

Data File : VN052305.D
Acq On : 14 Nov 2018 10:57
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Nov 15 02:33:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	249255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	433400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	382692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	18037	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
35) Dibromofluoromethane	7.59	113	13209	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
50) Toluene-d8	10.09	98	53807	4.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.78%	
62) 4-Bromofluorobenzene	12.40	95	16247	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	12039	4.558	ug/l	93
3) Chloromethane	2.06	50	18310	4.988	ug/l	97
4) Vinyl Chloride	2.19	62	16398	5.168	ug/l	98
5) Bromomethane	2.57	94	10261	5.187	ug/l	100
6) Chloroethane	2.71	64	9863	5.498	ug/l	99
7) Trichlorofluoromethane	3.02	101	22914	5.219	ug/l	98
8) Diethyl Ether	3.41	74	8615	5.148	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	14567	5.254	ug/l #	84
10) Methyl Iodide	3.96	142	17133	4.602	ug/l	99
11) Tert butyl alcohol	4.77	59	2458	13.170	ug/l	99
12) 1,1-Dichloroethene	3.74	96	13633	5.313	ug/l	93
13) Acrolein	3.61	56	7709	30.026	ug/l	99
14) Allyl chloride	4.33	41	26445	5.019	ug/l #	90
15) Acrylonitrile	4.99	53	27623	25.653	ug/l	96
16) Acetone	3.82	43	24572	24.928	ug/l	100
17) Carbon Disulfide	4.06	76	35414	4.813	ug/l	100
18) Methyl Acetate	4.33	43	13567	4.823	ug/l #	63
19) Methyl tert-butyl Ether	5.05	73	37819	5.129	ug/l	97
20) Methylene Chloride	4.55	84	16714	5.180	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	14818	5.575	ug/l	91
22) Diisopropyl ether	5.95	45	55165	5.077	ug/l	90
23) Vinyl Acetate	5.90	43	183014	25.097	ug/l	100
24) 1,1-Dichloroethane	5.85	63	30552	5.300	ug/l	98
25) 2-Butanone	6.84	43	37061	27.164	ug/l	99
26) 2,2-Dichloropropane	6.83	77	20534	4.845	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	17093	5.315	ug/l	99
28) Bromochloromethane	7.20	49	15647	5.279	ug/l #	97
29) Tetrahydrofuran	7.21	42	22082	24.446	ug/l	95
30) Chloroform	7.37	83	29180	5.312	ug/l	95
31) Cyclohexane	7.66	56	32661	4.887	ug/l #	88
32) 1,1,1-Trichloroethane	7.57	97	24161	5.163	ug/l	99
36) 1,1-Dichloropropene	7.80	75	21378	4.921	ug/l	98
37) Ethyl Acetate	6.94	43	14396	4.337	ug/l #	93
38) Carbon Tetrachloride	7.78	117	20139	5.046	ug/l	95

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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Nov 15 02:33:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	24671	4.975	ug/l	96
40) Benzene	8.04	78	62801	5.061	ug/l	96
41) Methacrylonitrile	7.18	41	9079	5.083	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	23541	5.320	ug/l	98
43) Isopropyl Acetate	8.16	43	30624	5.034	ug/l #	95
44) Trichloroethene	8.84	130	14855	4.860	ug/l	99
45) 1,2-Dichloropropane	9.12	63	18544	5.265	ug/l	99
46) Dibromomethane	9.21	93	10802	5.298	ug/l	97
47) Bromodichloromethane	9.40	83	20530	4.907	ug/l	99
48) Methyl methacrylate	9.20	41	14068	4.557	ug/l	97
49) 1,4-Dioxane	9.20	88	2545	107.401	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	77019	25.151	ug/l	97
52) Toluene	10.16	92	37290	5.023	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	18897	4.478	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	23164	4.816	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	13889	5.161	ug/l	97
56) Ethyl methacrylate	10.43	69	16526	4.669	ug/l	97
57) 1,3-Dichloropropane	10.71	76	23437	4.917	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.70	63	46836	23.244	ug/l	99
59) 2-Hexanone	10.75	43	52071	24.722	ug/l	100
60) Dibromochloromethane	10.90	129	13358	4.588	ug/l	99
61) 1,2-Dibromoethane	11.00	107	13706	5.113	ug/l	99
64) Tetrachloroethene	10.63	164	13996	5.144	ug/l	95
65) Chlorobenzene	11.43	112	41311	5.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	13873	5.029	ug/l	99
67) Ethyl Benzene	11.51	91	69642	4.960	ug/l	97
68) m/p-Xylenes	11.62	106	50137	9.774	ug/l	95
69) o-Xylene	11.95	106	24812	5.046	ug/l	99
70) Styrene	11.96	104	37194	4.724	ug/l	97
71) Bromoform	12.13	173	7593	4.662	ug/l #	92
73) Isopropylbenzene	12.25	105	65620	5.309	ug/l	100
74) N-amyl acetate	12.07	43	22294	5.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	17529	5.866	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	20299	8.398	ug/l #	100
77) Bromobenzene	12.53	156	15420	5.362	ug/l	96
78) n-propylbenzene	12.59	91	75213	5.203	ug/l	99
79) 2-Chlorotoluene	12.67	91	45314	5.366	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	51469	5.236	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	3960	4.923	ug/l	92
82) 4-Chlorotoluene	12.77	91	44433	5.136	ug/l	98
83) tert-Butylbenzene	12.99	119	45090	5.196	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	50131	5.080	ug/l	100
85) sec-Butylbenzene	13.17	105	60911	5.153	ug/l	99
86) p-Isopropyltoluene	13.29	119	52702	5.263	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	26093	5.108	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	26302	5.179	ug/l	95
89) n-Butylbenzene	13.61	91	41931	4.875	ug/l	97
90) Hexachloroethane	13.87	117	8741	4.928	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	26066	5.267	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2270	5.152	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111418\
Quantitation Report (Not Reviewed)

Data File : VN052305.D
Acq On : 14 Nov 2018 10:57
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Nov 15 02:33:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 02:30:00 2018
Response via : Initial Calibration

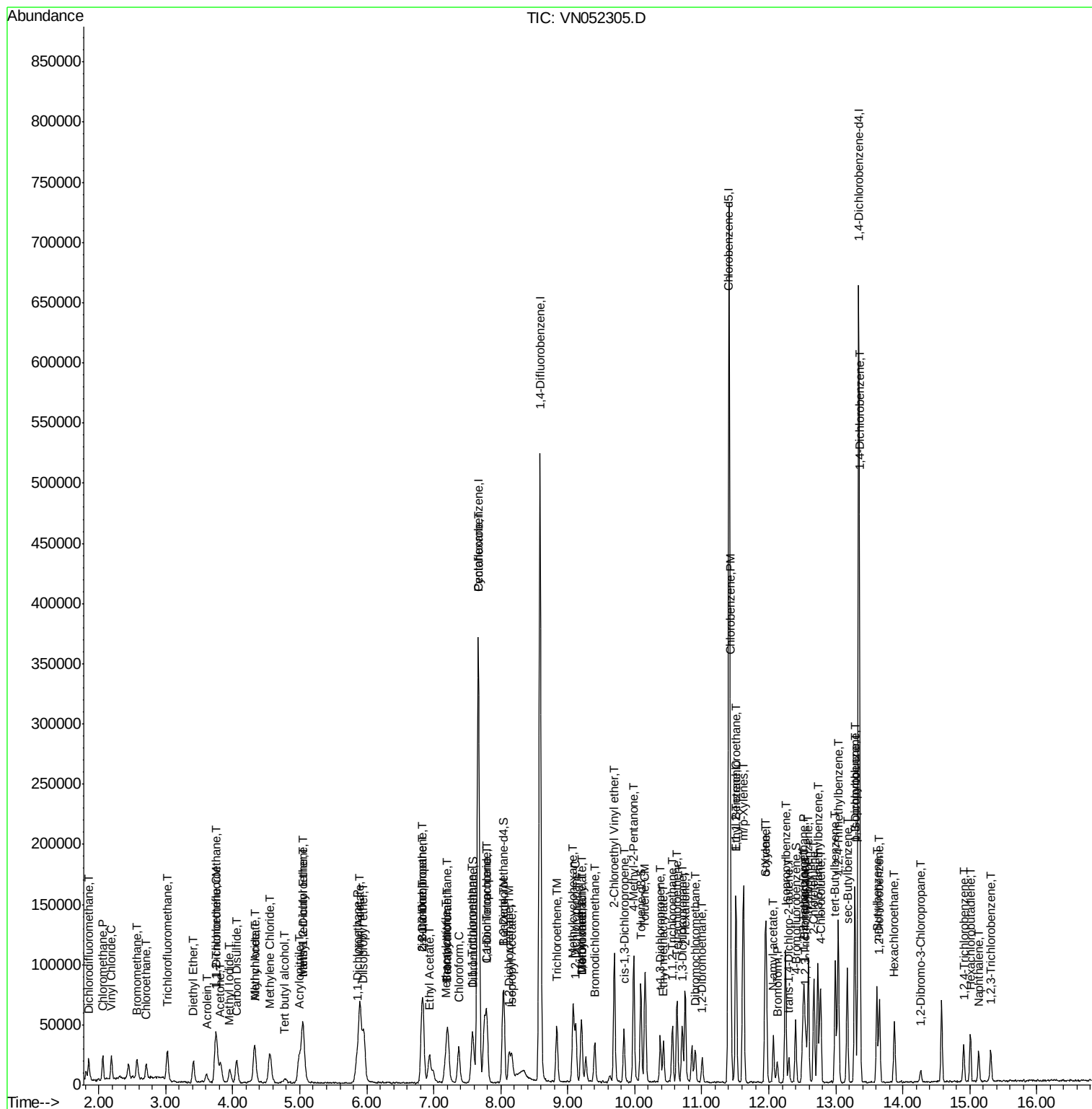
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	8805	4.324	ug/l	93
94) Hexachlorobutadiene	15.01	225	5968	5.269	ug/l	93
95) Naphthalene	15.13	128	17987	3.909	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	7612	4.048	ug/l	97

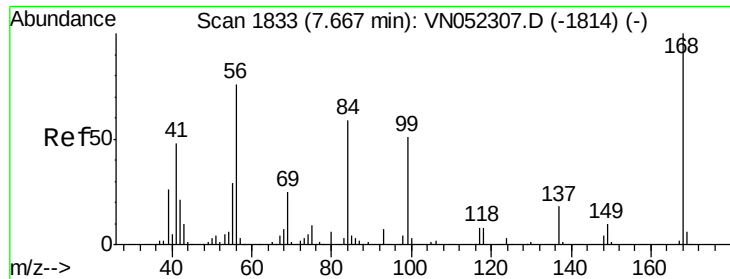
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 3      Sample Multiplier: 28
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VSTDICC005

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

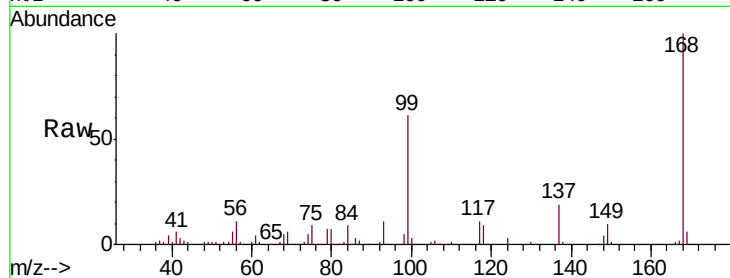
VSTDIC005

Tgt Ion:168 Resp: 249255

Ion Ratio Lower Upper

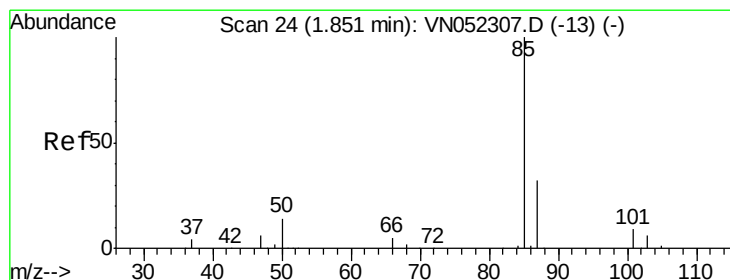
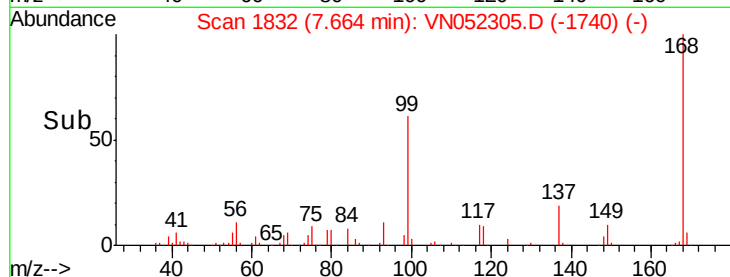
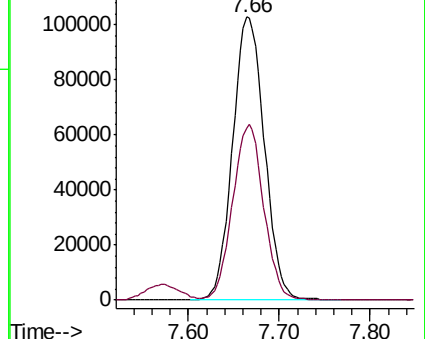
168 100

99 60.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 4.558 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052305.D

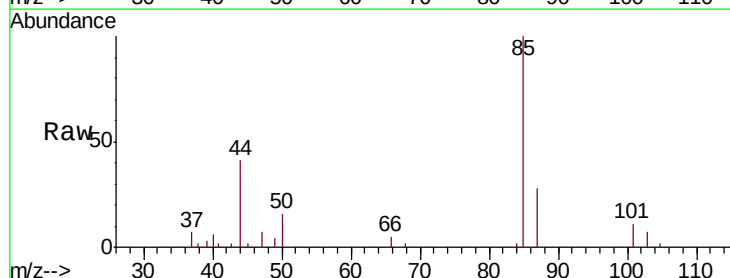
Acq: 14 Nov 2018 10:57

Tgt Ion: 85 Resp: 12039

Ion Ratio Lower Upper

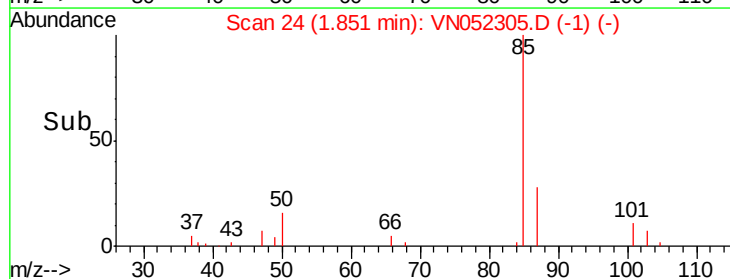
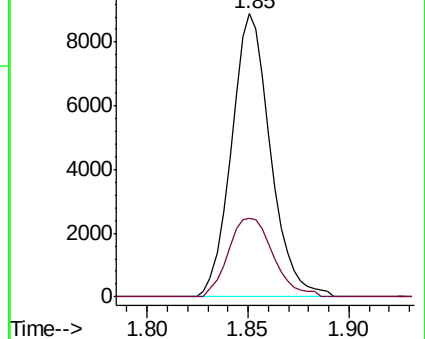
85 100

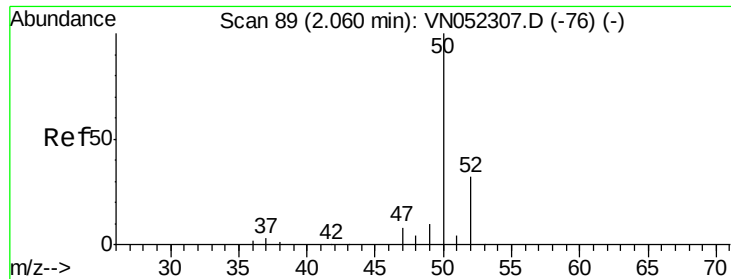
87 27.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 4.988 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

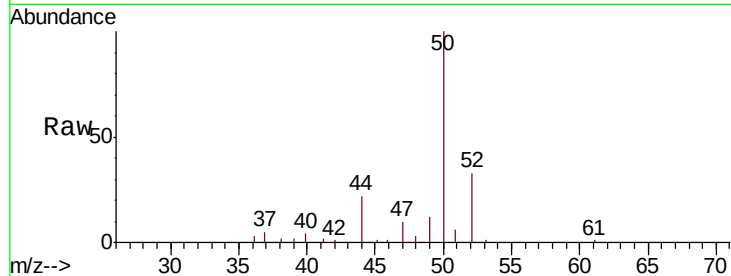
VSTDIC005

Tgt Ion: 50 Resp: 18310

Ion Ratio Lower Upper

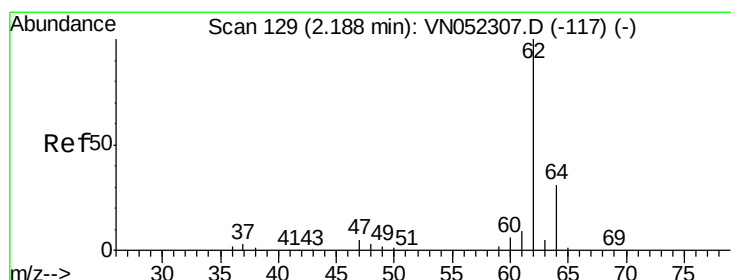
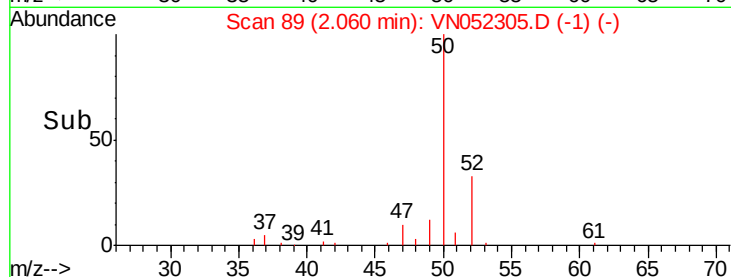
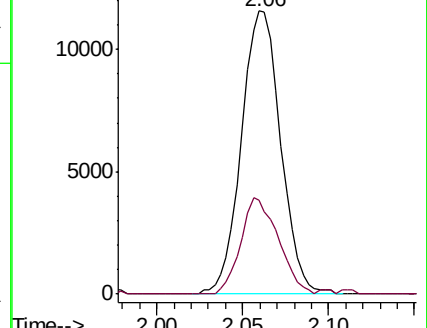
50 100

