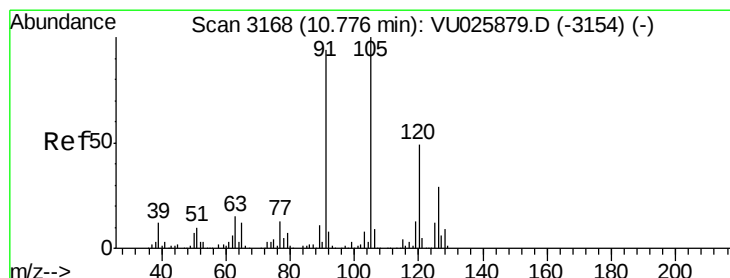
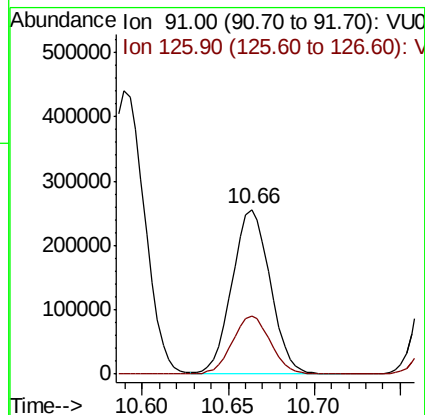
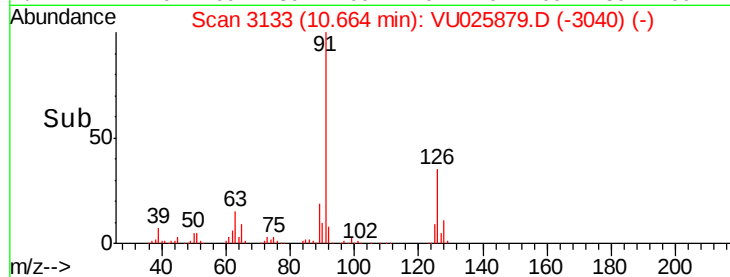
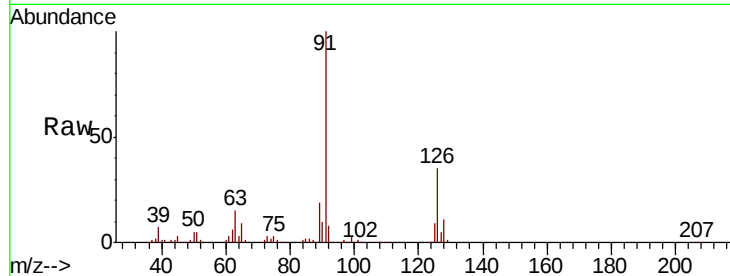
VSTDCCC050

Tgt Ion: 91 Resp: 392046

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 53.584 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025879.D

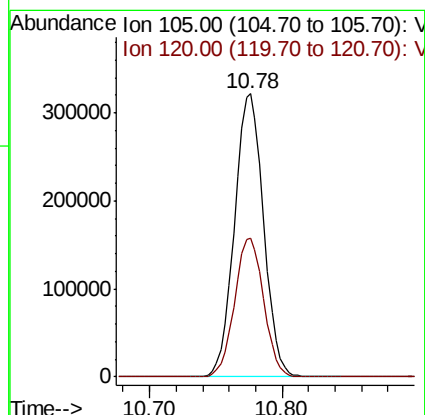
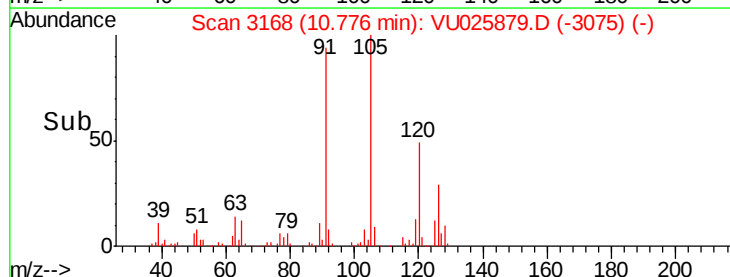
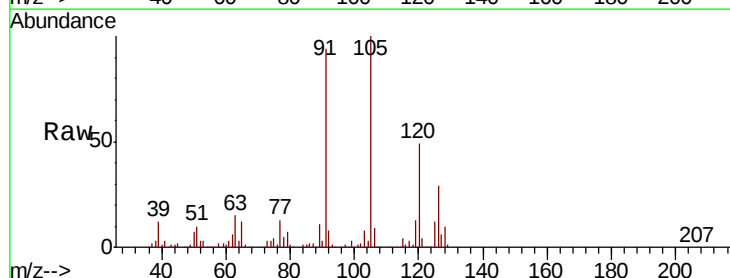
Acq: 06 Aug 2018 11:53

