

Data File : VN054976.D
Acq On : 11 Apr 2019 14:26
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Apr 12 07:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	71772	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	389759	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	343421	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	165548	32.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.27%
60) 4-Bromofluorobenzene	12.40	95	147212	28.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.93%
63) Toluene-d8	10.09	98	499875	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	23330	6.475 ug/l	98
3) Chloromethane	2.06	50	31872	6.683 ug/l	93
4) Vinyl Chloride	2.19	62	27574	5.829 ug/l	96
5) Bromomethane	2.56	94	16201	5.600 ug/l	89
6) Chloroethane	2.71	64	15729	5.680 ug/l	93
7) Trichlorofluoromethane	3.02	101	34444	5.971 ug/l	97
8) Diethyl Ether	3.41	74	10641	5.005 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	19584	5.327 ug/l	97
10) 1,1-Dichloroethene	3.73	96	18523	5.406 ug/l	92
11) Methyl Iodide	3.94	142	24197	4.804 ug/l	90
12) Methyl Acetate	4.33	43	18363	6.235 ug/l	100
13) Acrolein	3.60	56	9395	33.265 ug/l	88
14) Acrylonitrile	5.00	53	38950	28.110 ug/l	96
15) Acetone	3.82	58	10269	25.596 ug/l	77
16) Carbon Disulfide	4.04	76	53572	4.844 ug/l	100
17) Allyl chloride	4.32	41	38106	6.206 ug/l	95
18) Methylene Chloride	4.55	84	27339	6.794 ug/l	95
19) trans-1,2-Dichloroethene	5.03	96	20974	5.595 ug/l #	87
20) Diisopropyl ether	5.95	45	39283	3.185 ug/l #	55
21) 1,1-Dichloroethane	5.84	63	22076	3.034 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	25554	6.103 ug/l	96
23) tert-Butyl Alcohol	4.81	59	4982	20.377 ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	50810	5.474 ug/l	99
25) Chloroform	7.37	83	42434	6.051 ug/l	96
26) Cyclohexane	7.65	56	40763	6.190 ug/l #	99
29) 1,1-Dichloropropene	7.79	75	29995	5.607 ug/l	96
30) 2-Butanone	6.85	43	46047	27.311 ug/l #	98
31) 2,2-Dichloropropane	6.82	77	27914	5.314 ug/l #	100
32) 1,1,1-Trichloroethane	7.56	97	32845	5.709 ug/l	100
33) Carbon Tetrachloride	7.77	117	29046	5.715 ug/l	91
34) Benzene	8.04	78	93848	5.904 ug/l #	69
35) Methacrylonitrile	7.17	41	10124	5.263 ug/l	95
36) 1,2-Dichloroethane	8.12	62	33237	6.439 ug/l	100
37) Trichloroethene	8.83	130	24289	5.835 ug/l	93
38) Methylcyclohexane	9.08	83	36865	5.846 ug/l	98
39) 1,2-Dichloropropane	9.12	63	25490	5.830 ug/l	98
40) Dibromomethane	9.21	93	15017	6.010 ug/l	97

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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Apr 12 07:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	28601	5.421	ug/l	97
42) Vinyl Acetate	5.90	43	232716	26.972	ug/l	100
43) Ethyl Acetate	6.94	43	20464	5.812	ug/l #	77
44) Isopropyl Acetate	8.17	43	32041	5.221	ug/l	95
45) 1,4-Dioxane	9.20	88	3737	114.551	ug/l #	86
46) Methyl methacrylate	9.20	41	15591	5.279	ug/l	92
47) n-amyl Acetate	12.07	43	18658	4.210	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	22257	4.282	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	29733	4.834	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	19570	5.605	ug/l	94
51) Ethyl methacrylate	10.43	69	20454	4.977	ug/l	95
52) 1,3-Dichloropropane	10.71	76	32710	5.473	ug/l	99
53) Dibromochloromethane	10.90	129	17813	4.701	ug/l	97
54) 1,2-Dibromoethane	11.00	107	17123	5.206	ug/l	94
55) 2-Chloroethyl vinyl ether	9.69	63	37479	19.834	ug/l	100
56) Bromoform	12.12	173	10808	4.340	ug/l #	93
58) 4-Methyl-2-Pentanone	9.99	43	90353	26.983	ug/l	98
59) 2-Hexanone	10.75	43	54593	24.945	ug/l	99
61) Tetrachloroethene	10.63	164	24315	5.765	ug/l	97
62) Toluene	10.15	91	99151	5.886	ug/l	100
64) Chlorobenzene	11.43	112	56949	5.541	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.51	131	19705	5.252	ug/l	95
66) Ethyl Benzene	11.51	91	102142	5.802	ug/l	99
67) m/p-Xylenes	11.62	106	73540	11.146	ug/l	99
68) o-Xylene	11.94	106	37126	5.782	ug/l	95
69) Styrene	11.96	104	54988	5.466	ug/l	99
70) Isopropylbenzene	12.25	105	99721	5.914	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	22761	5.510	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	24084	7.632	ug/l	1
73) Bromobenzene	12.52	156	22373	5.296	ug/l	98
74) n-propylbenzene	12.59	91	103373	5.177	ug/l	100
75) 2-Chlorotoluene	12.67	91	65698	5.598	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	79217	5.574	ug/l	99
77) t-1,4-Dichloro-2-butene	12.29	75	3677	3.430	ug/l	93
78) 4-Chlorotoluene	12.77	91	56542	4.855	ug/l	99
79) tert-butylbenzene	12.99	119	68512	5.489	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	73972	5.264	ug/l	99
81) sec-Butylbenzene	13.17	105	89372	5.243	ug/l	99
82) p-Isopropyltoluene	13.29	119	72772	5.017	ug/l	97
83) 1,3-Dichlorobenzene	13.28	146	33434	4.527	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	30202	4.293	ug/l	99
85) n-Butylbenzene	13.61	91	50722	4.086	ug/l	99
86) Hexachloroethane	13.87	117	11034	4.088	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	33827	4.719	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	2381	4.081	ug/l	87
89) 1,2,4-Trichlorobenzene	14.91	180	9687	2.762	ug/l	96
90) Hexachlorobutadiene	15.01	225	12768	4.815	ug/l	95
91) Naphthalene	15.13	128	19772	2.841	ug/l #	92
92) 1,2,3-Trichlorobenzene	15.31	180	11434	3.270	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041119\
Quantitation Report (Not Reviewed)

Data File : VN054976.D
Acq On : 11 Apr 2019 14:26
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Apr 12 07:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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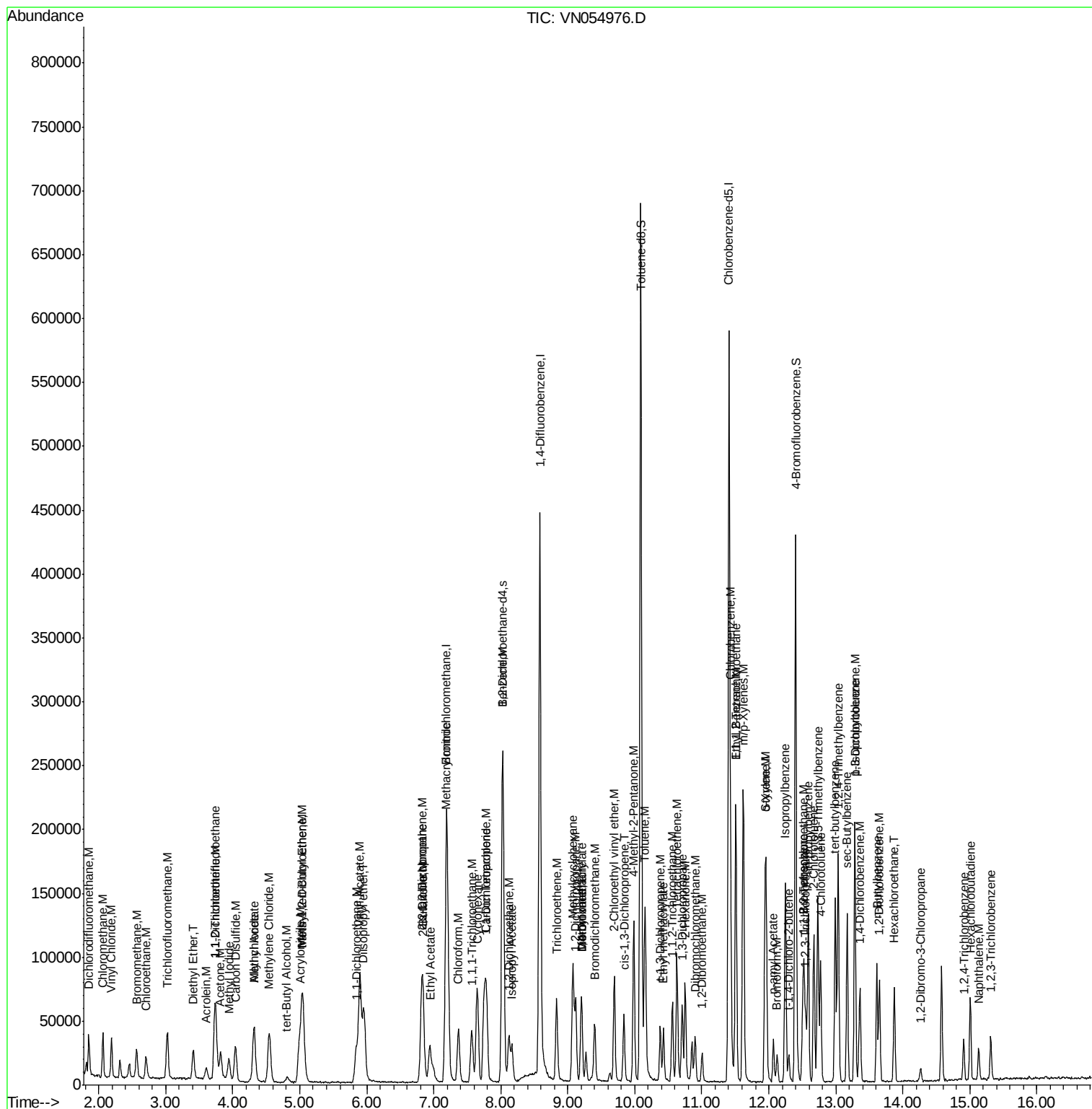
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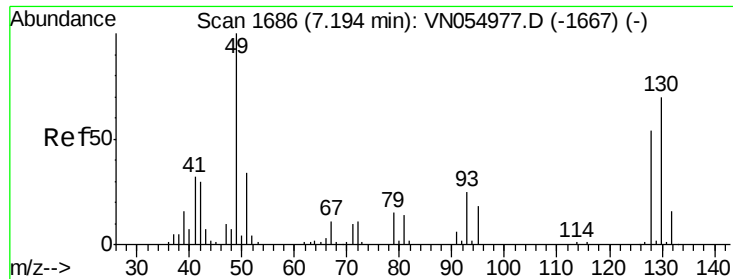
Data File : VN054976.D

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Acq On       : 11 Apr 2019   14:26
Operator    : JC/SP
Sample      : VSTDIC005
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 2      Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Apr 12 07:39:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:37:15 2019
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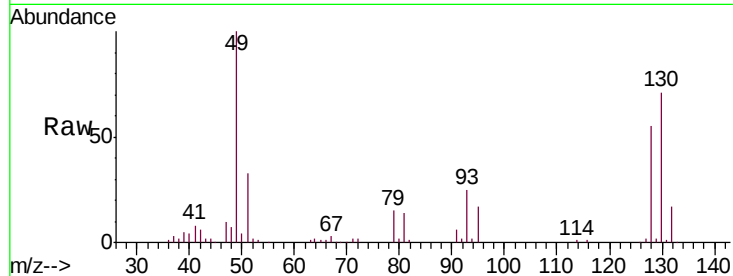




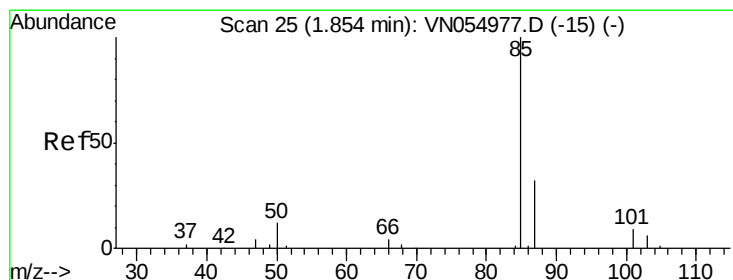
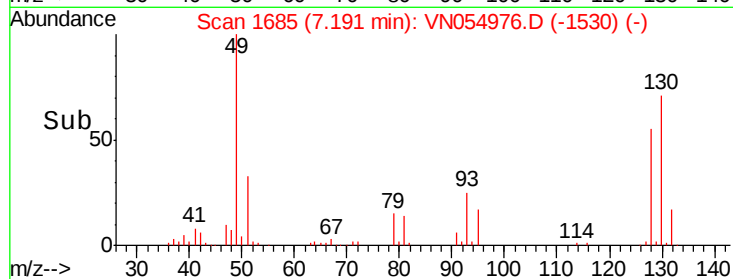
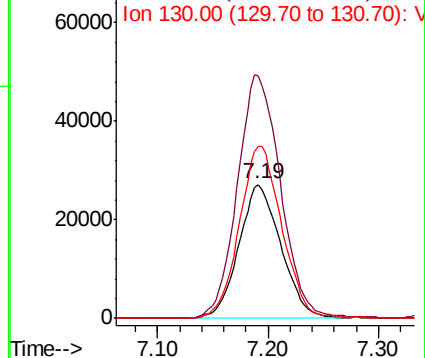
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 71772
Ion Ratio Lower Upper
128 100
49 185.6 0.0 480.3
130 129.3 0.0 322.2

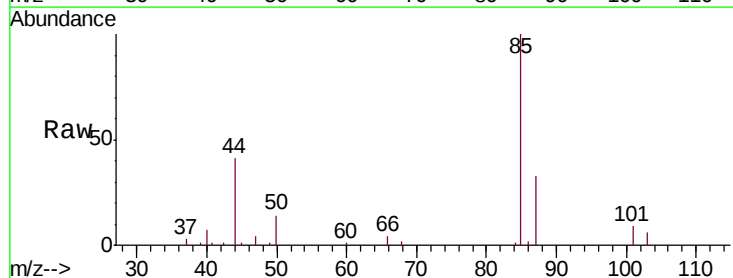


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

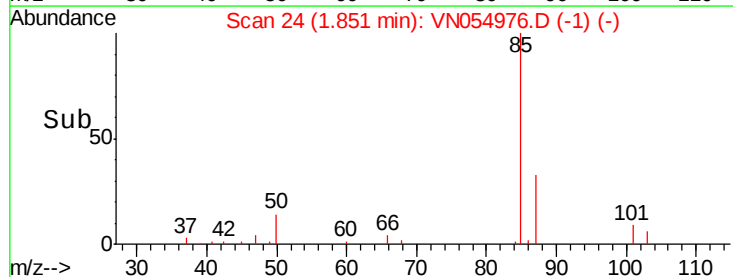
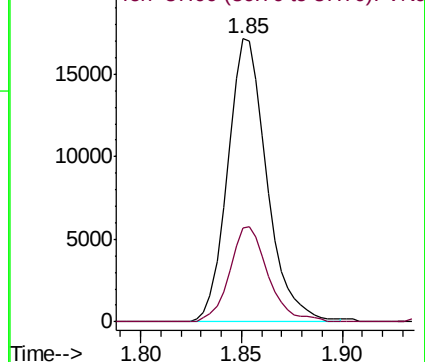


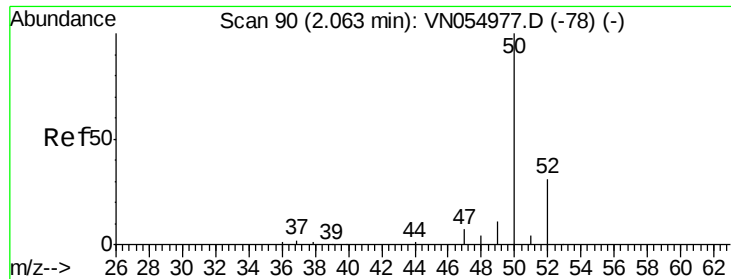
#2
Dichlorodifluoromethane
Concen: 6.475 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 85 Resp: 23330
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 6.683 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

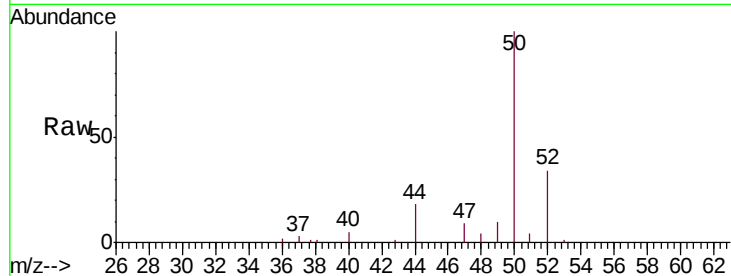
VSTDIC005

Tgt Ion: 50 Resp: 31872

Ion Ratio Lower Upper

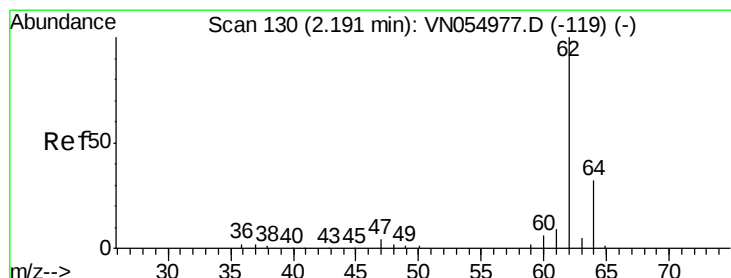
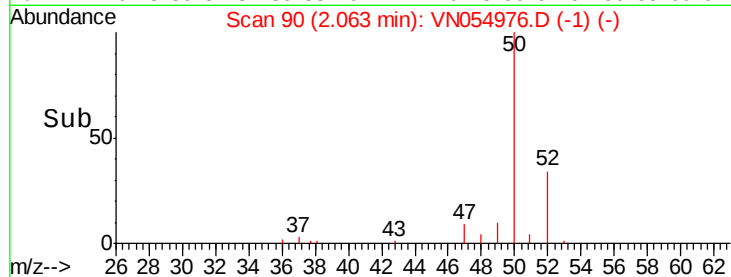
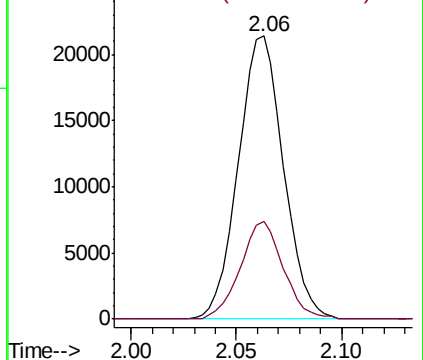
50 100

52 34.3 24.5 36.7



Abundance Ion 50.00 (49.70 to 50.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#4

Vinyl Chloride

Concen: 5.829 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054976.D

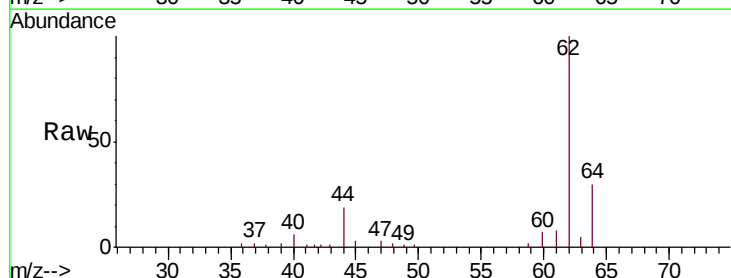
Acq: 11 Apr 2019 14:26

Tgt Ion: 62 Resp: 27574

Ion Ratio Lower Upper

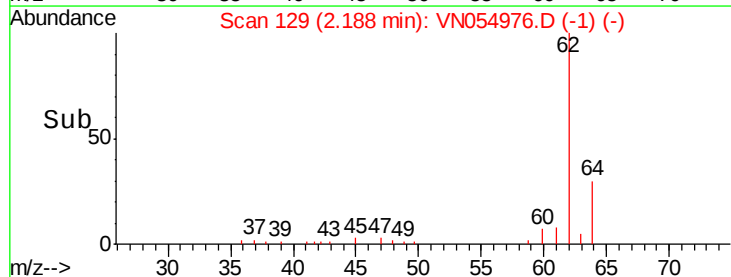
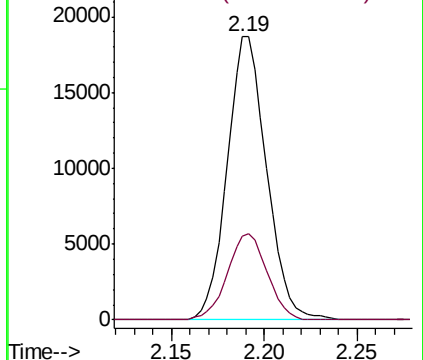
62 100

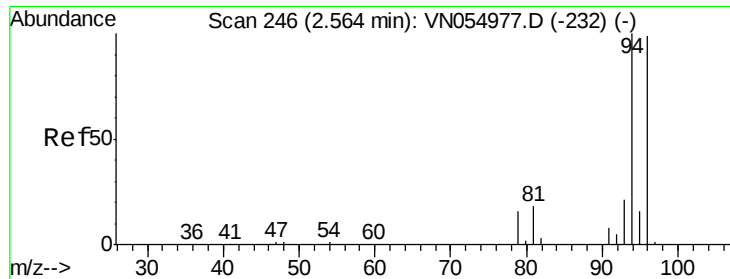
64 29.8 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO

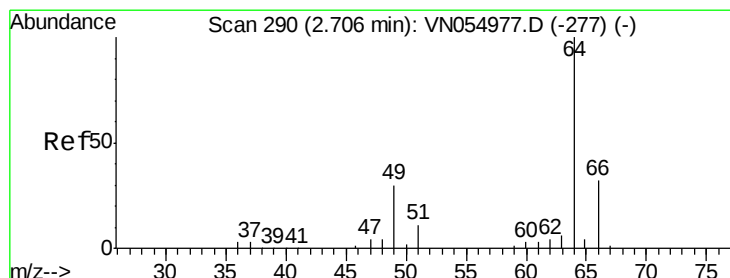
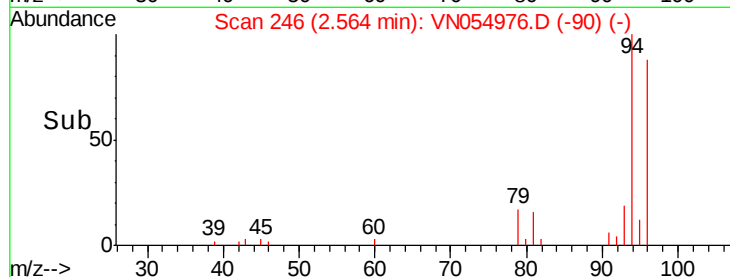
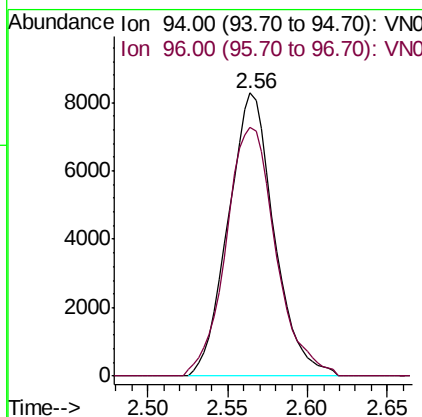
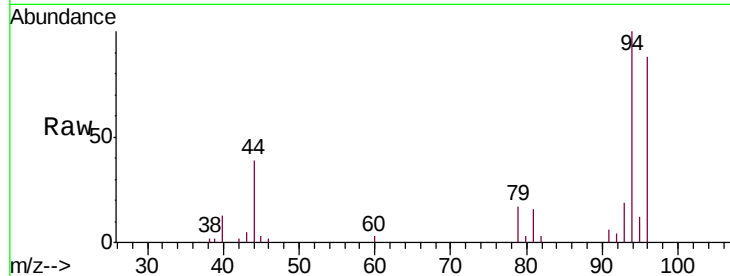




#5
Bromomethane
Concen: 5.600 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

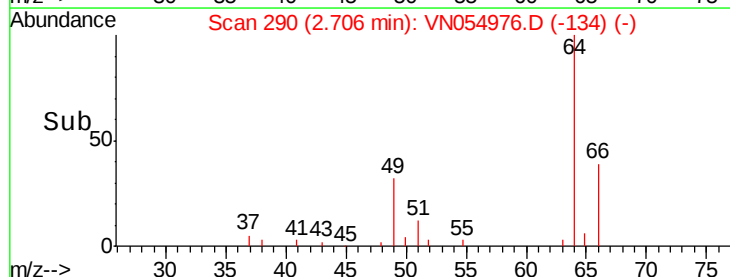
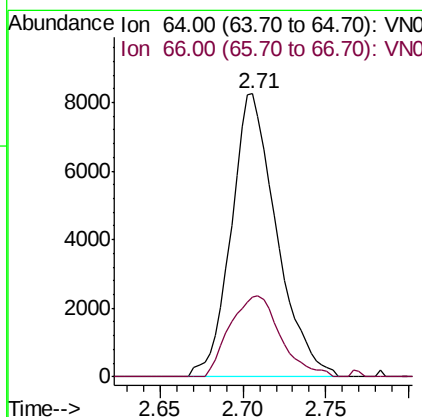
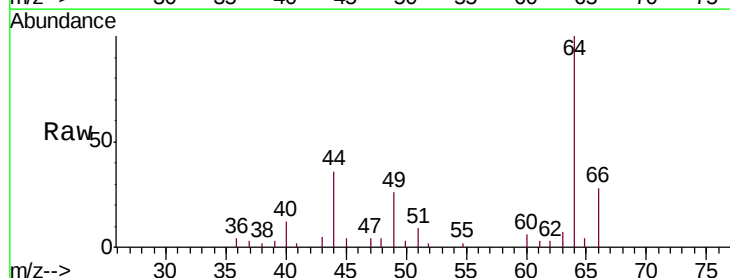
Instrument :
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ClientSampleId :
VSTDIC005

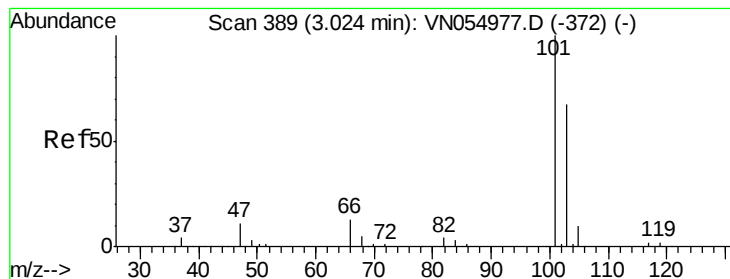
Tgt Ion: 94 Resp: 16201
Ion Ratio Lower Upper
94 100
96 88.1 79.1 118.7



#6
Chloroethane
Concen: 5.680 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 64 Resp: 15729
Ion Ratio Lower Upper
64 100
66 28.4 25.7 38.5



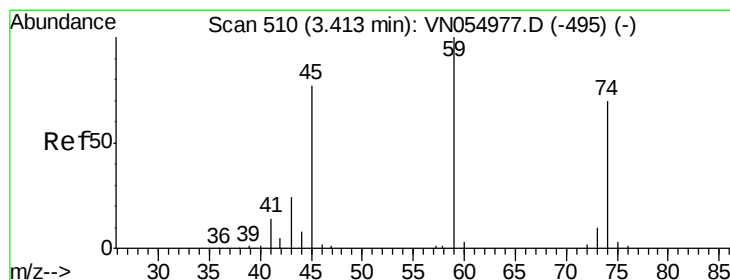
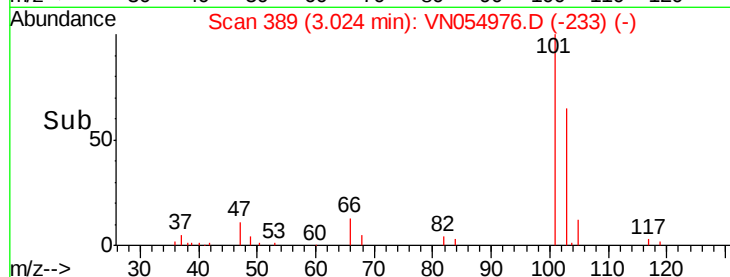
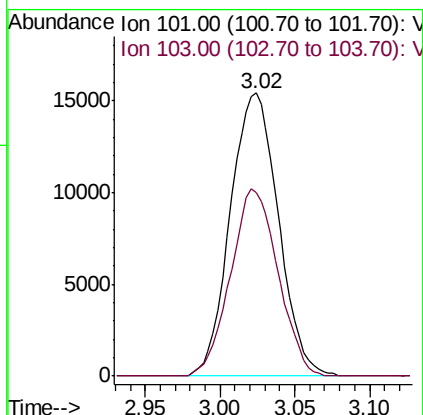
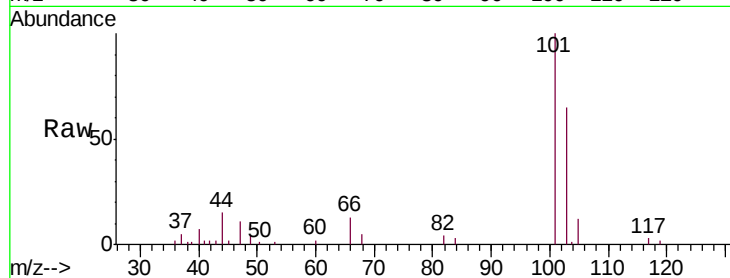


#7

Trichlorofluoromethane
 Concen: 5.971 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

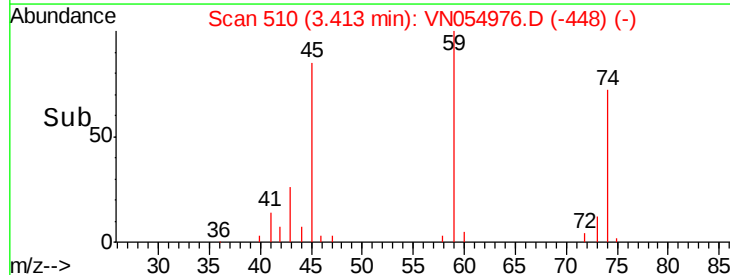
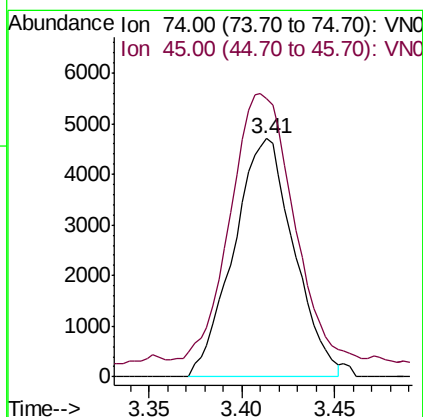
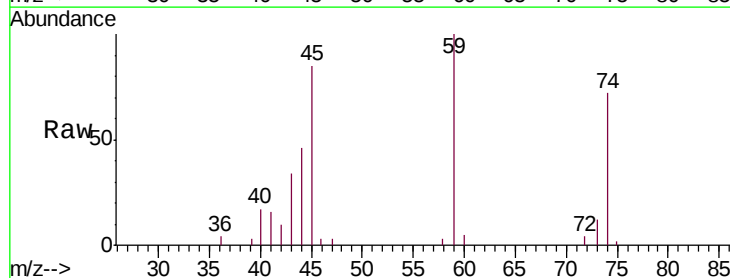
Tgt Ion: 101 Resp: 34444
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.4 80.0

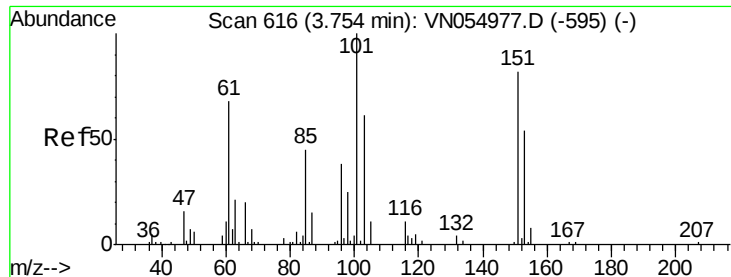


#8

Diethyl Ether
 Concen: 5.005 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 74 Resp: 10641
 Ion Ratio Lower Upper
 74 100
 45 115.8 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.327 ug/l