52 33.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN052307.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN052307.D (-76) (-)



#4

Vinyl Chloride

Concen: 5.168 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052305.D

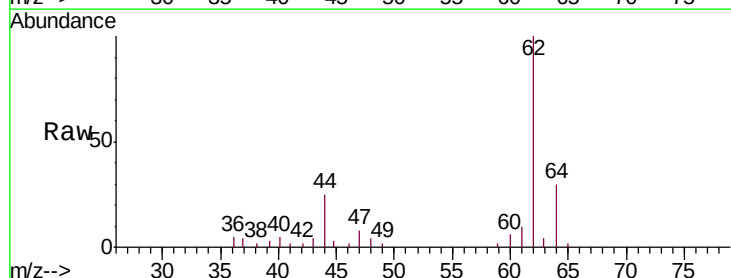
Acq: 14 Nov 2018 10:57

Tgt Ion: 62 Resp: 16398

Ion Ratio Lower Upper

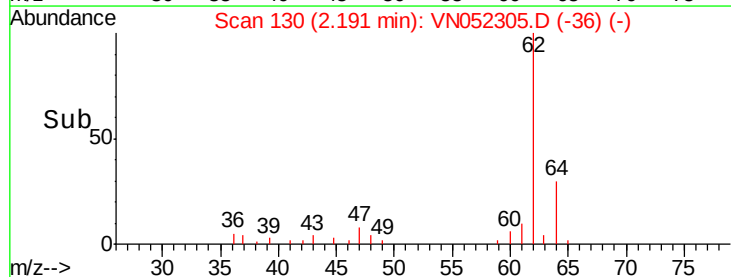
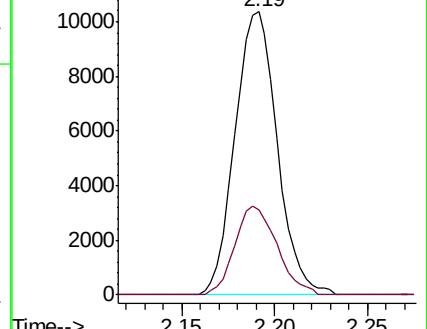
62 100

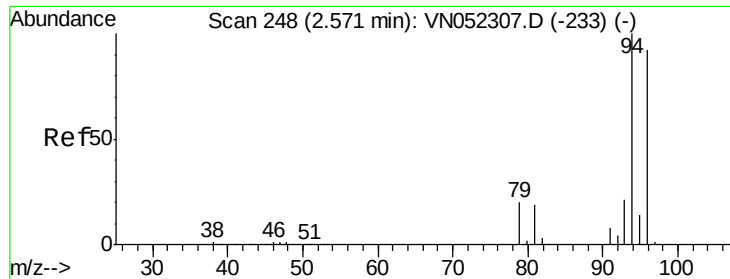
64 30.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN052307.D (-117) (-)

Ion 63.90 (63.60 to 64.60): VN052307.D (-117) (-)





#5

Bromomethane

Concen: 5.187 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

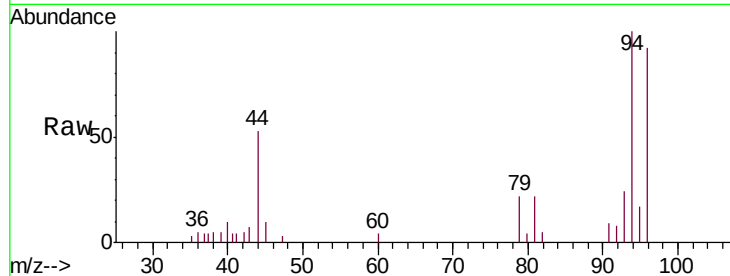
VSTDIC005

Tgt Ion: 94 Resp: 10261

Ion Ratio Lower Upper

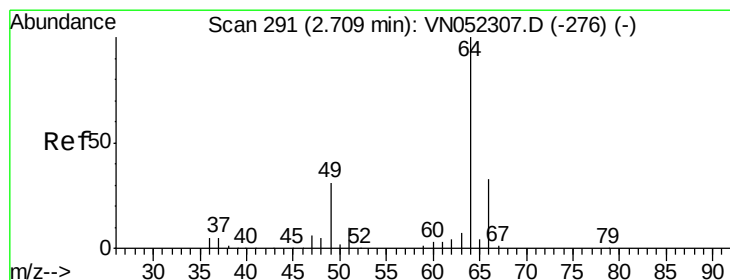
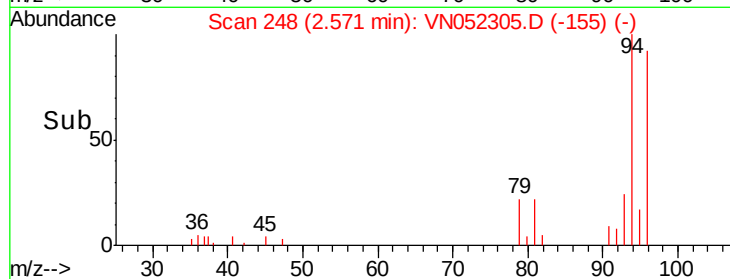
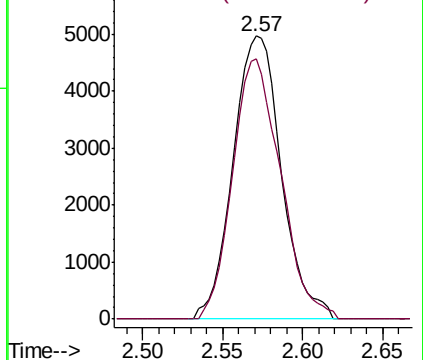
94 100

96 92.1 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 5.498 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052305.D

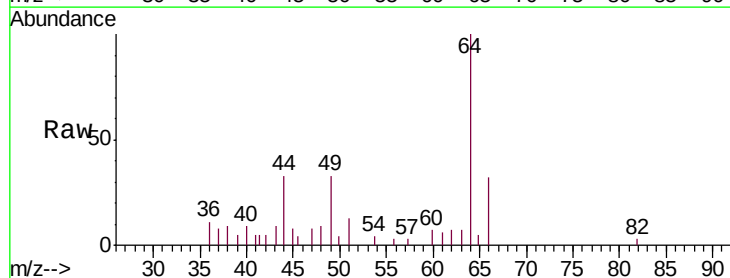
Acq: 14 Nov 2018 10:57

Tgt Ion: 64 Resp: 9863

Ion Ratio Lower Upper

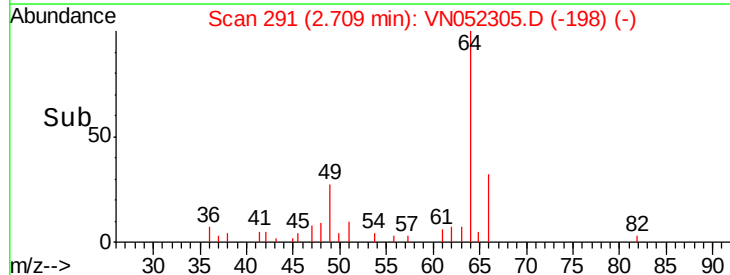
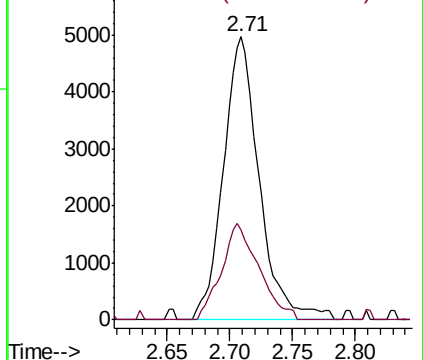
64 100

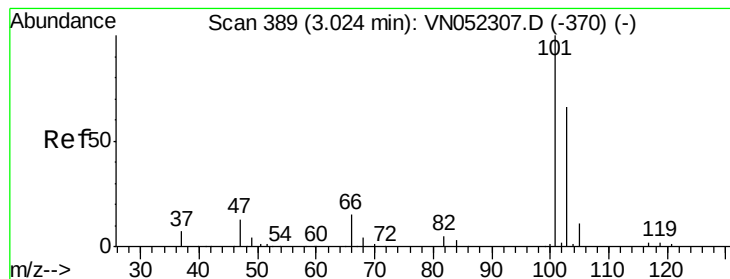
66 32.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



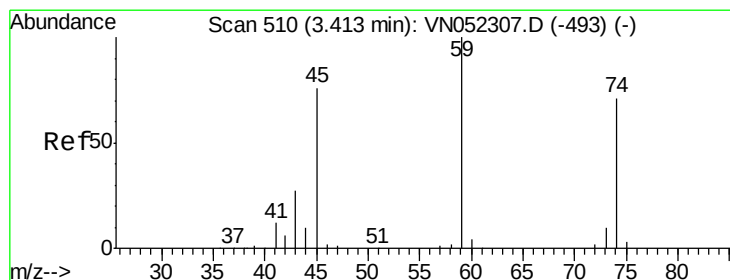
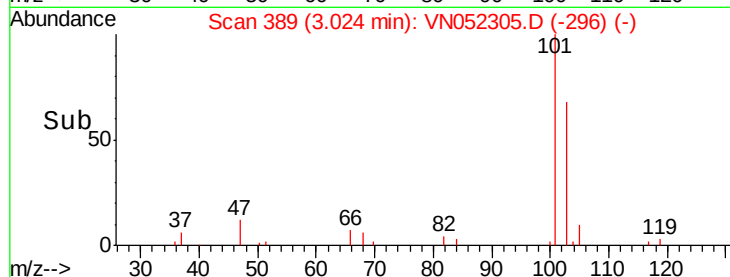
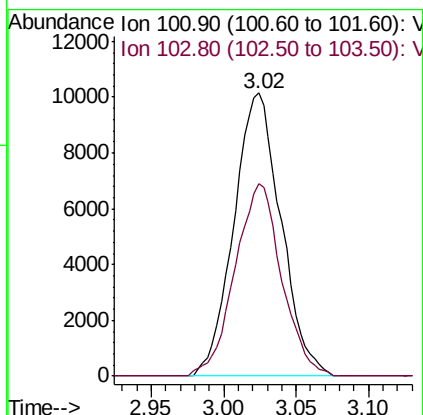
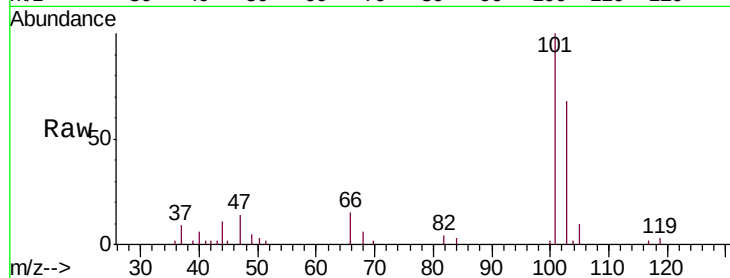


#7

Trichlorofluoromethane
 Concen: 5.219 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

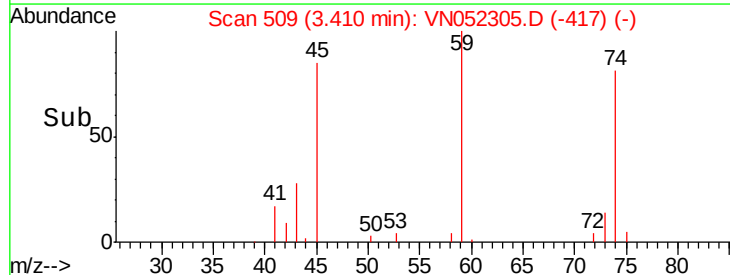
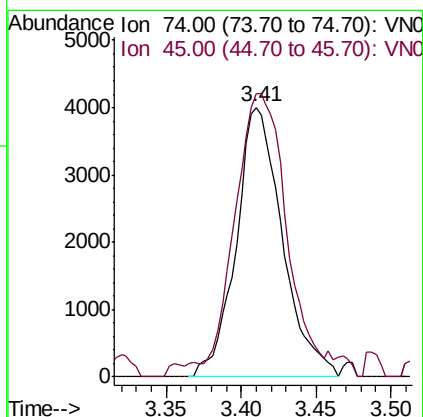
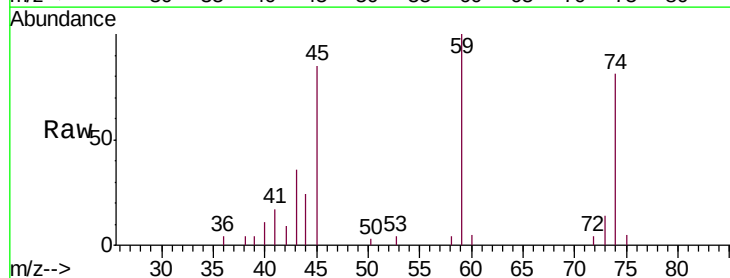
Tgt Ion:101 Resp: 22914
 Ion Ratio Lower Upper
 101 100
 103 67.9 52.8 79.2

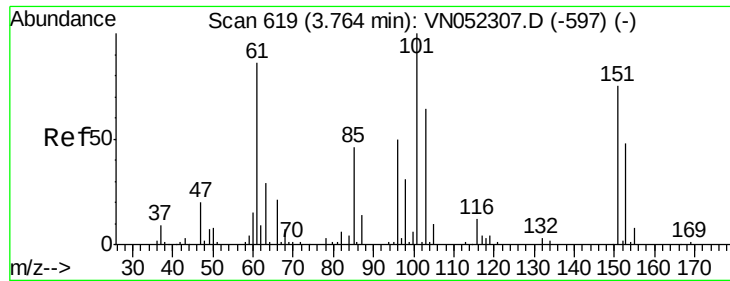


#8

Diethyl Ether
 Concen: 5.148 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 74 Resp: 8615
 Ion Ratio Lower Upper
 74 100
 45 107.0 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.254 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

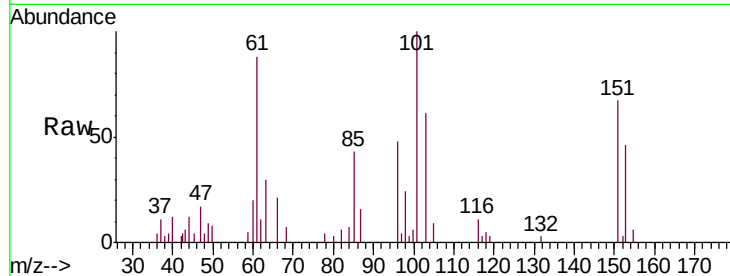
Tgt Ion:101 Resp: 14567

Ion Ratio Lower Upper

101 100

85 22.3 37.4 56.0#

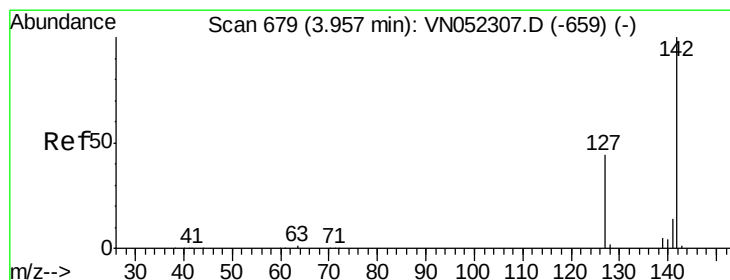
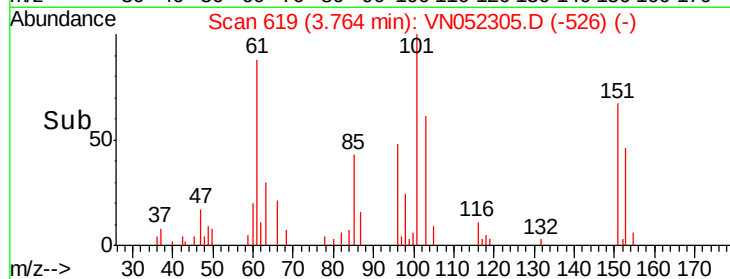
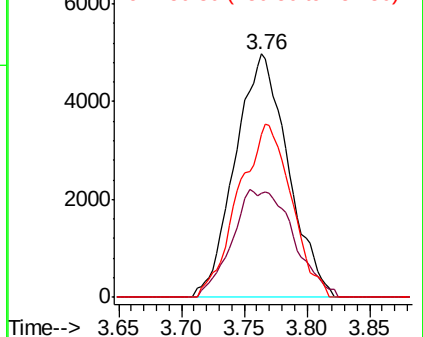
151 71.6 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.602 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

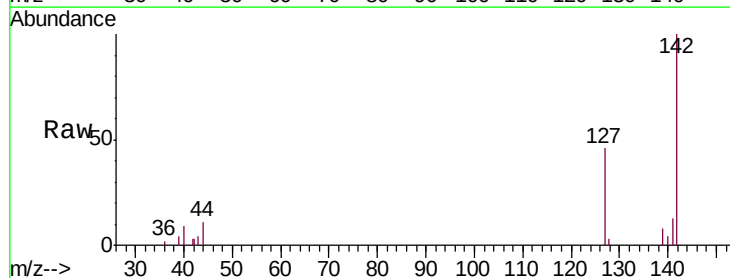
Tgt Ion:142 Resp: 17133

Ion Ratio Lower Upper

142 100

127 44.8 36.3 54.5

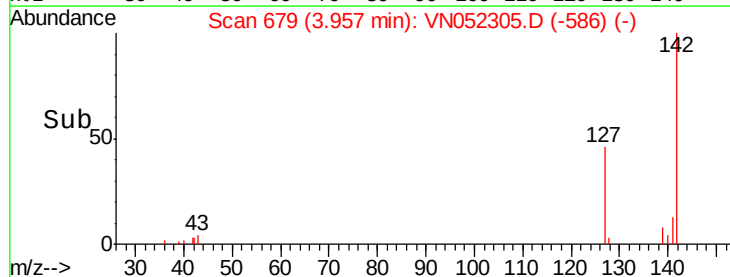
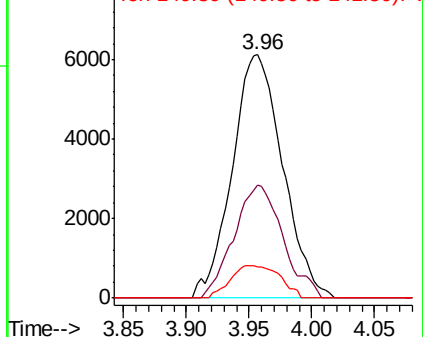
141 13.1 11.4 17.2