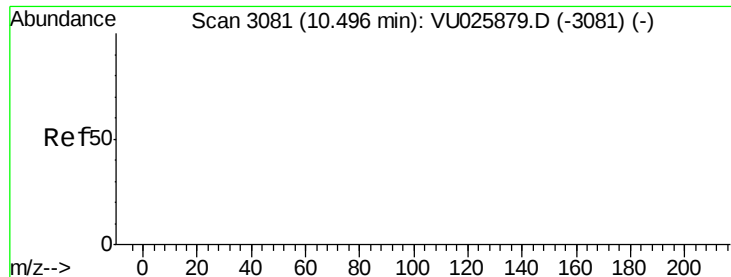
Tgt Ion: 105 Resp: 487981

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2

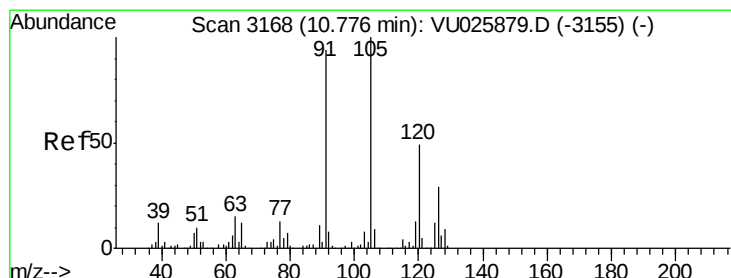
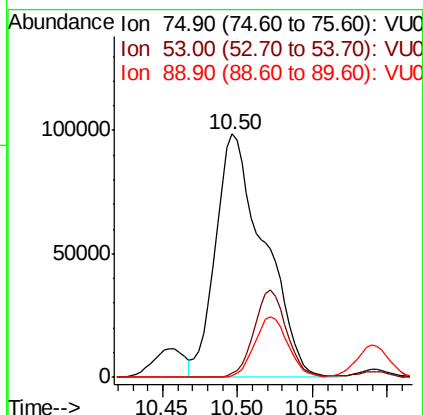
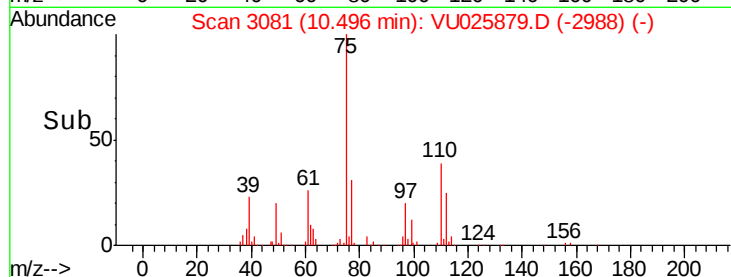
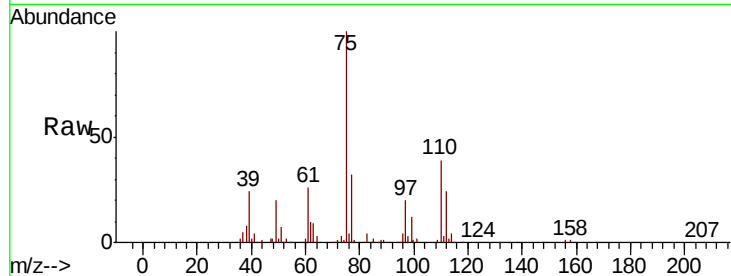




#81
trans-1,4-Dichloro-2-butene
Concen: 161.572 ug/l
RT: 10.50 min Scan# 3081
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

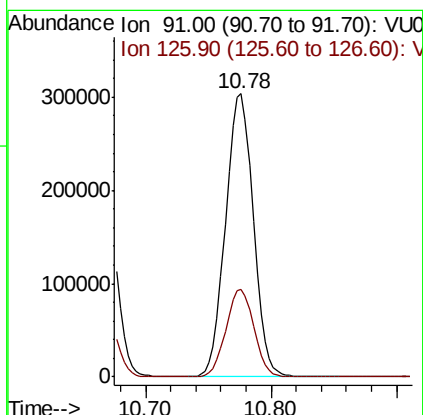
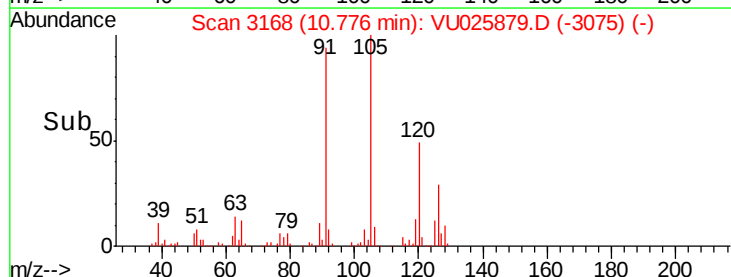
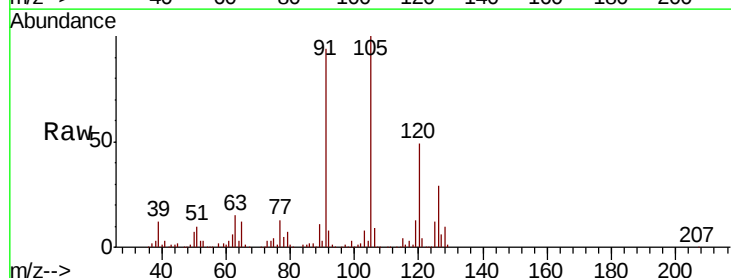
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

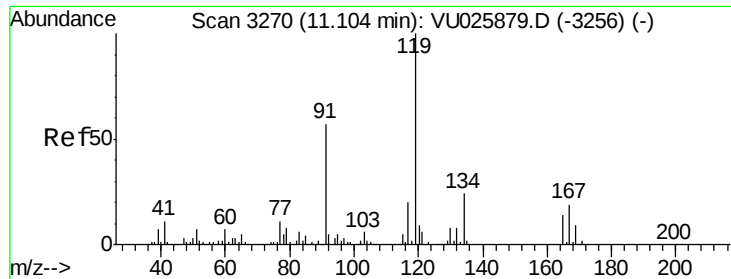
Tgt Ion: 75 Resp: 223053
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 53.852 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 91 Resp: 465341
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