RT: 3.75 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

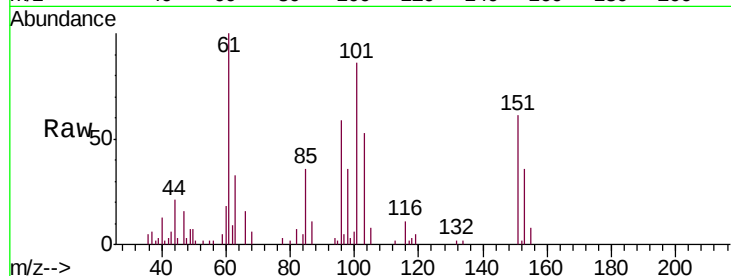
Tgt Ion: 101 Resp: 19584

Ion Ratio Lower Upper

101 100

85 45.0 0.0 91.4

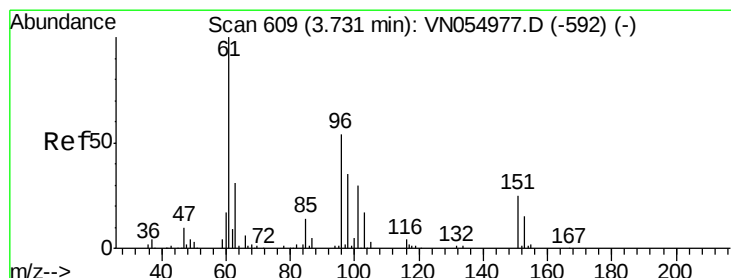
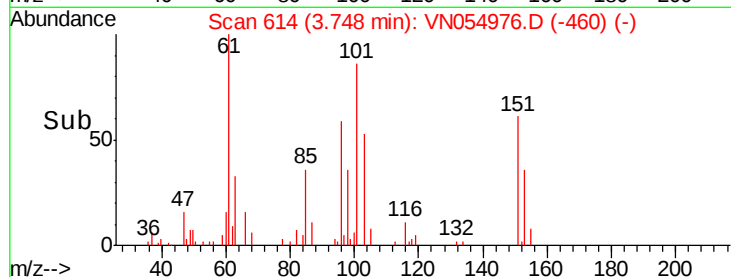
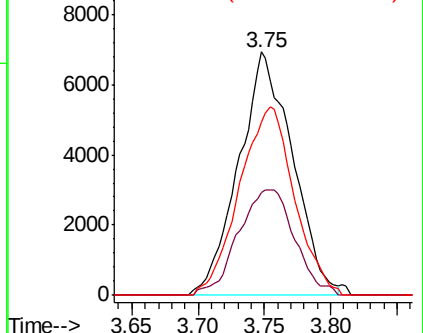
151 79.0 0.0 165.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.406 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

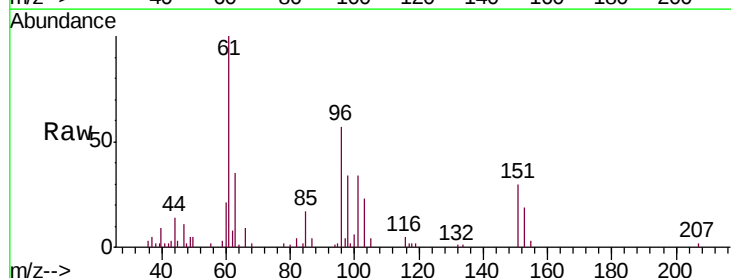
Tgt Ion: 96 Resp: 18523

Ion Ratio Lower Upper

96 100

61 173.7 148.4 222.6

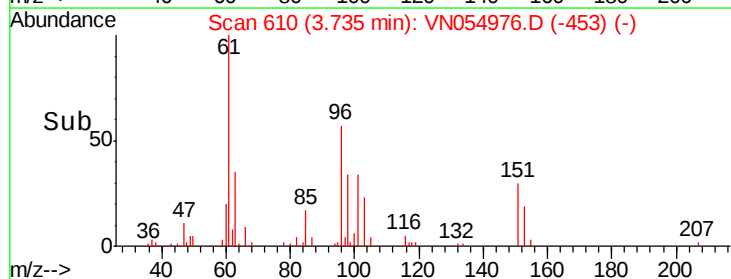
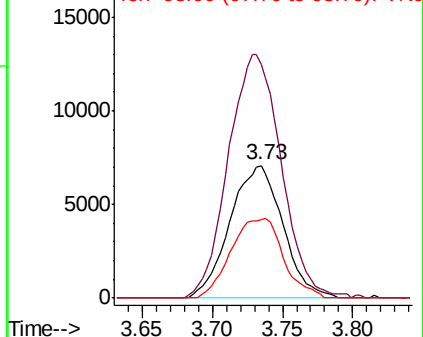
98 59.5 52.2 78.2

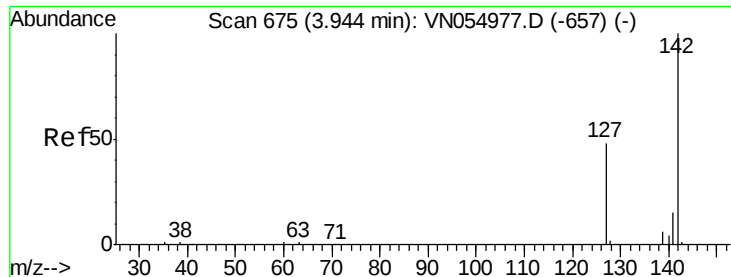


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

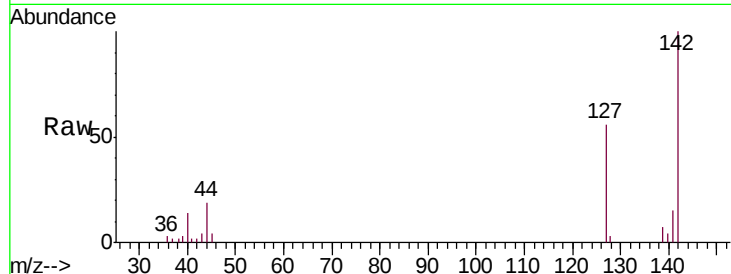




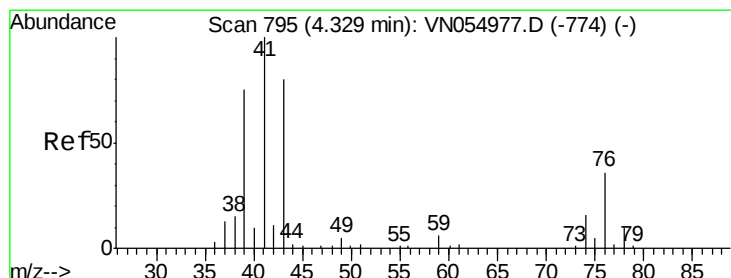
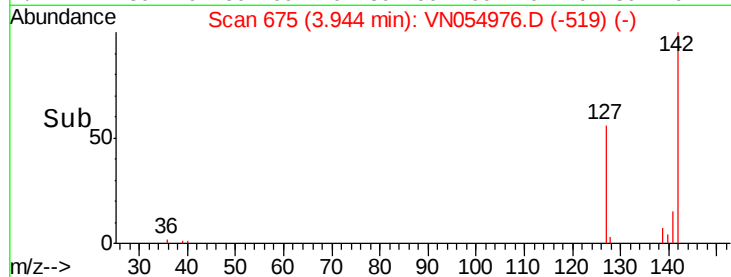
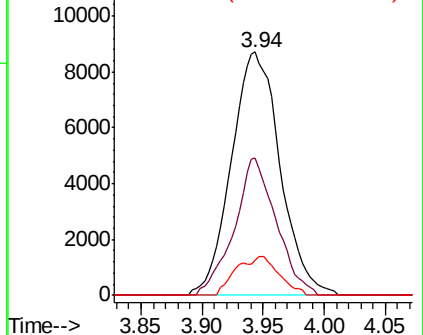
#11
Methyl Iodide
Concen: 4.804 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 142 Resp: 24197
Ion Ratio Lower Upper
142 100
127 56.4 23.8 71.5
141 14.6 7.3 22.0

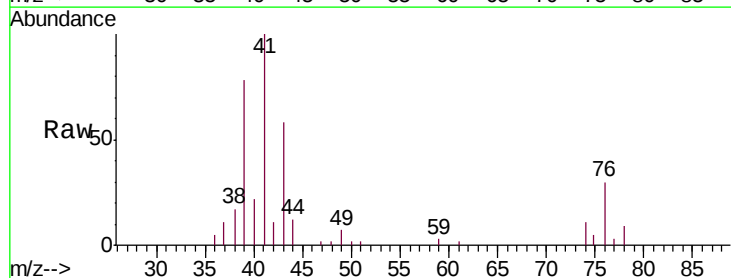


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

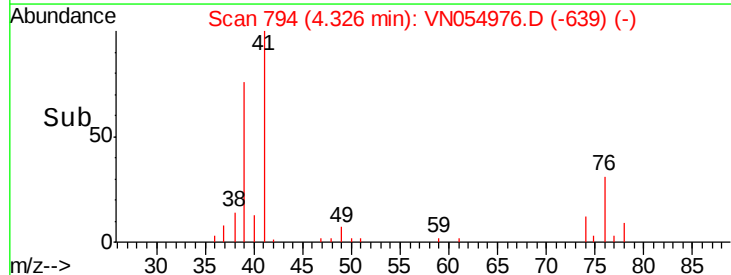
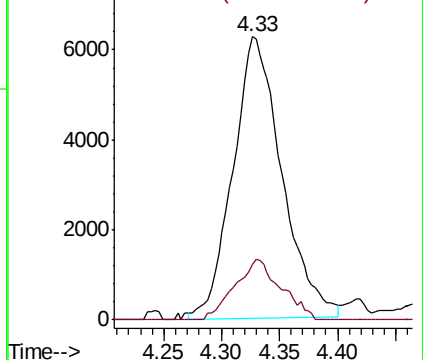


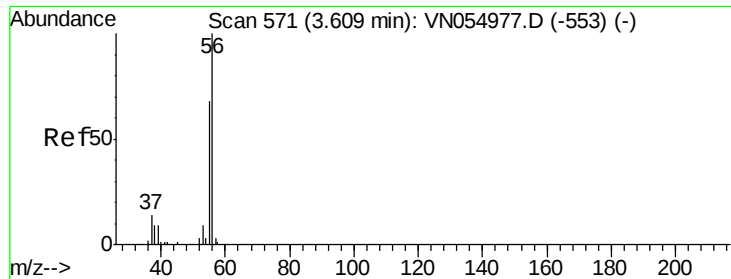
#12
Methyl Acetate
Concen: 6.235 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 43 Resp: 18363
Ion Ratio Lower Upper
43 100
74 20.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 33.265 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

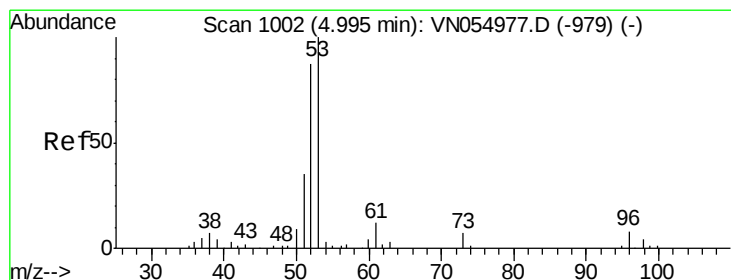
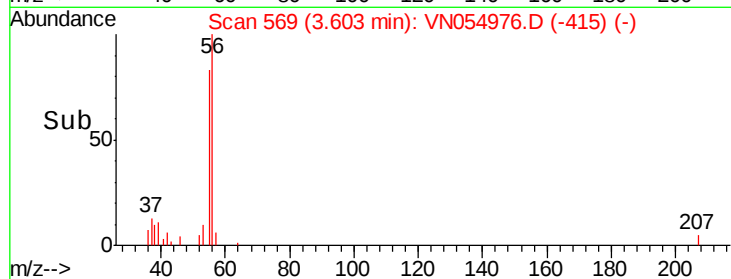
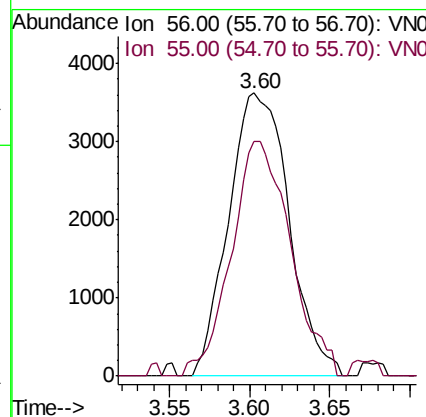
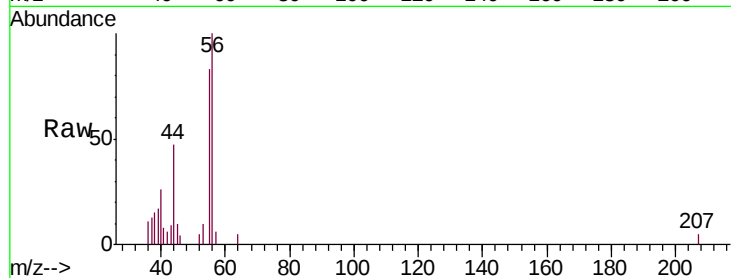
VSTDIC005

Tgt Ion: 56 Resp: 9395

Ion Ratio Lower Upper

56 100

55 81.1 57.0 85.4



#14

Acrylonitrile

Concen: 28.110 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

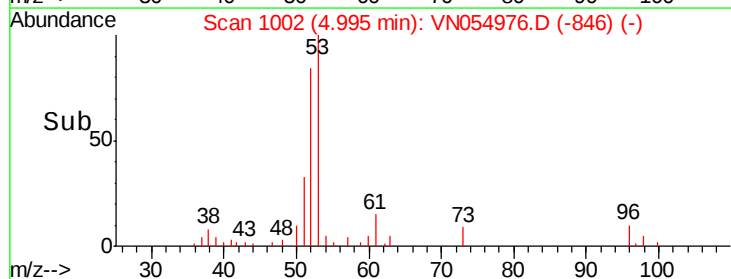
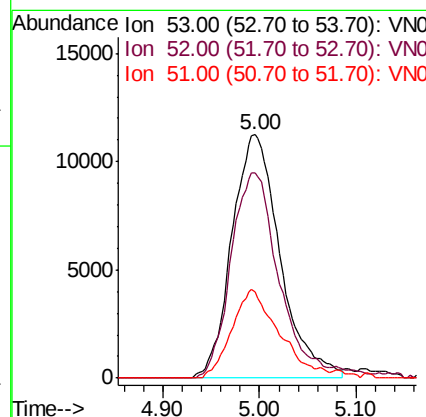
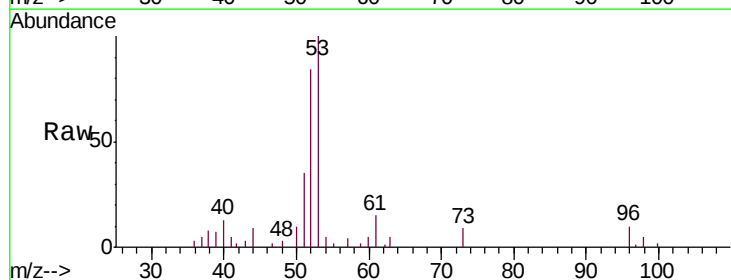
Tgt Ion: 53 Resp: 38950

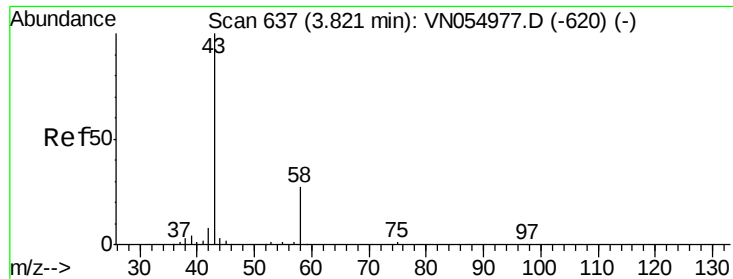
Ion Ratio Lower Upper

53 100

52 81.3 42.3 126.8

51 35.0 18.6 56.0





#15

Acetone

Concen: 25.596 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

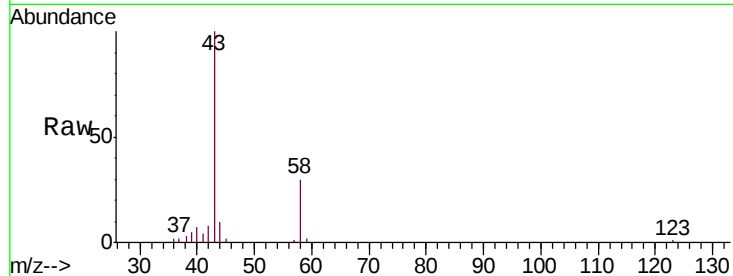
VSTDIC005

Tgt Ion: 58 Resp: 10269

Ion Ratio Lower Upper

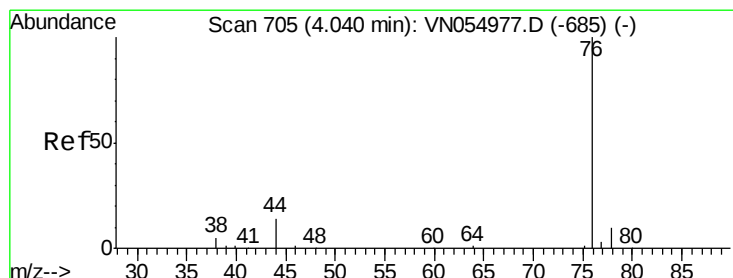
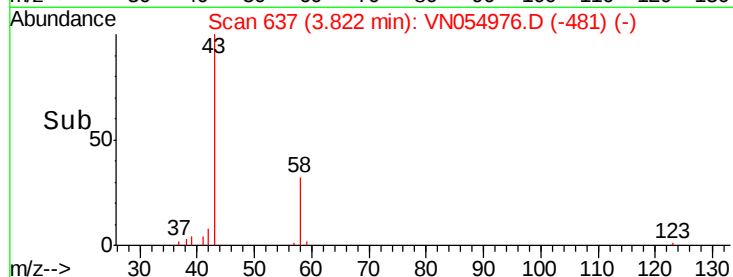
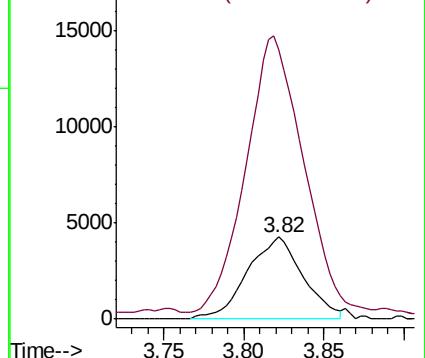
58 100

43 320.2 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 4.844 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054976.D

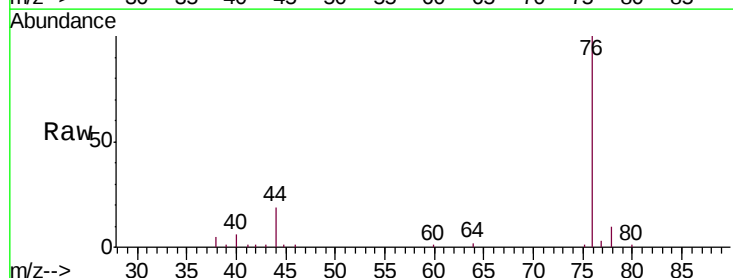
Acq: 11 Apr 2019 14:26

Tgt Ion: 76 Resp: 53572

Ion Ratio Lower Upper

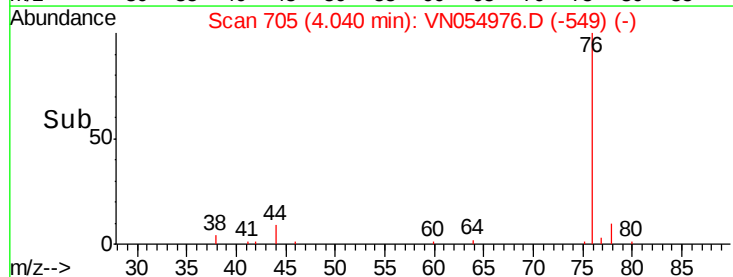
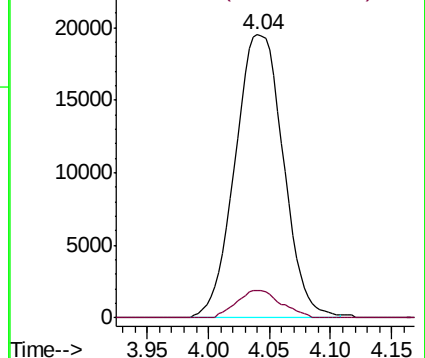
76 100

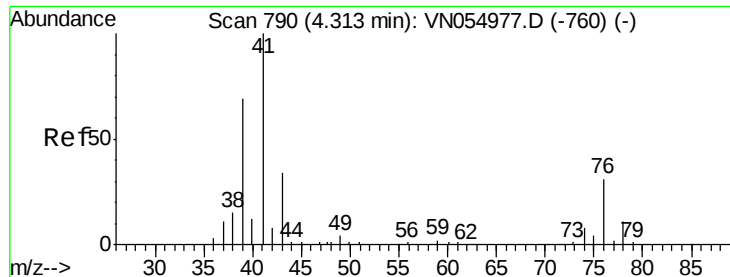
78 9.8 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

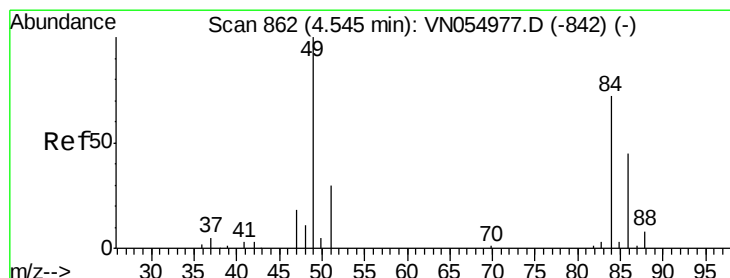
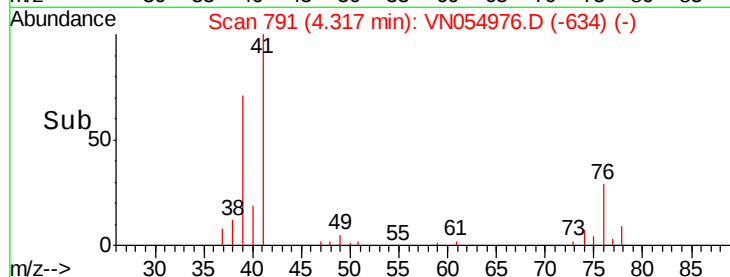
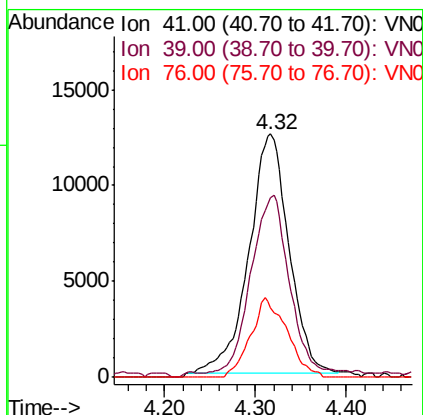
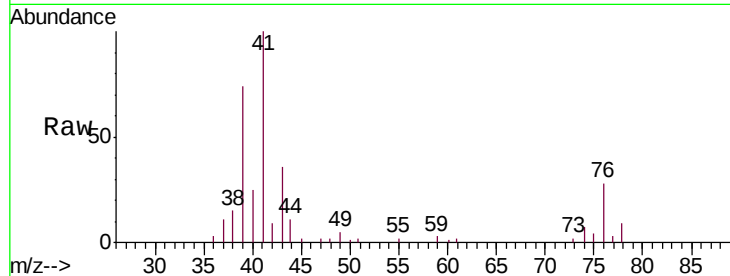




#17
 Allyl chloride
 Concen: 6.206 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

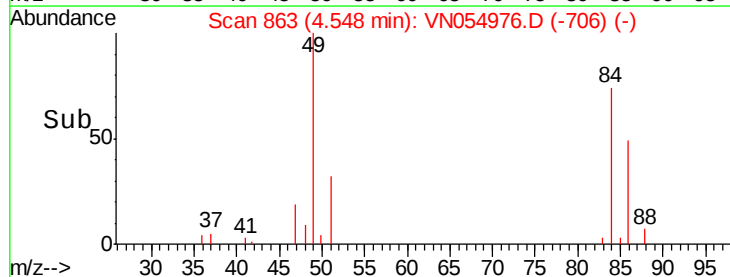
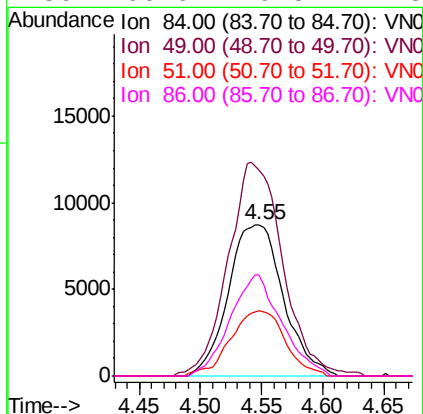
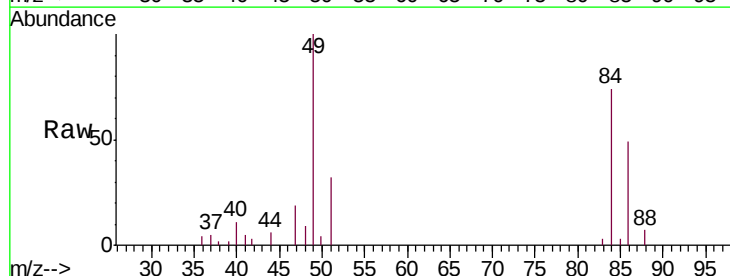
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

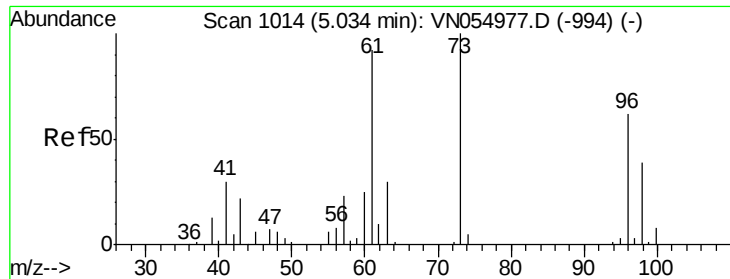
Tgt Ion: 41 Resp: 38106
 Ion Ratio Lower Upper
 41 100
 39 72.7 34.3 102.9
 76 28.9 15.8 47.3



#18
 Methylene Chloride
 Concen: 6.794 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 84 Resp: 27339
 Ion Ratio Lower Upper
 84 100
 49 131.8 111.0 166.4
 51 42.9 33.4 50.2
 86 66.6 49.5 74.3

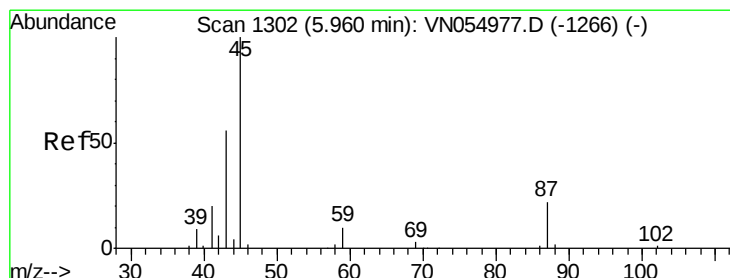
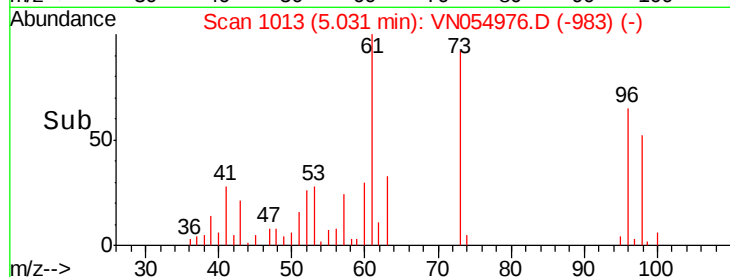
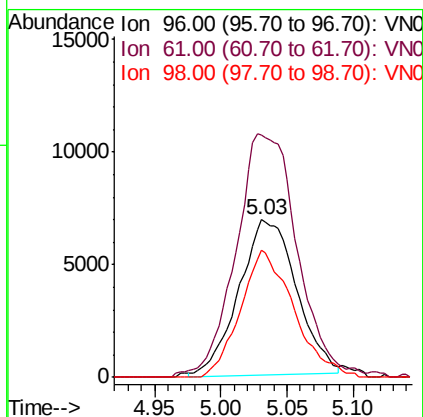
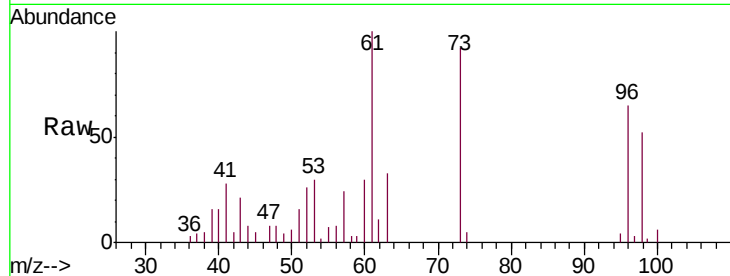




#19
trans-1,2-Dichloroethene
Concen: 5.595 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

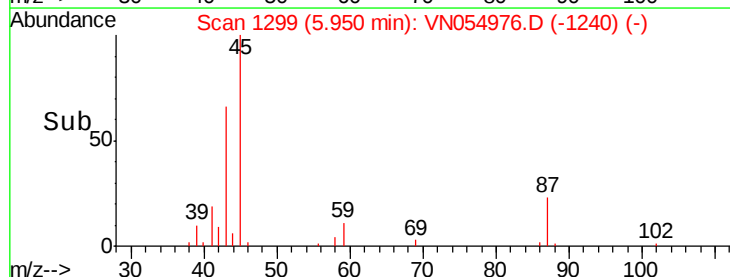
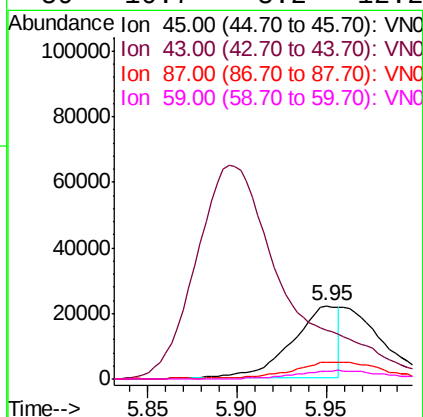
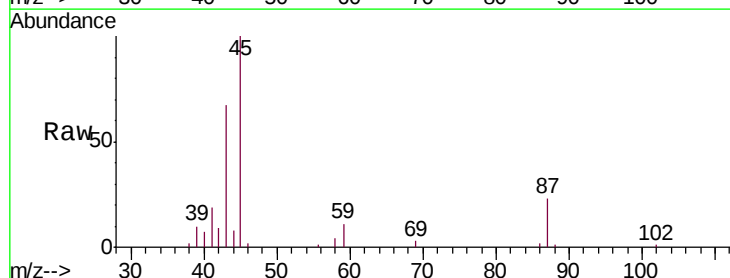
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

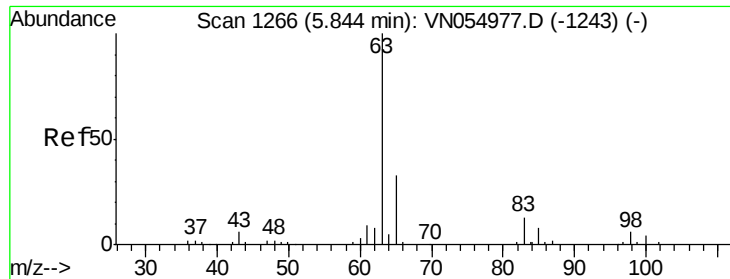
Tgt Ion: 96 Resp: 20974
Ion Ratio Lower Upper
96 100
61 153.0 117.2 175.8
98 85.1 49.4 74.2#