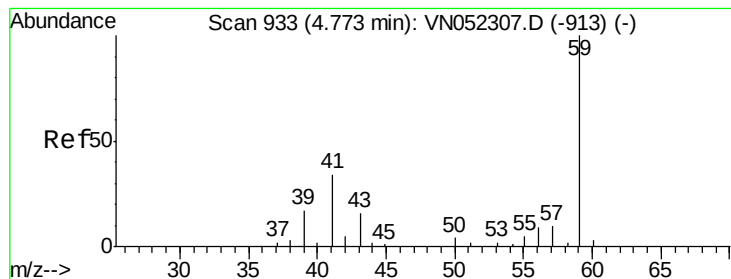


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 13.170 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

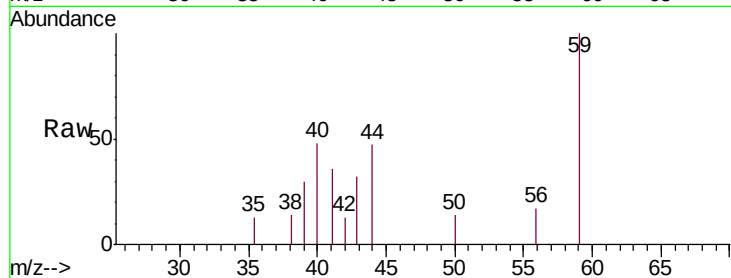
VSTDIC005

Tgt Ion: 59 Resp: 2458

Ion Ratio Lower Upper

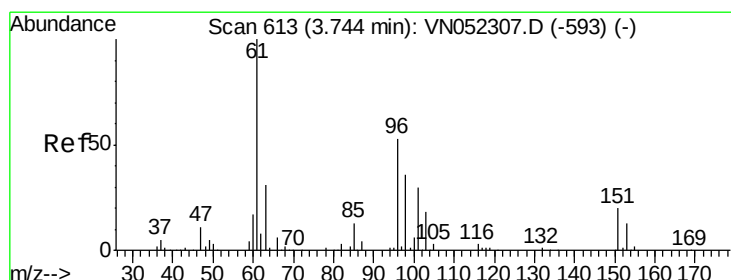
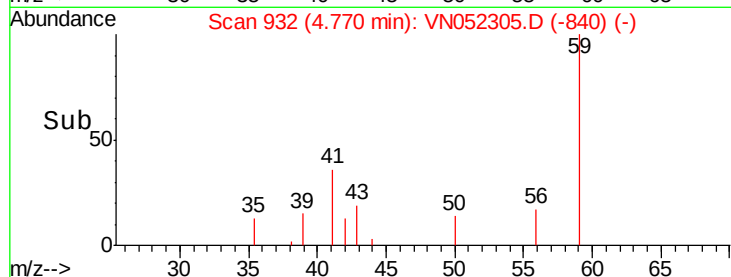
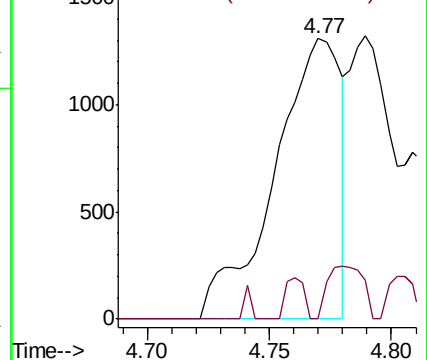
59 100

57 10.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 5.313 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

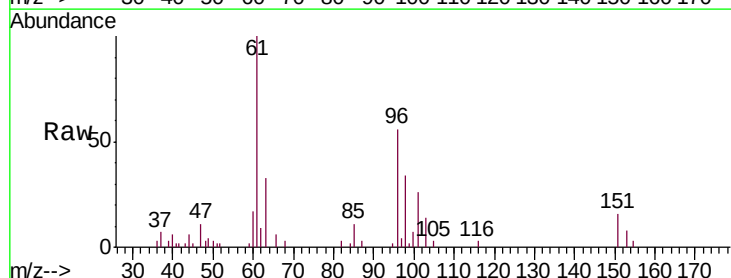
Tgt Ion: 96 Resp: 13633

Ion Ratio Lower Upper

96 100

61 177.0 149.6 224.4

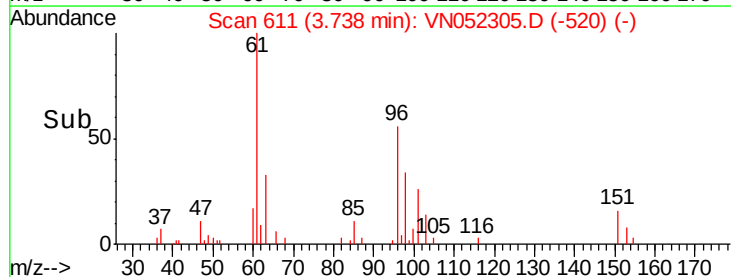
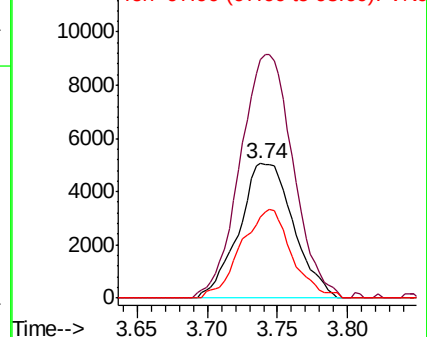
98 60.7 54.2 81.2

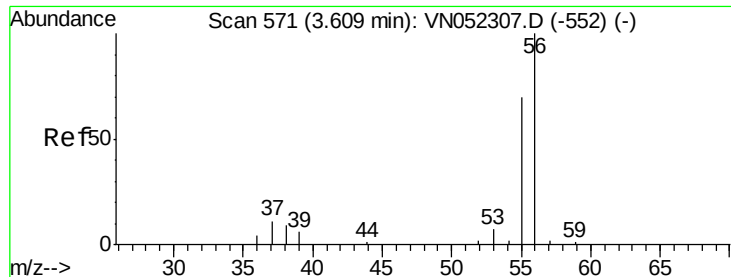


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

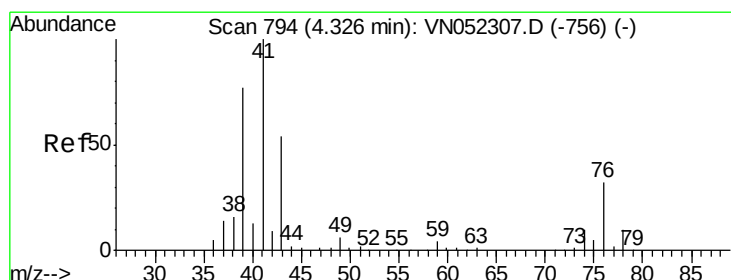
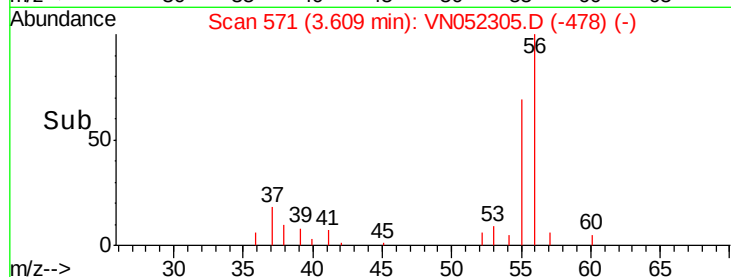
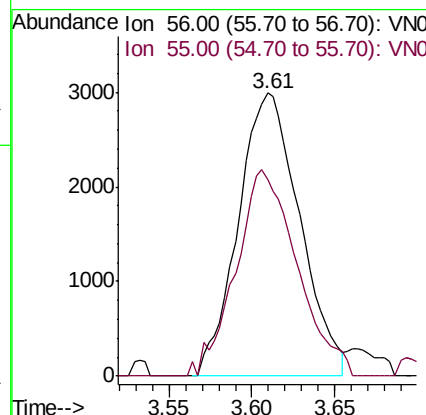
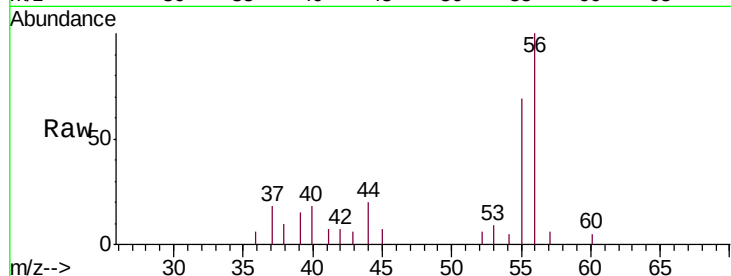




#13
 Acrolein
 Concen: 30.026 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

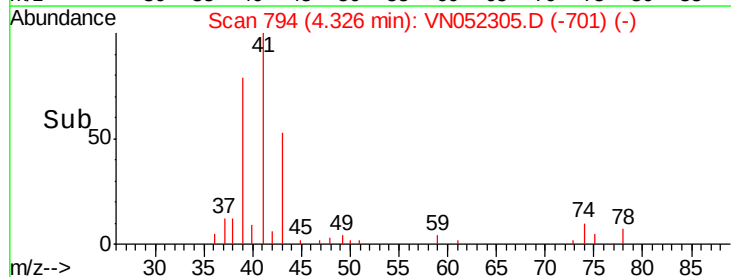
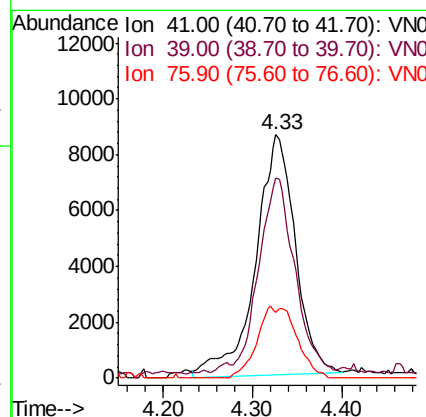
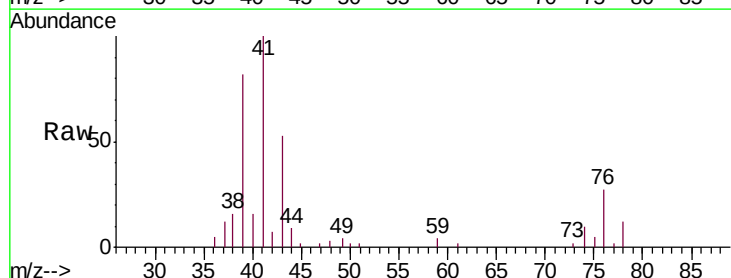
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

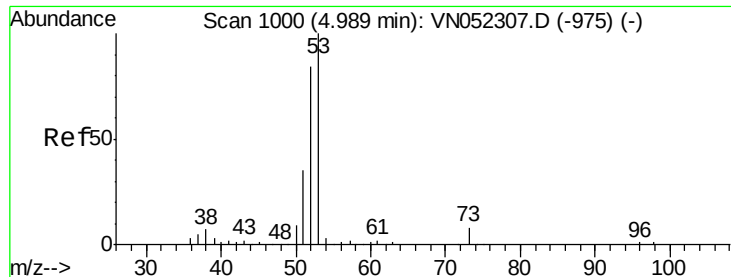
Tgt Ion: 56 Resp: 7709
 Ion Ratio Lower Upper
 56 100
 55 72.8 57.6 86.4



#14
 Allyl chloride
 Concen: 5.019 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 41 Resp: 26445
 Ion Ratio Lower Upper
 41 100
 39 71.2 59.1 88.7
 76 14.8 24.1 36.1#





#15

Acrylonitrile

Concen: 25.653 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

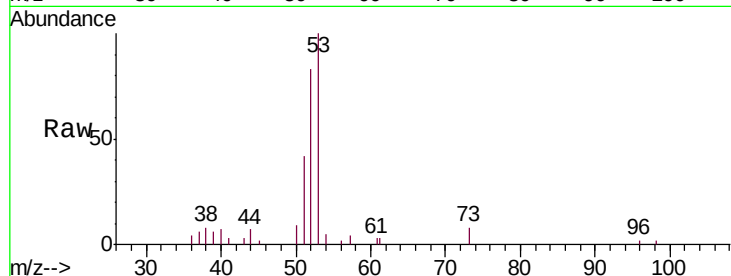
Tgt Ion: 53 Resp: 27623

Ion Ratio Lower Upper

53 100

52 80.4 67.5 101.3

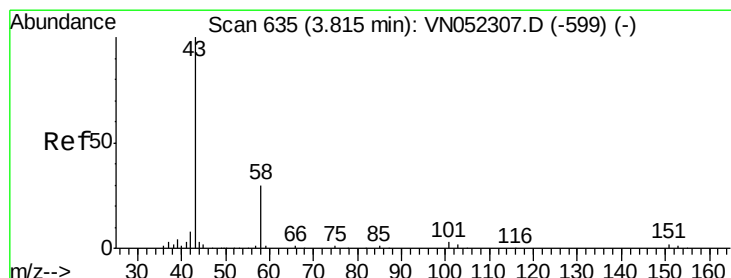
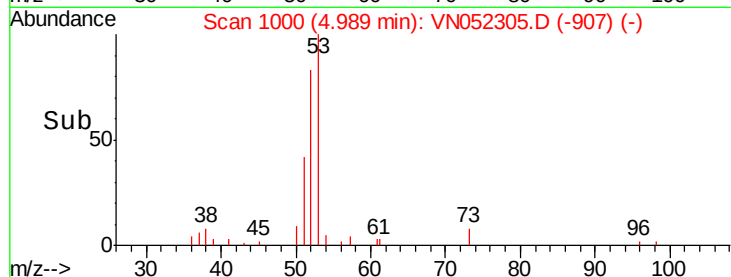
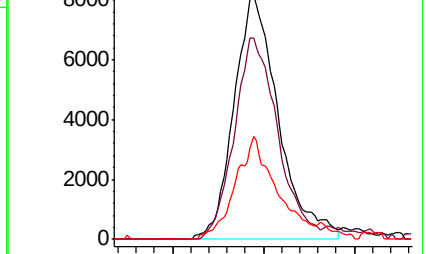
51 39.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN052305.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN052305.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN052305.D (-975) (-)



#16

Acetone

Concen: 24.928 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052305.D

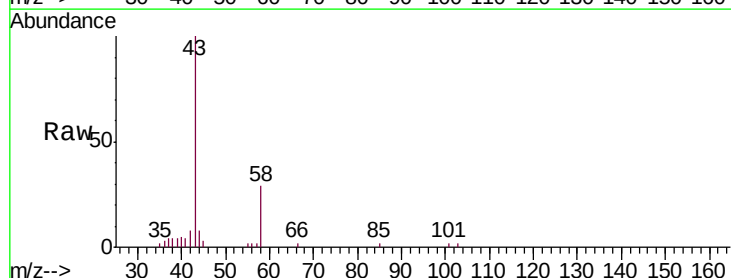
Acq: 14 Nov 2018 10:57

Tgt Ion: 43 Resp: 24572

Ion Ratio Lower Upper

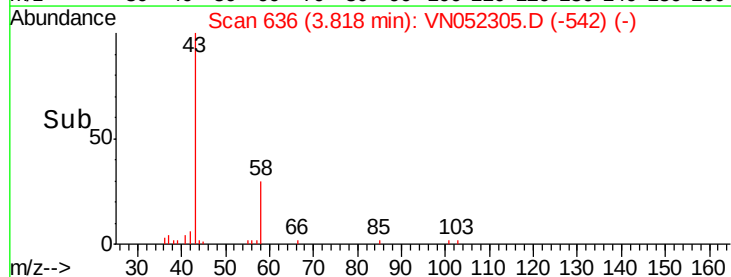
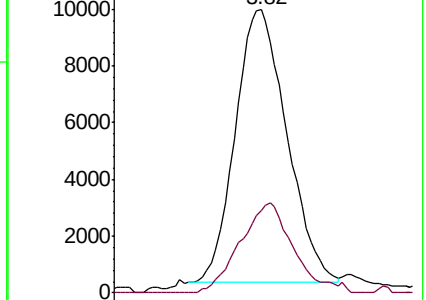
43 100

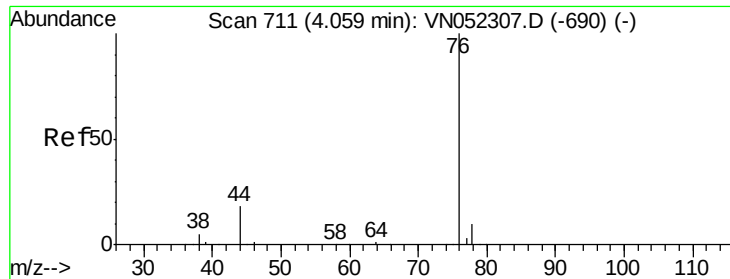
58 30.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052305.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052305.D (-542) (-)