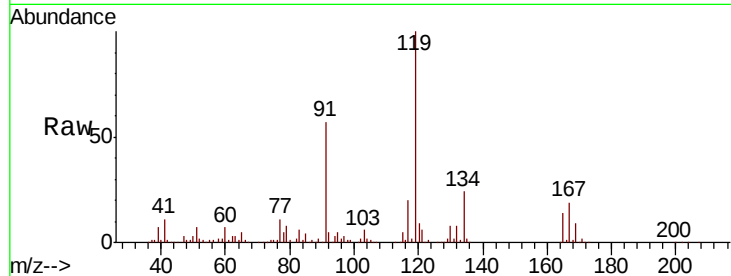




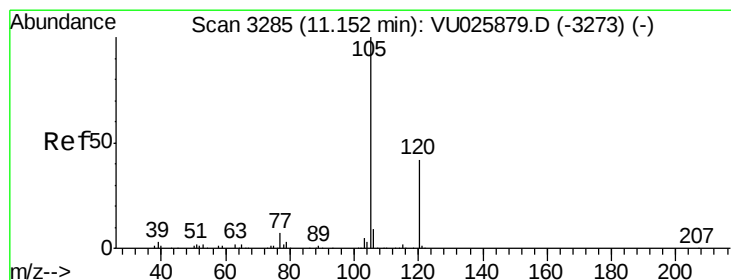
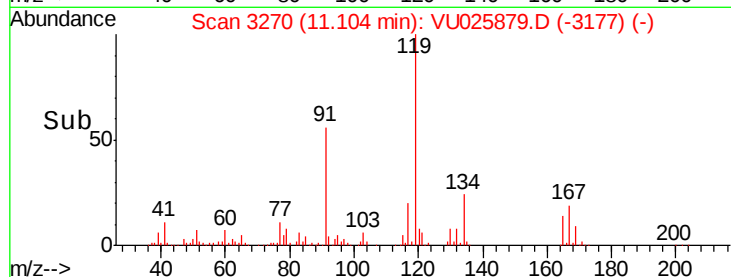
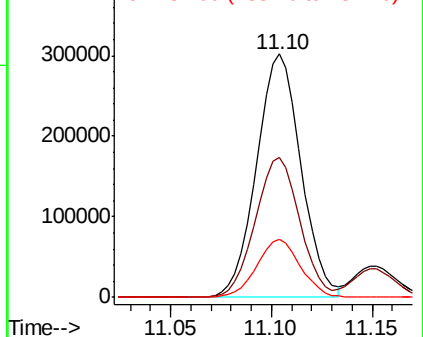
#83
 tert-Butylbenzene
 Concen: 51.321 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 464365
 Ion Ratio Lower Upper
 119 100
 91 57.4 29.7 89.1
 134 23.1 11.5 34.5

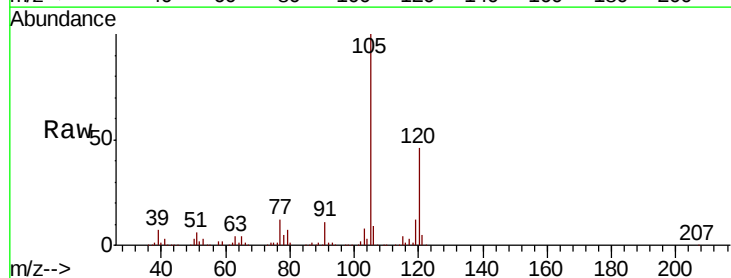


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

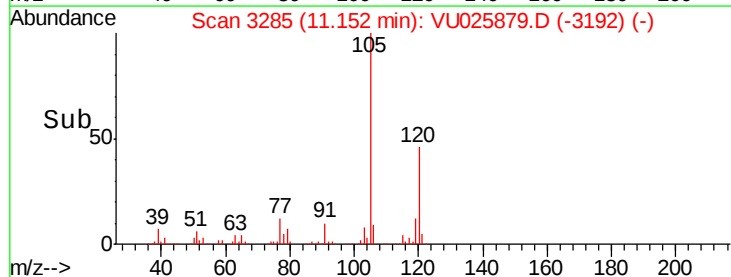
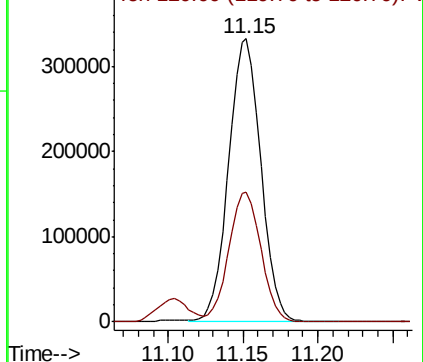


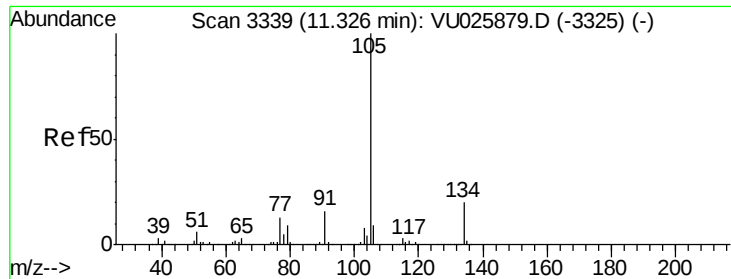
#84
 1,2,4-Trimethylbenzene
 Concen: 53.978 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion:105 Resp: 498135
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