#20
Diisopropyl ether
Concen: 3.185 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 45 Resp: 39283
Ion Ratio Lower Upper
45 100
43 5.6 45.8 68.8#
87 22.4 18.2 27.4
59 10.7 8.2 12.2

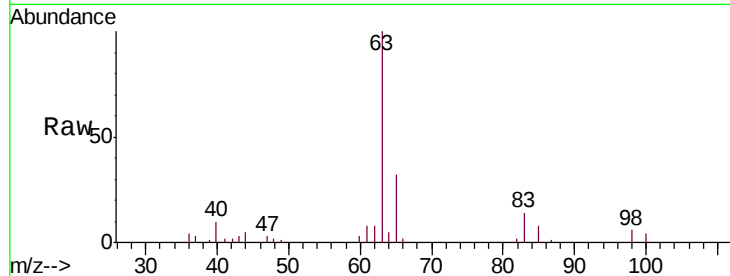




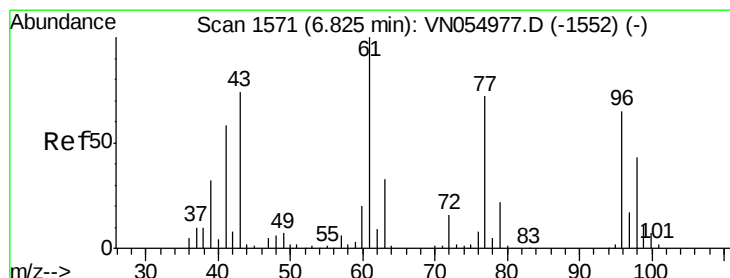
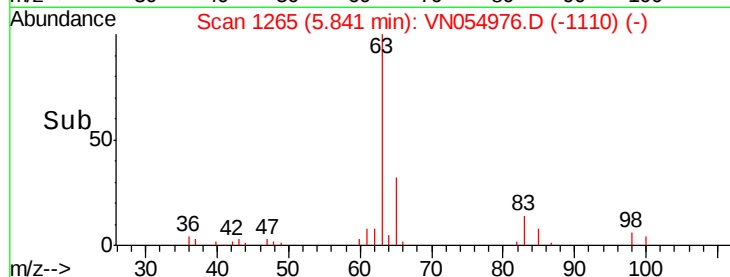
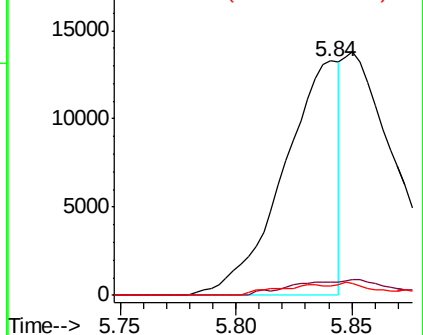
#21
 1,1-Dichloroethane
 Concen: 3.034 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 63 Resp: 22076
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.9 8.7
 100 4.1 2.0 5.8

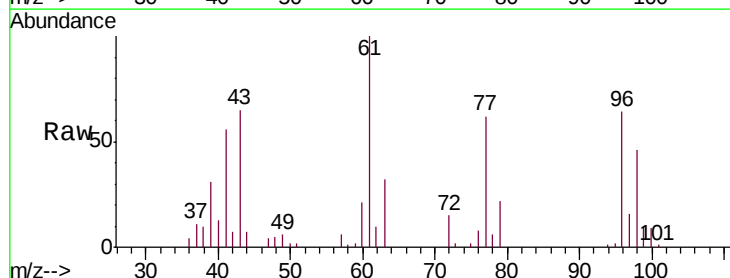


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

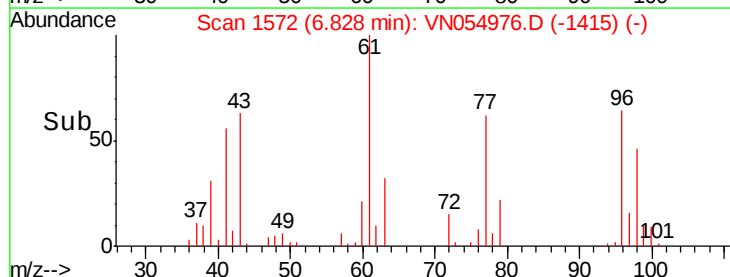
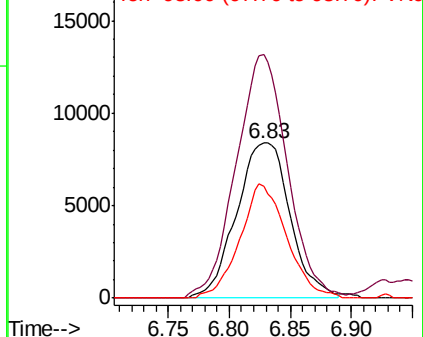


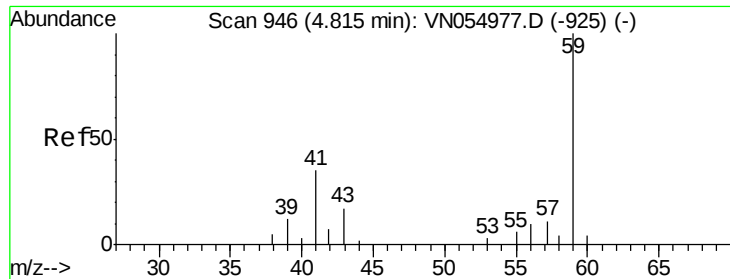
#22
 cis-1,2-Dichloroethene
 Concen: 6.103 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 96 Resp: 25554
 Ion Ratio Lower Upper
 96 100
 61 150.0 125.0 187.6
 98 64.2 52.2 78.2



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0

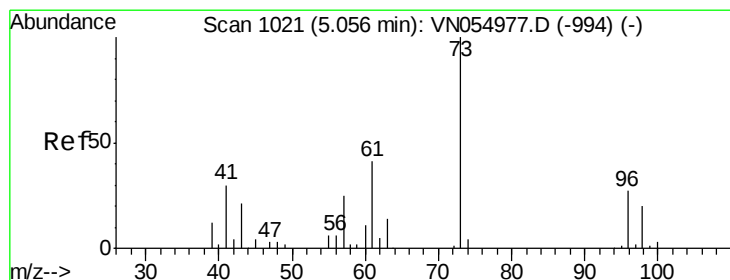
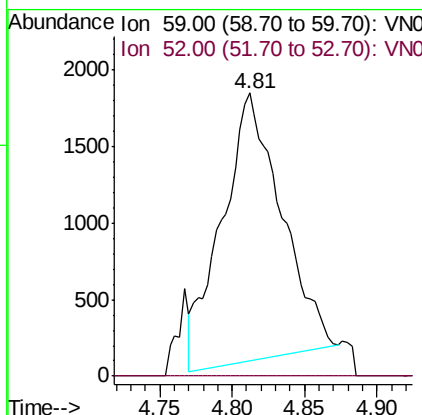
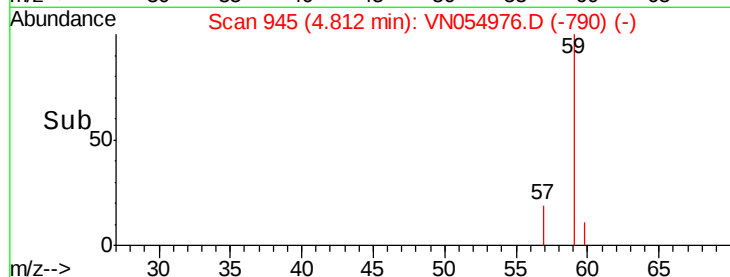
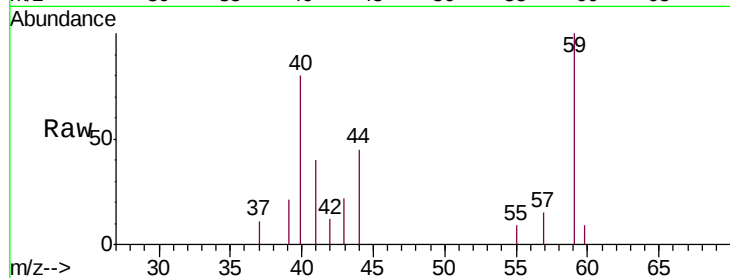




#23
 tert-Butyl Alcohol
 Concen: 20.377 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

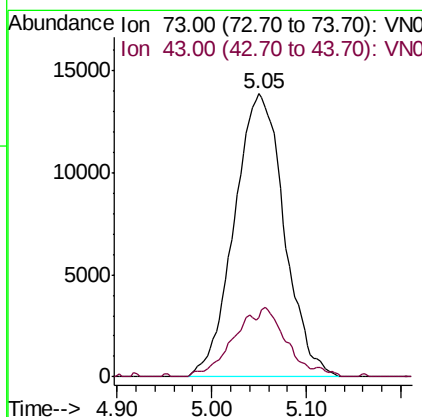
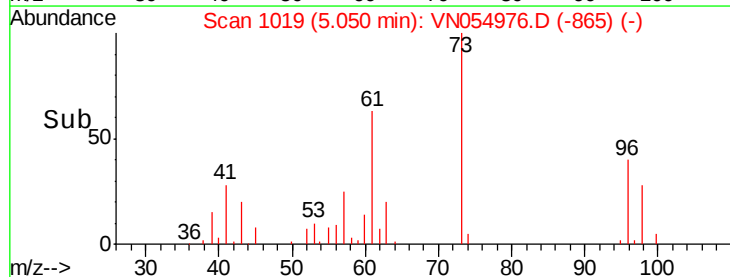
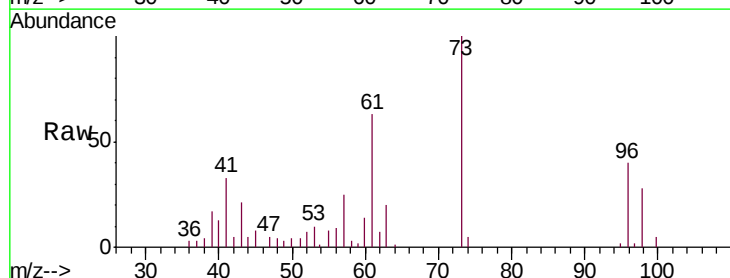
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

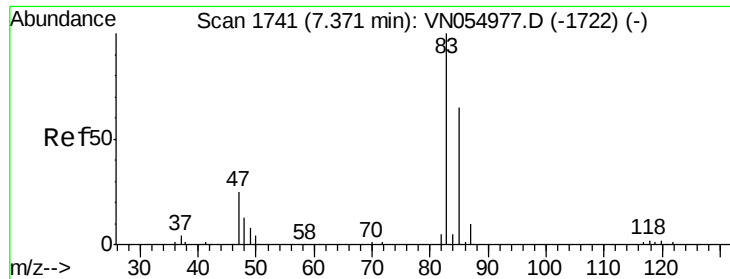
Tgt Ion: 59 Resp: 4982
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 5.474 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 73 Resp: 50810
 Ion Ratio Lower Upper
 73 100
 43 9.5 8.0 12.0

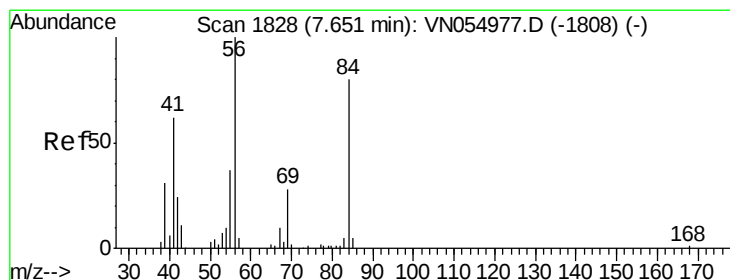
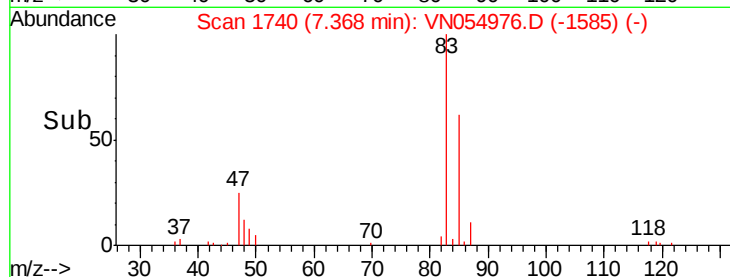
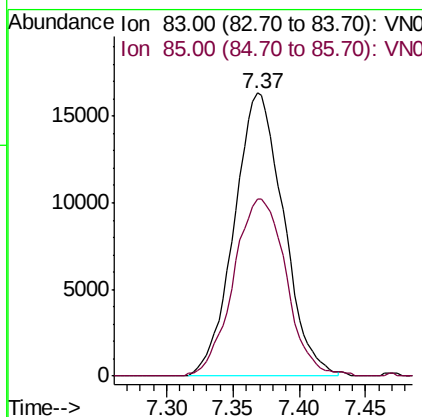
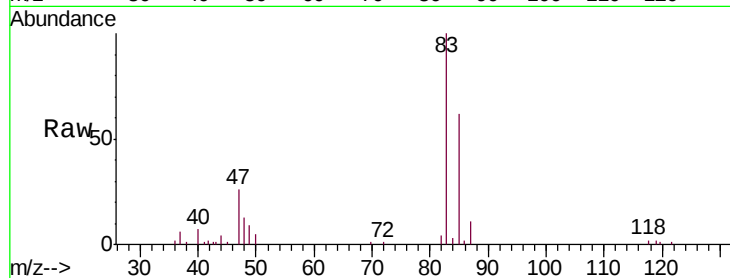




#25
Chloroform
Concen: 6.051 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

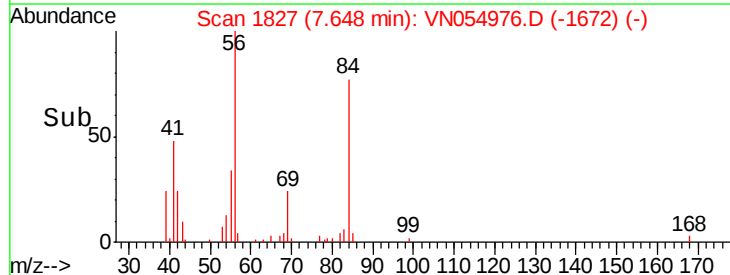
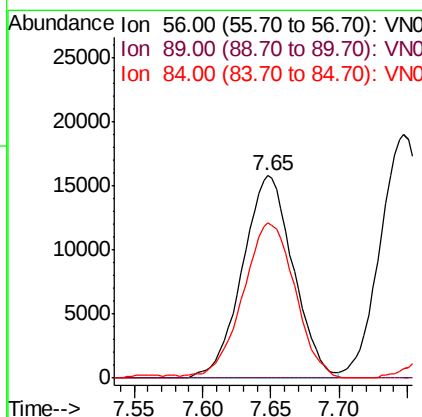
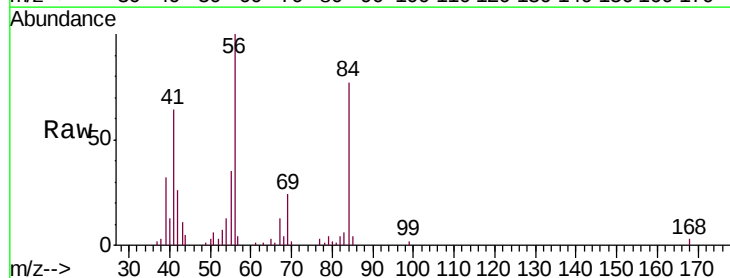
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

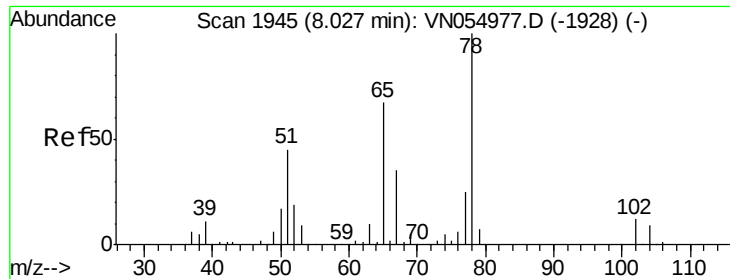
Tgt Ion: 83 Resp: 42434
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.8



#26
Cyclohexane
Concen: 6.190 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 56 Resp: 40763
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 78.5 63.5 95.3

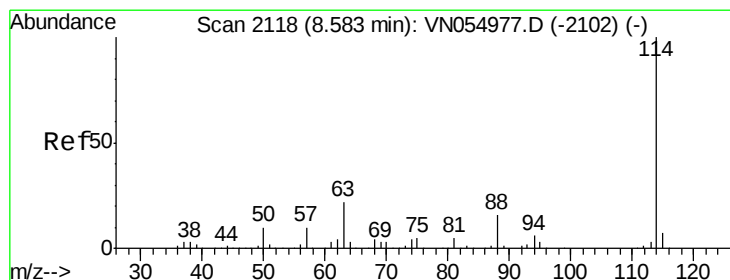
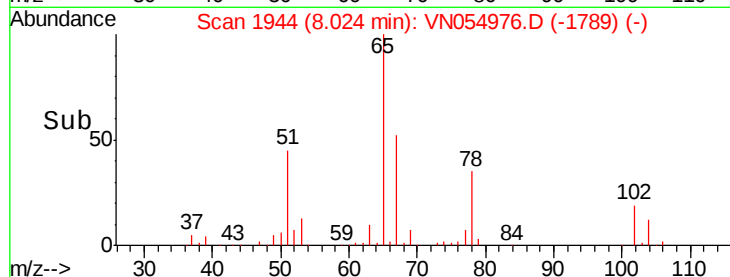
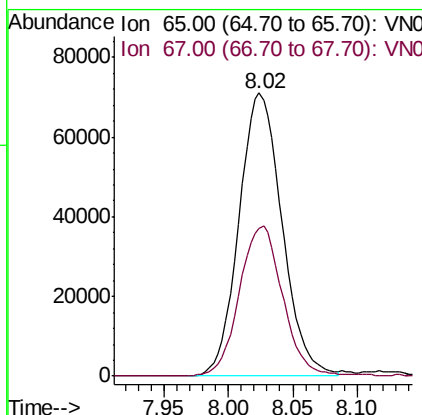
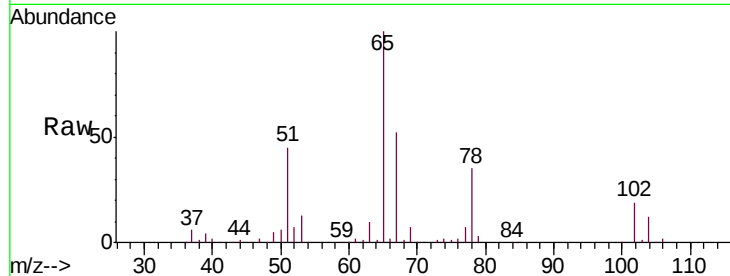




#27
 1,2-Dichloroethane-d4
 Concen: 6.190 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

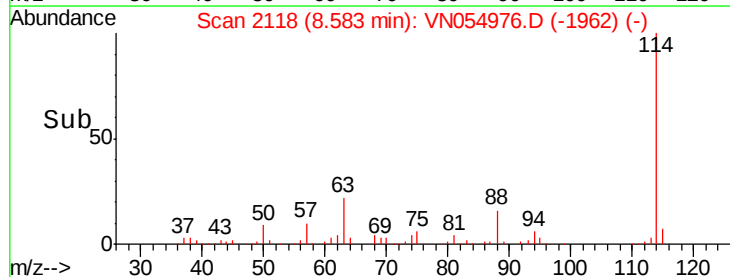
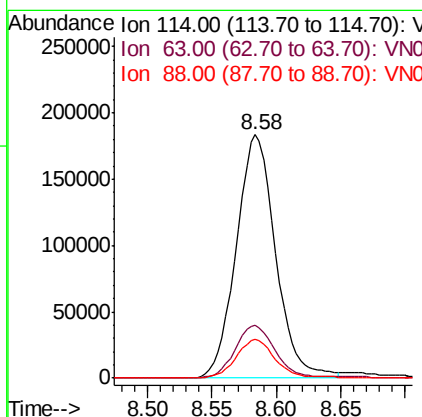
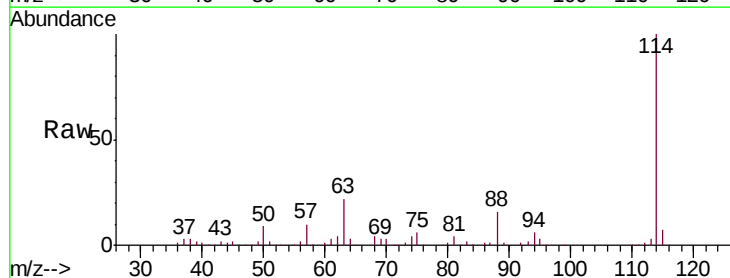
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

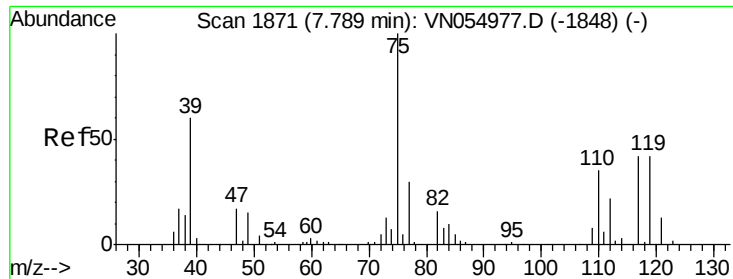
Tgt Ion: 65 Resp: 165548
 Ion Ratio Lower Upper
 65 100
 67 53.1 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 114 Resp: 389759
 Ion Ratio Lower Upper
 114 100
 63 21.8 17.0 25.4
 88 15.6 12.3 18.5

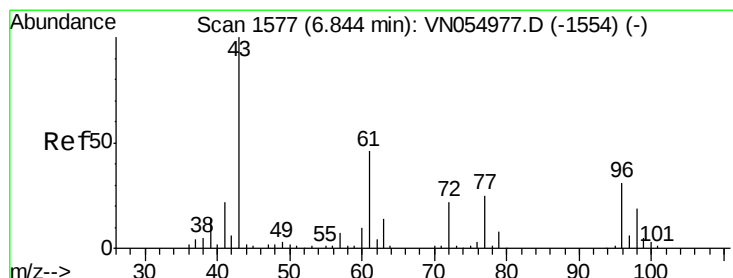
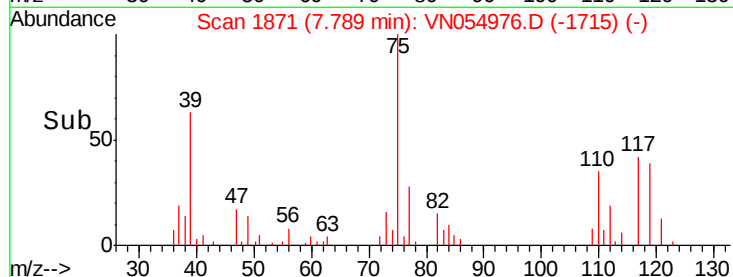
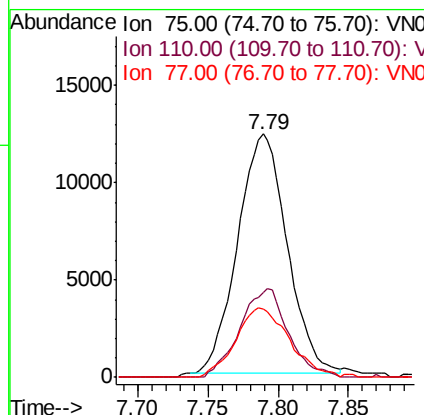
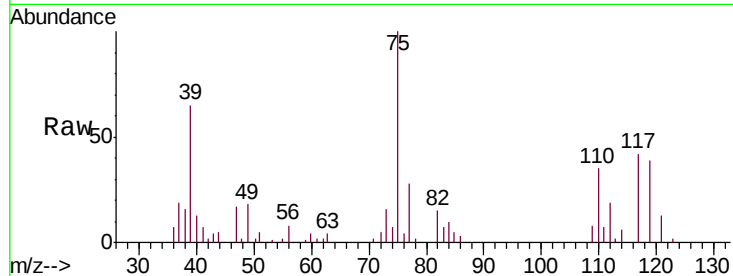




#29
 1,1-Dichloropropene
 Concen: 5.607 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

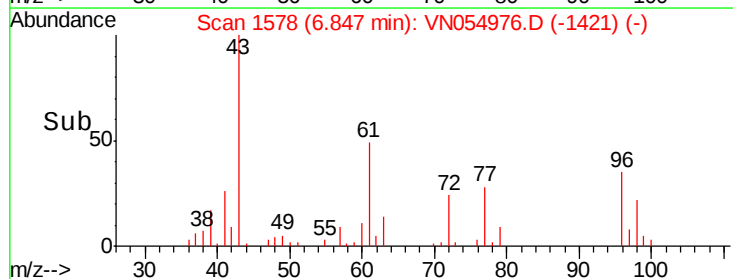
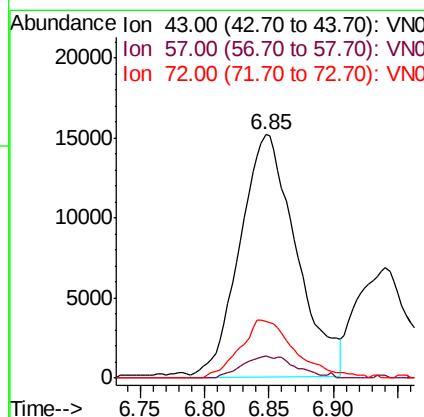
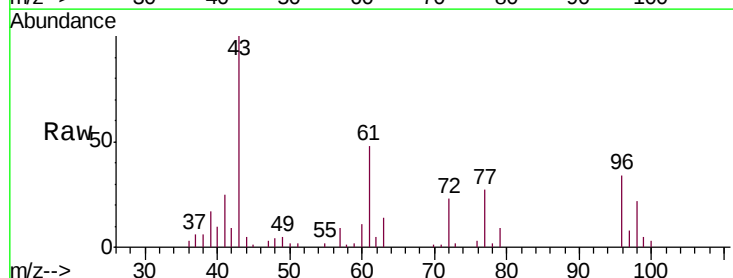
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

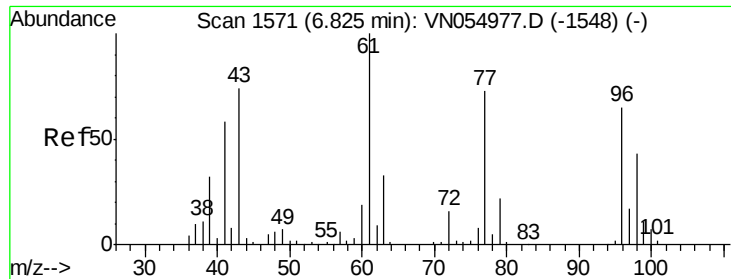
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	68.4
77	31.5	0.0	58.6



#30
 2-Butanone
 Concen: 27.311 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.1	6.0	9.0#
72	23.5	18.6	27.8

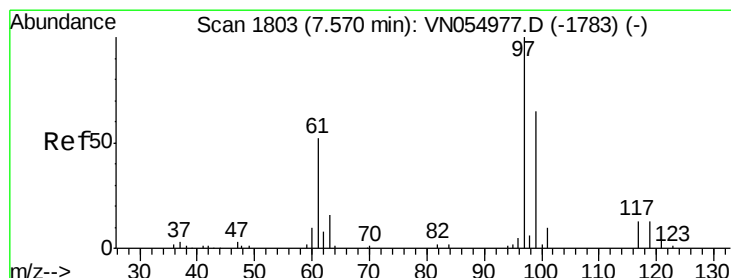
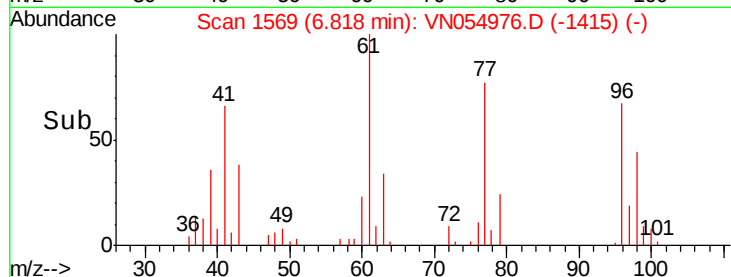
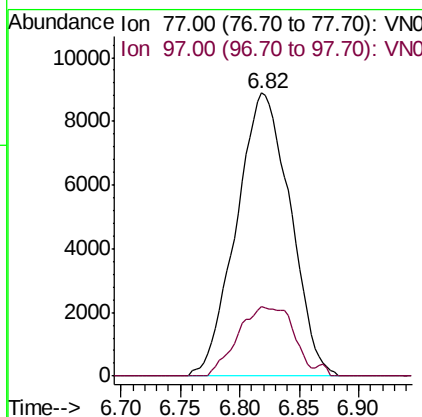
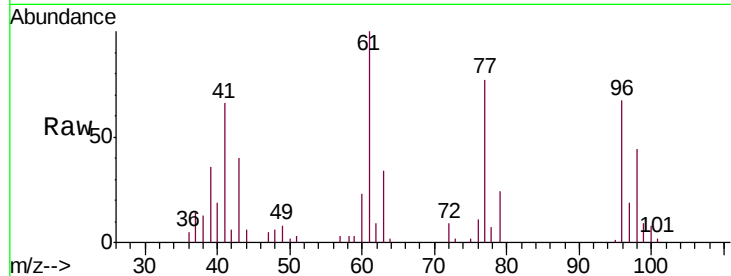




#31
 2,2-Dichloropropane
 Concen: 5.314 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

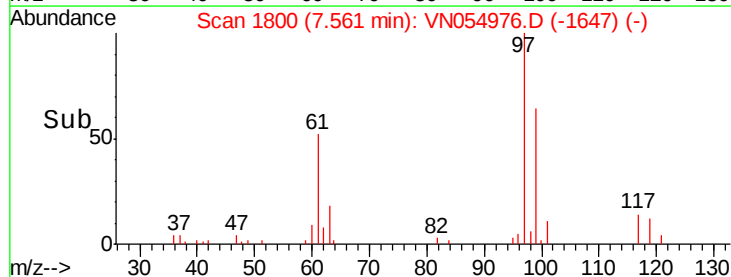
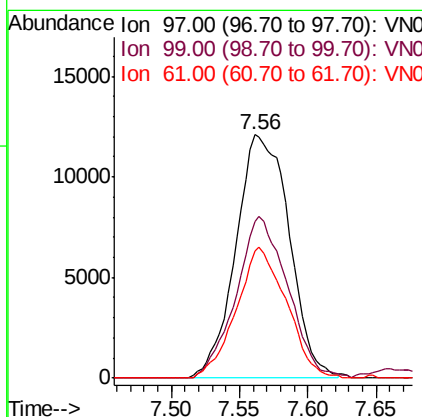
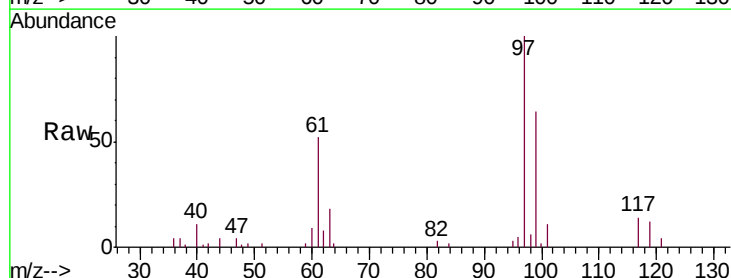
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