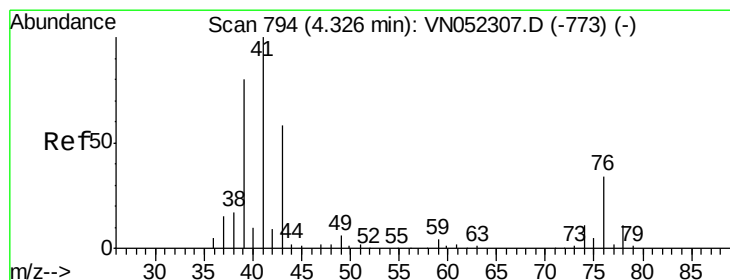
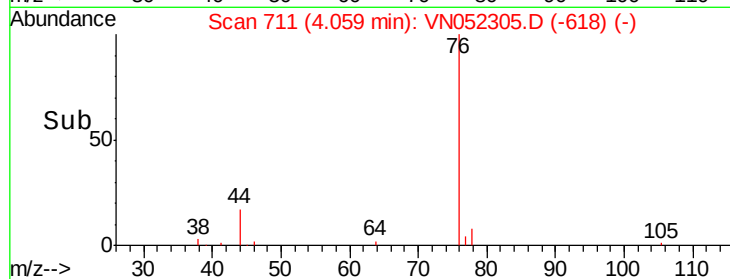
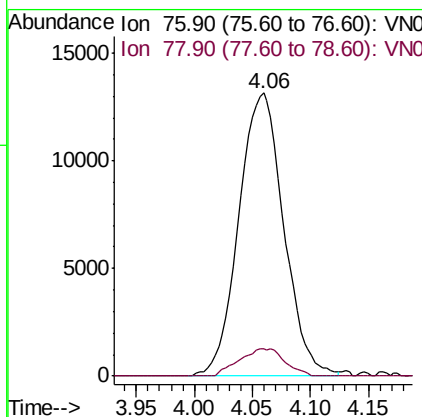
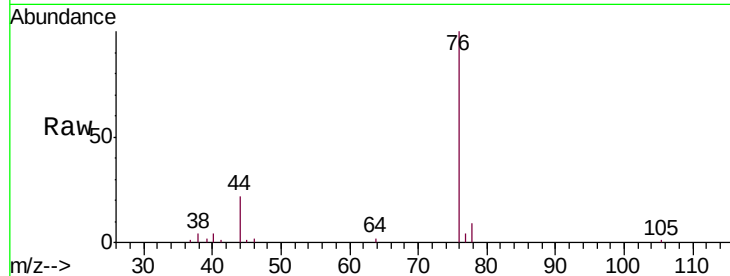




#17
Carbon Disulfide
Concen: 4.813 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

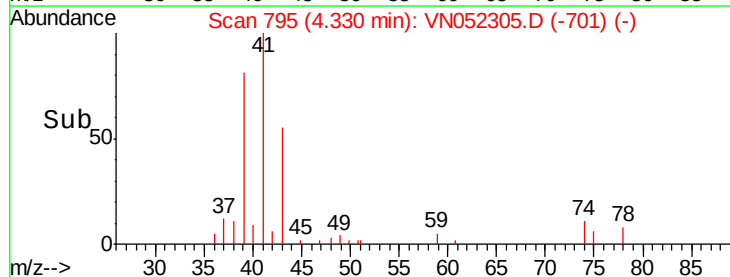
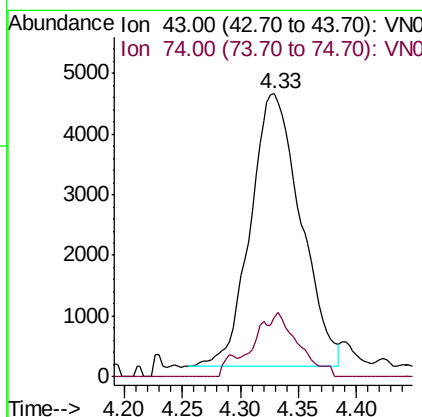
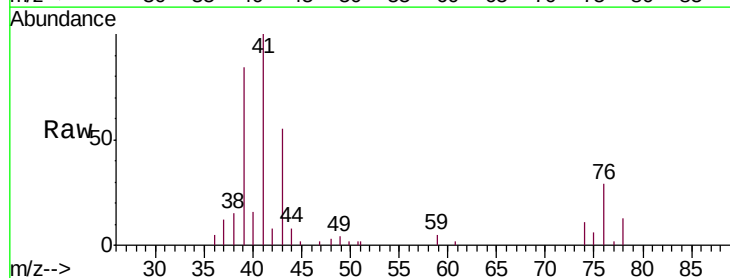
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

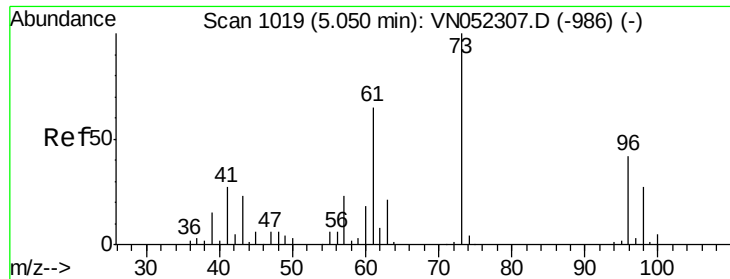
Tgt Ion: 76 Resp: 35414
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 4.823 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 43 Resp: 13567
Ion Ratio Lower Upper
43 100
74 3.1 15.9 23.9#

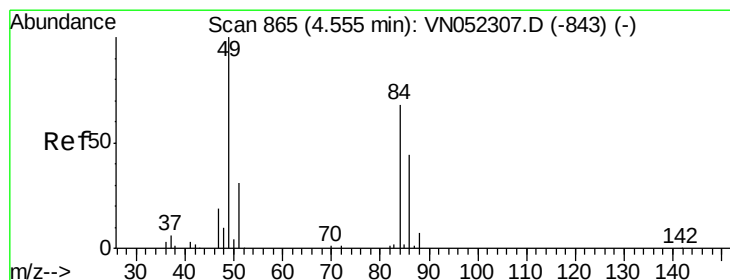
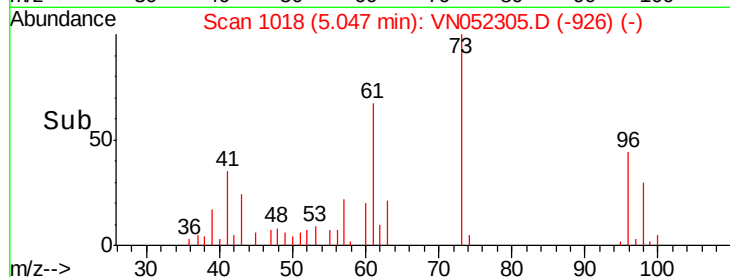
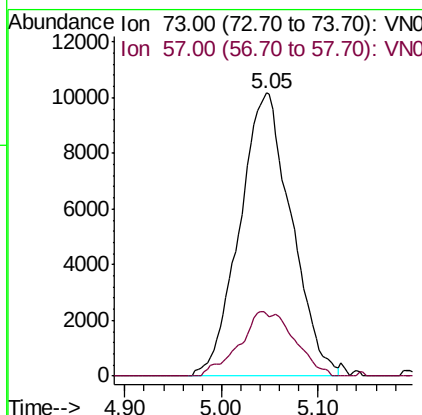
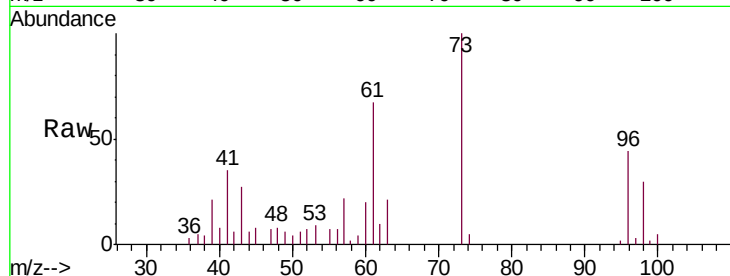




#19
Methyl tert-butyl Ether
Concen: 5.129 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

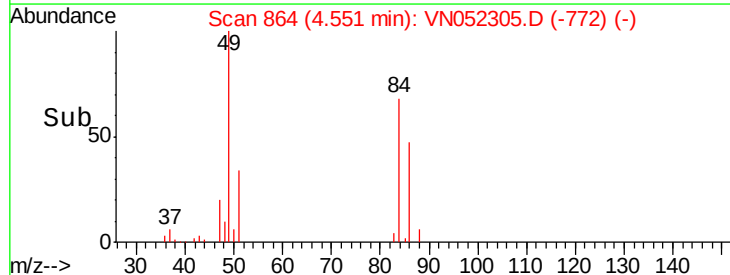
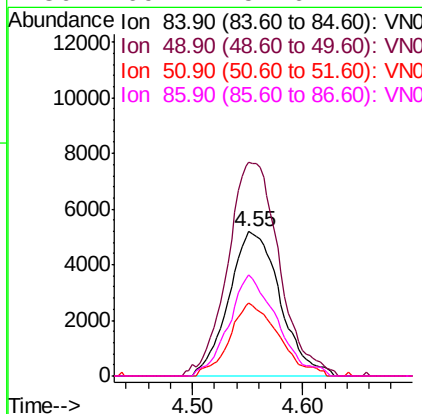
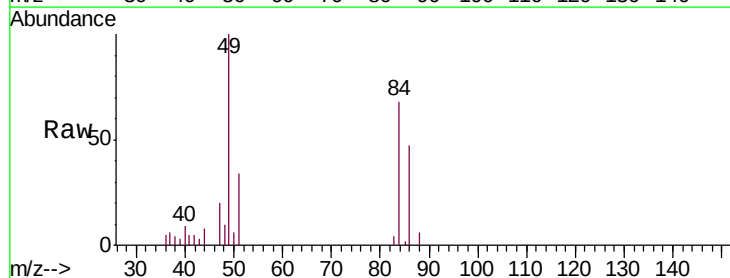
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

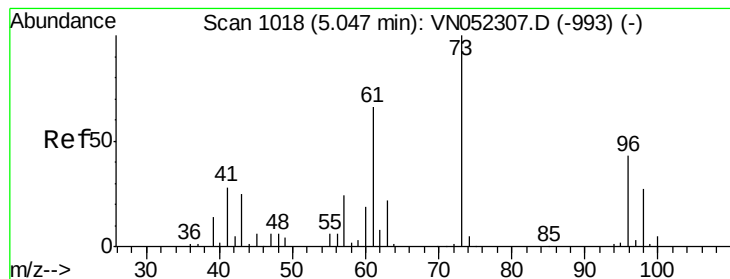
Tgt Ion: 73 Resp: 37819
Ion Ratio Lower Upper
73 100
57 21.8 18.7 28.1



#20
Methylene Chloride
Concen: 5.180 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 84 Resp: 16714
Ion Ratio Lower Upper
84 100
49 147.9 118.2 177.2
51 50.7 36.1 54.1
86 69.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 5.575 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

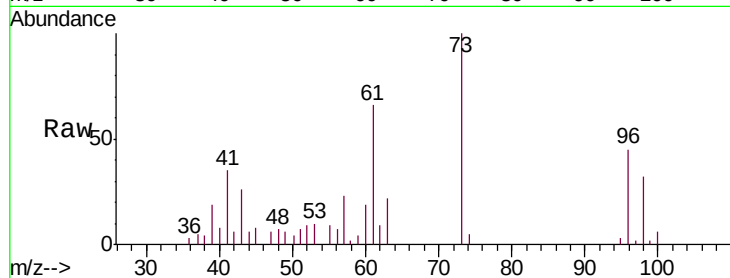
Tgt Ion: 96 Resp: 14818

Ion Ratio Lower Upper

96 100

61 144.5 123.6 185.4

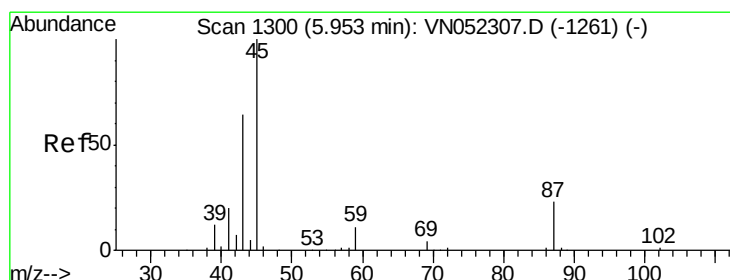
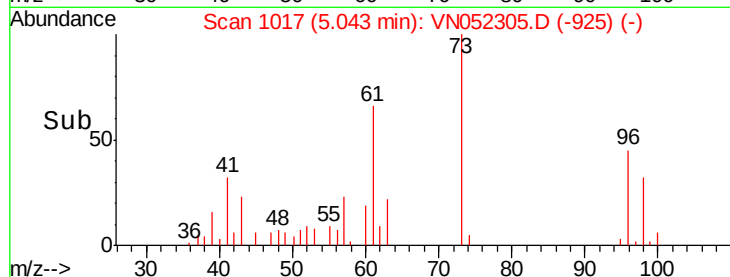
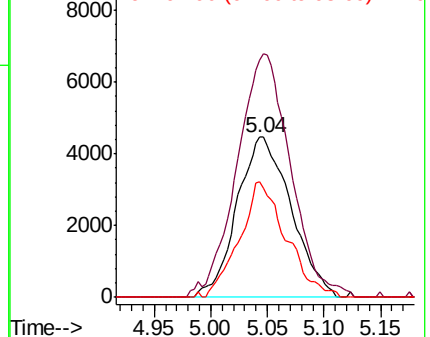
98 72.2 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VN052307.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN052307.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN052307.D (-993) (-)



#22

Diisopropyl ether

Concen: 5.077 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Tgt Ion: 45 Resp: 55165

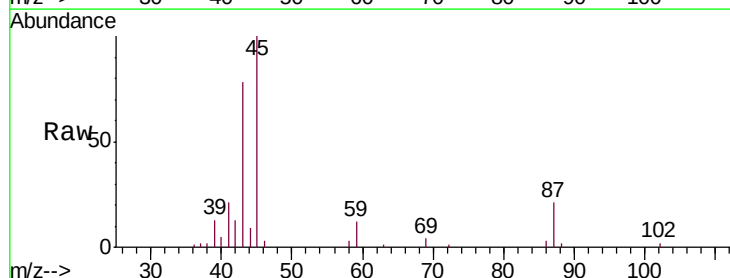
Ion Ratio Lower Upper

45 100

43 73.9 51.4 77.2

87 20.8 18.8 28.2

59 11.8 8.6 12.8

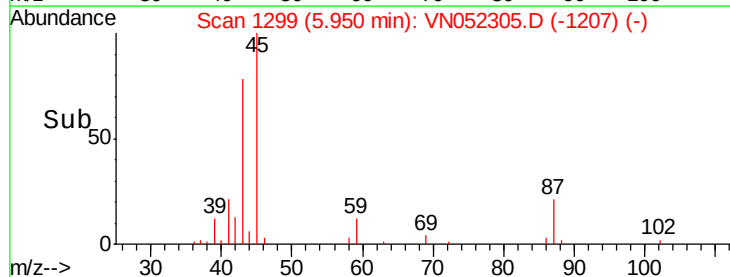
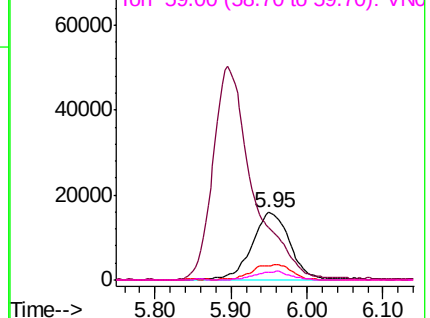


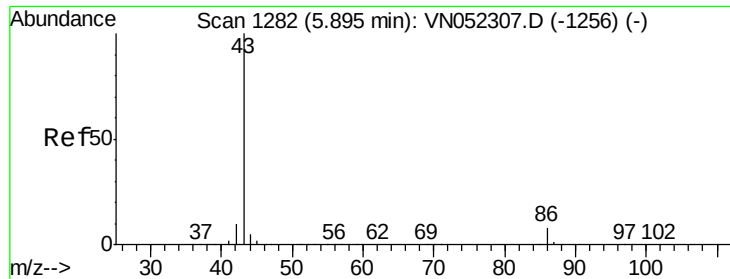
Abundance Ion 45.00 (44.70 to 45.70): VN052307.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN052307.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN052307.D (-1261) (-)

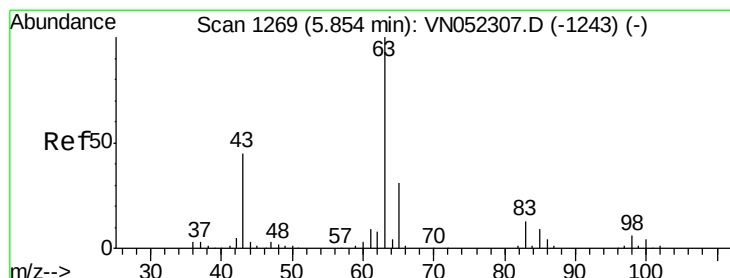
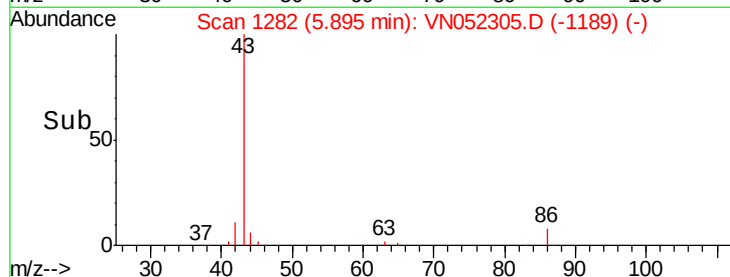
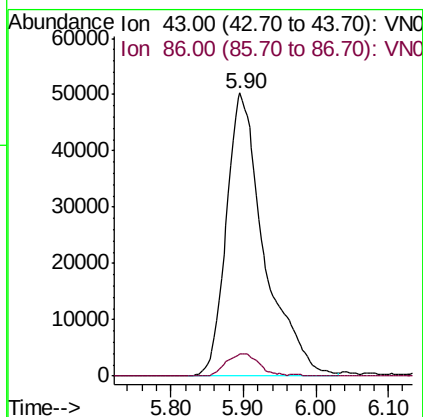
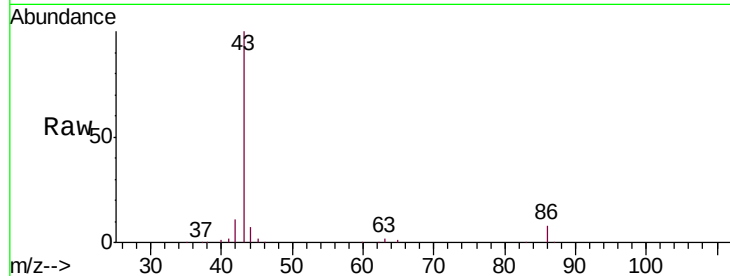




#23
 Vinyl Acetate
 Concen: 25.097 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