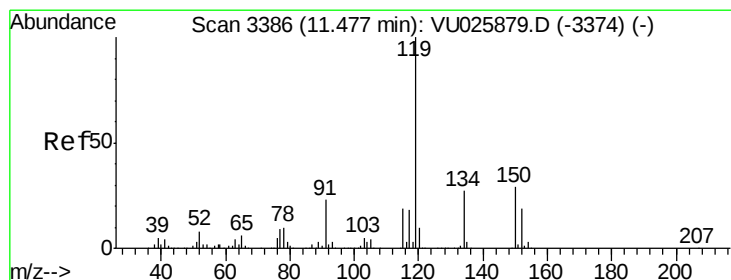
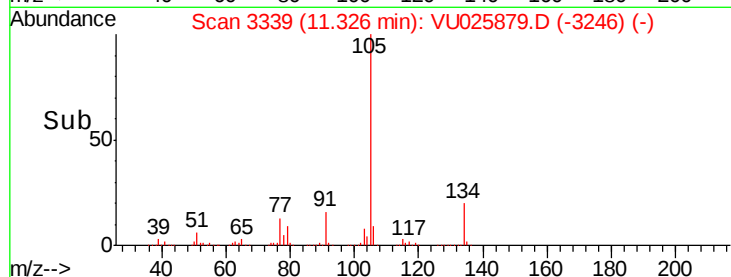
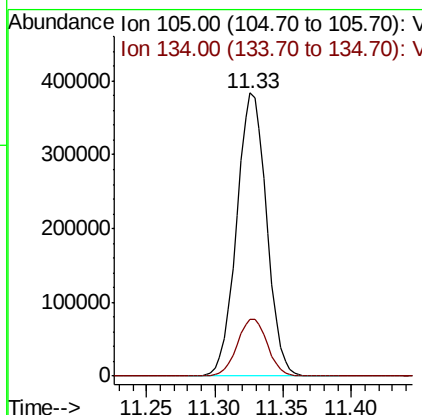
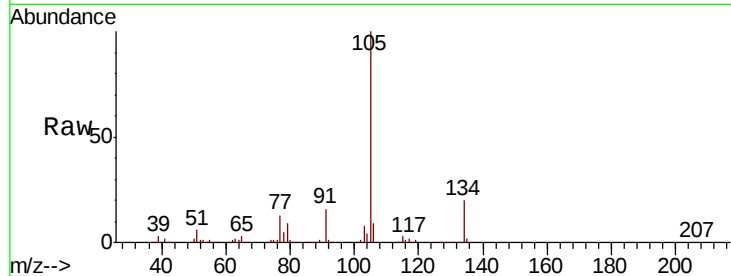




#85
 sec-Butylbenzene
 Concen: 52.813 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

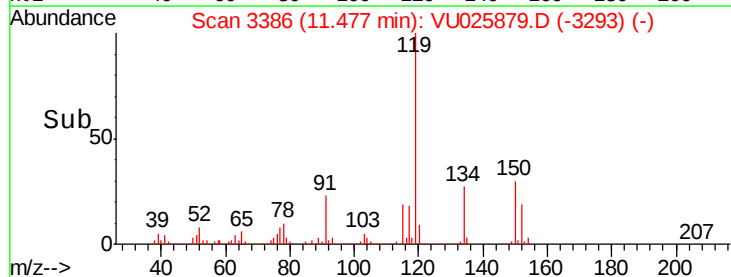
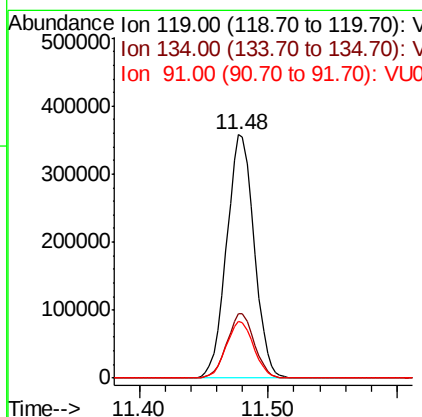
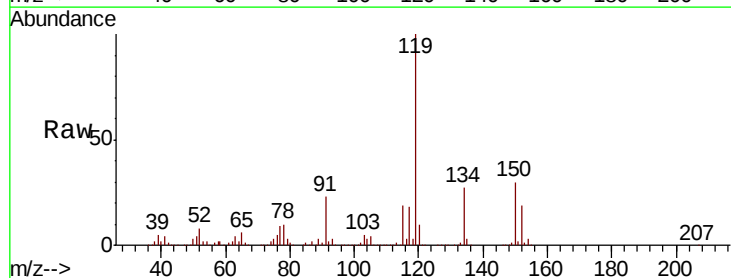
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

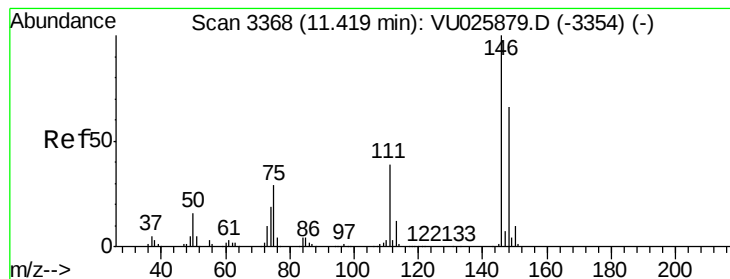
Tgt Ion:105 Resp: 583437
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 53.567 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion:119 Resp: 529879
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 23.3 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 51.735 ug/l

RT: 11.42 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

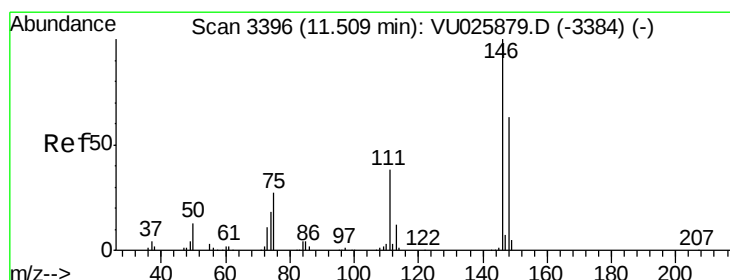
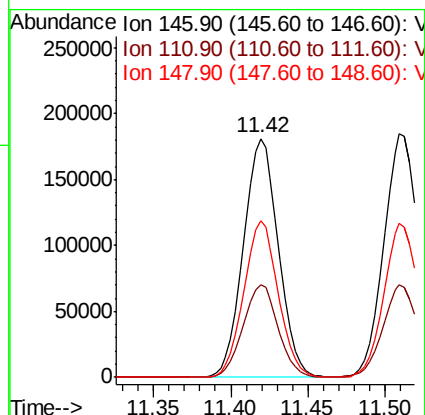
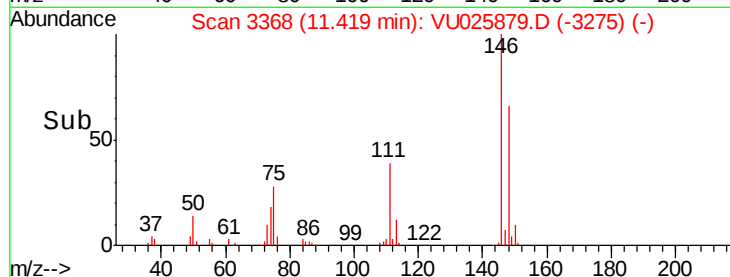
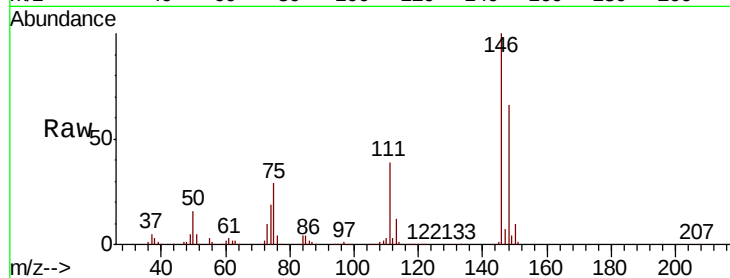
Tgt Ion:146 Resp: 284025