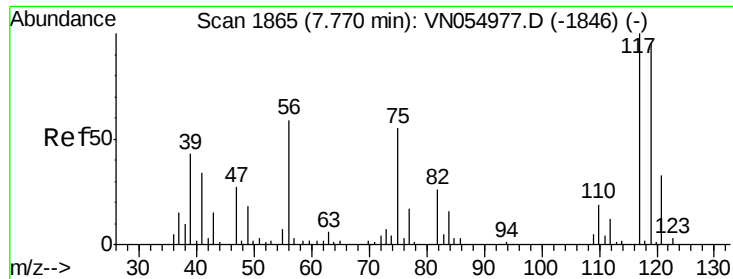
Tgt Ion: 77 Resp: 27914
 Ion Ratio Lower Upper
 77 100
 97 18.9 0.0 0.0#



#32
 1,1,1-Trichloroethane
 Concen: 5.709 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 97 Resp: 32845
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 50.3 40.6 60.8

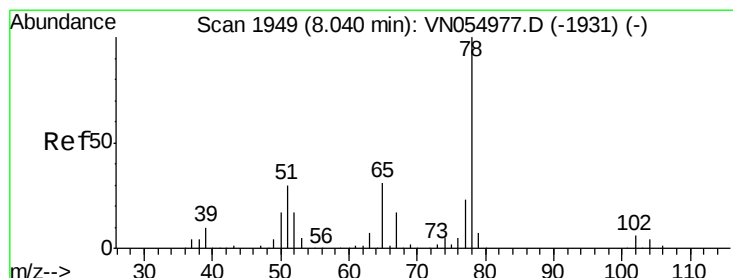
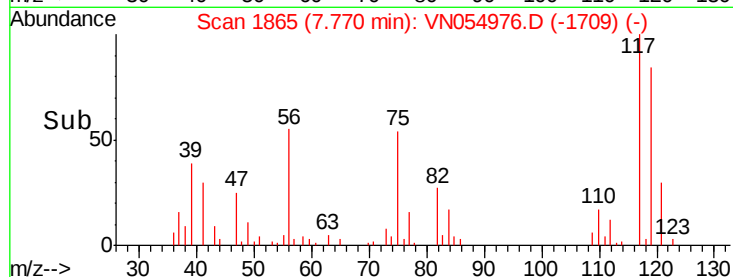
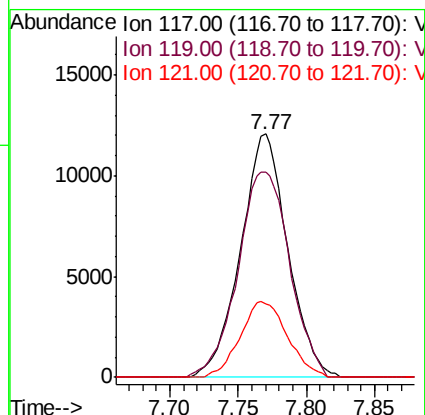
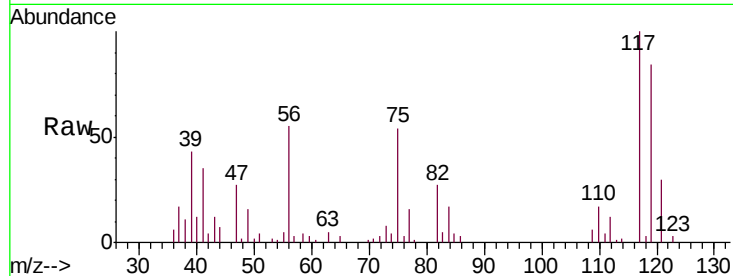




#33
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

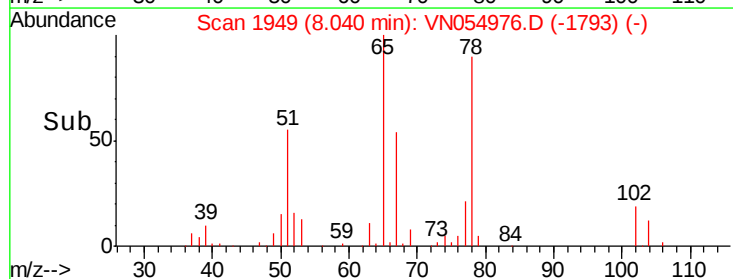
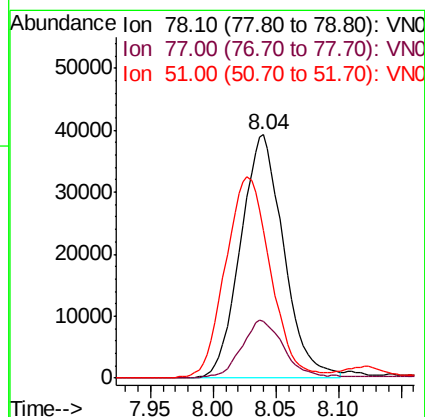
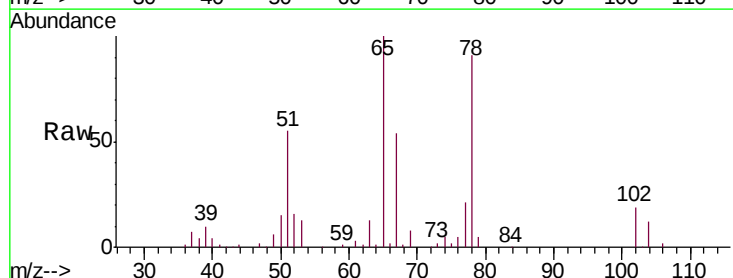
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

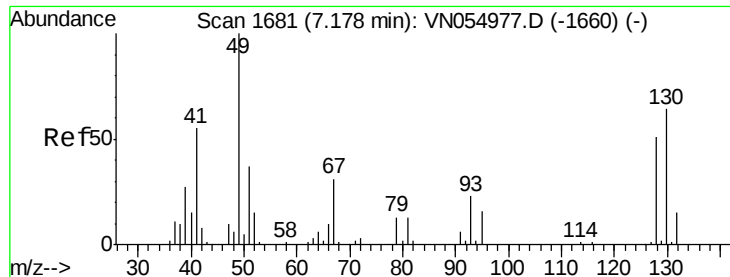
Tgt Ion:117 Resp: 29046
Ion Ratio Lower Upper
117 100
119 84.5 76.1 114.1
121 30.2 26.2 39.4



#34
Benzene
Concen: 5.904 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 78 Resp: 93848
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.4
51 59.4 23.7 35.5#

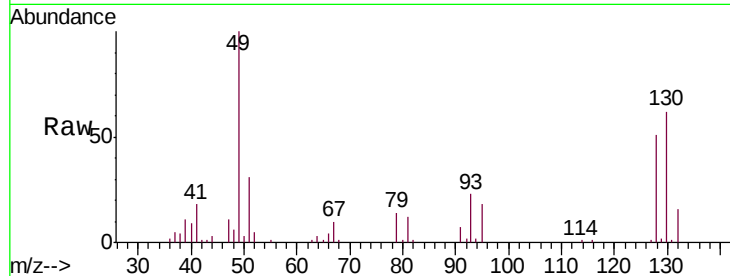




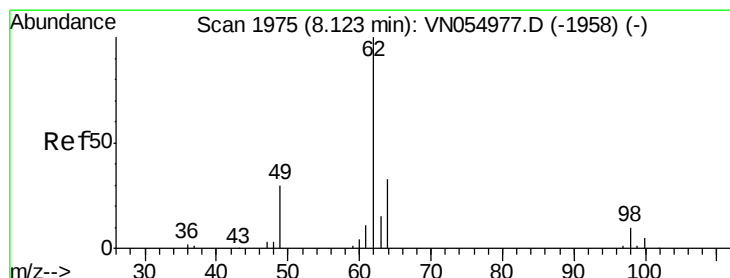
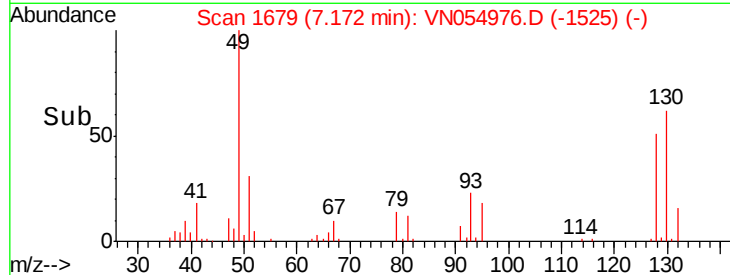
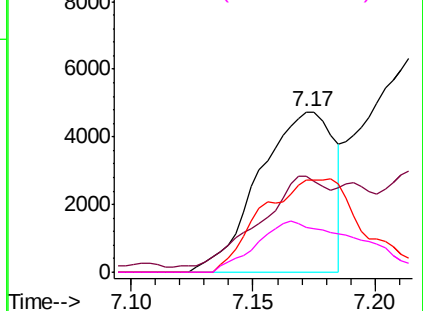
#35
Methacrylonitrile
Concen: 5.263 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 10124
Ion Ratio Lower Upper
41 100
39 55.9 24.2 72.6
67 57.2 28.1 84.2
52 28.0 13.3 39.8

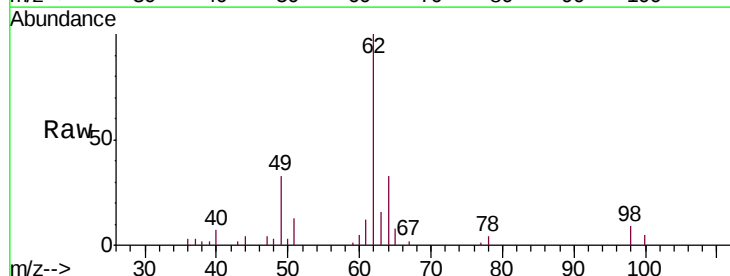


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

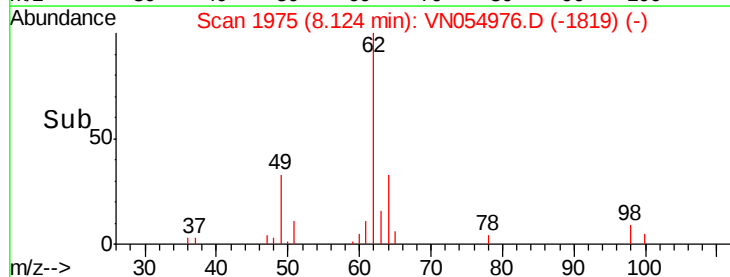
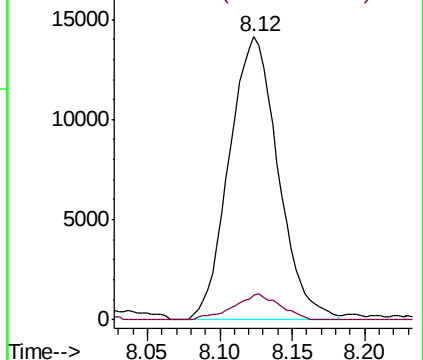


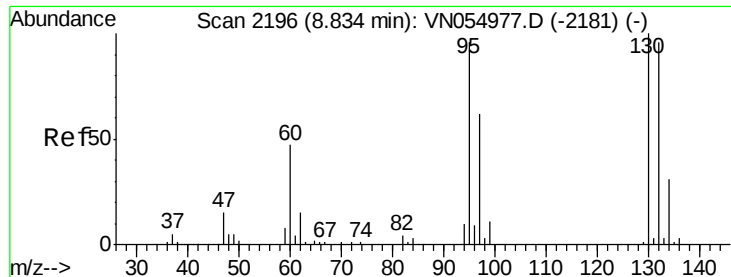
#36
1,2-Dichloroethane
Concen: 6.439 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 62 Resp: 33237
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

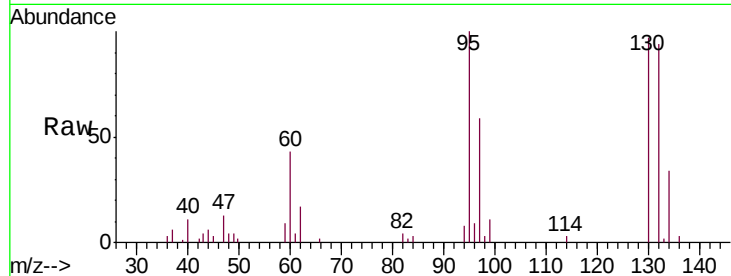




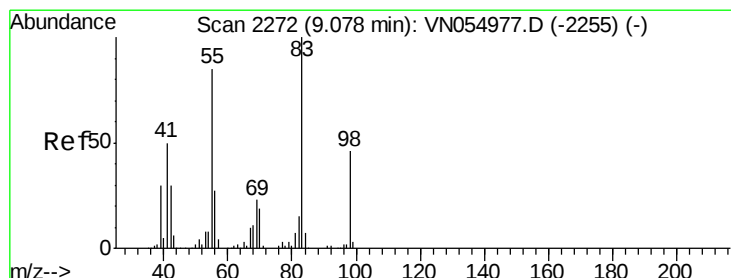
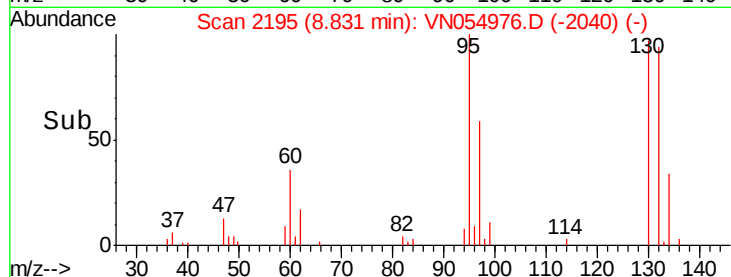
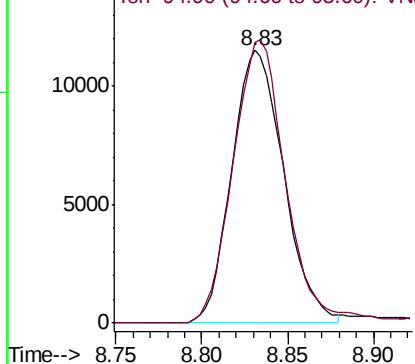
#37
 Trichloroethene
 Concen: 5.835 ug/l
 RT: 8.83 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 130 Resp: 24289
 Ion Ratio Lower Upper
 130 100
 95 103.0 76.6 115.0

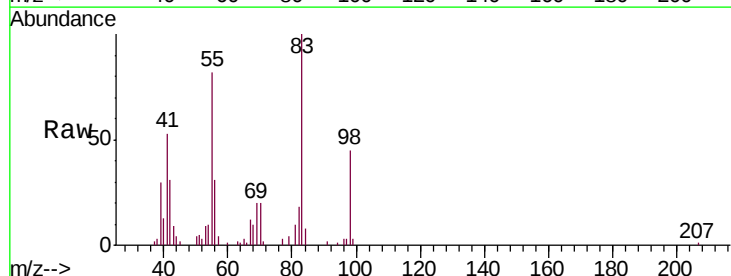


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

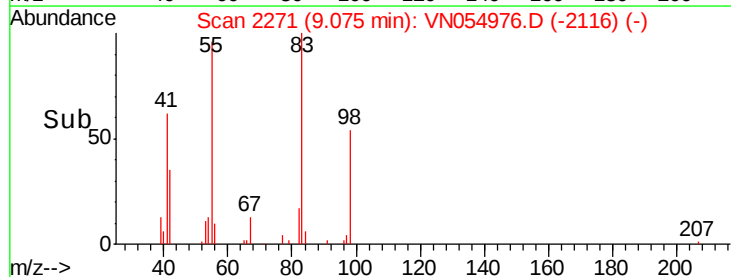
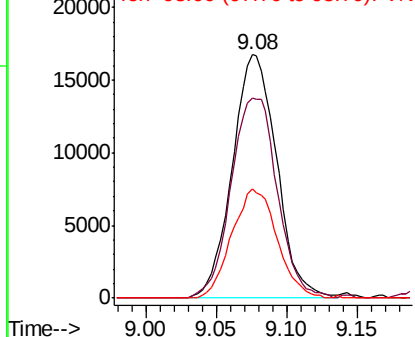


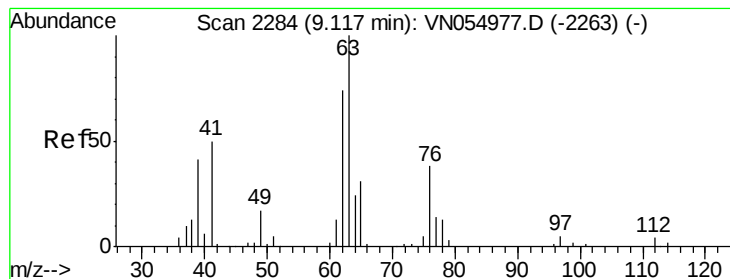
#38
 Methylcyclohexane
 Concen: 5.846 ug/l
 RT: 9.08 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 83 Resp: 36865
 Ion Ratio Lower Upper
 83 100
 55 85.6 41.9 125.6
 98 45.8 22.4 67.0



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





#39

1,2-Dichloropropane

Concen: 5.830 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

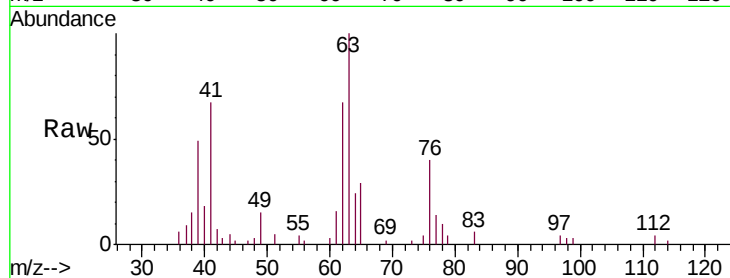
VSTDIC005

Tgt Ion: 63 Resp: 25490

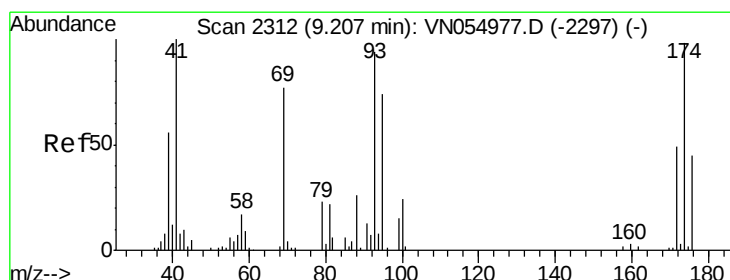
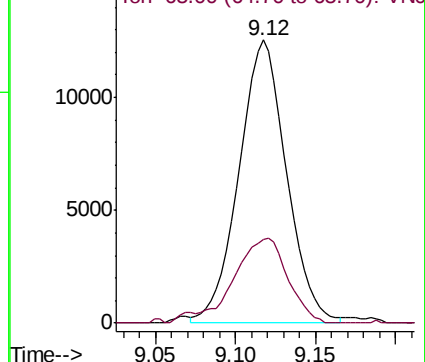
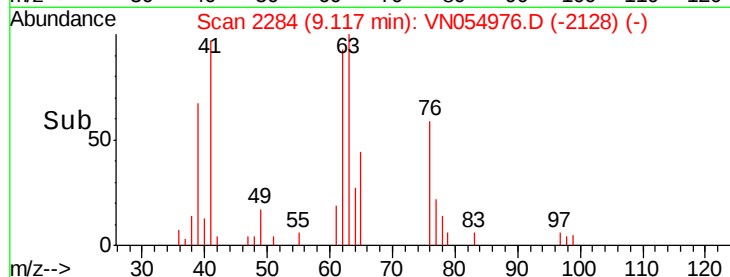
Ion Ratio Lower Upper

63 100

65 30.0 24.8 37.2



Abundance Ion 63.00 (62.70 to 63.70): VN054976.D (-2128) (-)



#40

Dibromomethane

Concen: 6.010 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

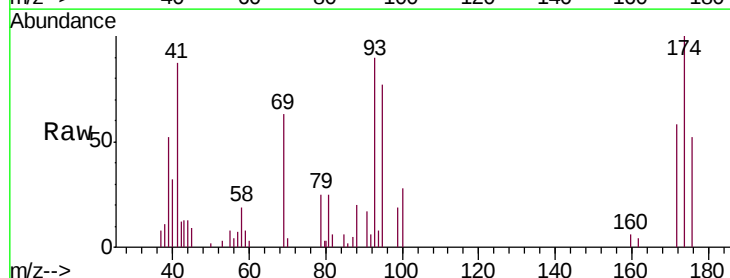
Tgt Ion: 93 Resp: 15017

Ion Ratio Lower Upper

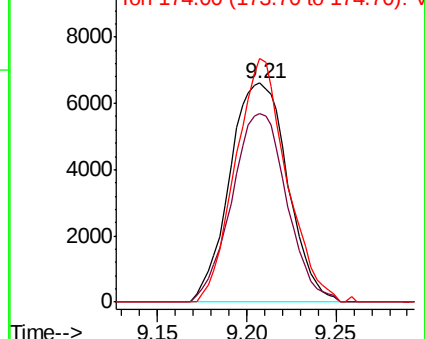
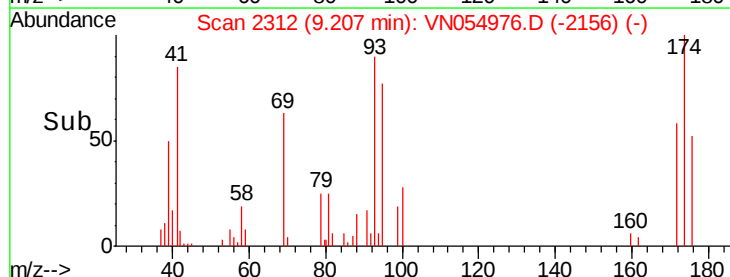
93 100

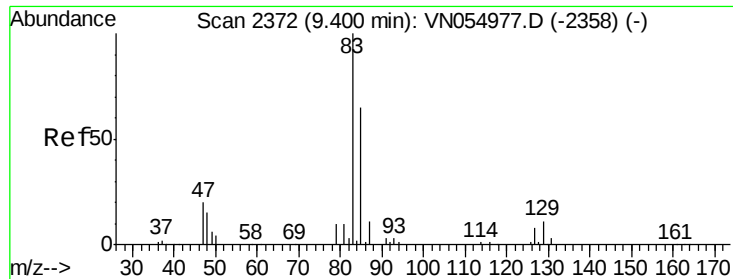
95 81.4 0.0 160.8

174 98.0 0.0 206.4



Abundance Ion 93.00 (92.70 to 93.70): VN054976.D (-2156) (-)





#41

Bromodichloromethane

Concen: 5.421 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

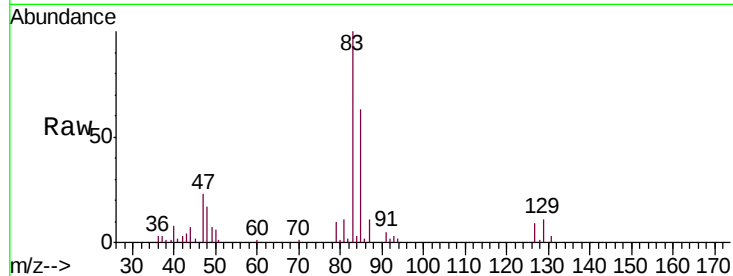
Tgt Ion: 83 Resp: 28601

Ion Ratio Lower Upper

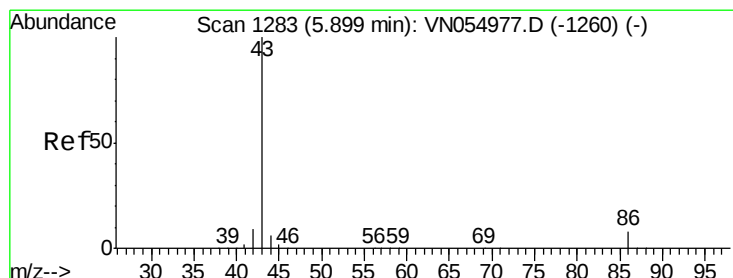
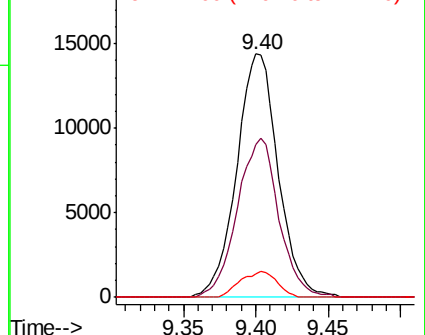
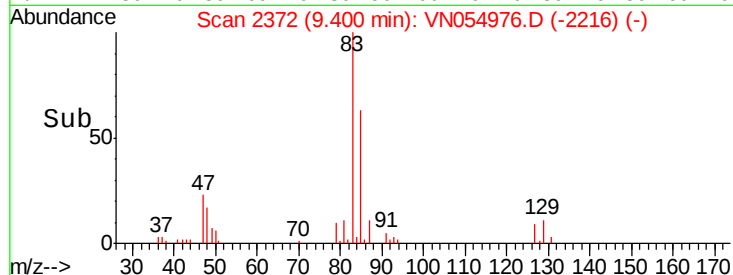
83 100

85 62.8 52.0 78.0

127 9.4 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN054976.D (-2216) (-)



#42

Vinyl Acetate

Concen: 26.972 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN054976.D

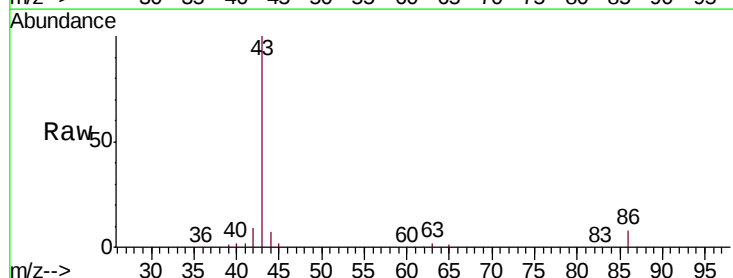
Acq: 11 Apr 2019 14:26

Tgt Ion: 43 Resp: 232716

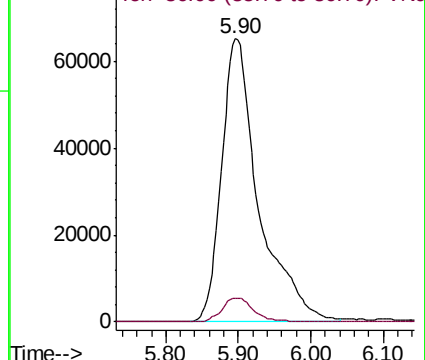
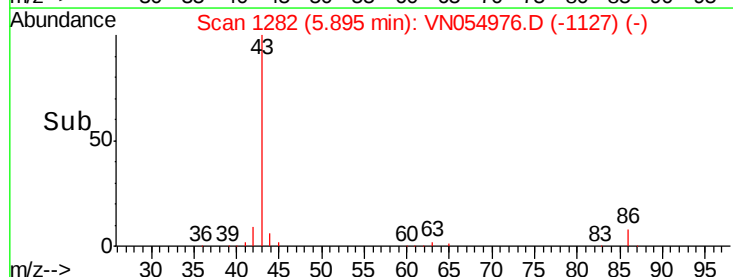
Ion Ratio Lower Upper

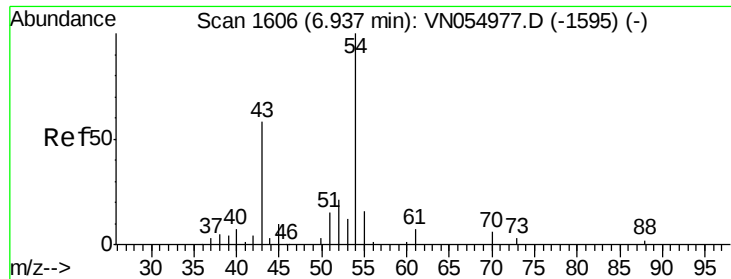
43 100

86 7.1 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VN054976.D (-1127) (-)





#43

Ethyl Acetate

Concen: 5.812 ug/l

RT: 6.94 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

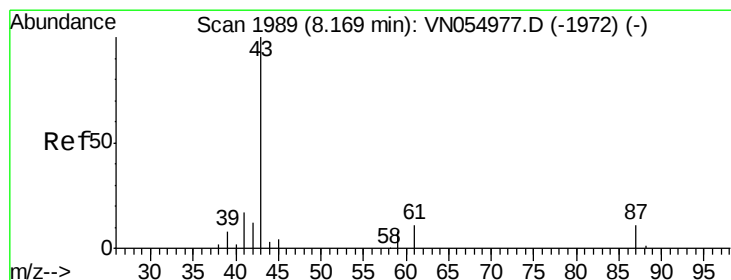
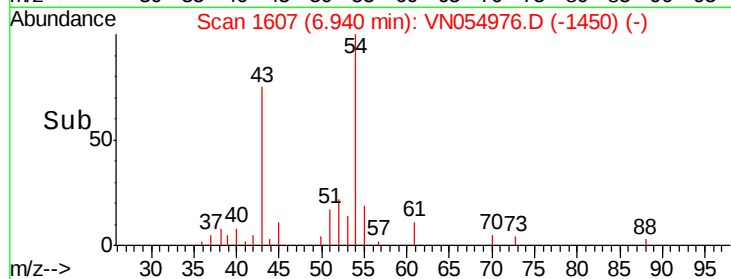
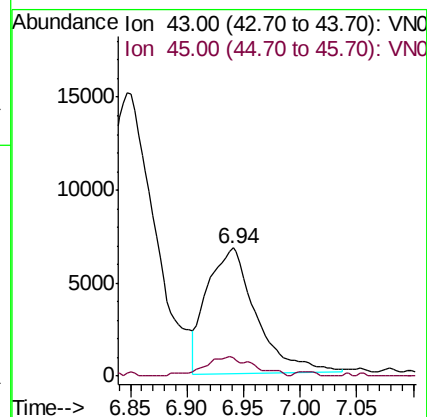
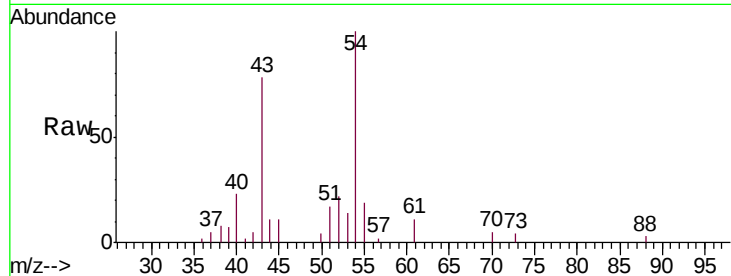
VSTDIC005

Tgt Ion: 43 Resp: 20464

Ion Ratio Lower Upper

43 100

45 3.9 10.6 15.8#



#44

Isopropyl Acetate

Concen: 5.221 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN054976.D

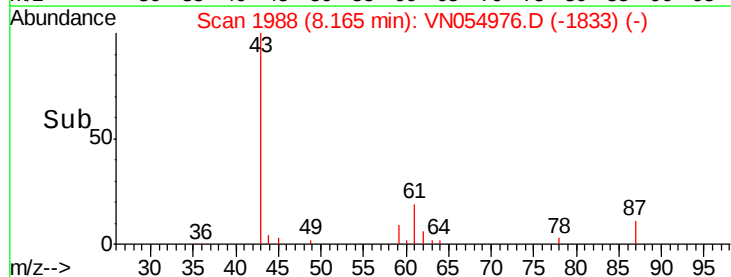
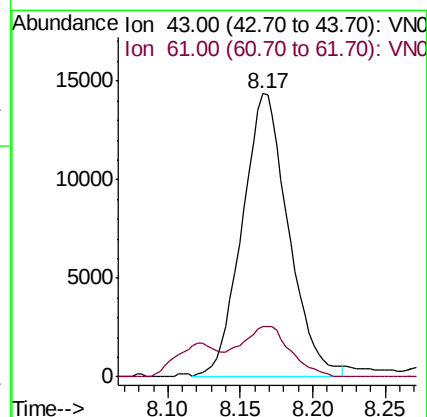
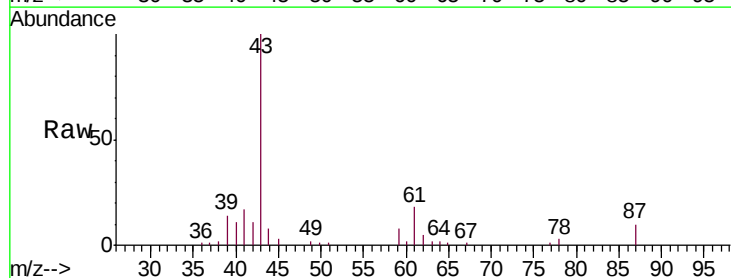
Acq: 11 Apr 2019 14:26