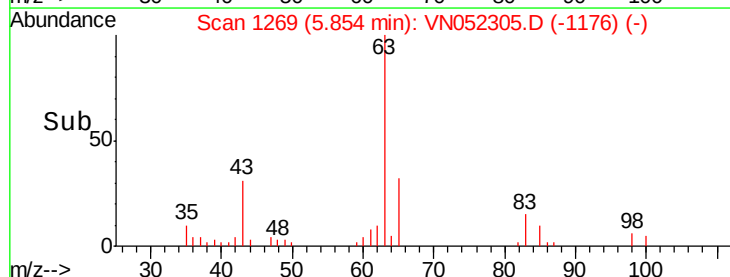
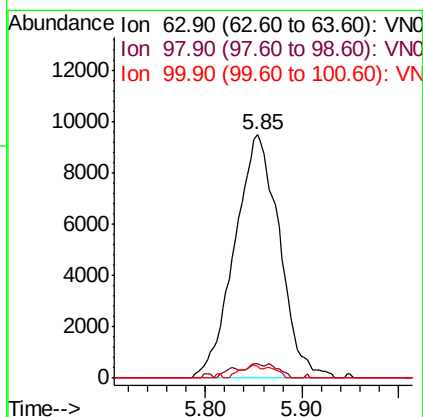
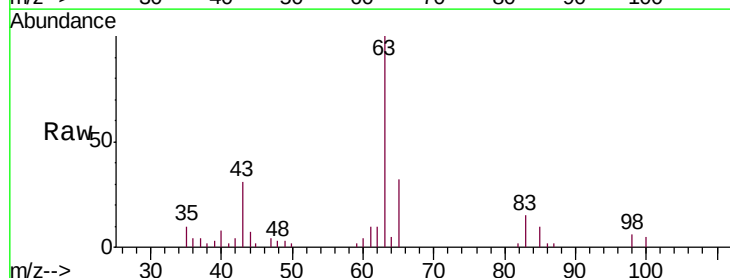
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

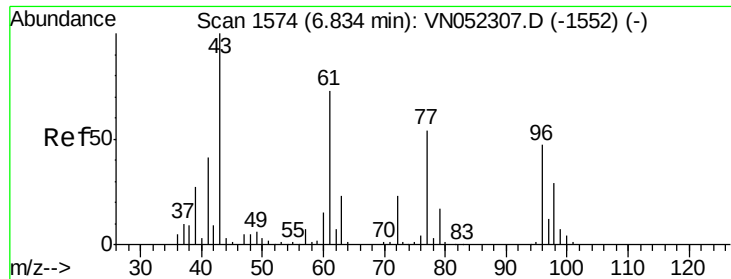
Tgt Ion: 43 Resp: 183014
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 5.300 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 63 Resp: 30552
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.6
 100 4.9 1.9 5.7

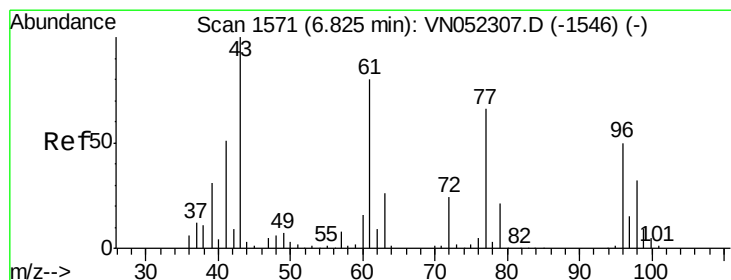
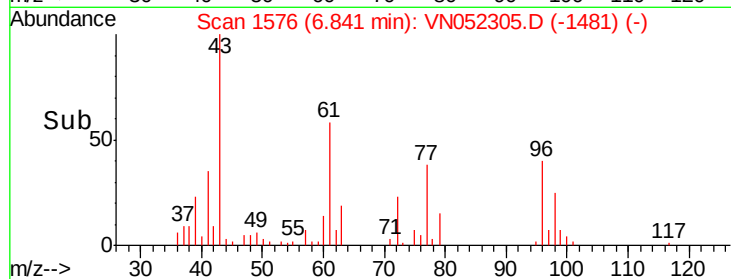
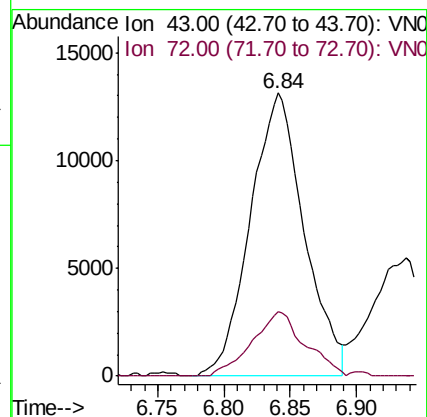
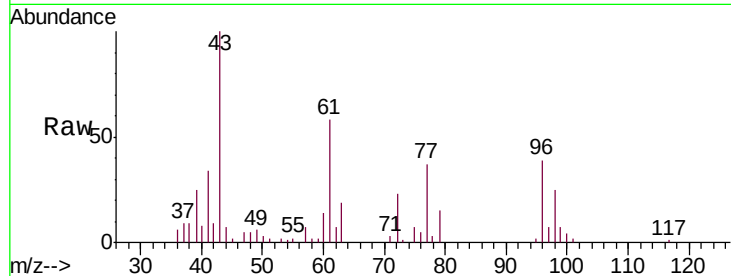




#25
2-Butanone
Concen: 27.164 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

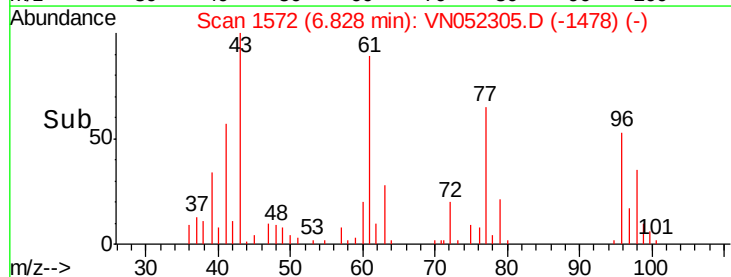
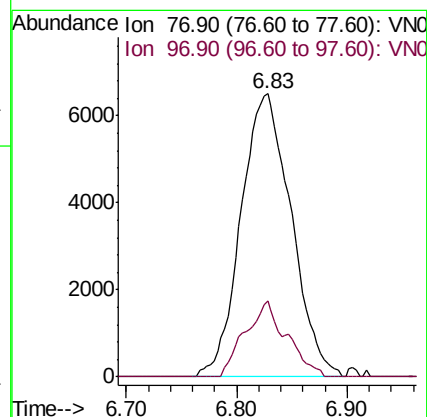
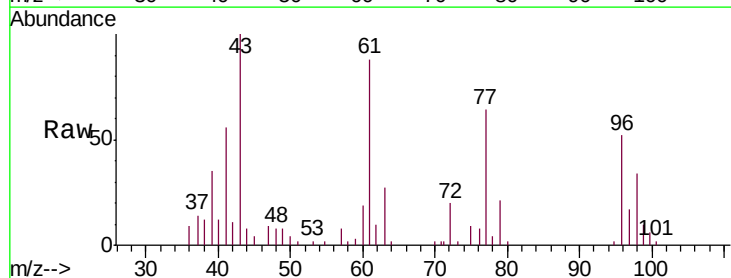
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

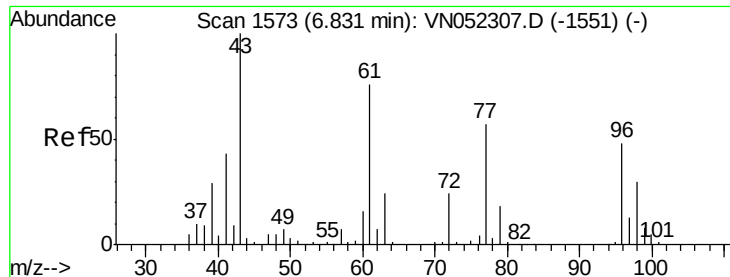
Tgt Ion: 43 Resp: 37061
Ion Ratio Lower Upper
43 100
72 22.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 4.845 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 77 Resp: 20534
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 5.315 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

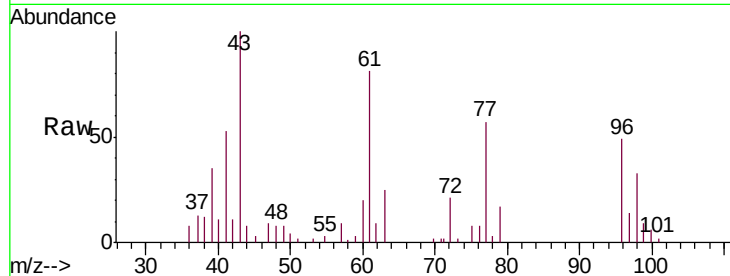
Tgt Ion: 96 Resp: 17093

Ion Ratio Lower Upper

96 100

61 157.3 0.0 316.8

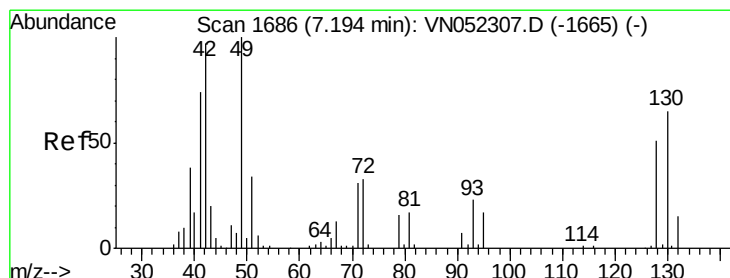
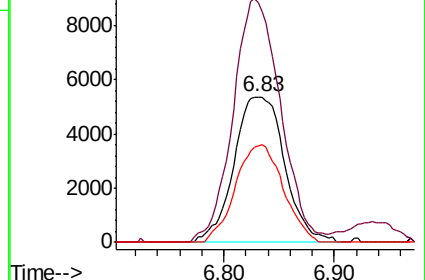
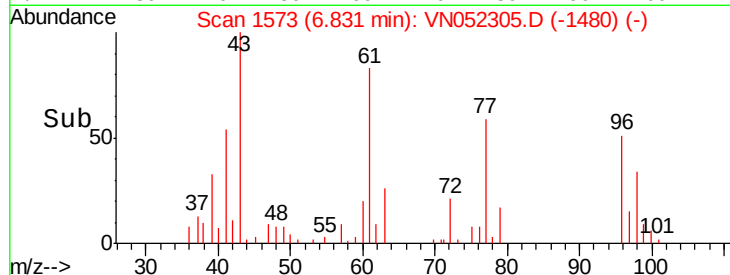
98 63.2 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN052305.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052305.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052305.D (-1480) (-)



#28

Bromochloromethane

Concen: 5.279 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

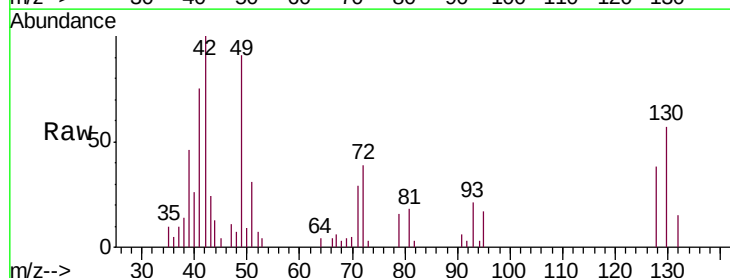
Tgt Ion: 49 Resp: 15647

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

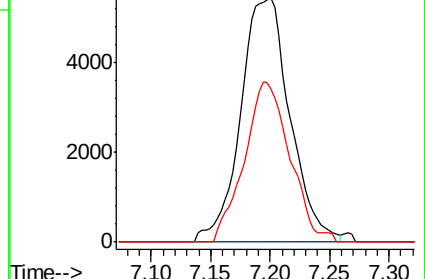
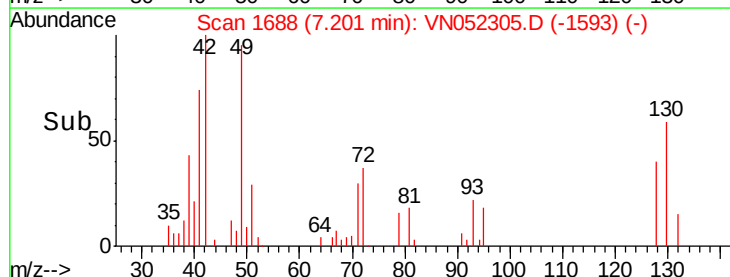
130 60.5 50.4 75.6

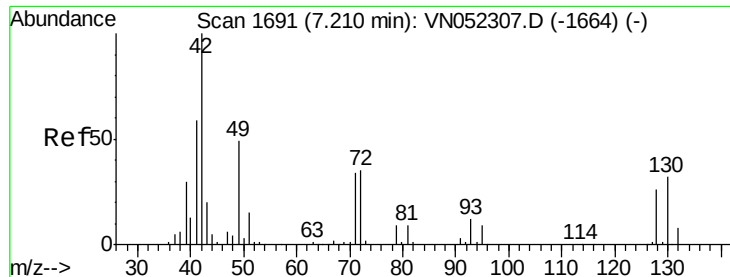


Abundance Ion 48.90 (48.60 to 49.60): VN052305.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052305.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052305.D (-1593) (-)

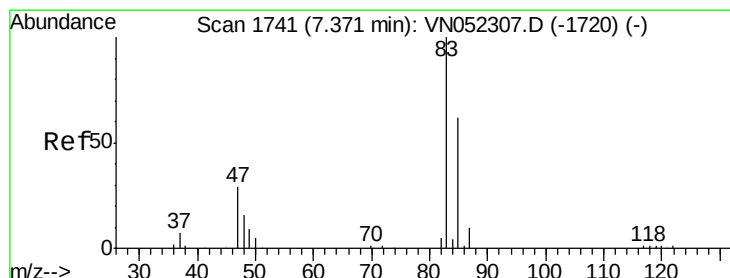
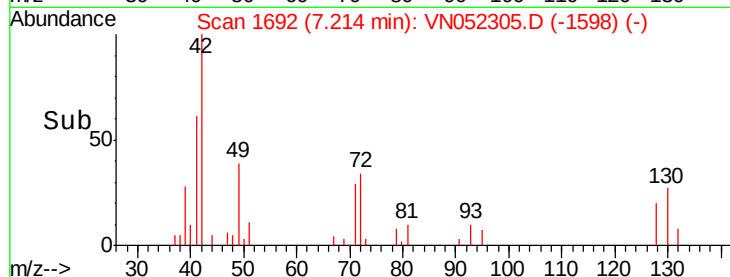
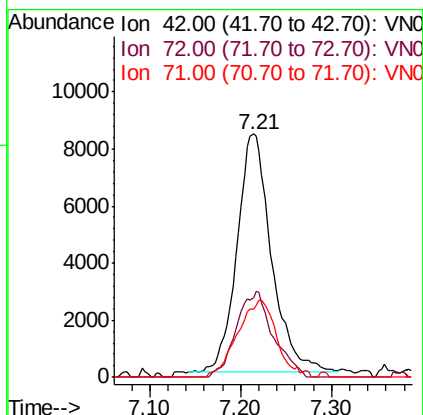
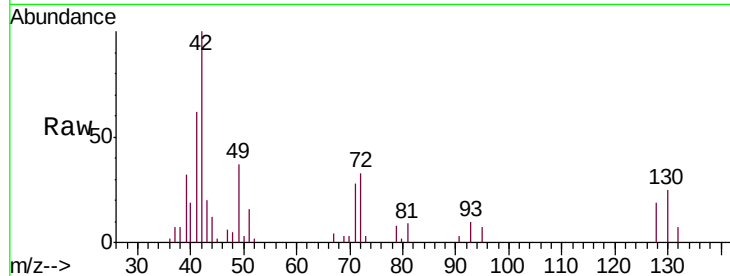




#29
Tetrahydrofuran
Concen: 24.446 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

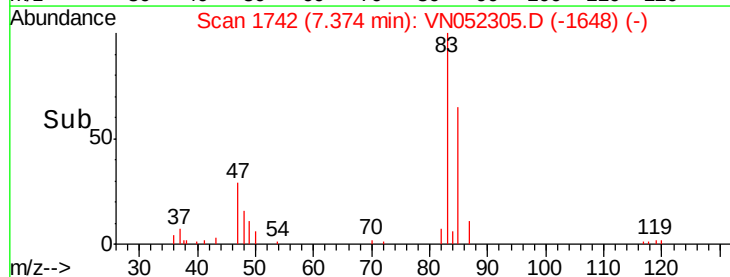
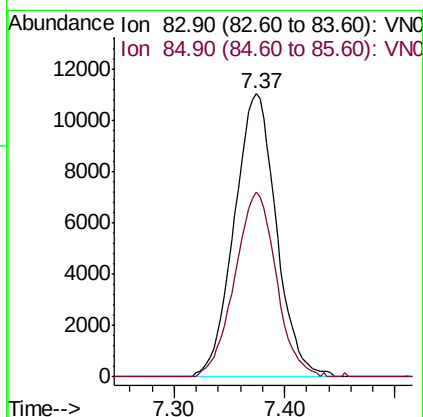
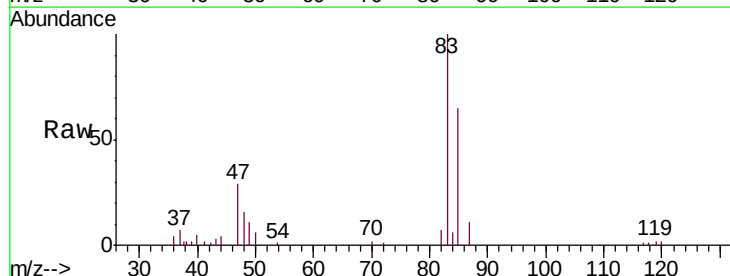
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

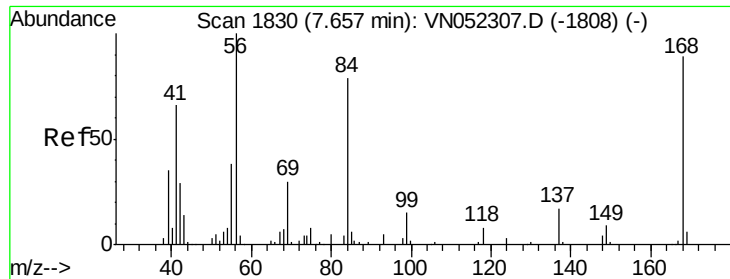
Tgt Ion: 42 Resp: 22082
Ion Ratio Lower Upper
42 100
72 38.4 28.6 42.8
71 36.5 26.7 40.1