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.1

148 64.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 50.788 ug/l

RT: 11.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

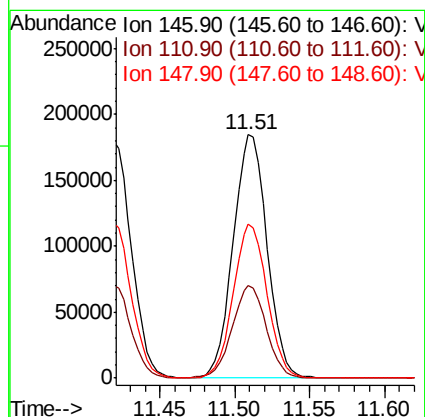
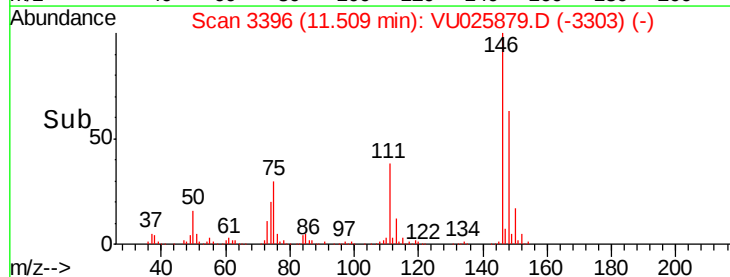
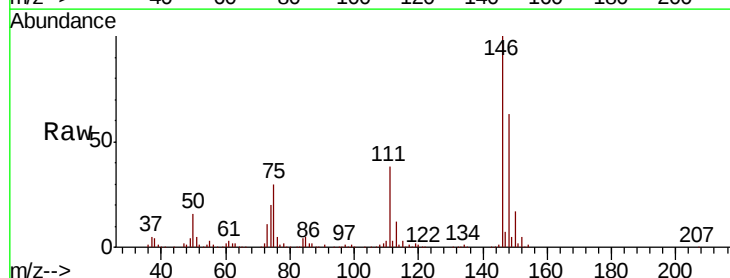
Tgt Ion:146 Resp: 290649

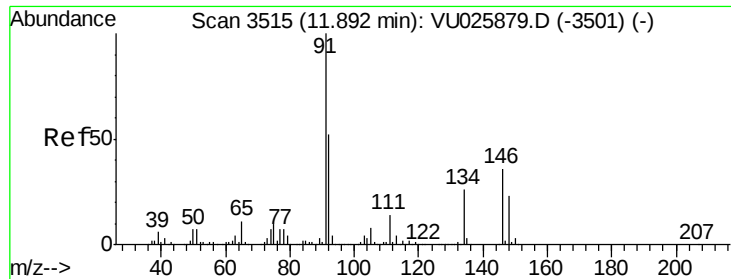
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

148 62.9 31.7 95.1

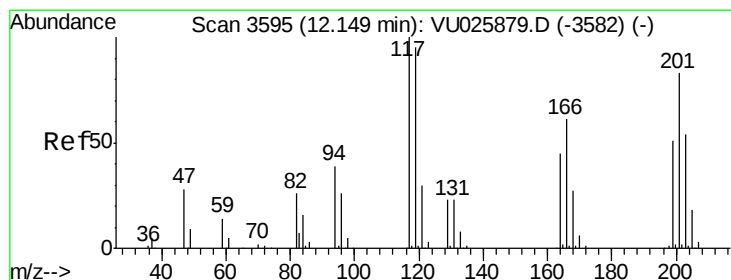
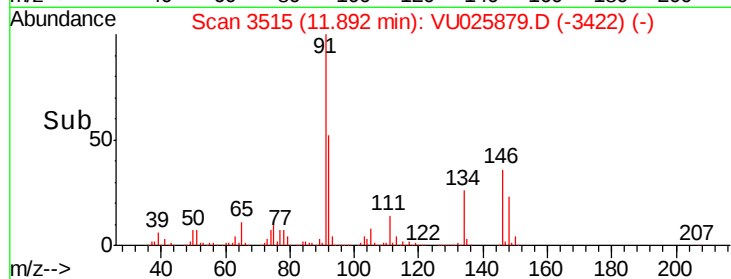
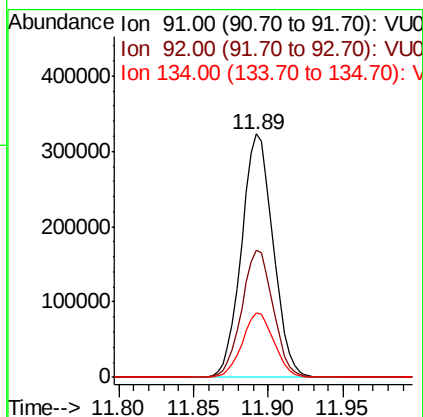
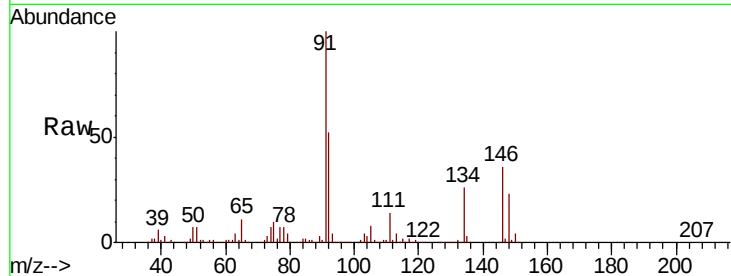