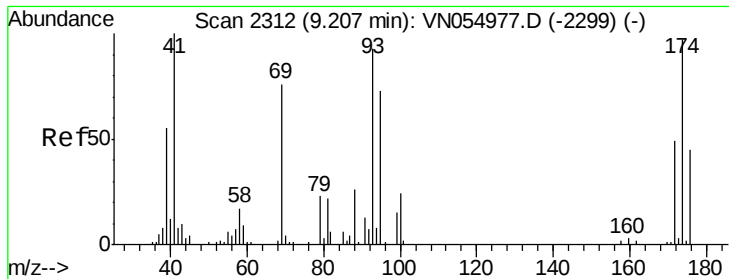
Tgt Ion: 43 Resp: 32041

Ion Ratio Lower Upper

43 100

61 16.4 14.8 22.2

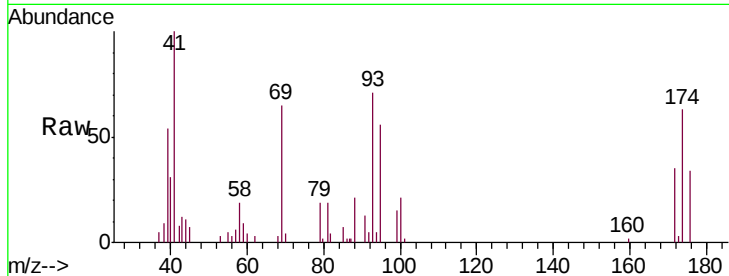




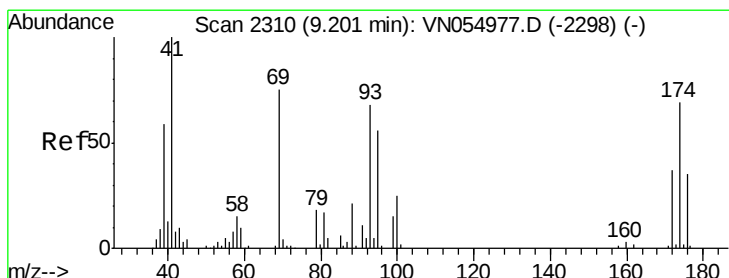
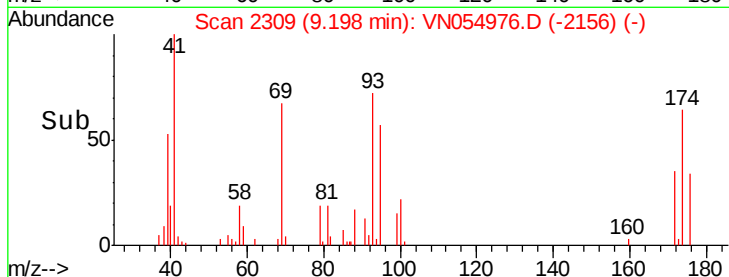
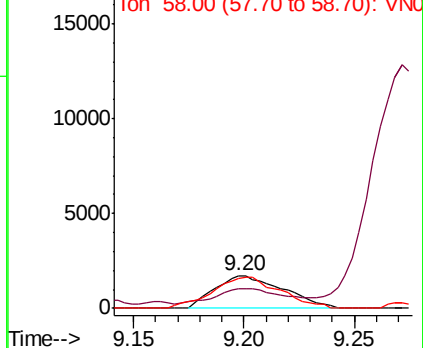
#45
1,4-Dioxane
Concen: 114.551 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.01 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3737
Ion Ratio Lower Upper
88 100
43 44.0 34.5 51.7
58 93.6 60.3 90.5#

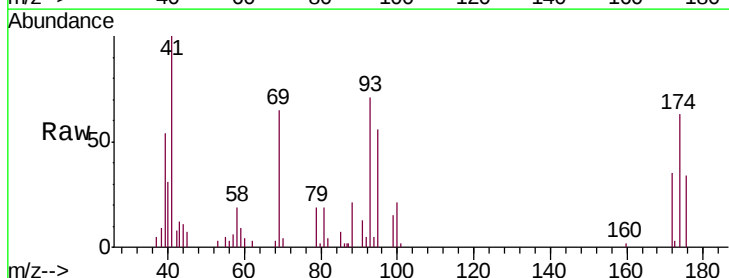


Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

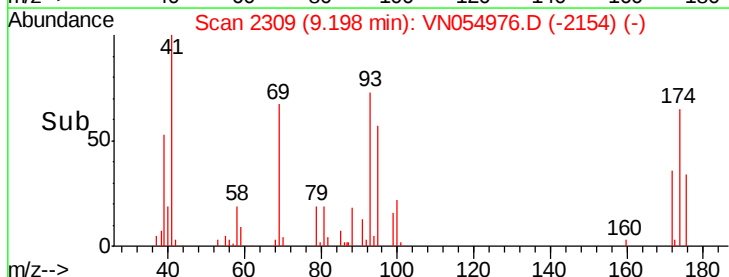
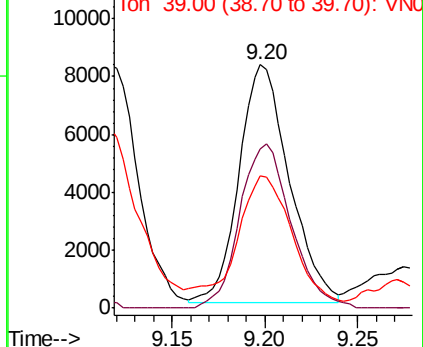


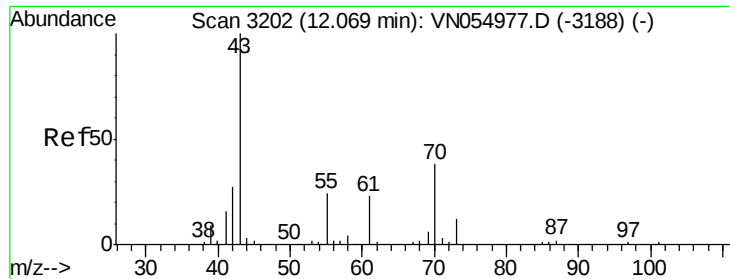
#46
Methyl methacrylate
Concen: 5.279 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 41 Resp: 15591
Ion Ratio Lower Upper
41 100
69 67.8 37.3 111.9
39 53.1 29.4 88.2



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

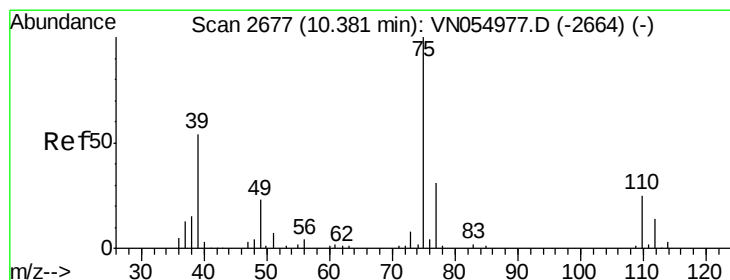
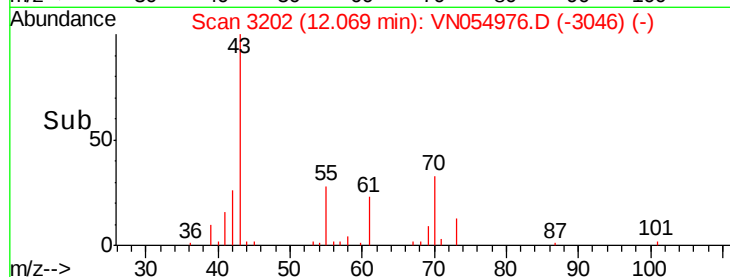
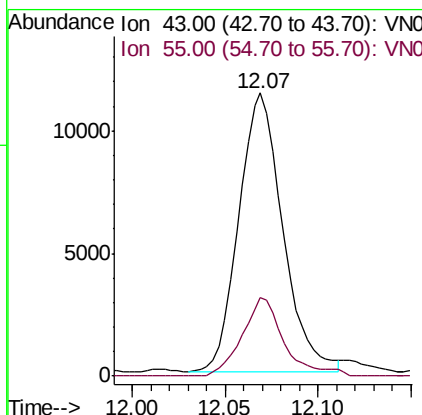
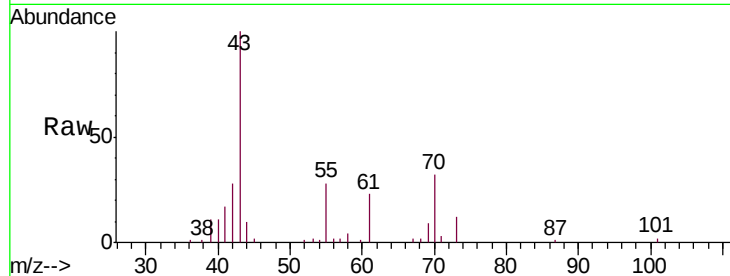




#47
n-amyl Acetate
Concen: 4.210 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

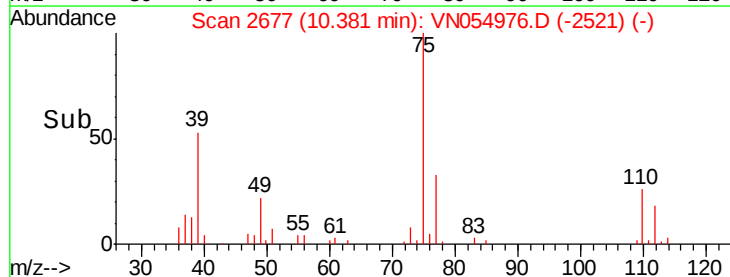
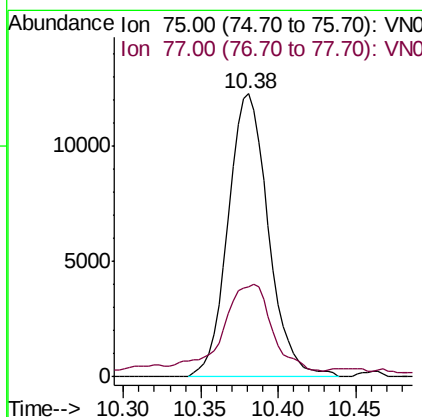
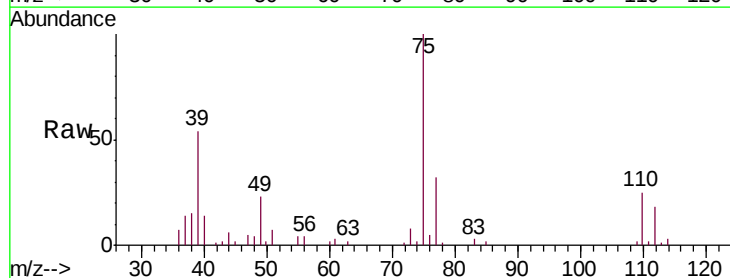
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

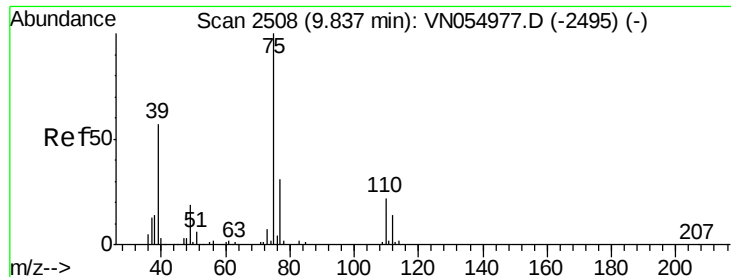
Tgt Ion: 43 Resp: 18658
Ion Ratio Lower Upper
43 100
55 26.2 19.8 29.6



#48
t-1,3-Dichloropropene
Concen: 4.282 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 75 Resp: 22257
Ion Ratio Lower Upper
75 100
77 28.9 24.6 37.0



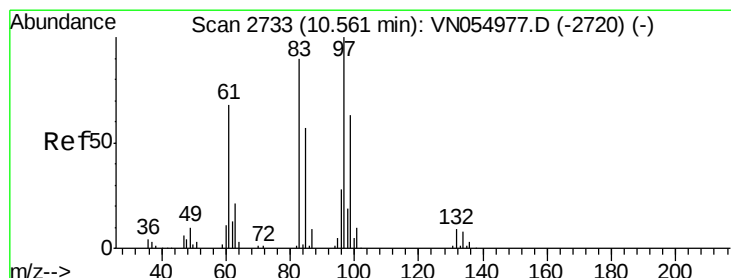
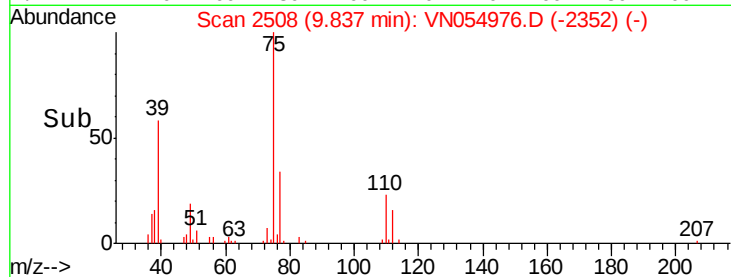
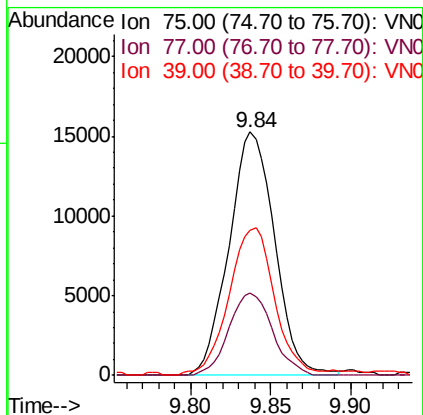
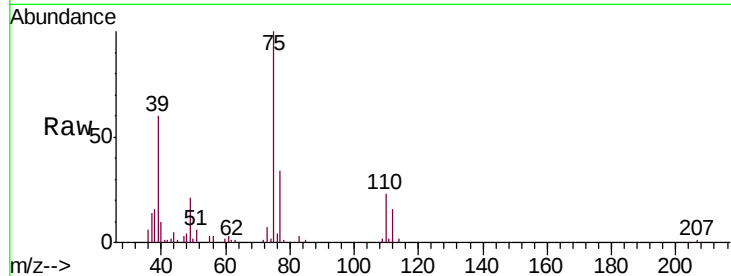


#49

cis-1,3-Dichloropropene
 Concen: 4.834 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

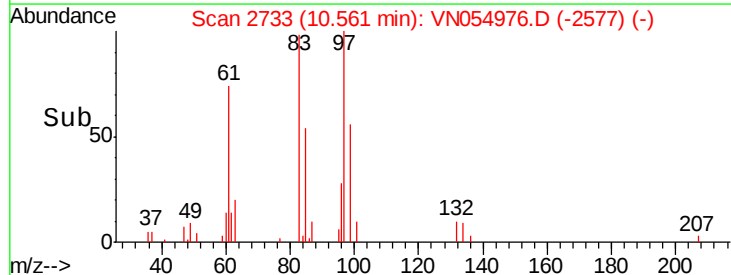
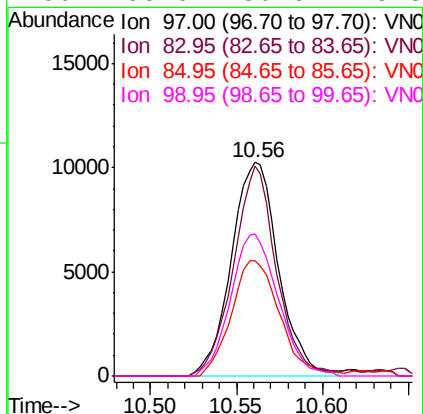
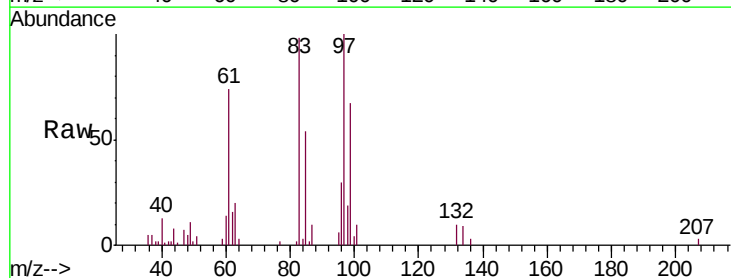
Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	24.7	37.1
39	58.1	45.3	67.9

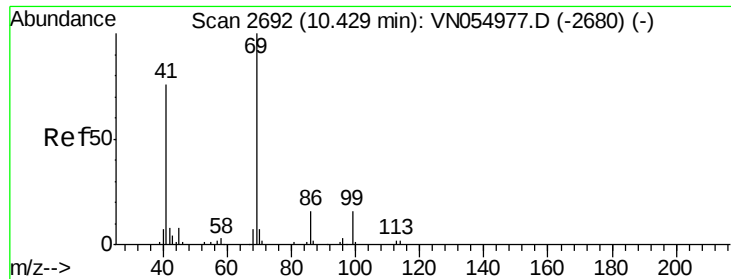


#50

1,1,2-Trichloroethane
 Concen: 5.605 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion	Ratio	Lower	Upper
97	100		
83	98.1	72.1	108.1
85	54.1	45.4	68.0
99	66.6	50.6	75.8





#51

Ethyl methacrylate

Concen: 4.977 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

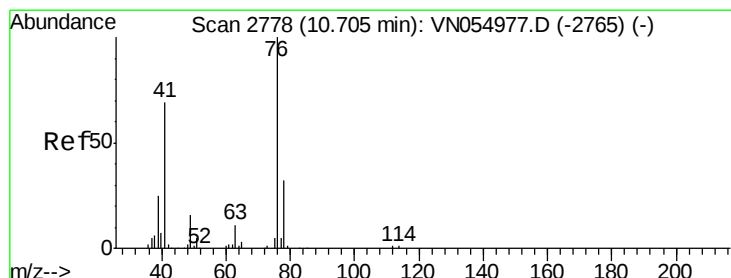
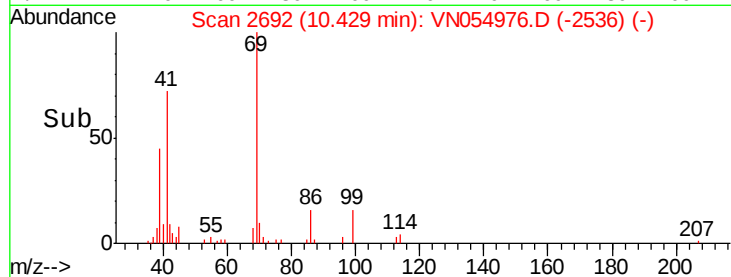
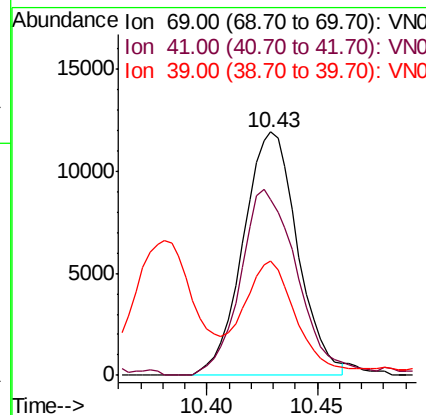
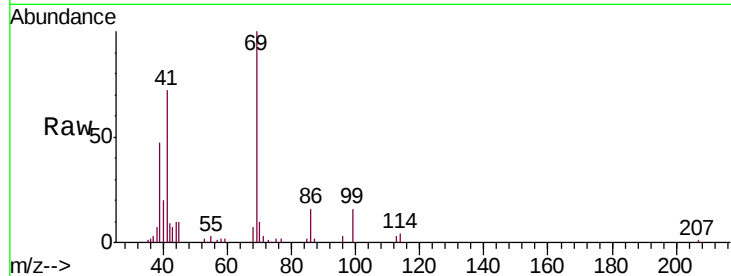
Tgt Ion: 69 Resp: 20454

Ion Ratio Lower Upper

69 100

41 72.3 37.9 113.7

39 43.8 19.8 59.4



#52

1,3-Dichloropropane

Concen: 5.473 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN054976.D

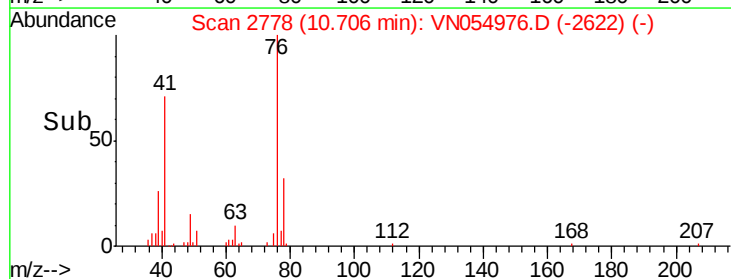
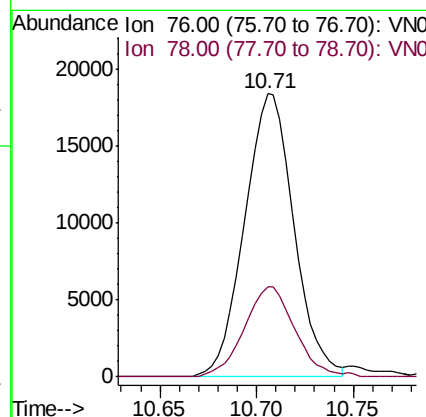
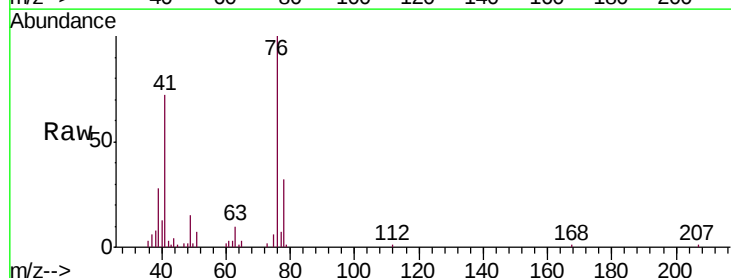
Acq: 11 Apr 2019 14:26

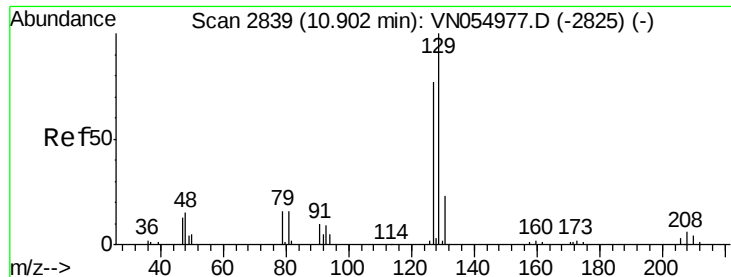
Tgt Ion: 76 Resp: 32710

Ion Ratio Lower Upper

76 100

78 32.5 0.0 64.4





#53

Dibromochloromethane

Concen: 4.701 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

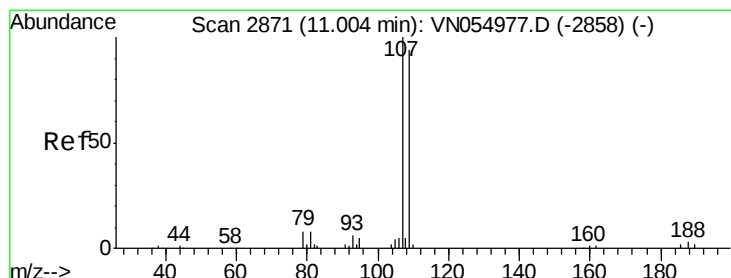
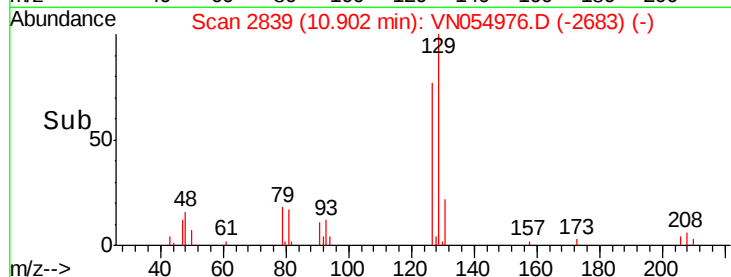
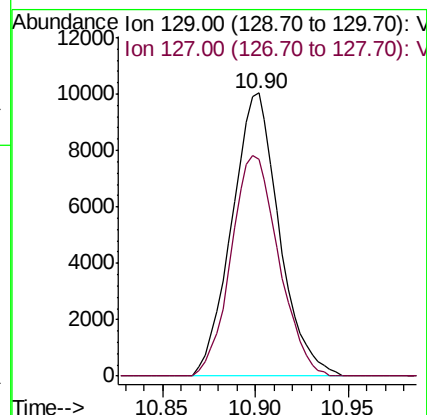
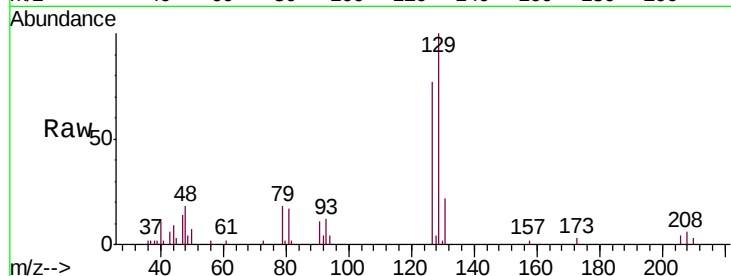
VSTDIC005

Tgt Ion:129 Resp: 17813

Ion Ratio Lower Upper

129 100

127 78.1 37.8 113.3



#54

1,2-Dibromoethane

Concen: 5.206 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054976.D

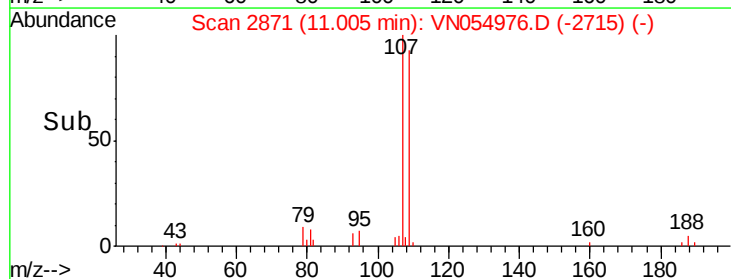
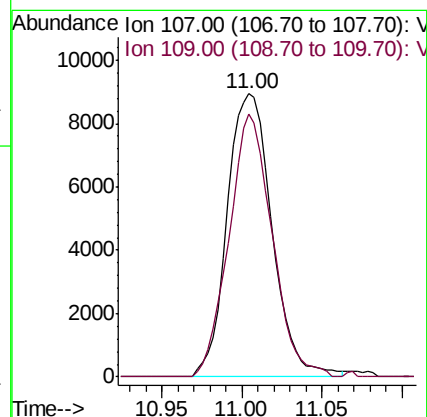
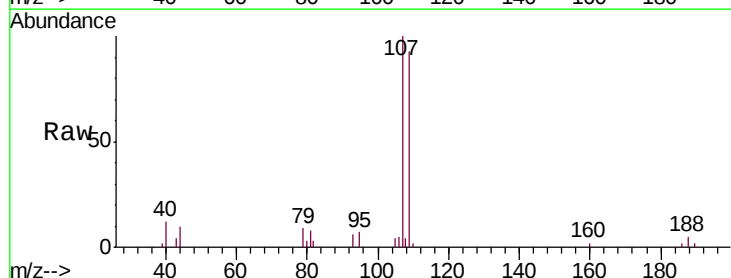
Acq: 11 Apr 2019 14:26

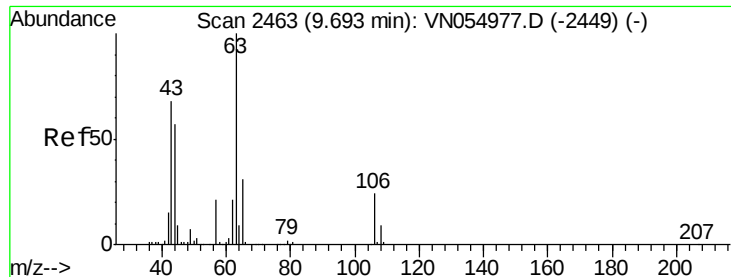
Tgt Ion:107 Resp: 17123

Ion Ratio Lower Upper

107 100

109 89.2 76.2 114.2

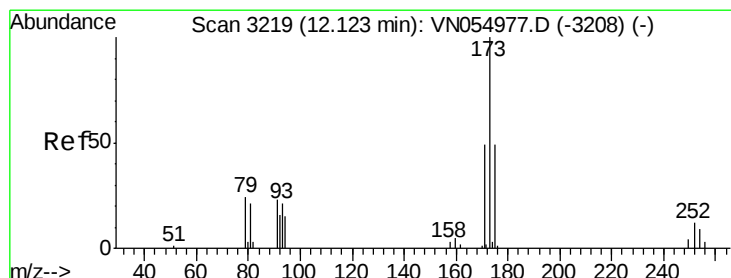
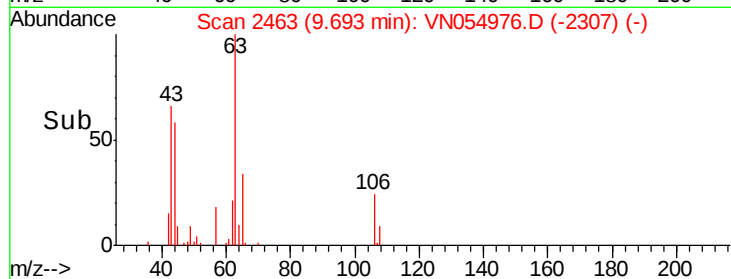
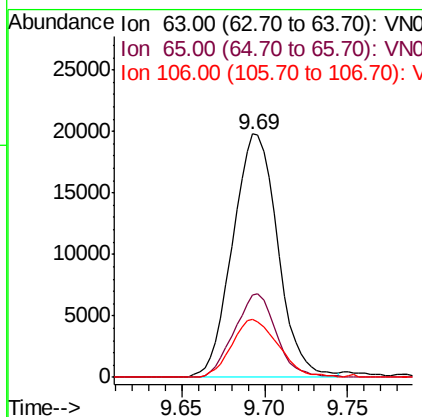
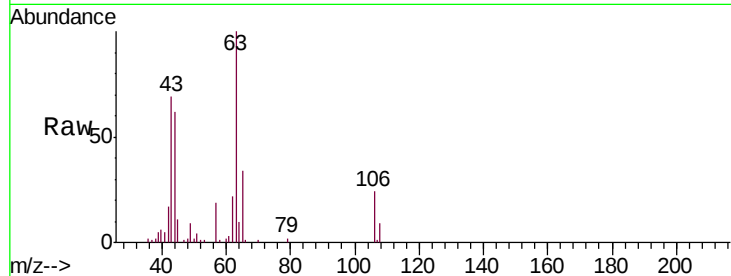




#55
2-Chloroethyl vinyl ether
Concen: 19.834 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

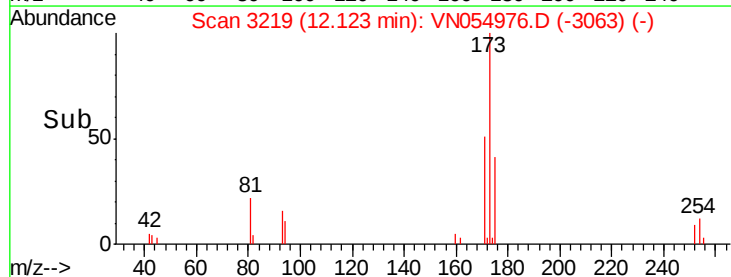
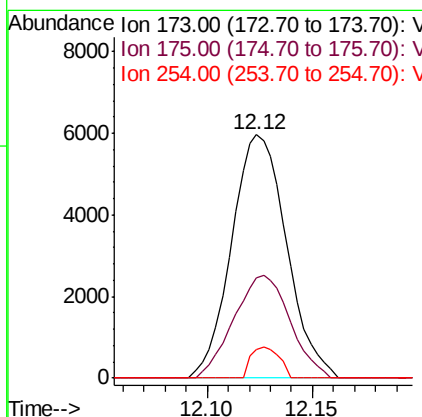
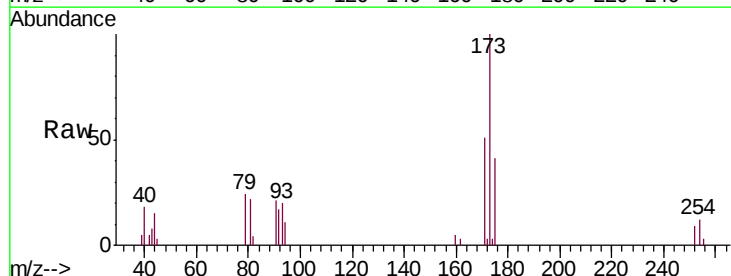
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