#30
Chloroform
Concen: 5.312 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 83 Resp: 29180
Ion Ratio Lower Upper
83 100
85 65.3 49.4 74.2

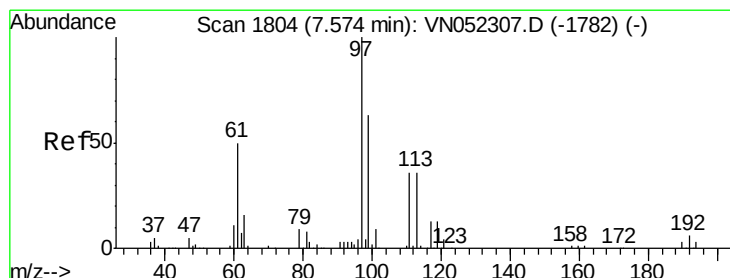
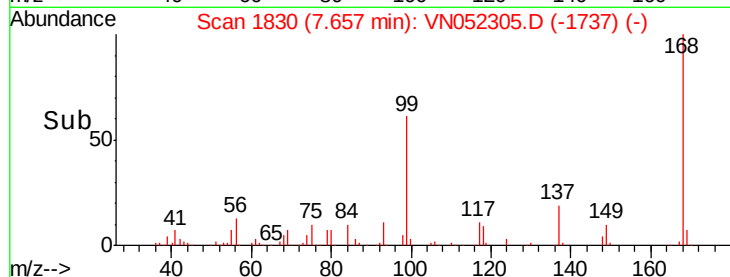
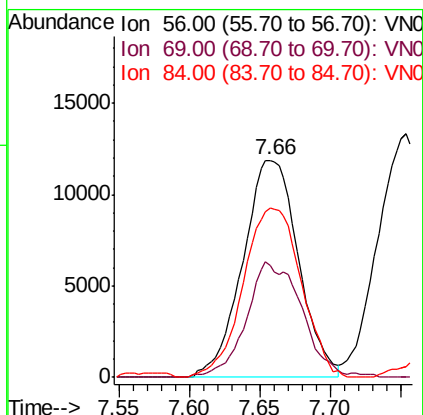
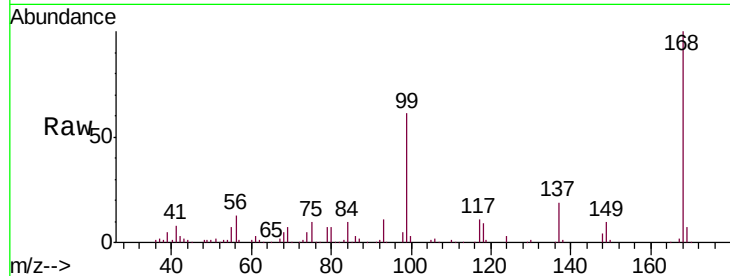




#31
Cyclohexane
Concen: 4.887 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

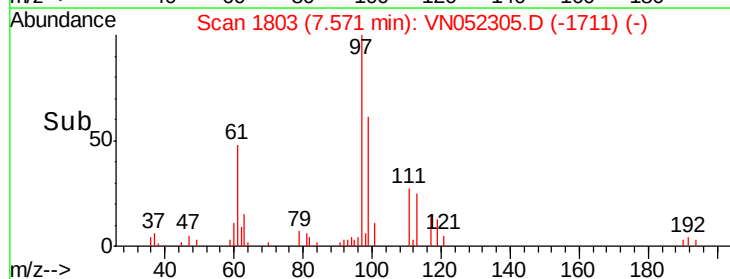
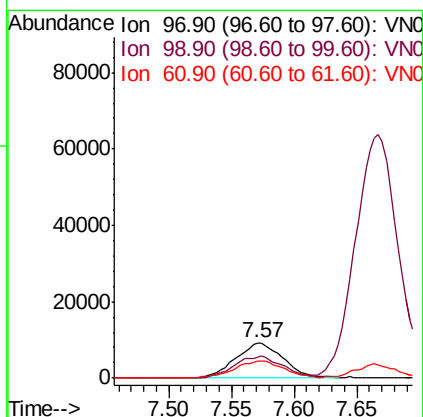
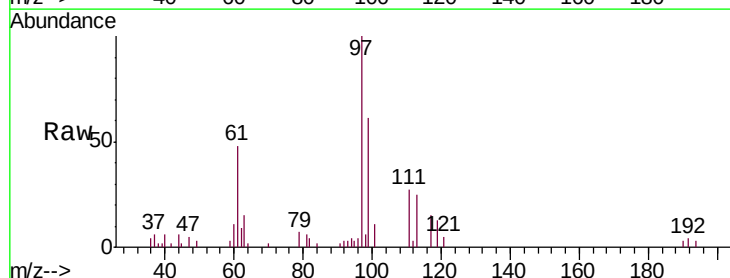
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

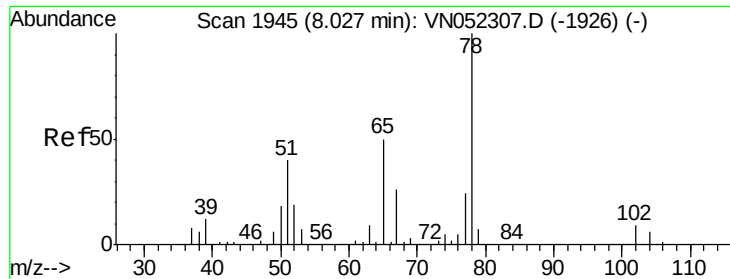
Tgt Ion: 56 Resp: 32661
Ion Ratio Lower Upper
56 100
69 51.4 23.8 35.8#
84 78.0 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 5.163 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 97 Resp: 24161
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.2
61 50.9 40.2 60.4

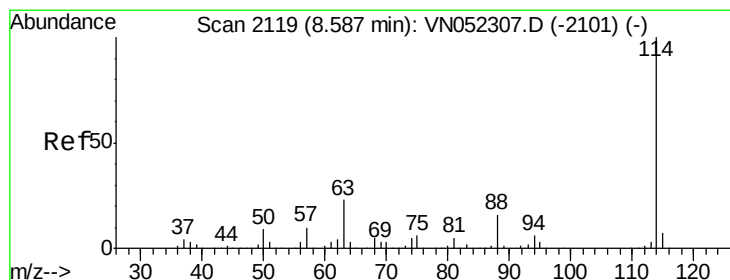
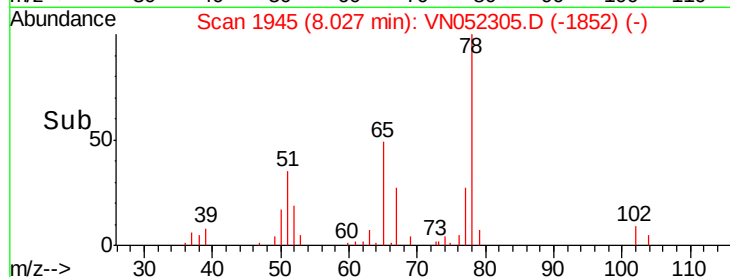
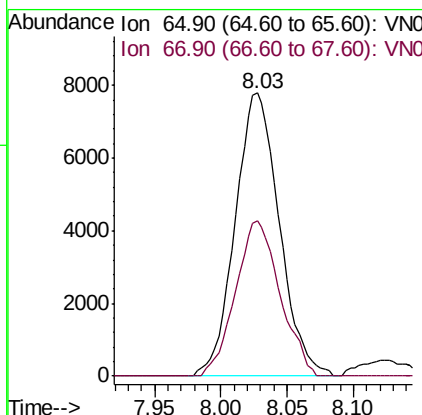
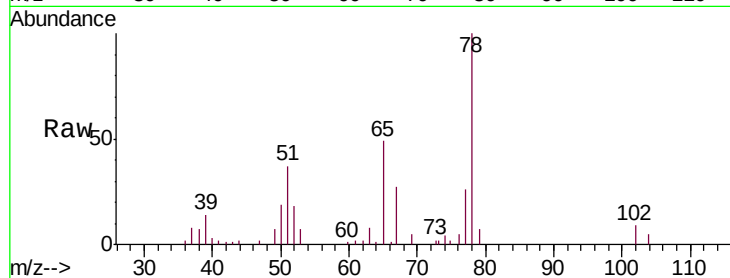




#33
 1,2-Dichloroethane-d4
 Concen: 5.163 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

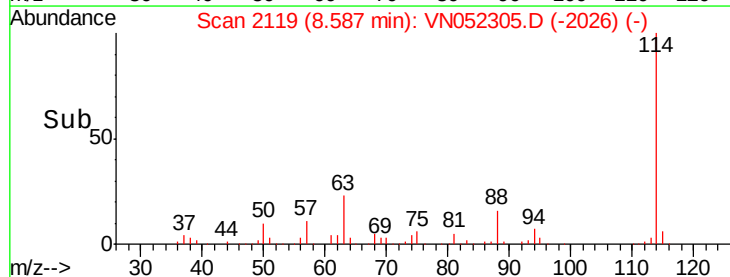
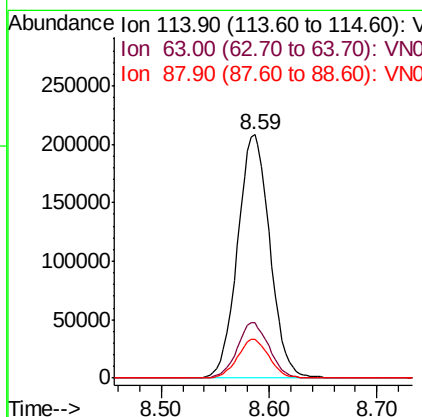
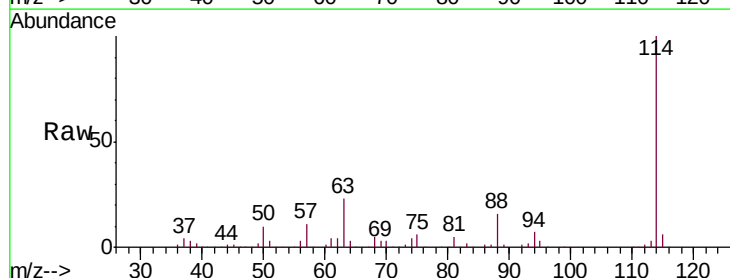
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

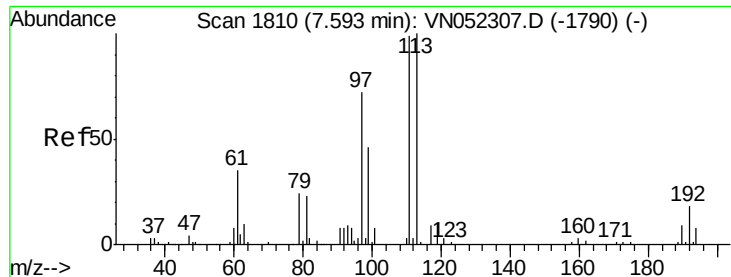
Tgt Ion: 65 Resp: 18037
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 114 Resp: 433400
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.4
 88 16.0 0.0 31.2

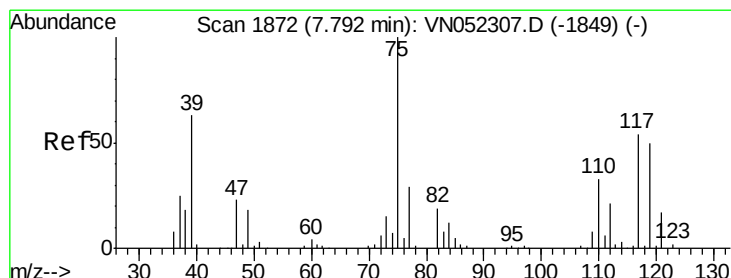
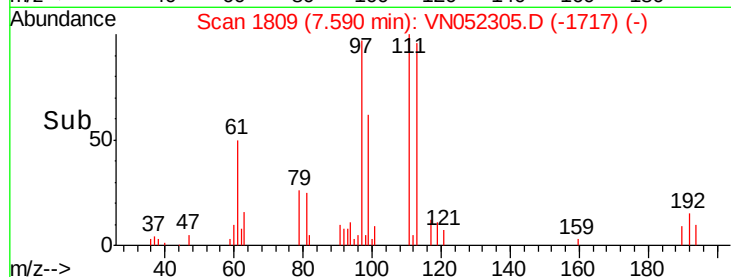
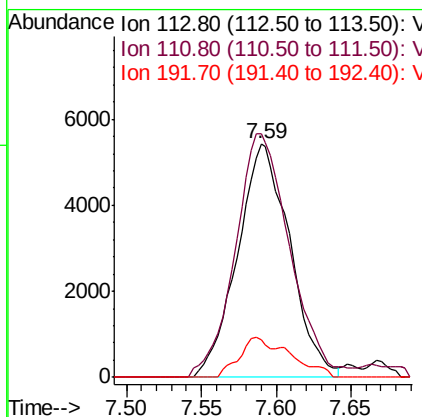
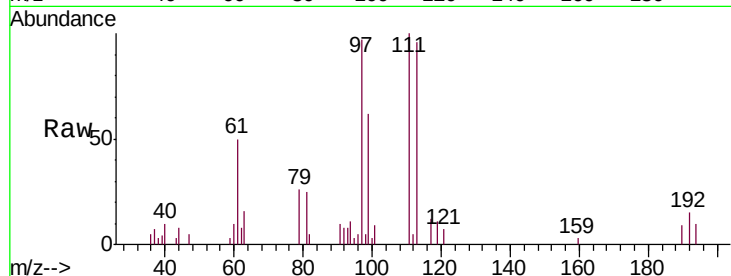




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

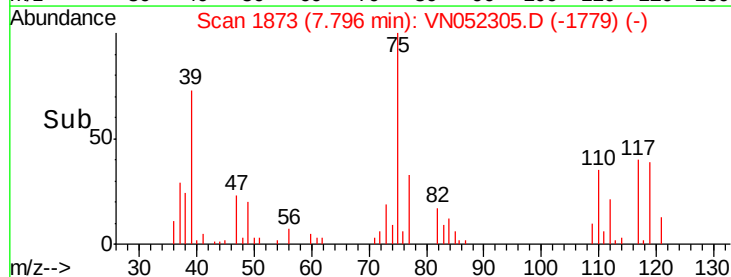
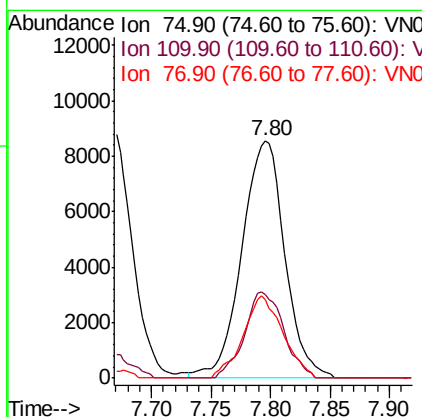
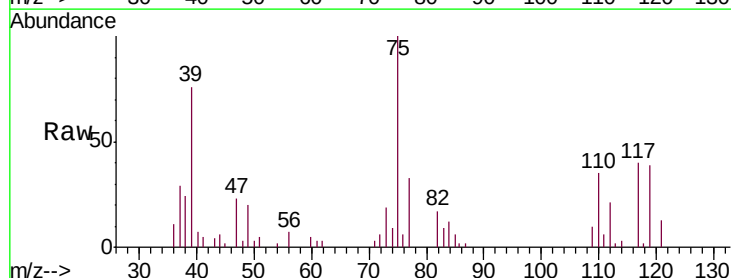
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

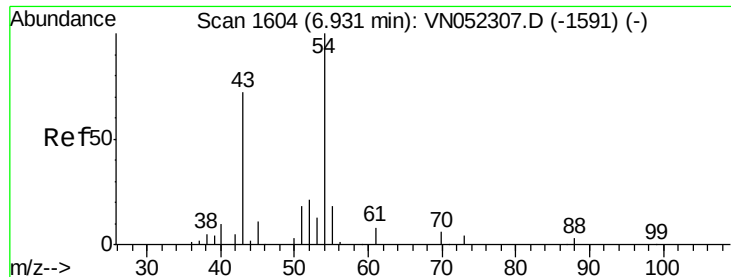
Tgt Ion: 113 Resp: 13209
 Ion Ratio Lower Upper
 113 100
 111 109.0 81.0 121.6
 192 10.5 13.8 20.6#



#36
 1,1-Dichloropropene
 Concen: 4.921 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 75 Resp: 21378
 Ion Ratio Lower Upper
 75 100
 110 33.0 16.5 49.5
 77 32.0 24.2 36.2

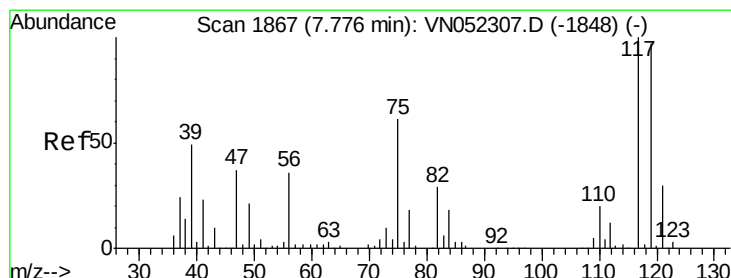
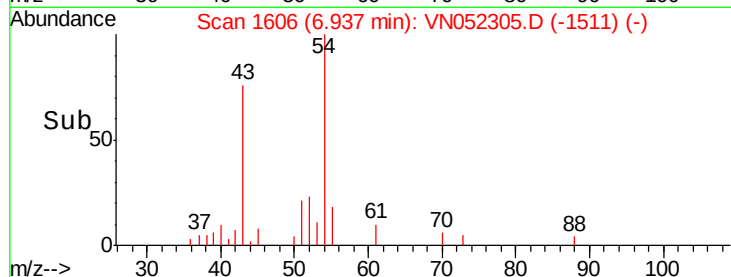
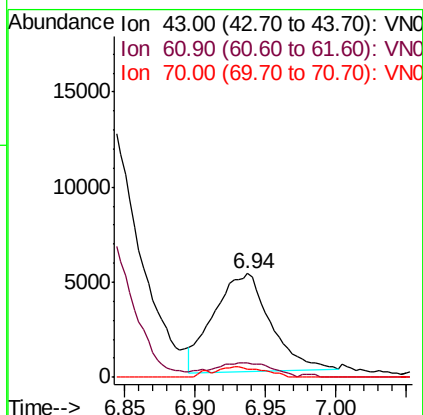
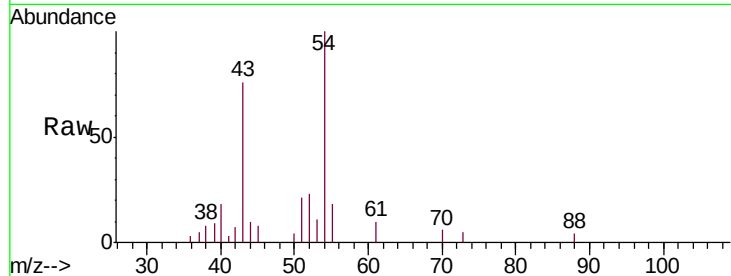