#89
n-Butylbenzene
Concen: 52.125 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

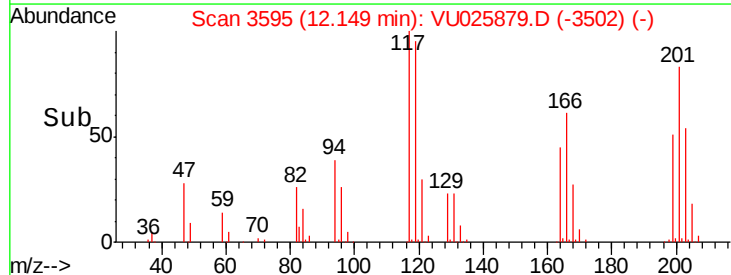
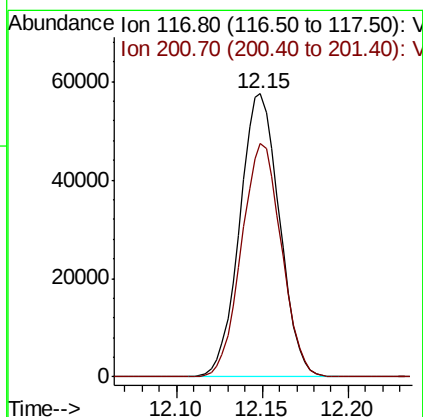
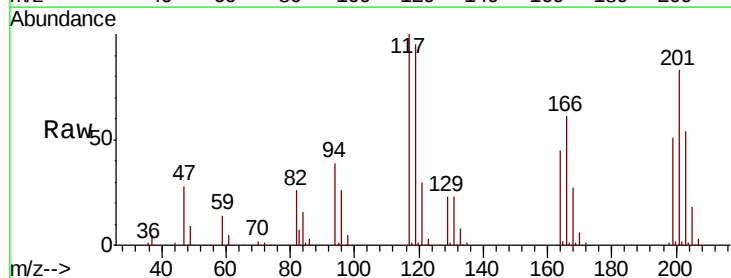
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

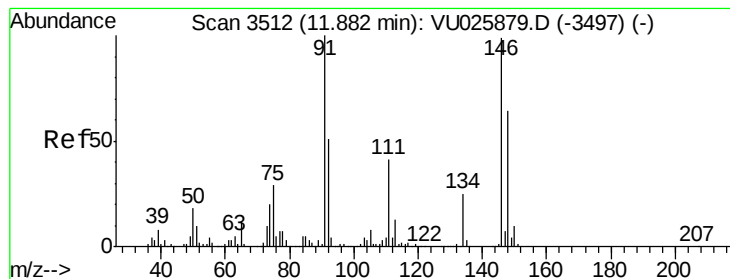
Tgt Ion: 91 Resp: 475813
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 52.619 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion: 117 Resp: 92544
Ion Ratio Lower Upper
117 100
201 82.9 42.5 127.6





#91

1,2-Dichlorobenzene

Concen: 51.692 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

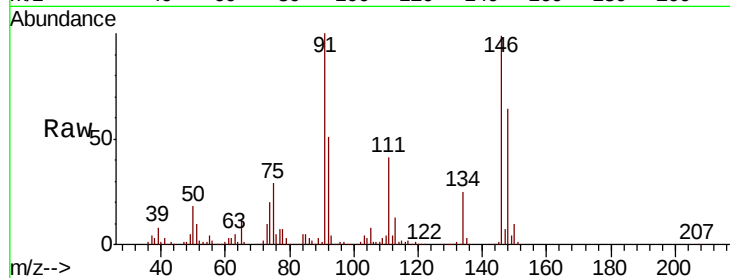
Tgt Ion:146 Resp: 278170

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

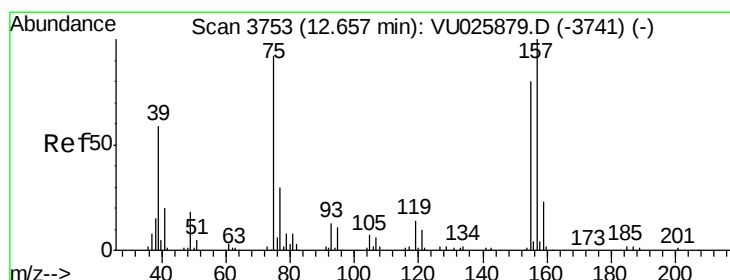
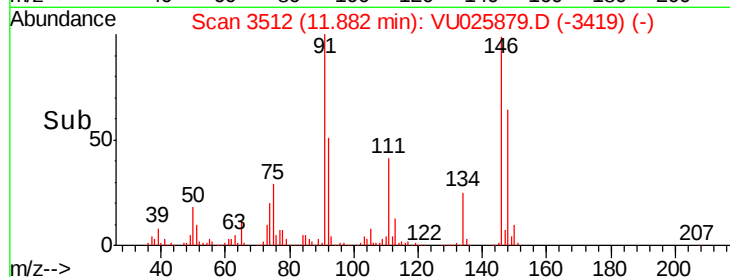
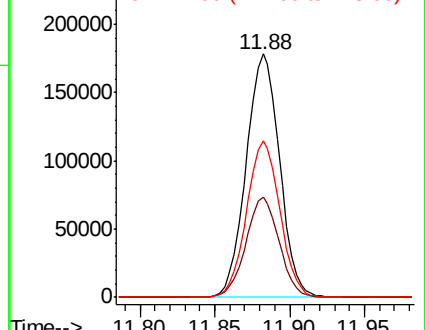
148 63.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.158 ug/l