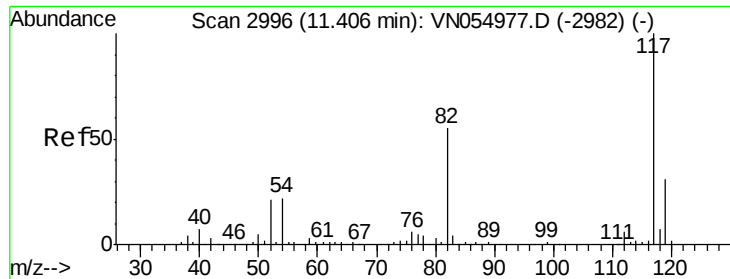
Tgt Ion: 63 Resp: 37479
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 24.5 19.8 29.6



#56
Bromoform
Concen: 4.340 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 173 Resp: 10808
Ion Ratio Lower Upper
173 100
175 43.1 38.6 57.8
254 6.6 6.8 10.2#

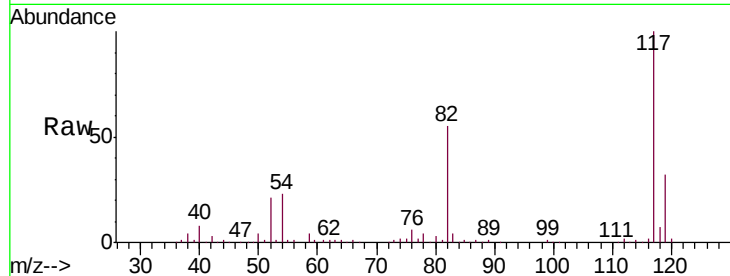




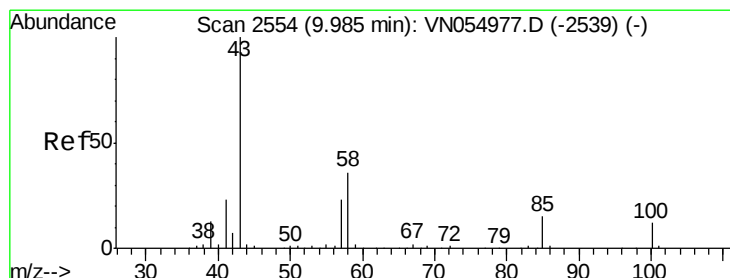
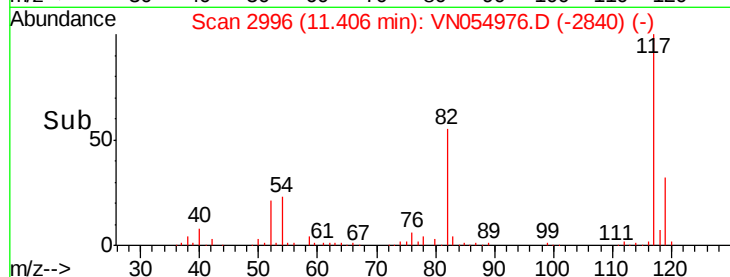
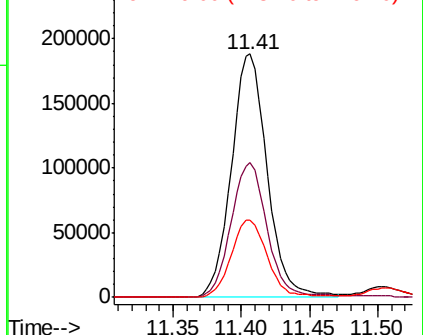
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 117 Resp: 343421
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.1 25.4 38.2

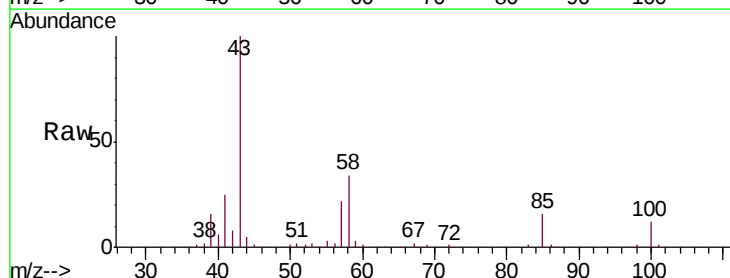


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

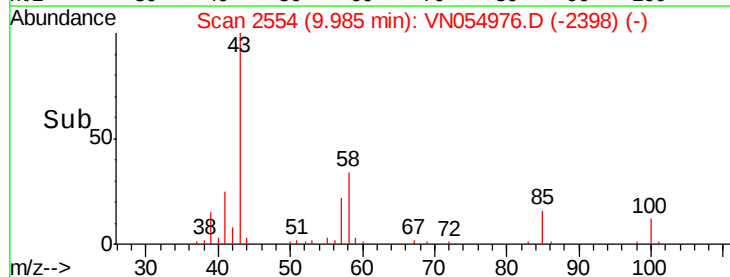
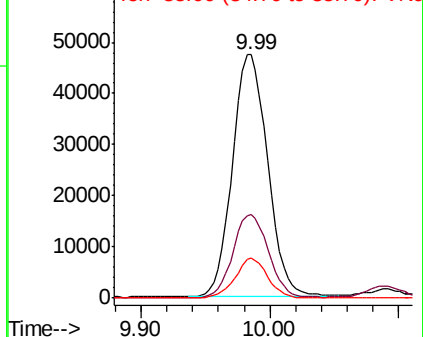


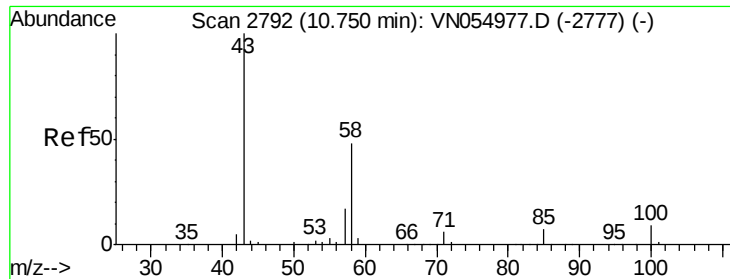
#58
4-Methyl-2-Pentanone
Concen: 26.983 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 43 Resp: 90353
Ion Ratio Lower Upper
43 100
58 34.7 28.7 43.1
85 14.9 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V

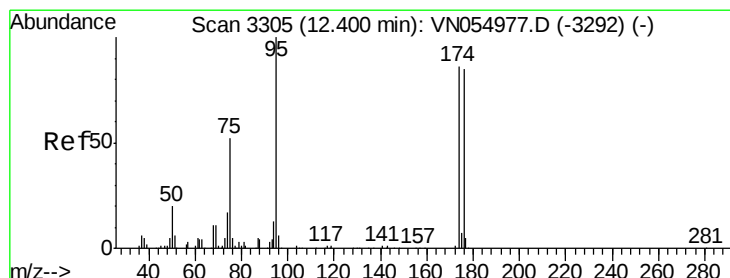
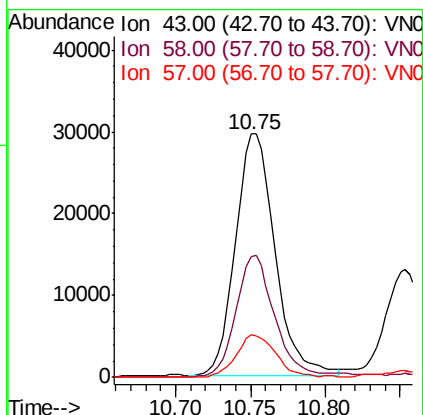
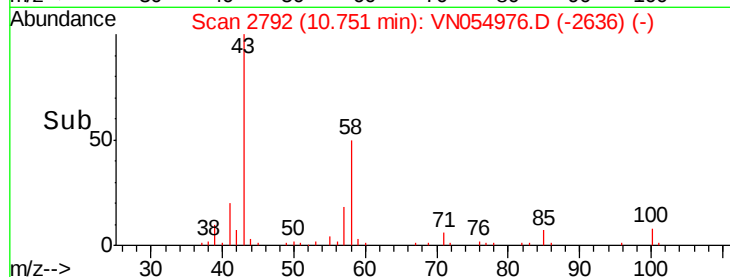
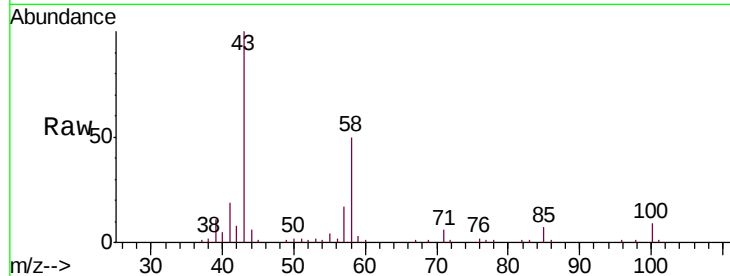




#59
2-Hexanone
Concen: 24.945 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

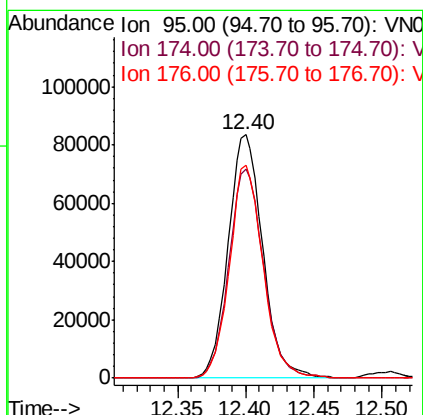
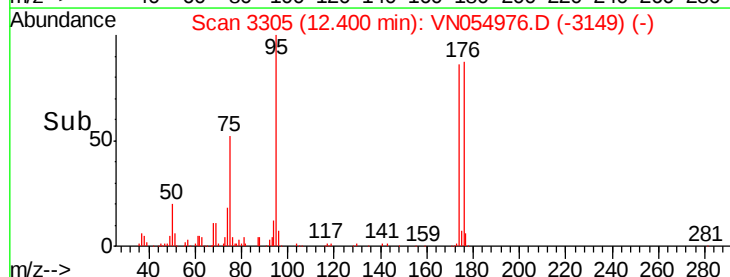
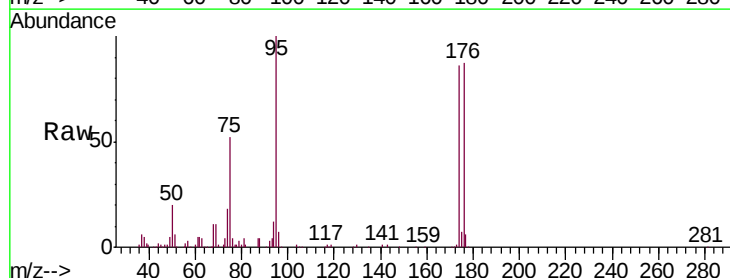
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

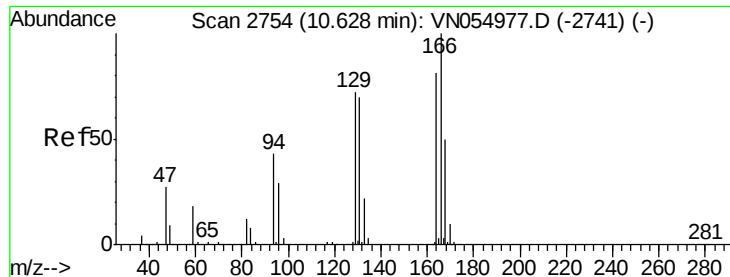
Tgt Ion: 43 Resp: 54593
Ion Ratio Lower Upper
43 100
58 49.0 38.8 58.2
57 17.4 13.8 20.6



#60
4-Bromofluorobenzene
Concen: 24.945 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 95 Resp: 147212
Ion Ratio Lower Upper
95 100
174 86.1 69.4 104.2
176 84.7 67.4 101.2





#61

Tetrachloroethene

Concen: 5.765 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 24315

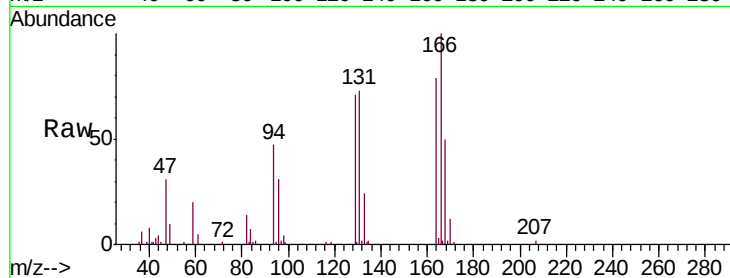
Ion Ratio Lower Upper

164 100

166 125.9 99.0 148.4

129 89.9 71.4 107.0

131 90.8 68.8 103.2

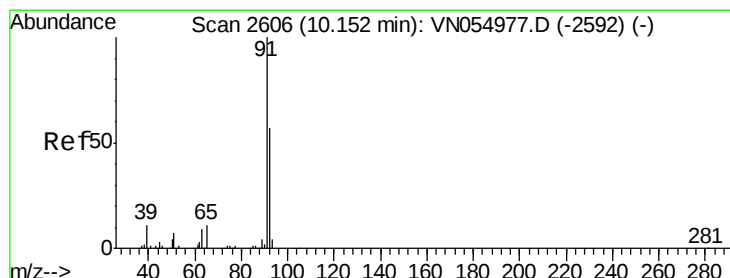
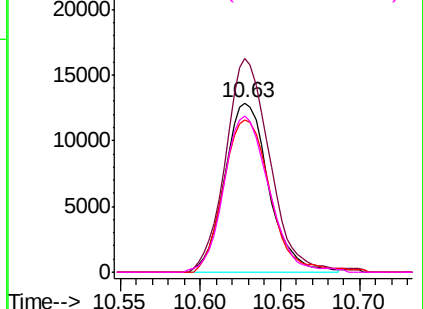
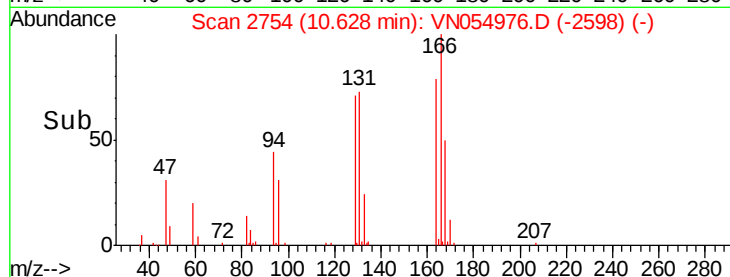


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.886 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN054976.D

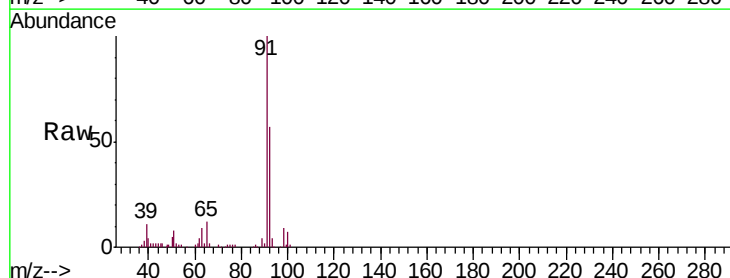
Acq: 11 Apr 2019 14:26

Tgt Ion: 91 Resp: 99151

Ion Ratio Lower Upper

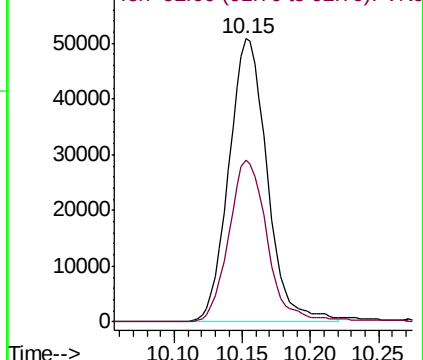
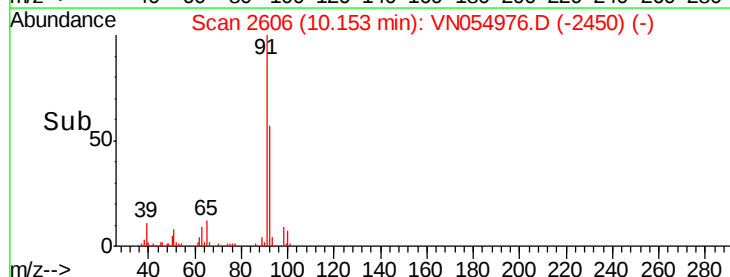
91 100

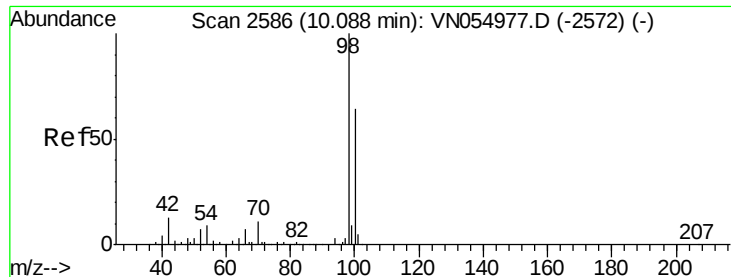
92 56.2 44.8 67.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 5.886 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

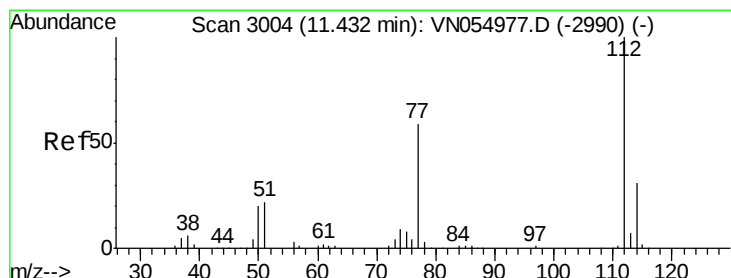
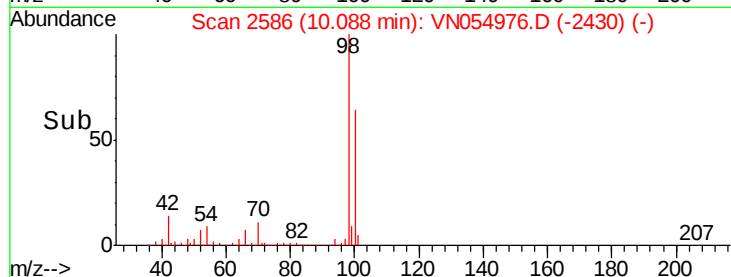
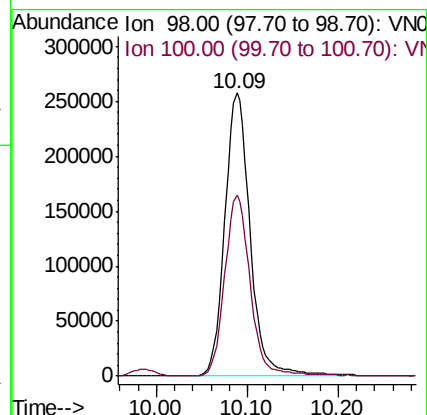
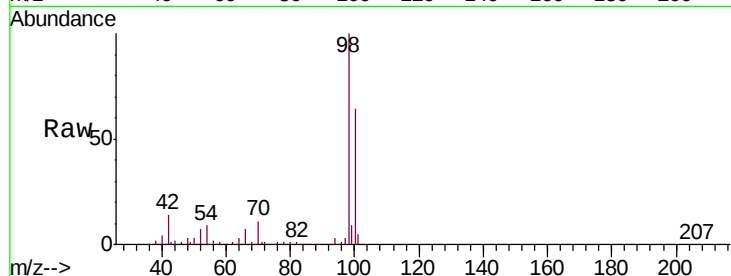
VSTDIC005

Tgt Ion: 98 Resp: 499875

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#64

Chlorobenzene

Concen: 5.541 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054976.D

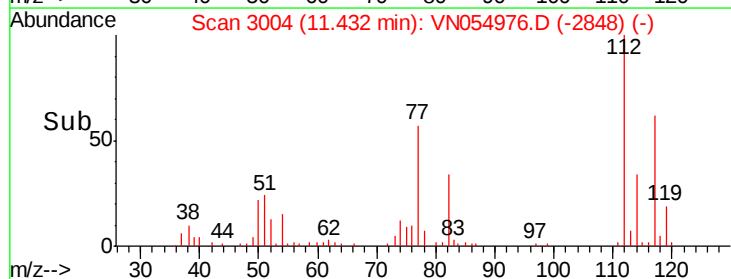
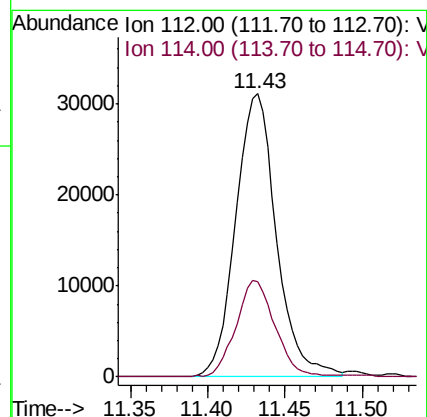
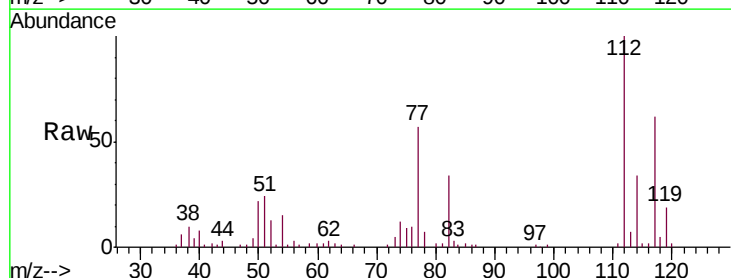
Acq: 11 Apr 2019 14:26

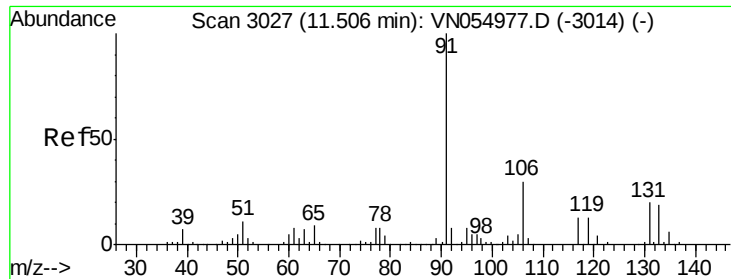
Tgt Ion: 112 Resp: 56949

Ion Ratio Lower Upper

112 100

114 33.6 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 5.252 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

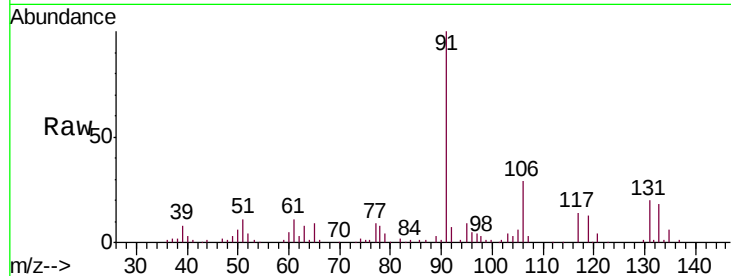
Tgt Ion: 131 Resp: 19705

Ion Ratio Lower Upper

131 100

133 91.7 0.0 187.8

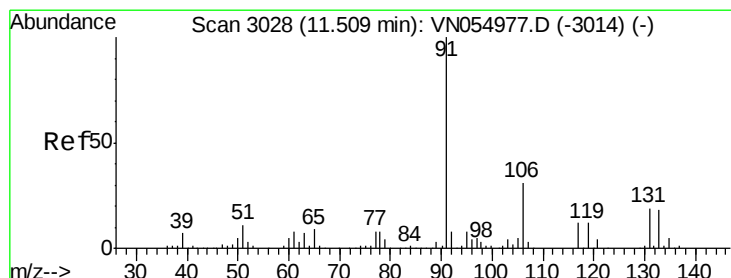
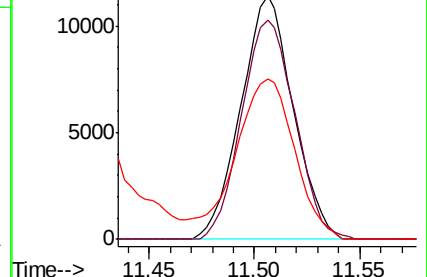
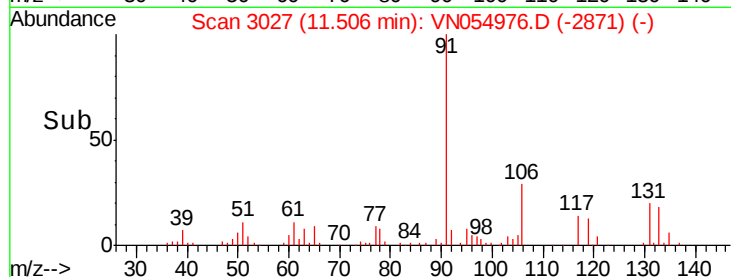
119 73.2 0.0 131.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 5.802 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054976.D

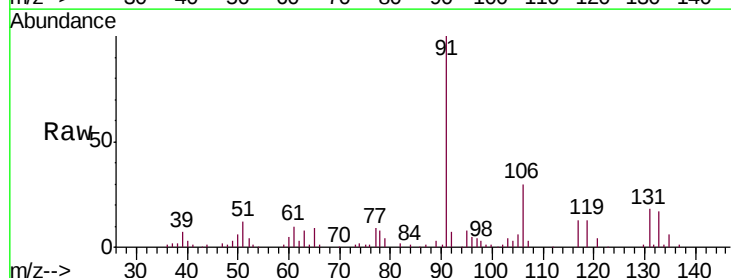
Acq: 11 Apr 2019 14:26

Tgt Ion: 91 Resp: 102142

Ion Ratio Lower Upper

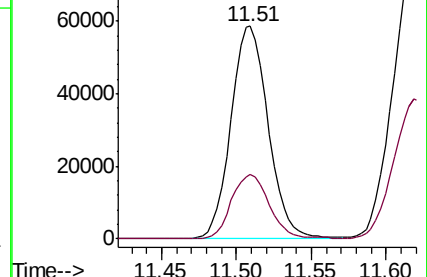
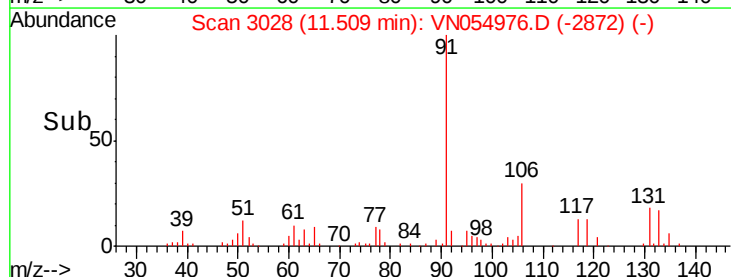
91 100

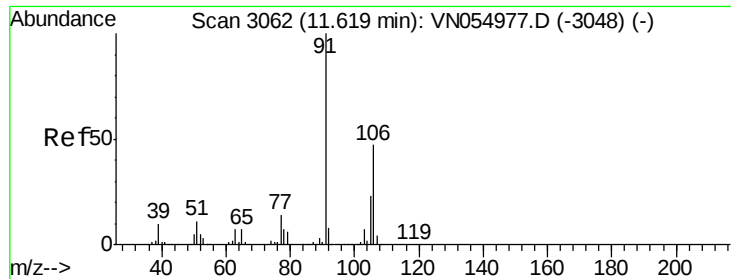
106 30.2 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 11.146 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

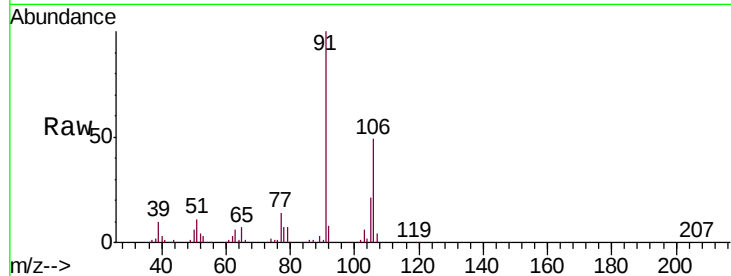
VSTDIC005

Tgt Ion:106 Resp: 73540

Ion Ratio Lower Upper

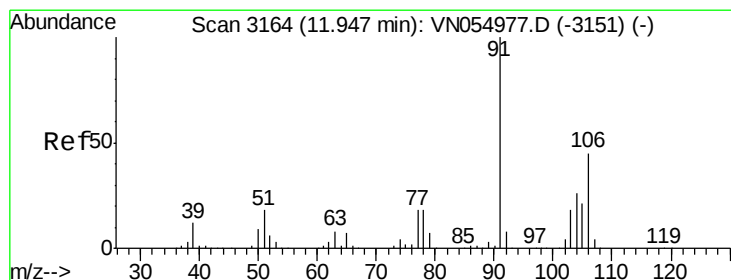
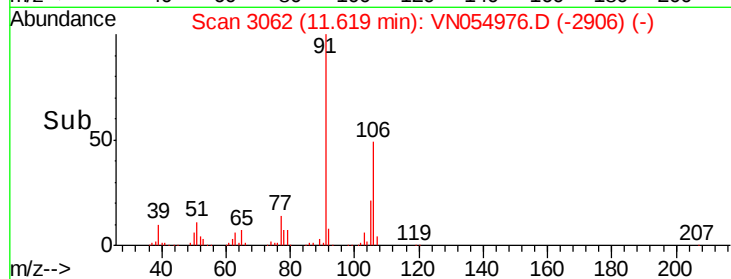
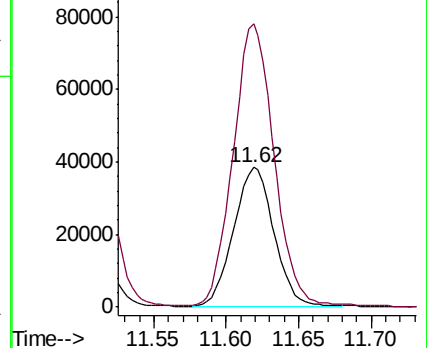
106 100

91 207.2 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 5.782 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN054976.D

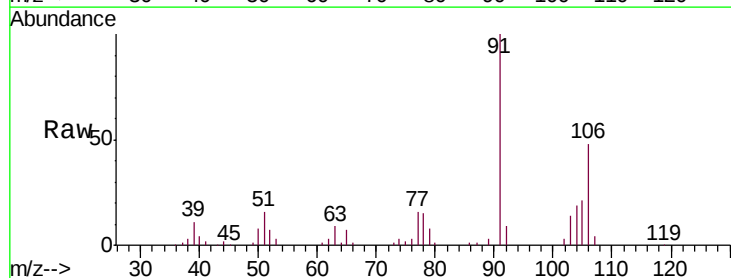
Acq: 11 Apr 2019 14:26

Tgt Ion:106 Resp: 37126

Ion Ratio Lower Upper

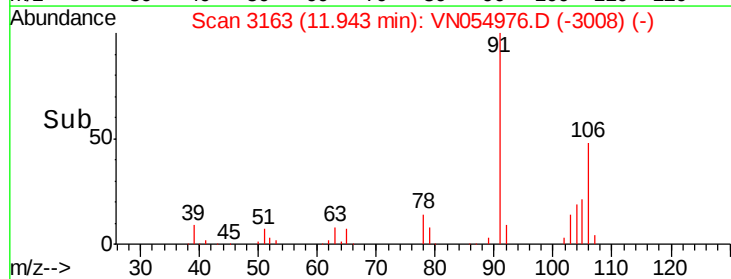
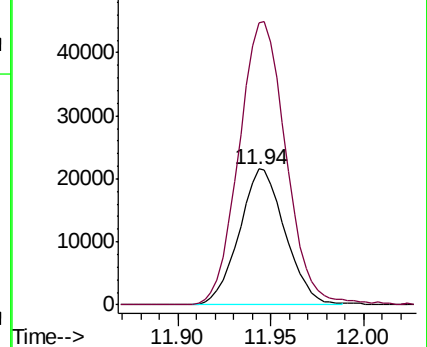
106 100