#37
Ethyl Acetate
Concen: 4.337 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

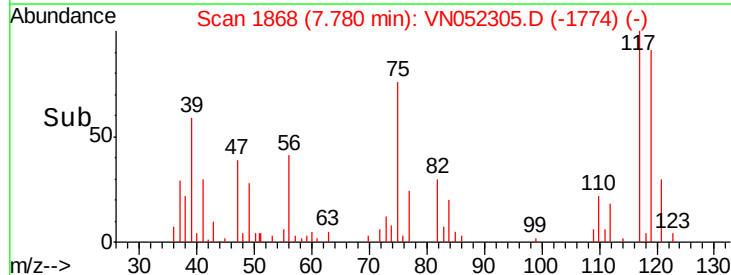
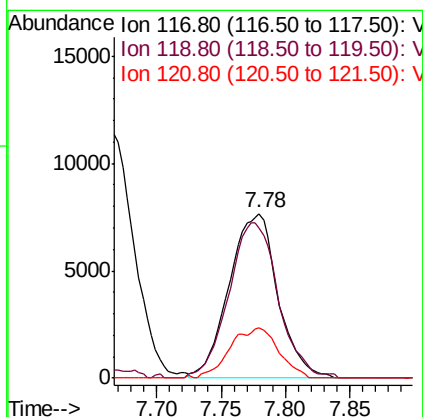
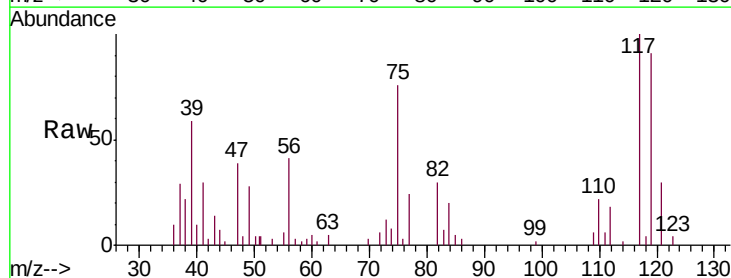
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

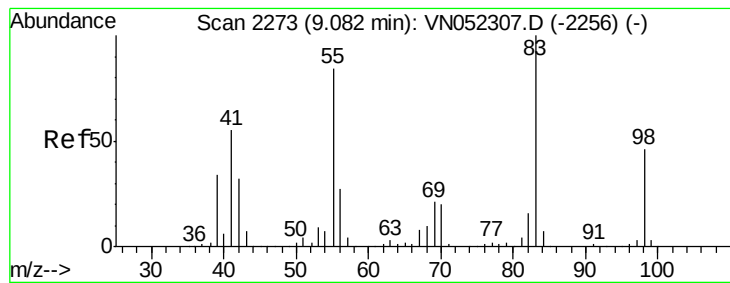
Tgt Ion: 43 Resp: 14396
Ion Ratio Lower Upper
43 100
61 16.1 10.3 15.5#
70 8.3 5.6 8.4



#38
Carbon Tetrachloride
Concen: 5.046 ug/l
RT: 7.78 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 117 Resp: 20139
Ion Ratio Lower Upper
117 100
119 90.9 77.4 116.0
121 30.4 24.0 36.0

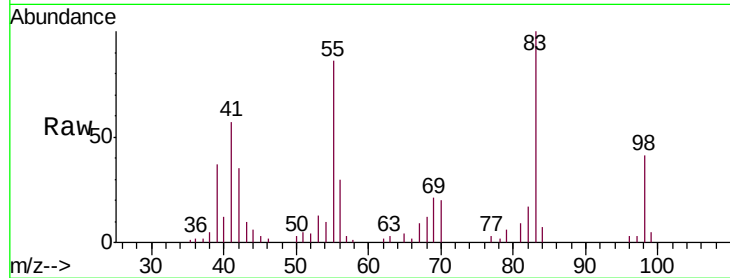




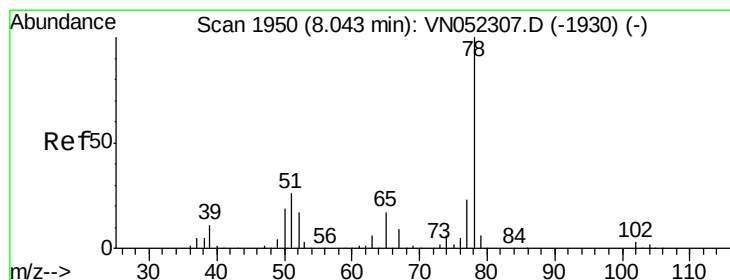
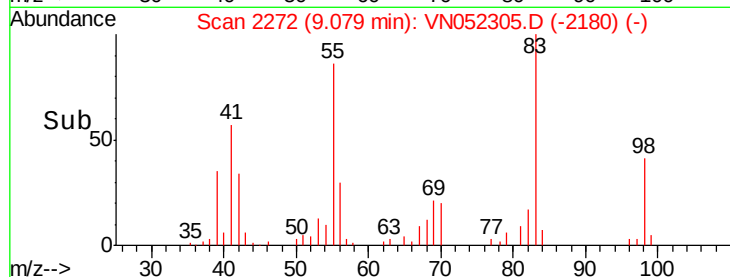
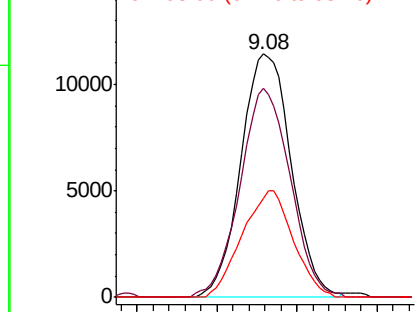
#39
Methylcyclohexane
Concen: 4.975 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 24671
Ion Ratio Lower Upper
83 100
55 85.7 66.8 100.2
98 40.8 36.4 54.6

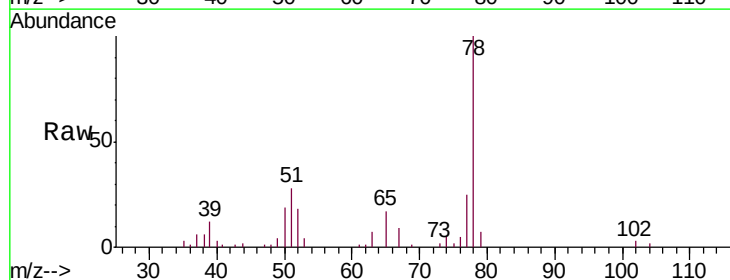


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

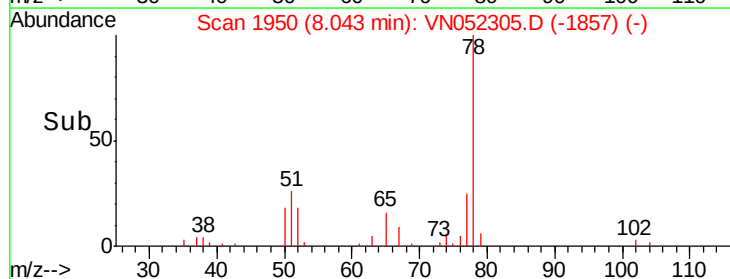
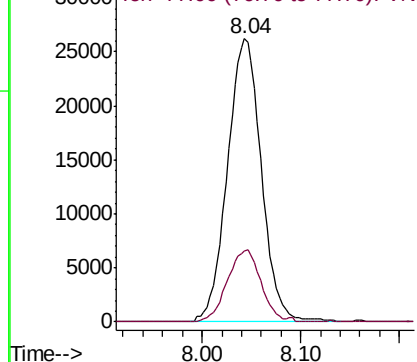


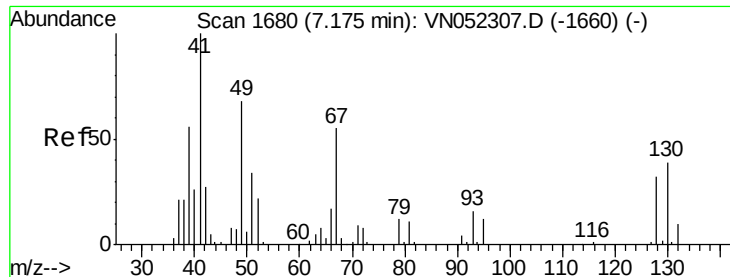
#40
Benzene
Concen: 5.061 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 78 Resp: 62801
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 5.083 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 41 Resp: 9079

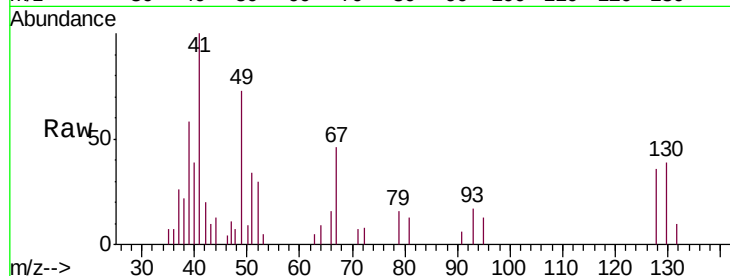
Ion Ratio Lower Upper

41 100

39 51.3 0.0 0.0#

67 64.6 0.0 0.0#

52 37.7 0.0 0.0#

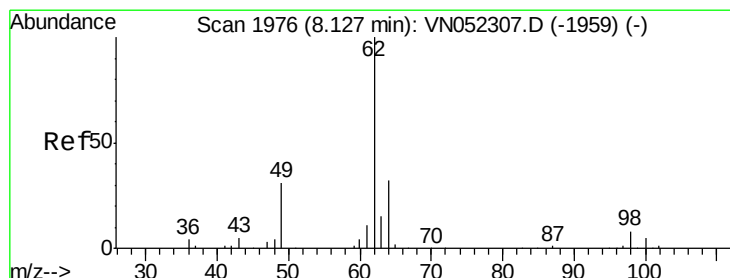
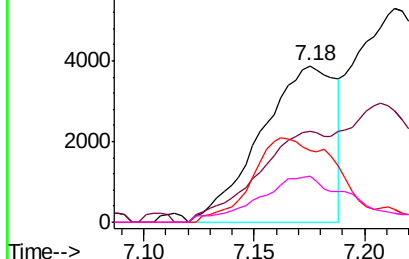
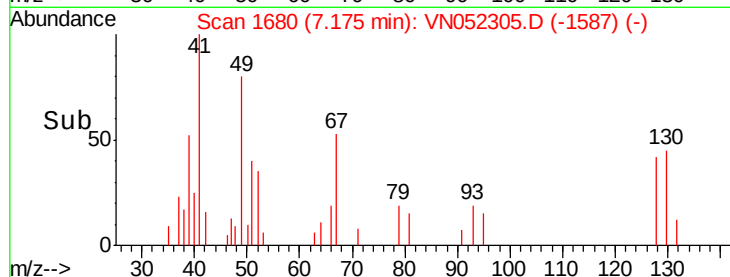


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 5.320 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN052305.D

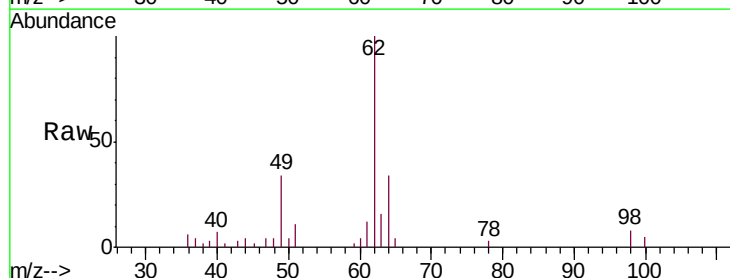
Acq: 14 Nov 2018 10:57

Tgt Ion: 62 Resp: 23541

Ion Ratio Lower Upper

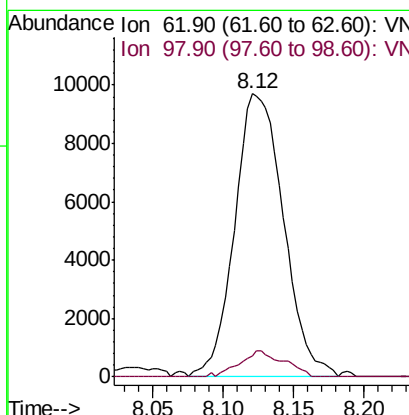
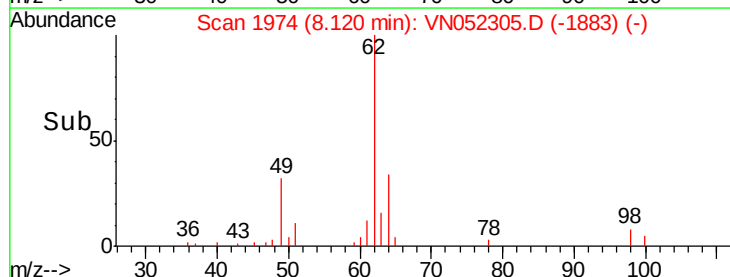
62 100

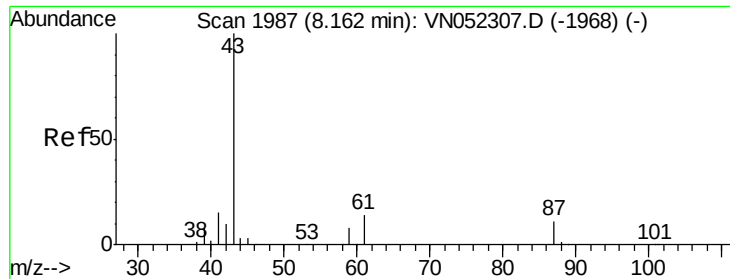
98 8.4 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 5.034 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

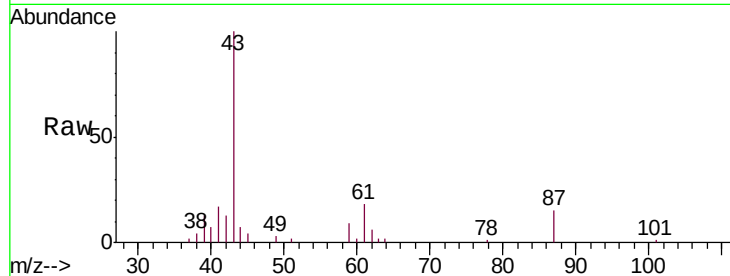
Tgt Ion: 43 Resp: 30624

Ion Ratio Lower Upper

43 100

61 11.3 12.0 18.0#

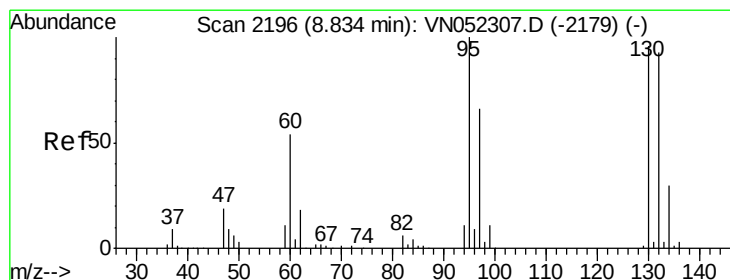
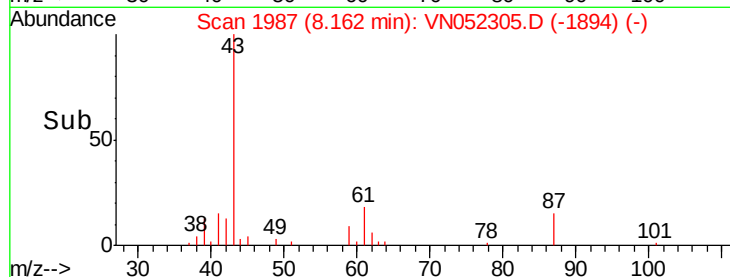
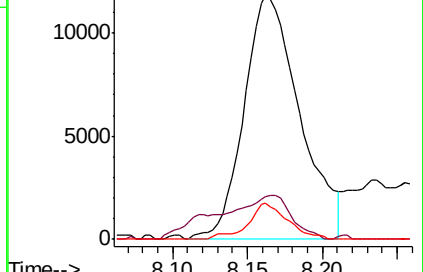
87 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#44

Trichloroethene

Concen: 4.860 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052305.D

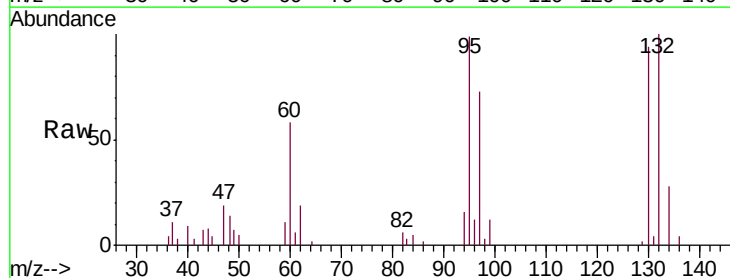
Acq: 14 Nov 2018 10:57

Tgt Ion: 130 Resp: 14855

Ion Ratio Lower Upper

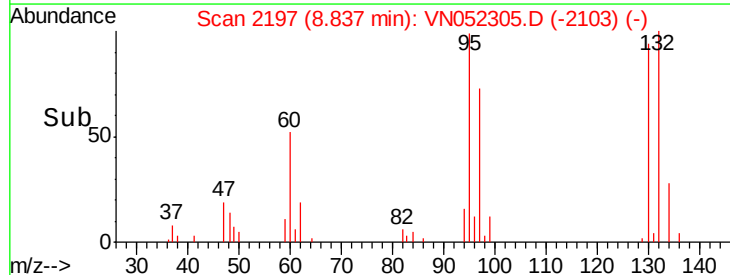
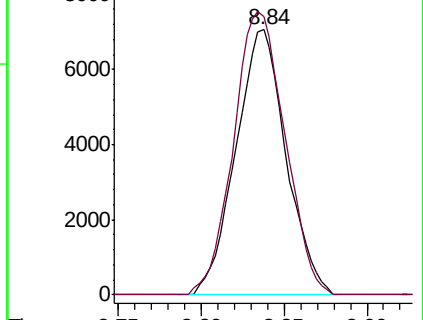
130 100