RT: 12.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VU025879.D

Acq: 06 Aug 2018 11:53

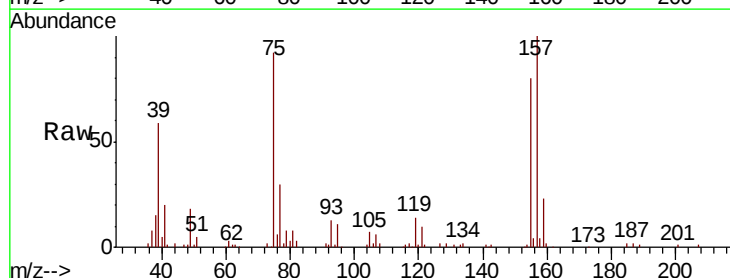
Tgt Ion: 75 Resp: 44974

Ion Ratio Lower Upper

75 100

155 88.2 44.5 133.3

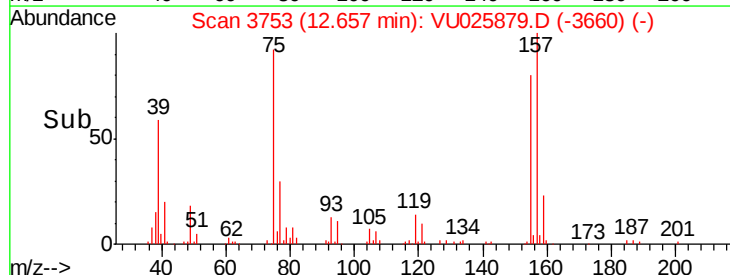
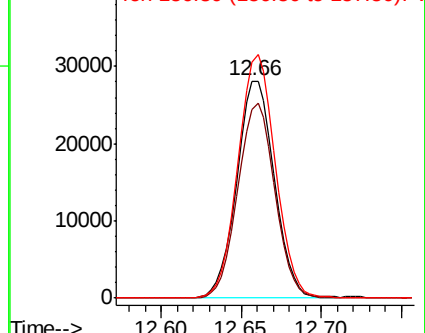
157 111.4 57.0 170.8

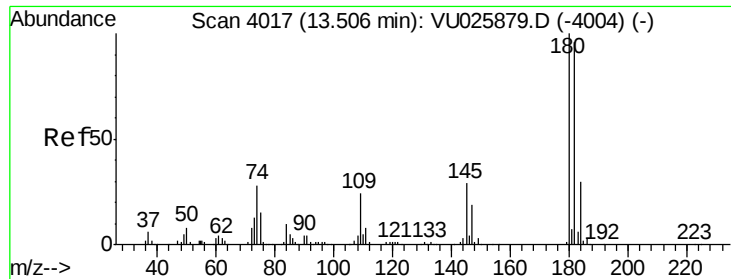


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

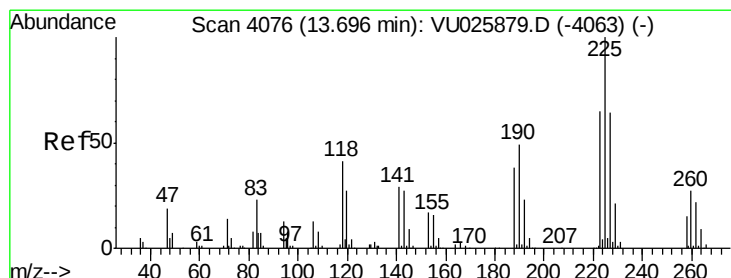
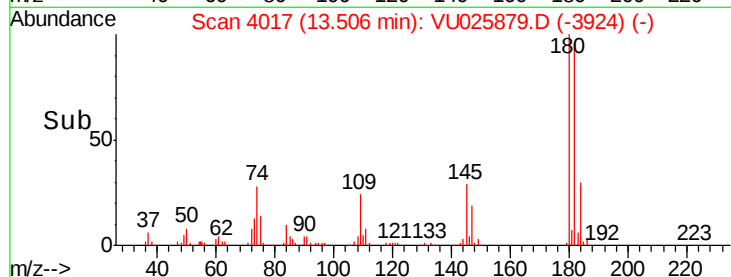
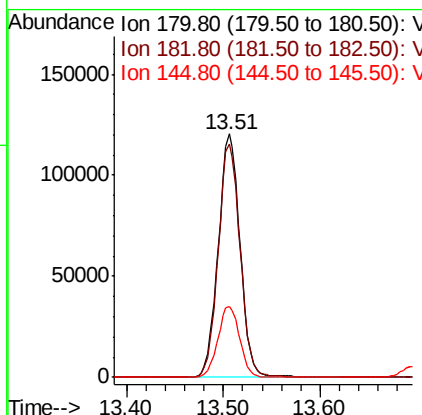
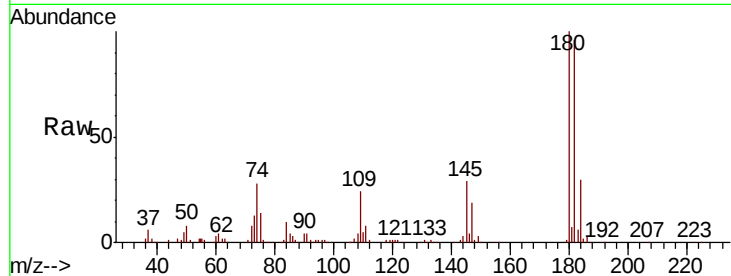