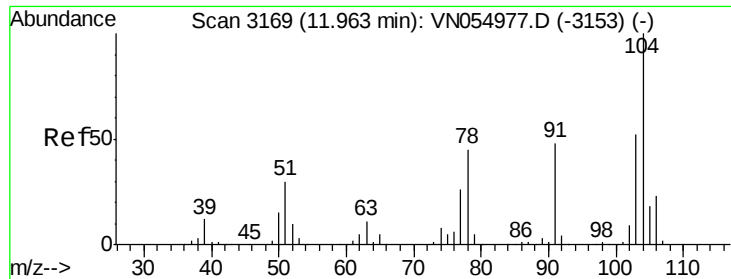
91 213.1 110.3 330.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

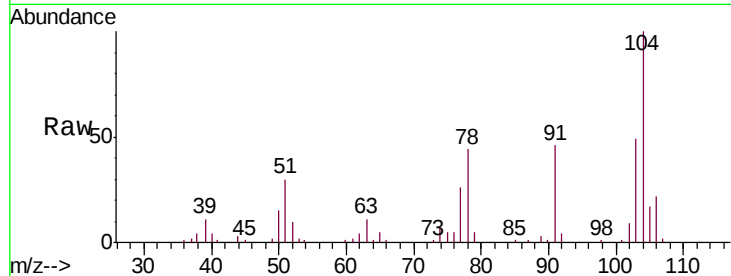




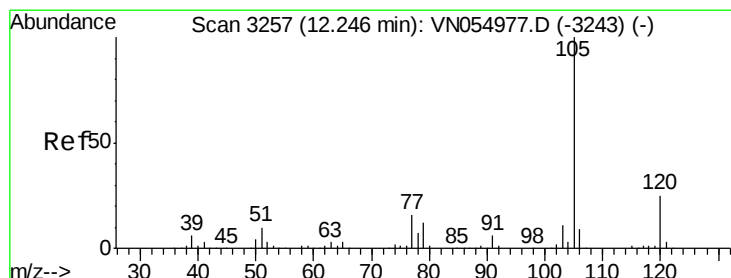
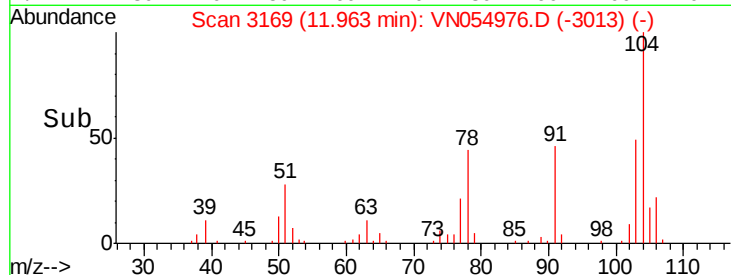
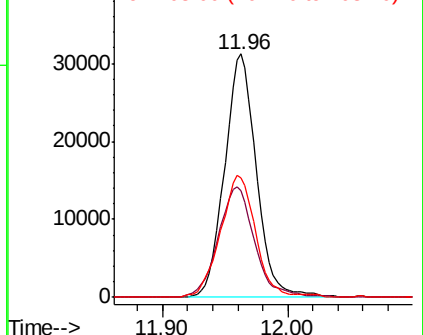
#69
Styrene
Concen: 5.466 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 54988
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 55.2 44.6 67.0

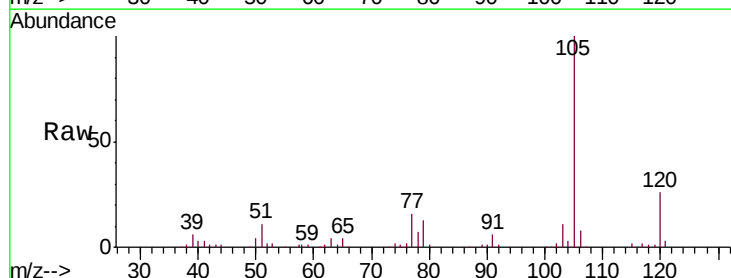


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

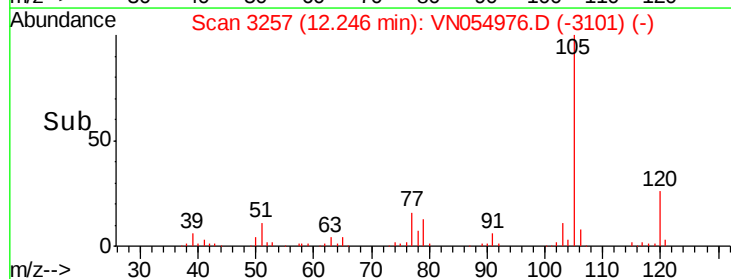
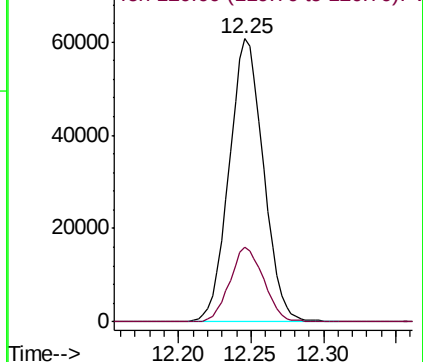


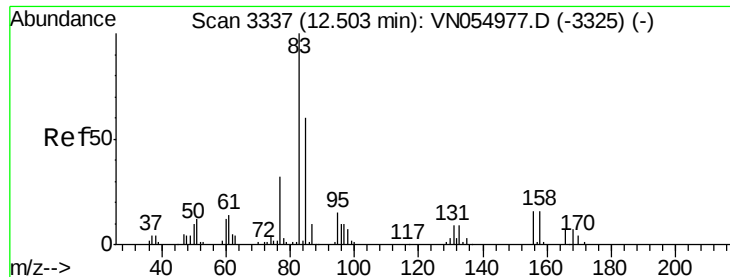
#70
Isopropylbenzene
Concen: 5.914 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion:105 Resp: 99721
Ion Ratio Lower Upper
105 100
120 26.0 18.3 33.9



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

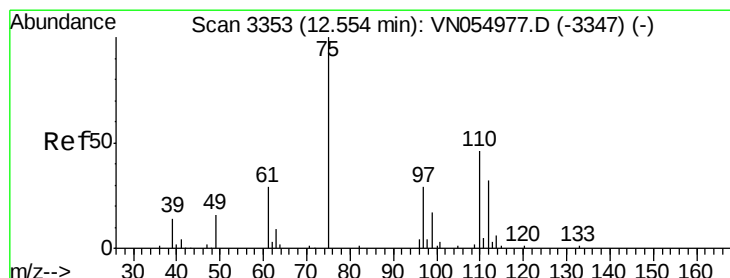
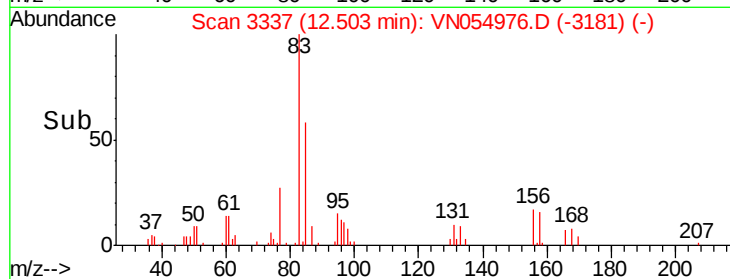
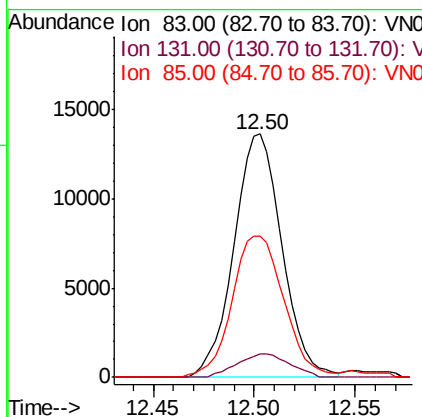
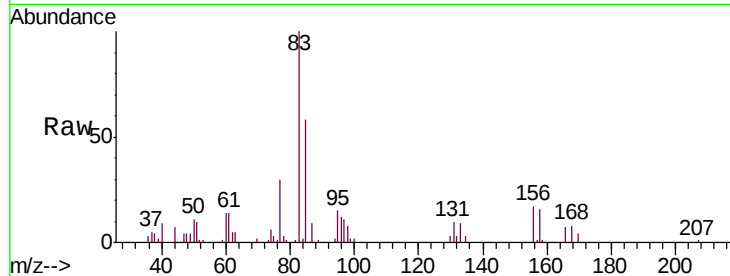




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.510 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

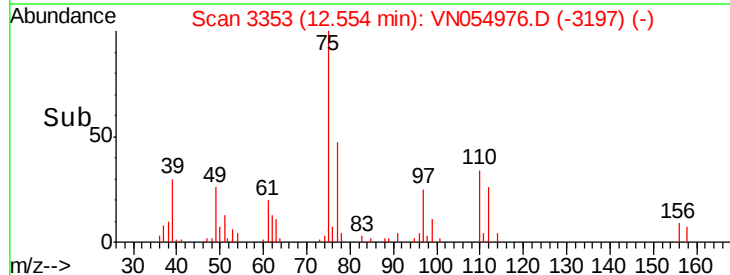
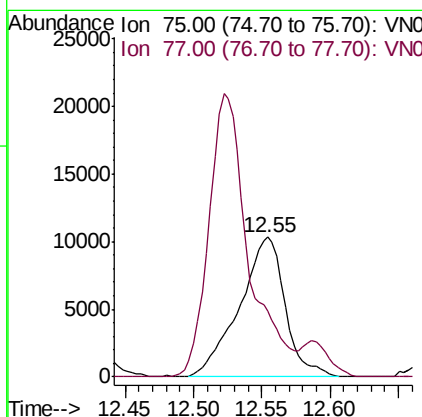
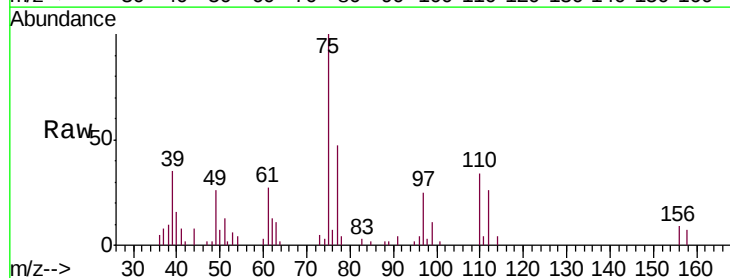
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

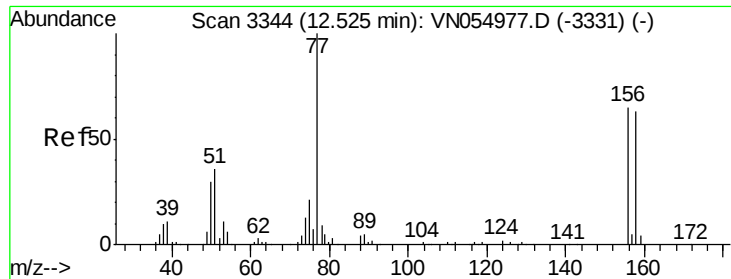
Tgt Ion: 83 Resp: 22761
 Ion Ratio Lower Upper
 83 100
 131 10.6 4.6 13.8
 85 62.5 30.9 92.5



#72
 1,2,3-Trichloropropane
 Concen: 7.632 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 75 Resp: 24084
 Ion Ratio Lower Upper
 75 100
 77 14.7 0.0 466.6





#73

Bromobenzene

Concen: 5.296 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

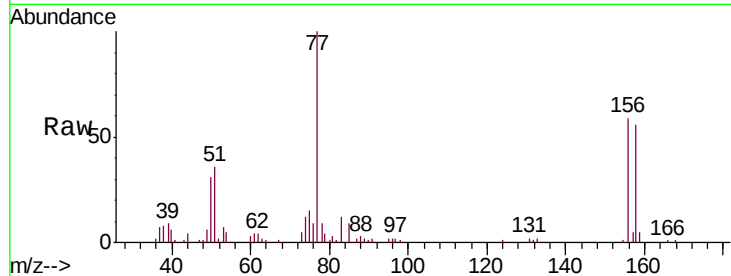
Tgt Ion:156 Resp: 22373

Ion Ratio Lower Upper

156 100

77 188.5 0.0 383.2

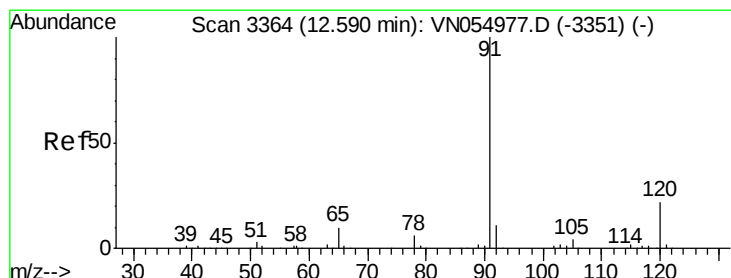
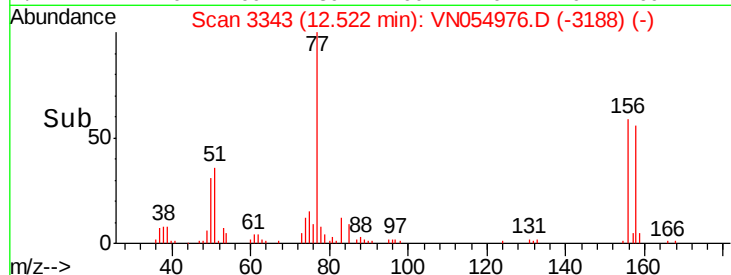
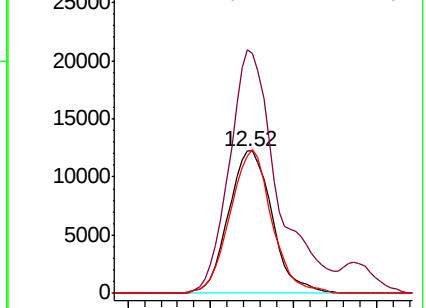
158 96.2 0.0 193.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 5.177 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054976.D

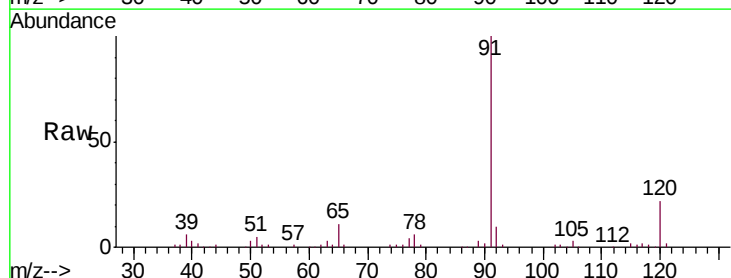
Acq: 11 Apr 2019 14:26

Tgt Ion: 91 Resp: 103373

Ion Ratio Lower Upper

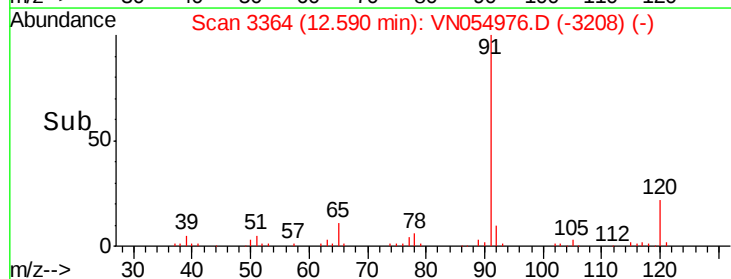
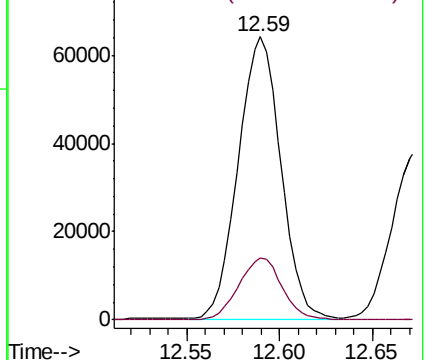
91 100

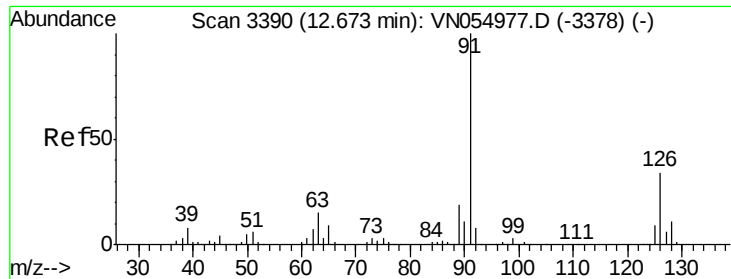
120 22.1 0.0 44.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.598 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054976.D

Acq: 11 Apr 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

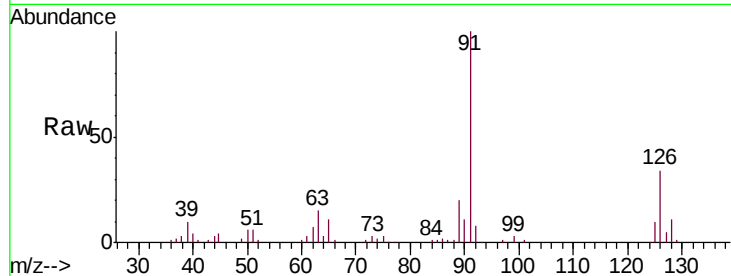
VSTDIC005

Tgt Ion: 91 Resp: 65698

Ion Ratio Lower Upper

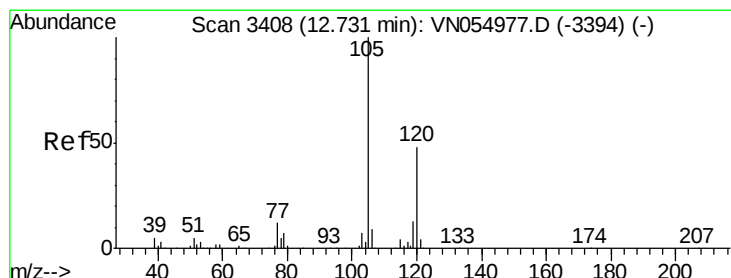
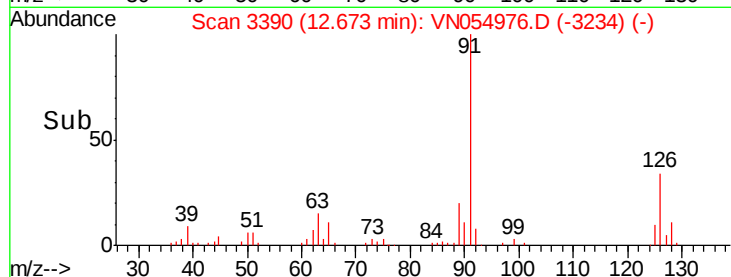
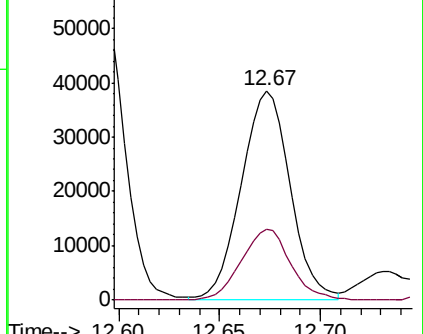
91 100

126 34.2 0.0 67.4



Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN054977.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 5.574 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054976.D

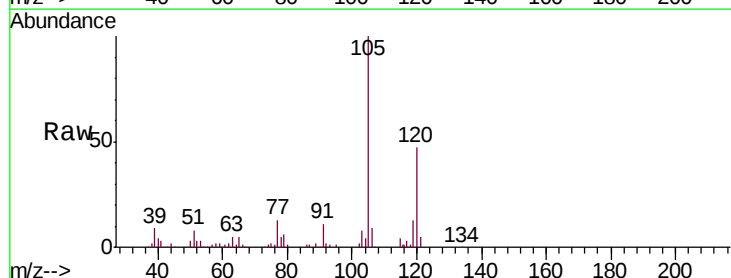
Acq: 11 Apr 2019 14:26

Tgt Ion: 105 Resp: 79217

Ion Ratio Lower Upper

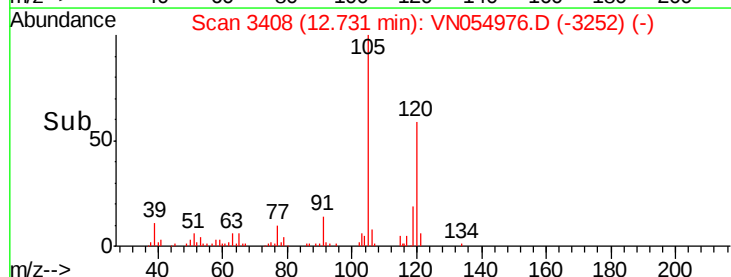
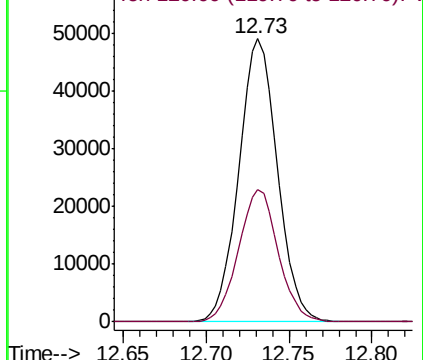
105 100

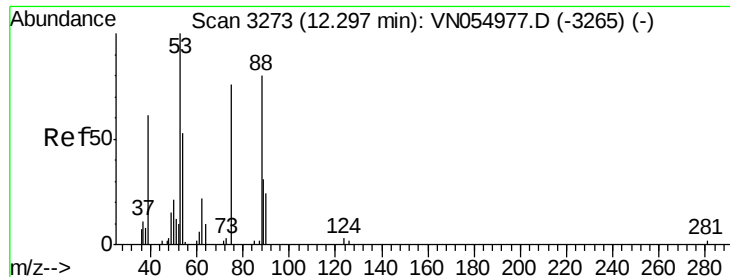
120 47.8 0.0 94.8



Abundance Ion 105.00 (104.70 to 105.70): VN054977.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054977.D (-3394) (-)

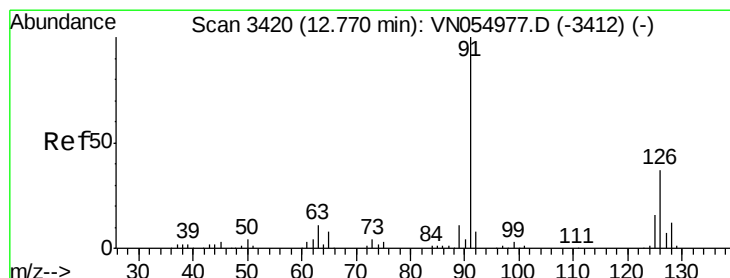
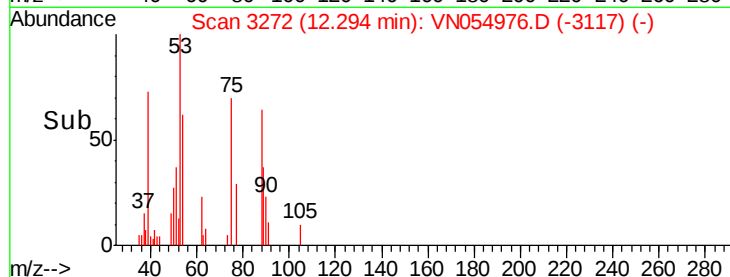
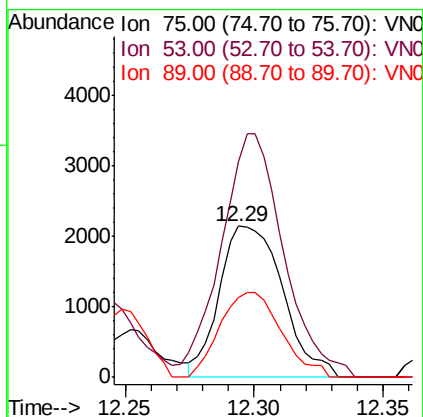
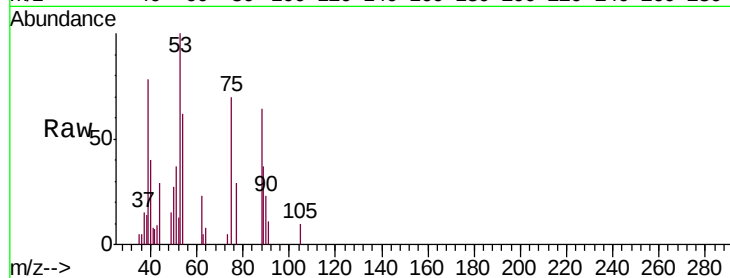




#77
t-1,4-Dichloro-2-butene
Concen: 3.430 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

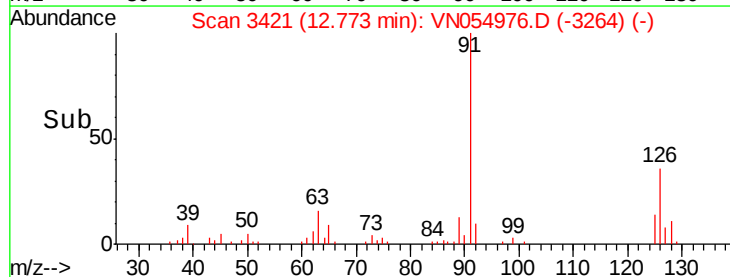
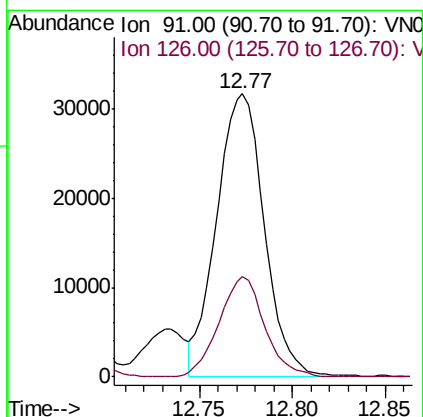
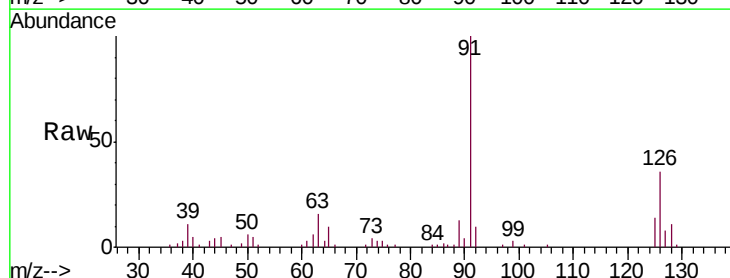
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

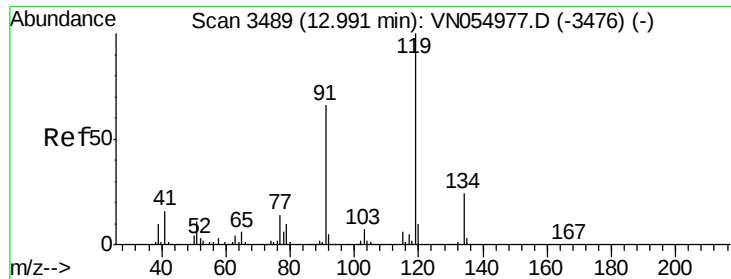
Tgt Ion: 75 Resp: 3677
Ion Ratio Lower Upper
75 100
53 133.6 64.3 192.7
89 52.7 21.6 65.0



#78
4-Chlorotoluene
Concen: 4.855 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 91 Resp: 56542
Ion Ratio Lower Upper
91 100
126 33.7 0.0 66.6

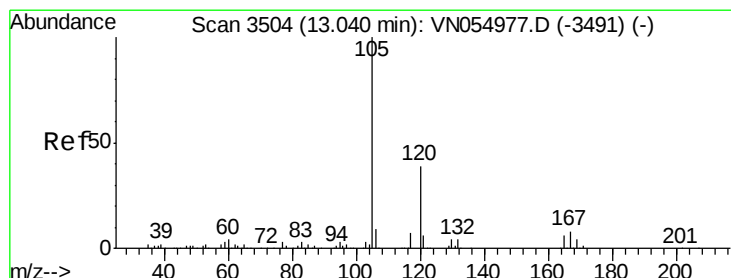
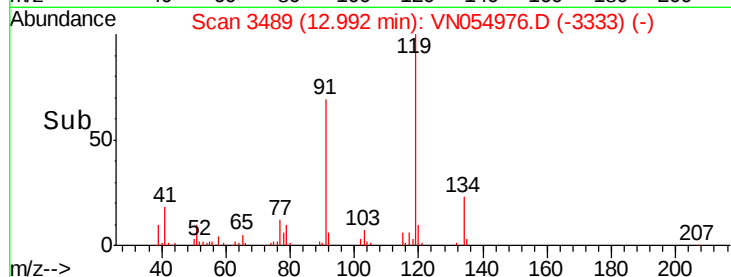
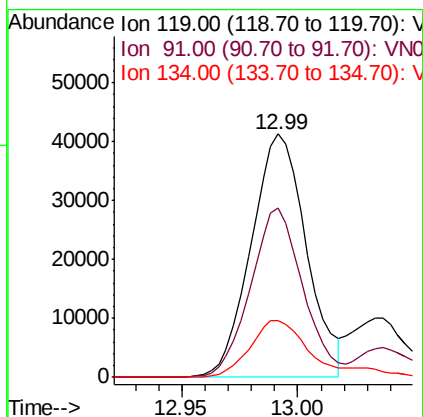
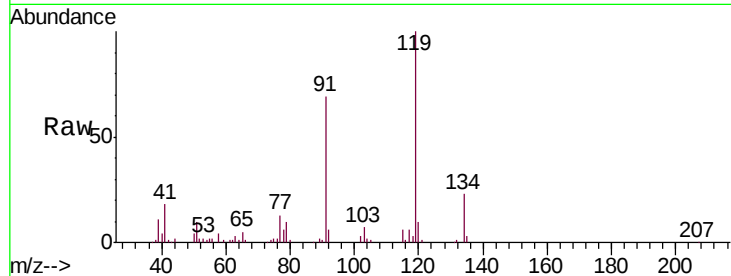




#79
tert-butylbenzene
Concen: 5.489 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

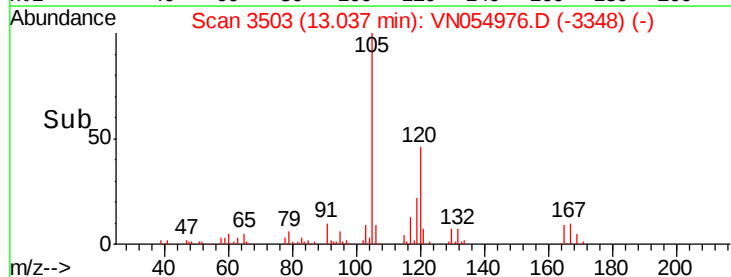
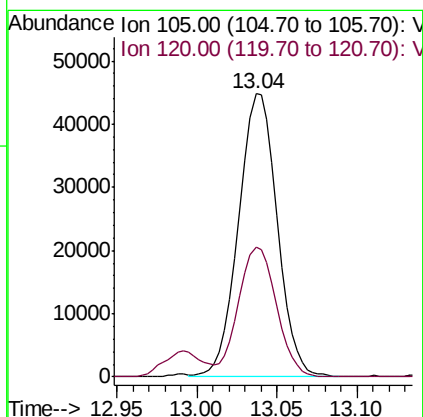
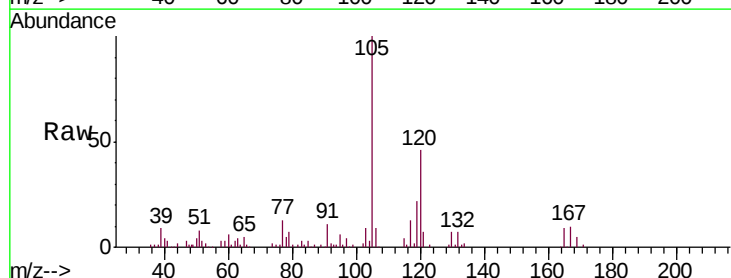
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

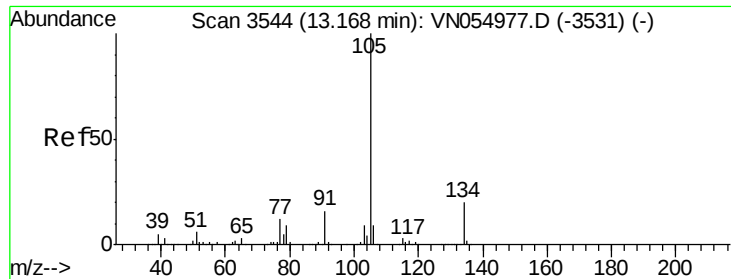
Tgt Ion:119 Resp: 68512
Ion Ratio Lower Upper
119 100
91 66.2 0.0 132.6
134 24.0 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 5.264 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion:105 Resp: 73972
Ion Ratio Lower Upper
105 100
120 45.0 0.0 91.4

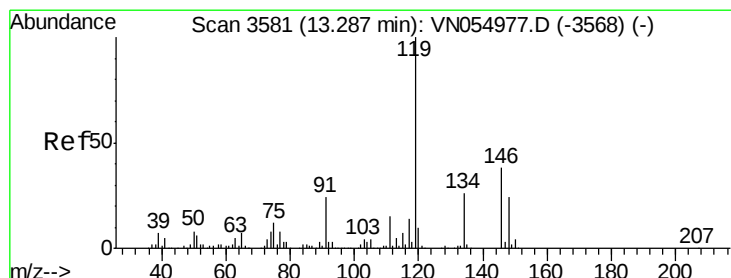
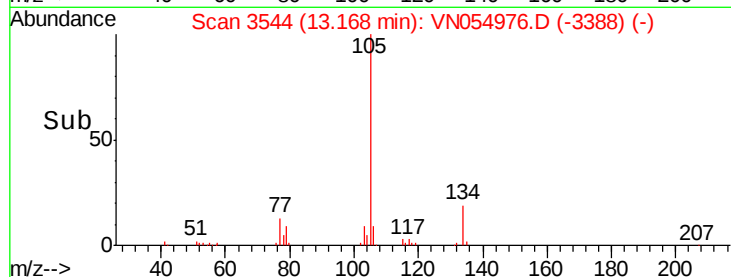
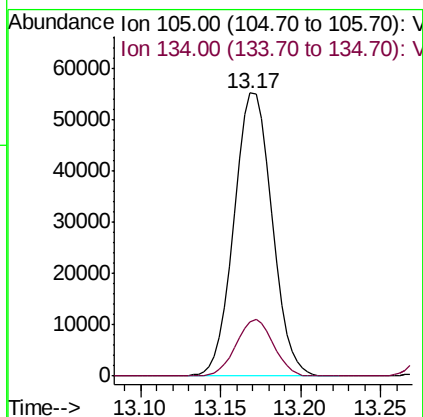
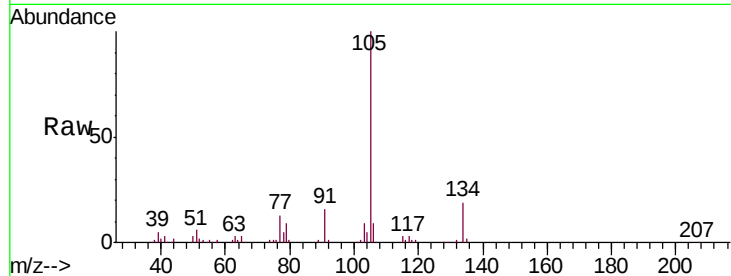




#81
 sec-Butylbenzene
 Concen: 5.243 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

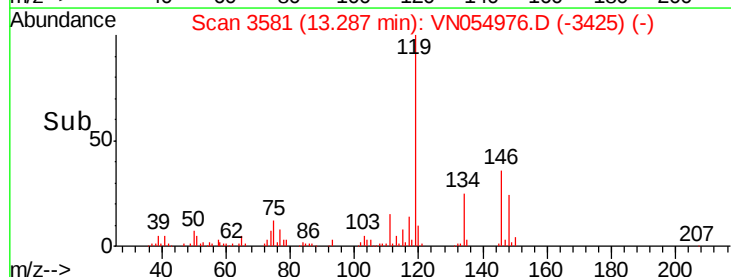
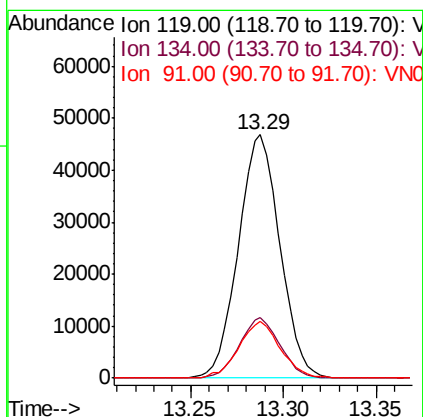
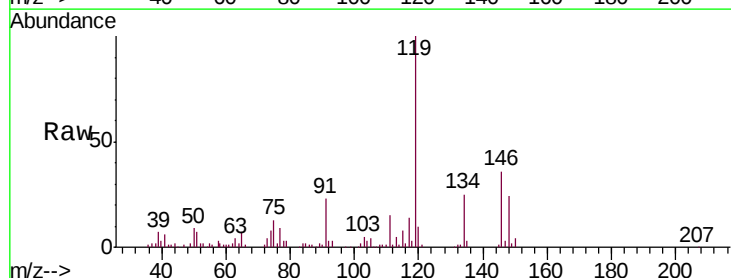
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

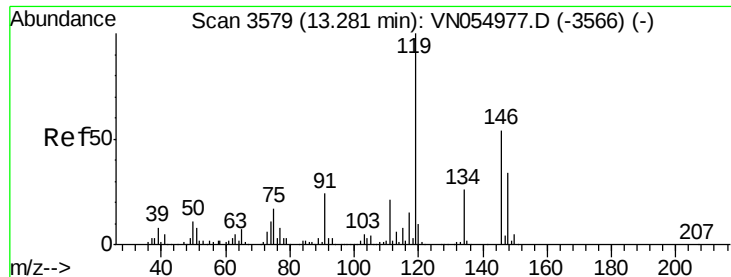
Tgt Ion:105 Resp: 89372
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 5.017 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion:119 Resp: 72772
 Ion Ratio Lower Upper
 119 100
 134 24.2 0.0 53.2
 91 23.2 0.0 47.8

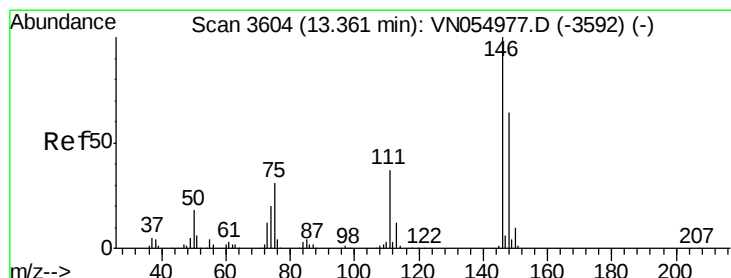
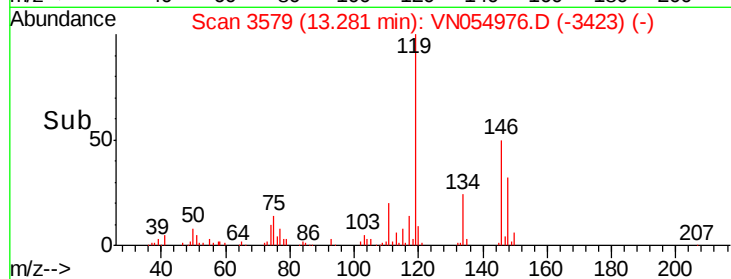
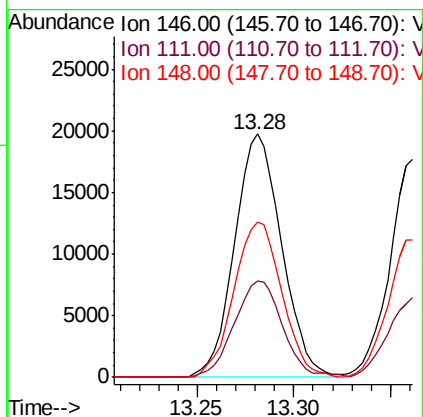
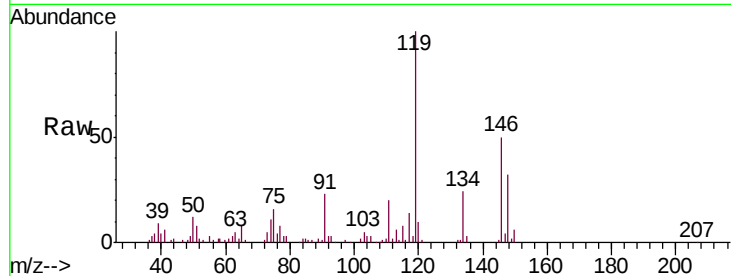




#83
 1,3-Dichlorobenzene
 Concen: 4.527 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

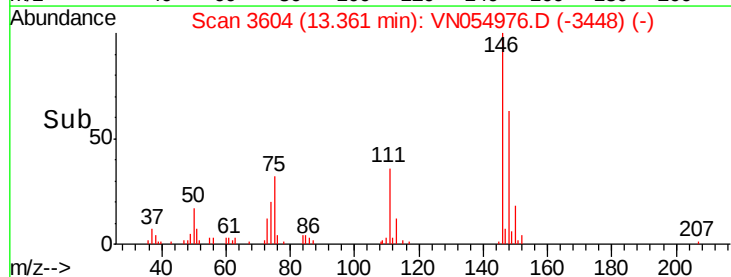
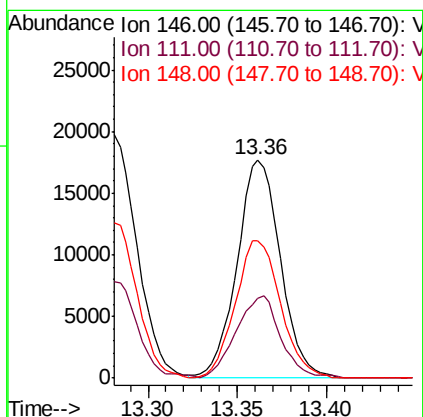
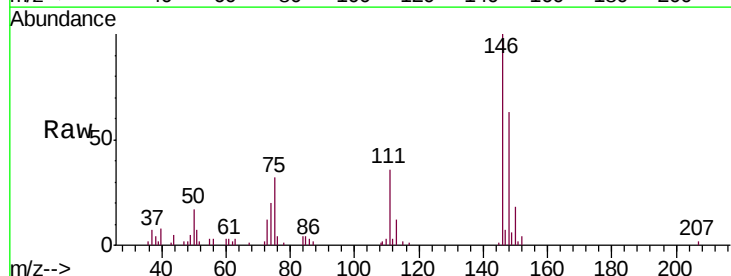
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

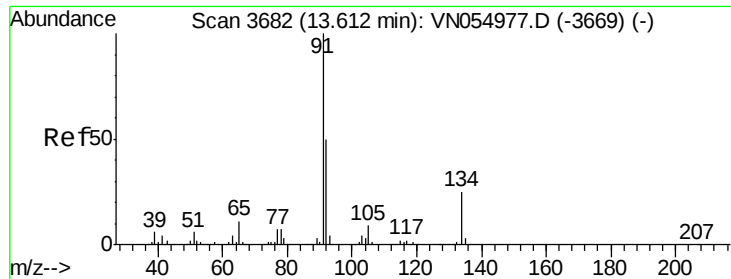
Tgt Ion:146 Resp: 33434
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.1 57.5
 148 64.8 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 4.293 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion:146 Resp: 30202
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.2
 148 65.7 32.5 97.4

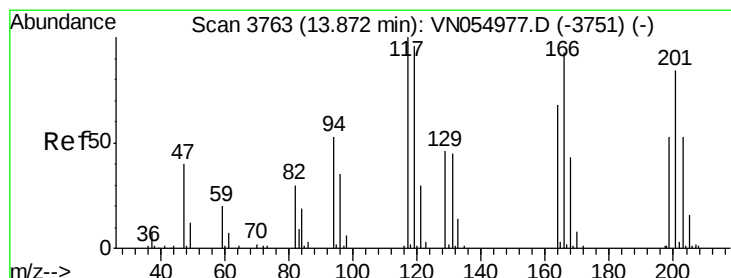
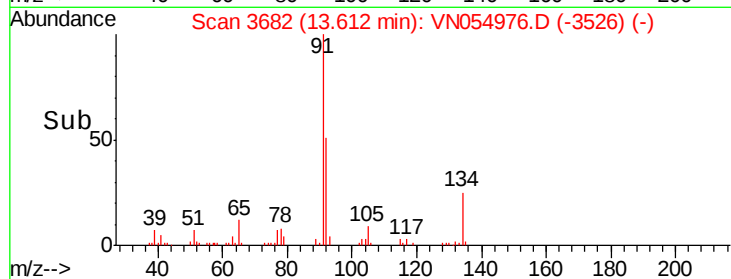
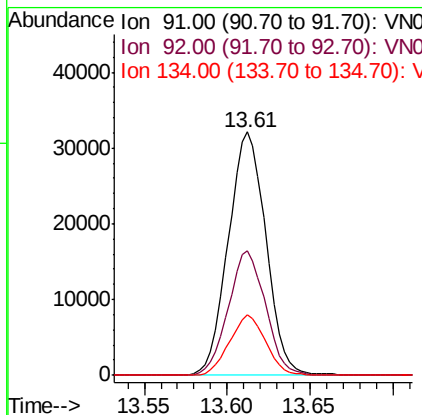
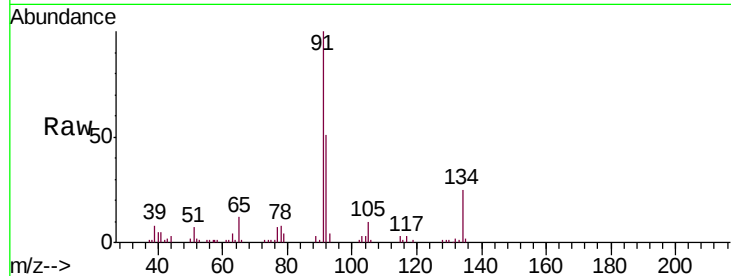




#85
n-Butylbenzene
Concen: 4.086 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

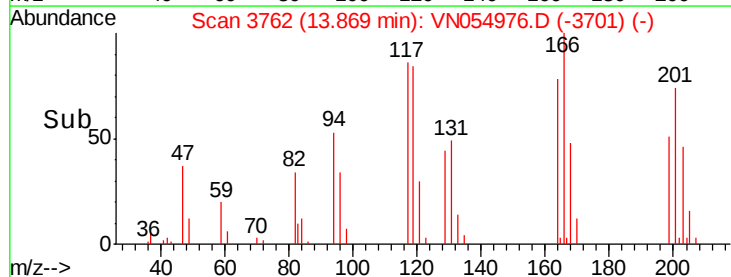
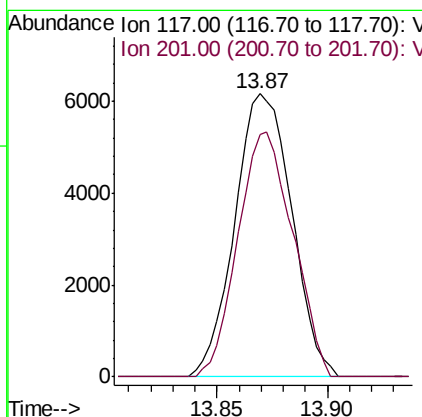
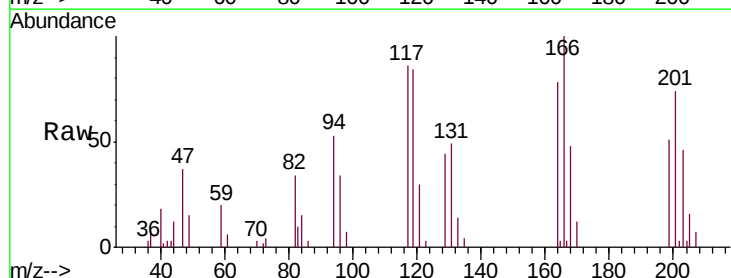
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

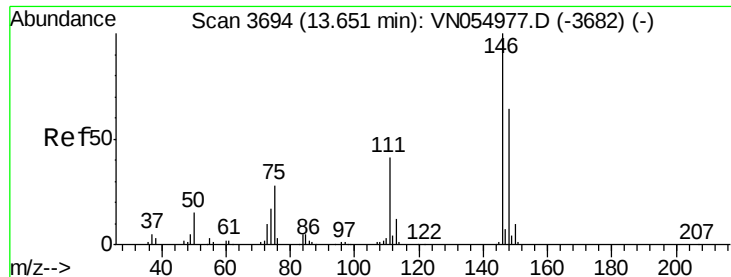
Tgt Ion: 91 Resp: 50722
Ion Ratio Lower Upper
91 100
92 50.5 0.0 101.4
134 23.8 0.0 49.8



#86
Hexachloroethane
Concen: 4.088 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion: 117 Resp: 11034
Ion Ratio Lower Upper
117 100
201 83.5 42.8 128.3

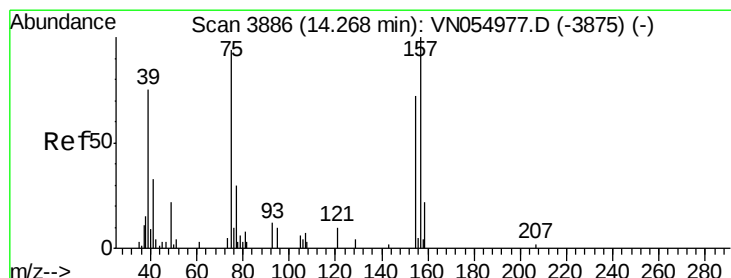
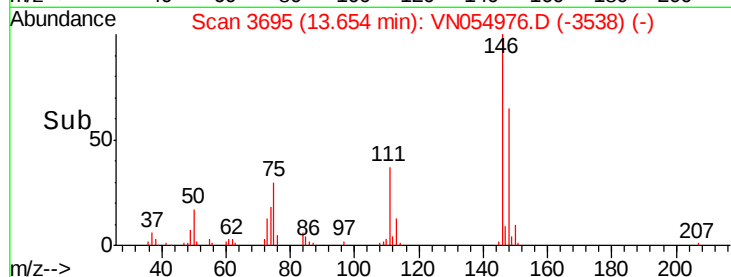
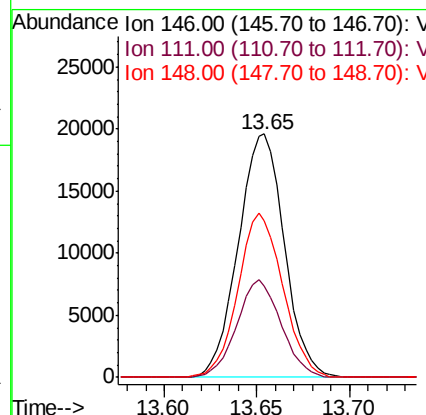
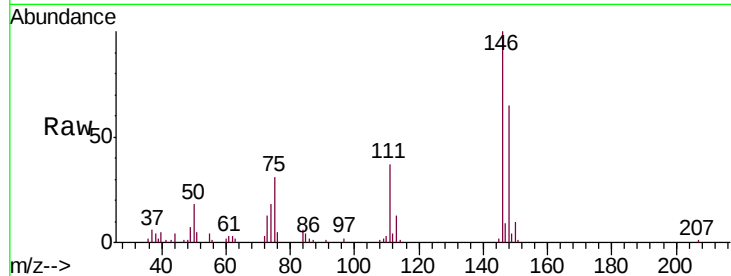




#87
 1,2-Dichlorobenzene
 Concen: 4.719 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

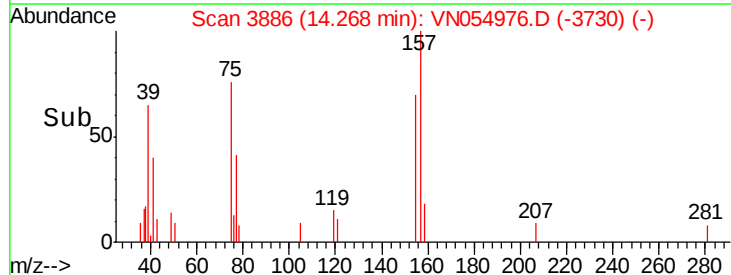
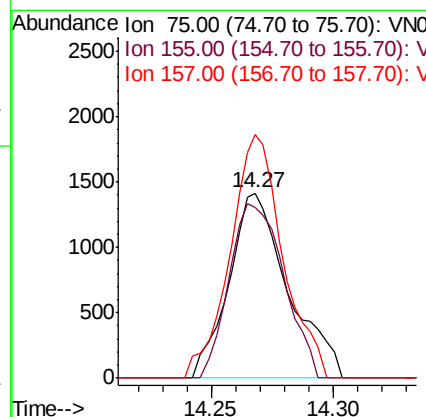
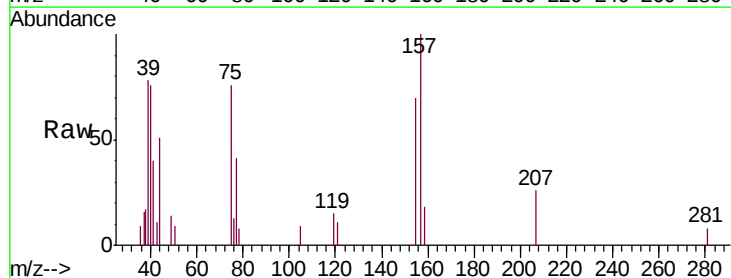
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

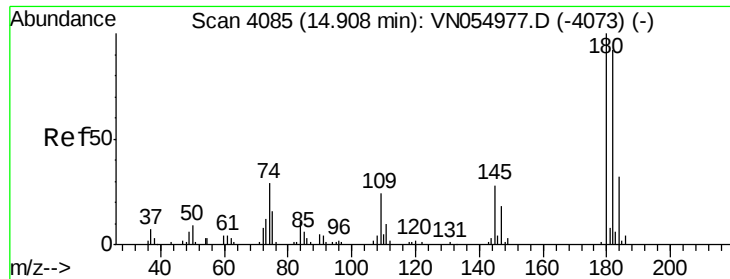
Tgt Ion: 146 Resp: 33827
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.3 60.8
 148 65.7 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.081 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion: 75 Resp: 2381
 Ion Ratio Lower Upper
 75 100
 155 87.4 61.8 92.8
 157 117.3 82.7 124.1

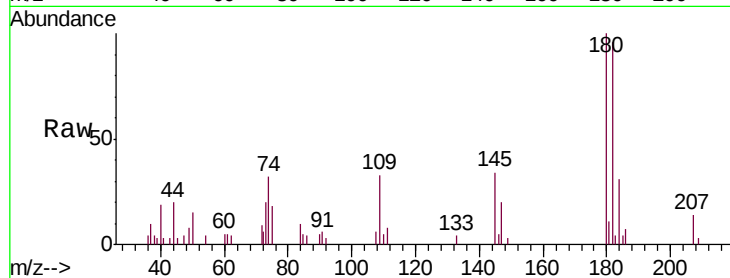




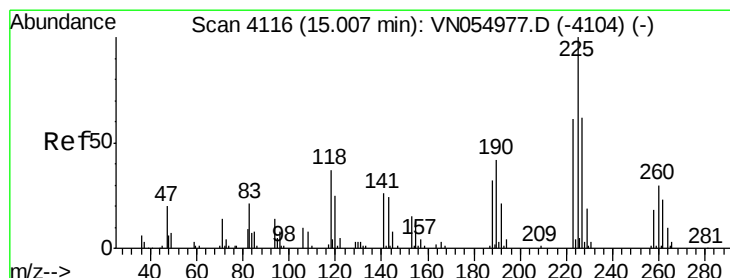
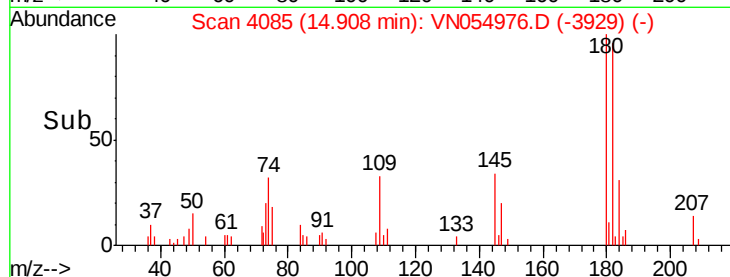
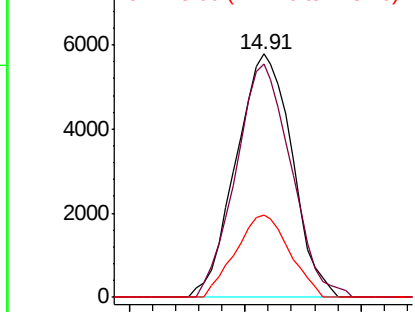
#89
 1,2,4-Trichlorobenzene
 Concen: 2.762 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 9687
 Ion Ratio Lower Upper
 180 100
 182 94.7 73.2 109.8
 145 32.7 23.2 34.8

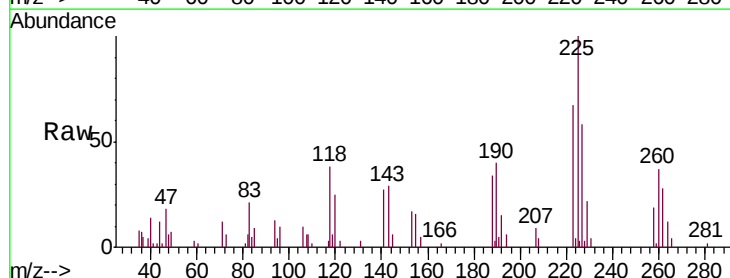


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

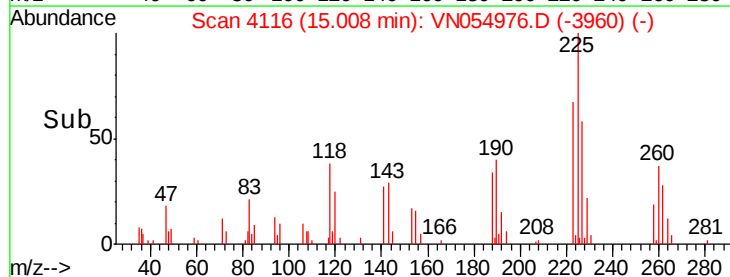
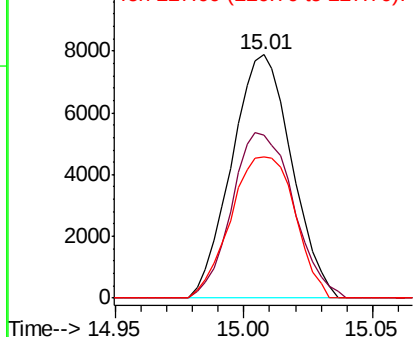


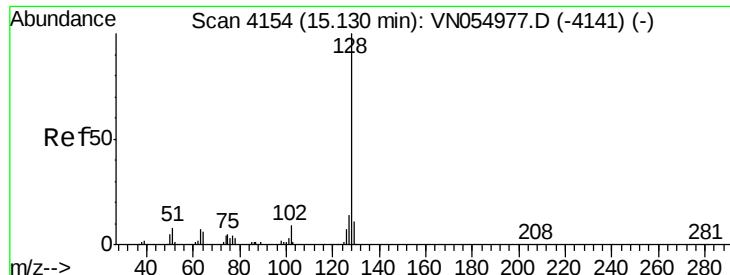
#90
 Hexachlorobutadiene
 Concen: 4.815 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054976.D
 Acq: 11 Apr 2019 14:26

Tgt Ion:225 Resp: 12768
 Ion Ratio Lower Upper
 225 100
 223 69.8 0.0 126.0
 227 62.1 0.0 125.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

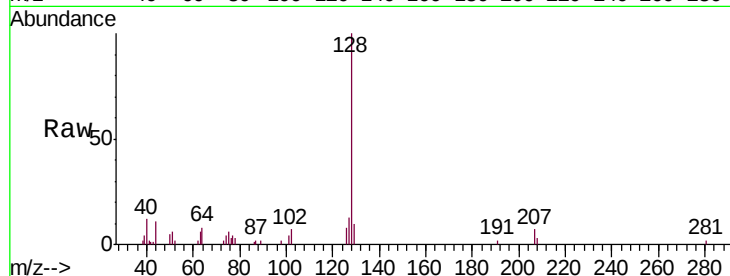




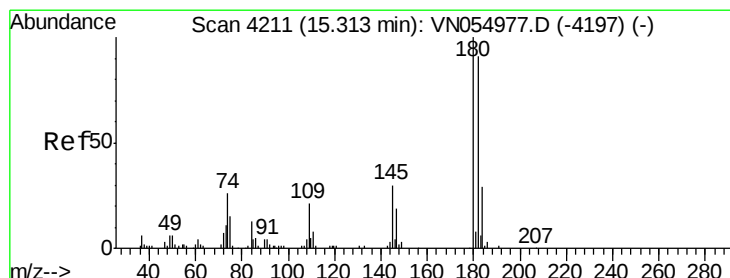
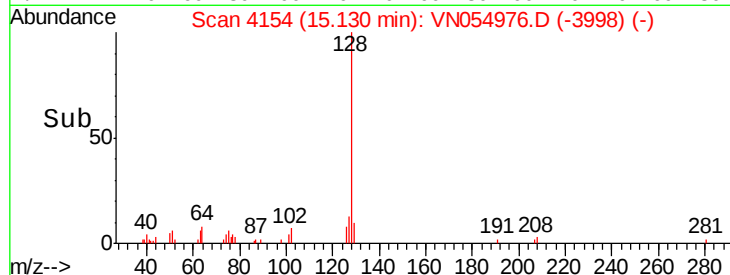
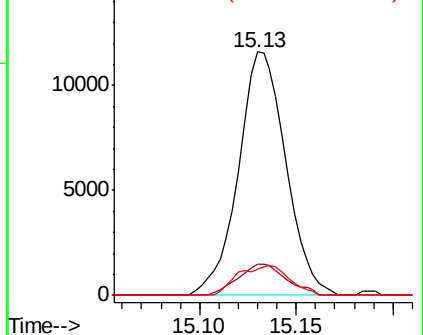
#91
Naphthalene
Concen: 2.841 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 19772
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 4.7 9.0 13.6#

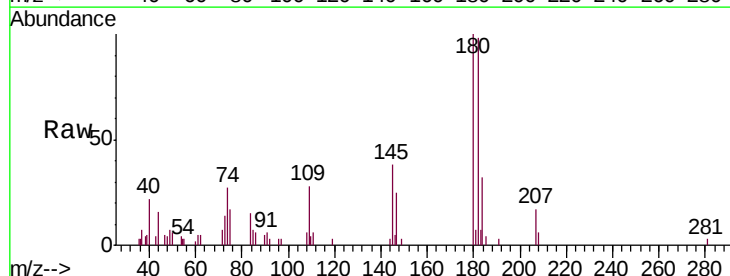


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 3.270 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054976.D
Acq: 11 Apr 2019 14:26

Tgt Ion:180 Resp: 11434
Ion Ratio Lower Upper
180 100
182 92.3 0.0 188.2
145 32.5 0.0 61.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