#93
 1,2,4-Trichlorobenzene
 Concen: 51.829 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

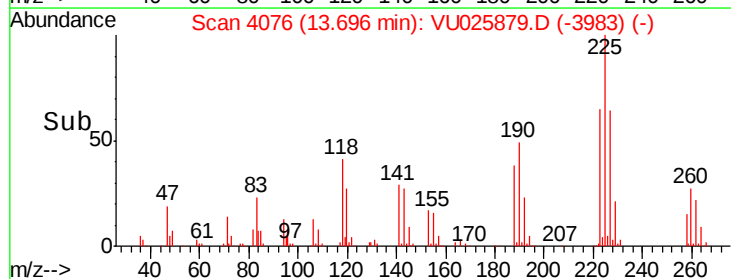
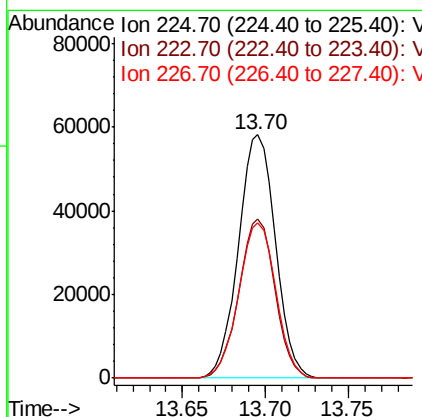
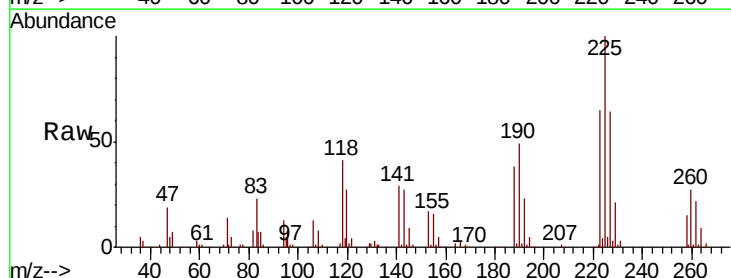
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

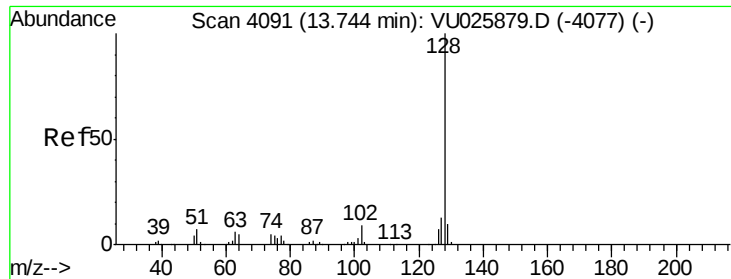
Tgt Ion:180 Resp: 188240
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 141.9
 145 29.1 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 47.236 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025879.D
 Acq: 06 Aug 2018 11:53

Tgt Ion:225 Resp: 90434
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 64.1 32.3 96.9

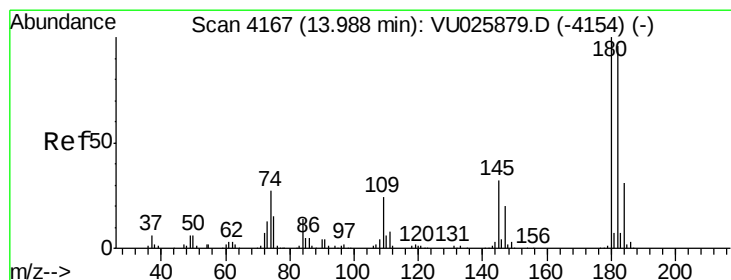
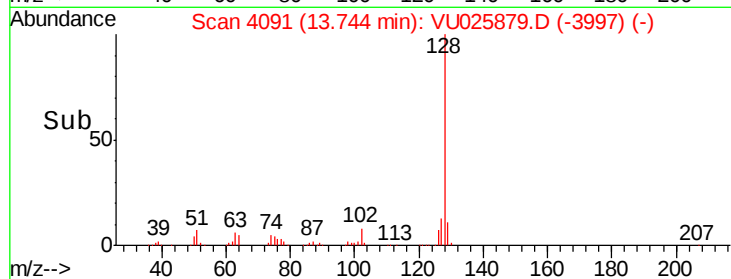
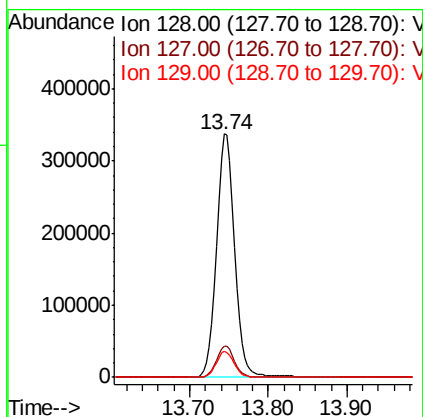
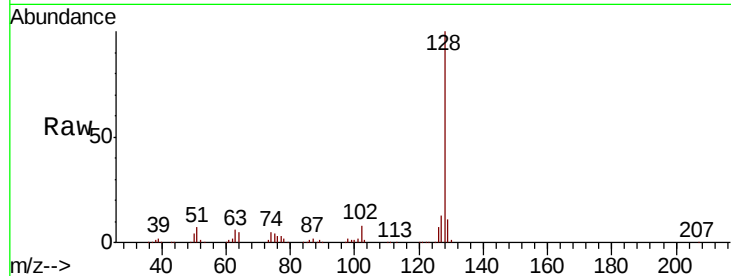




#95
Naphthalene
Concen: 45.930 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 534602
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 51.332 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025879.D
Acq: 06 Aug 2018 11:53

Tgt Ion:180 Resp: 185980
Ion Ratio Lower Upper
180 100
182 96.5 47.8 143.3
145 31.9 15.6 46.8