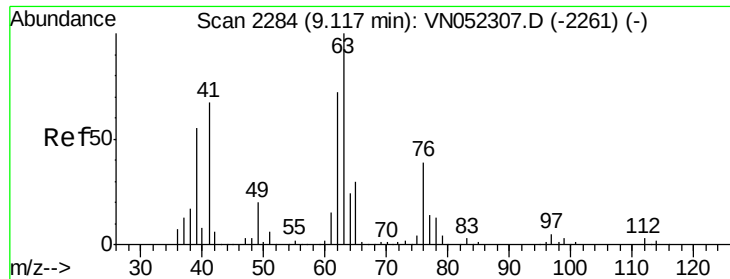
95 105.1 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

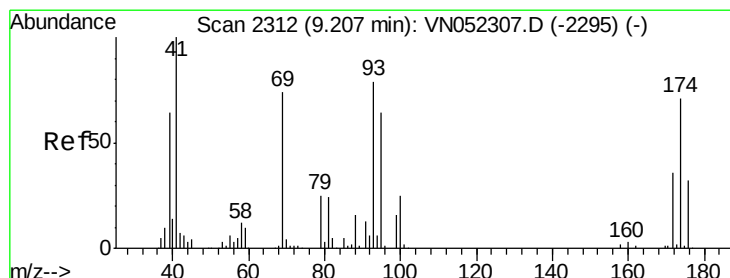
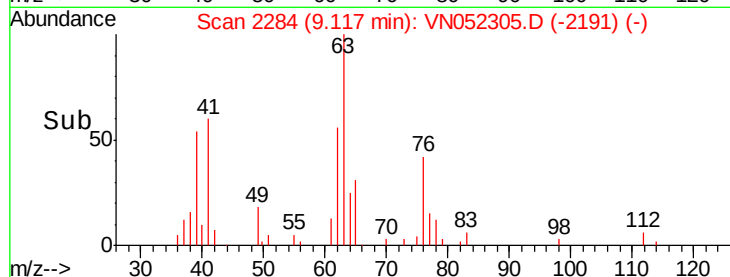
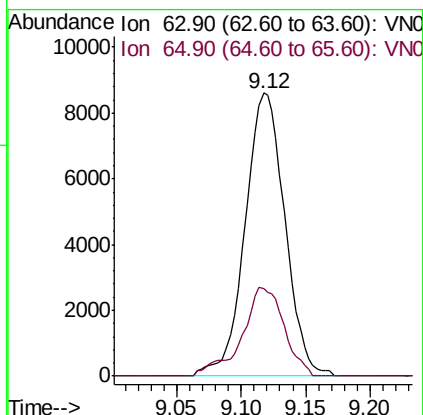
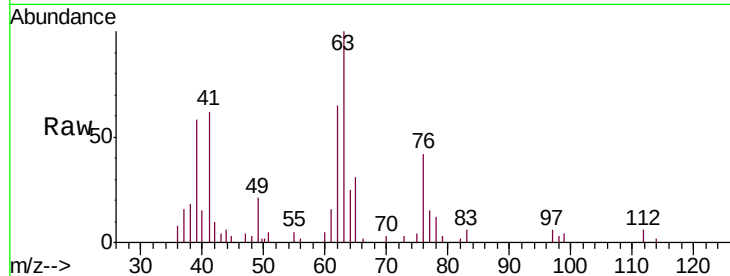




#45
 1,2-Dichloropropane
 Concen: 5.265 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

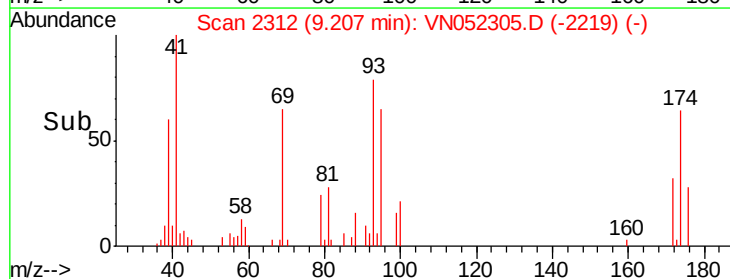
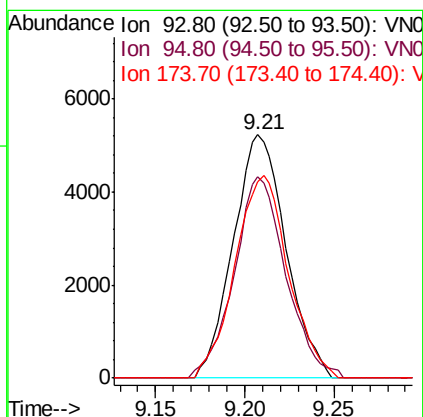
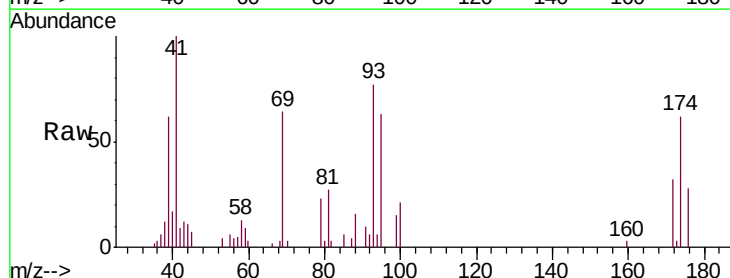
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

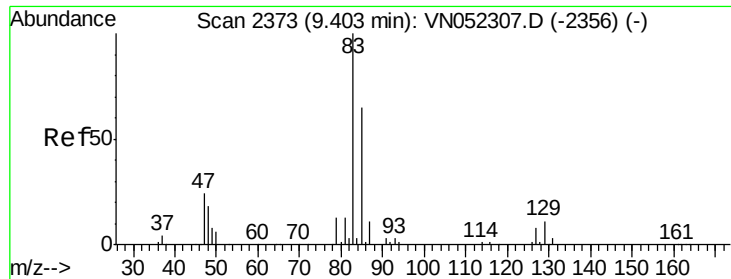
Tgt Ion: 63 Resp: 18544
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 5.298 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 93 Resp: 10802
 Ion Ratio Lower Upper
 93 100
 95 81.1 64.2 96.2
 174 84.5 70.9 106.3





#47

Bromodichloromethane

Concen: 4.907 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

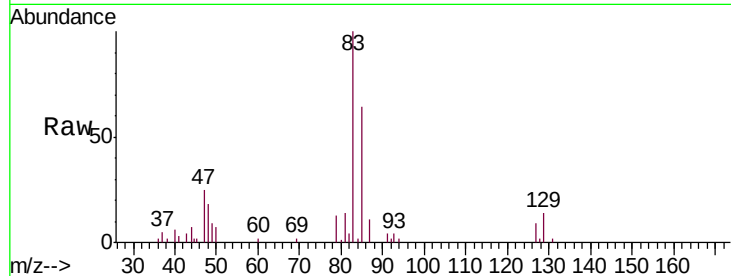
Tgt Ion: 83 Resp: 20530

Ion Ratio Lower Upper

83 100

85 64.4 52.2 78.4

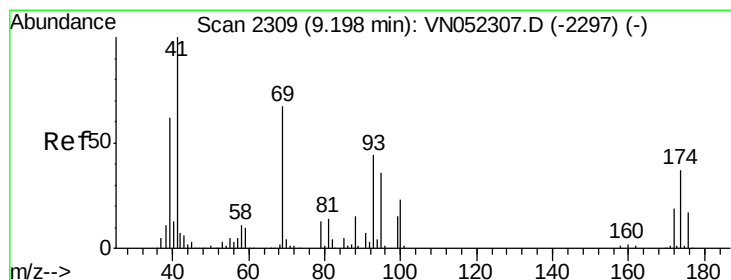
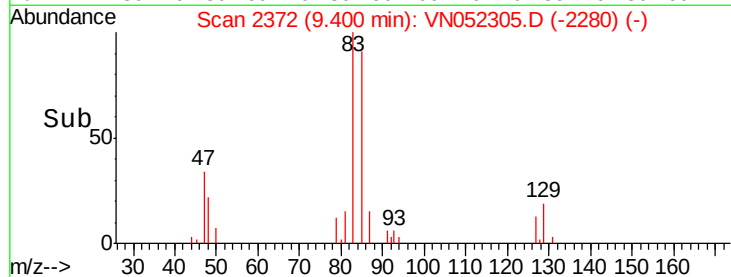
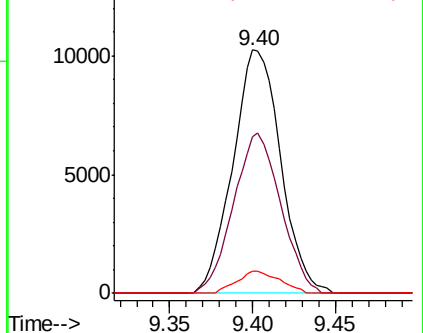
127 9.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN052307.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052307.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052307.D (-2356) (-)



#48

Methyl methacrylate

Concen: 4.557 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

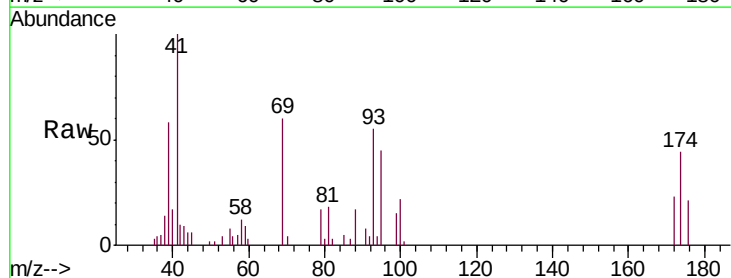
Tgt Ion: 41 Resp: 14068

Ion Ratio Lower Upper

41 100

69 70.9 57.1 85.7

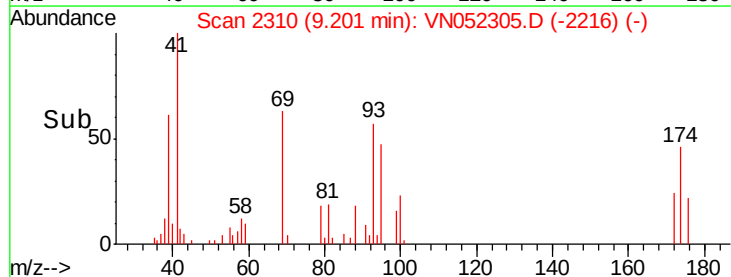
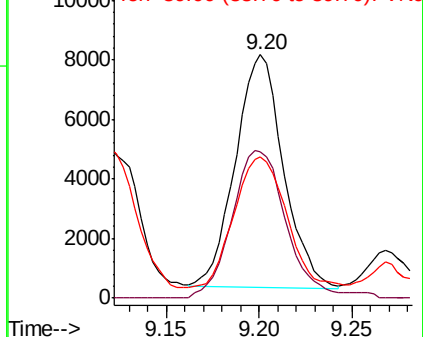
39 61.7 52.5 78.7

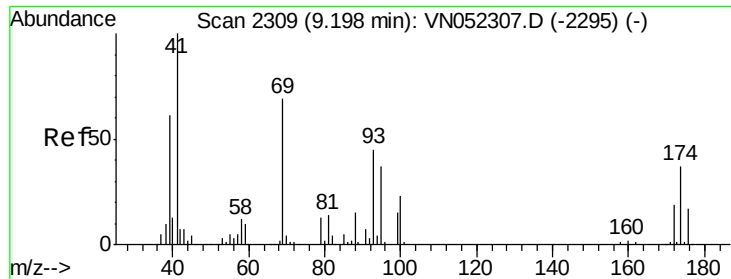


Abundance Ion 41.00 (40.70 to 41.70): VN052307.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN052307.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN052307.D (-2297) (-)





#49

1,4-Dioxane

Concen: 107.401 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

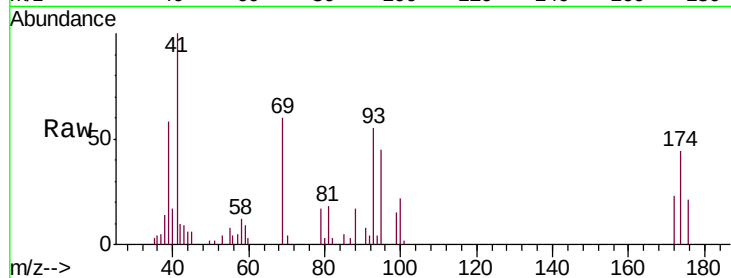
Tgt Ion: 88 Resp: 2545

Ion Ratio Lower Upper

88 100

43 36.1 33.3 49.9

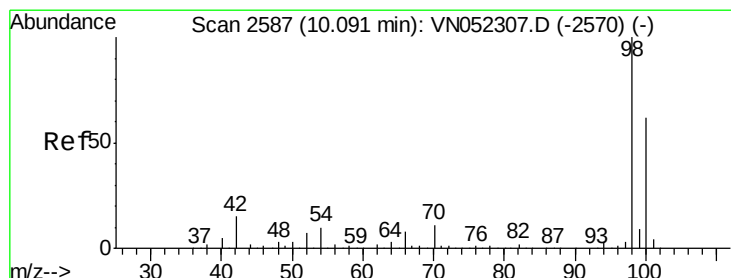
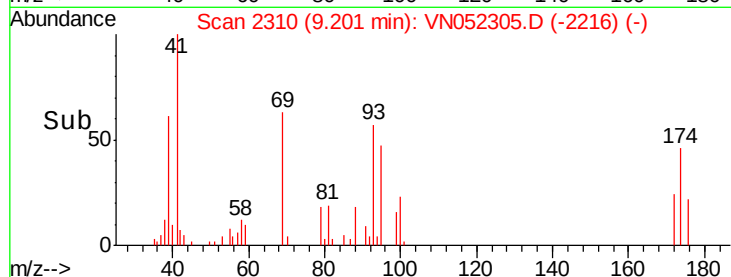
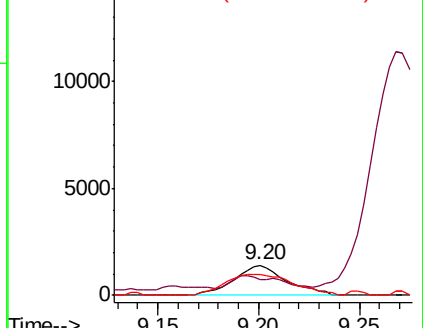
58 91.4 59.2 88.8#



Abundance Ion 88.00 (87.70 to 88.70): VN052307.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN052307.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2295) (-)



#50

Toluene-d8

Concen: 107.401 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052305.D

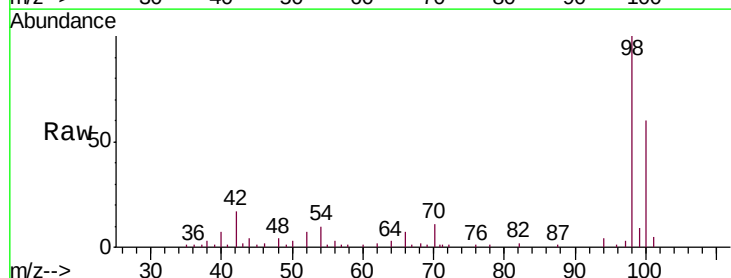
Acq: 14 Nov 2018 10:57

Tgt Ion: 98 Resp: 53807

Ion Ratio Lower Upper

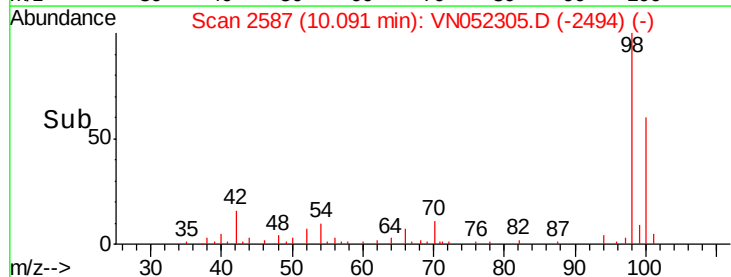
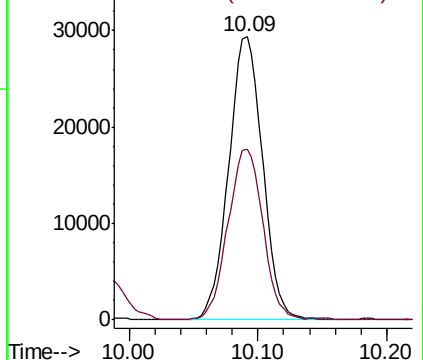
98 100

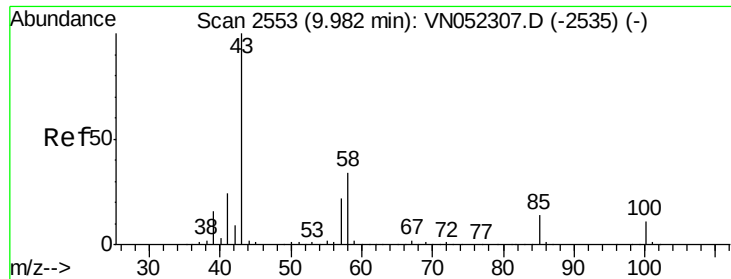
100 61.8 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 25.151 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

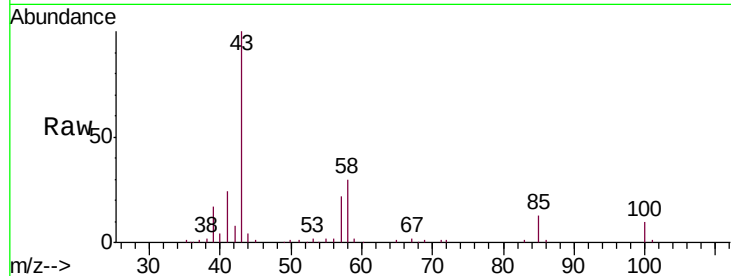
VSTDIC005

Tgt Ion: 43 Resp: 77019

Ion Ratio Lower Upper

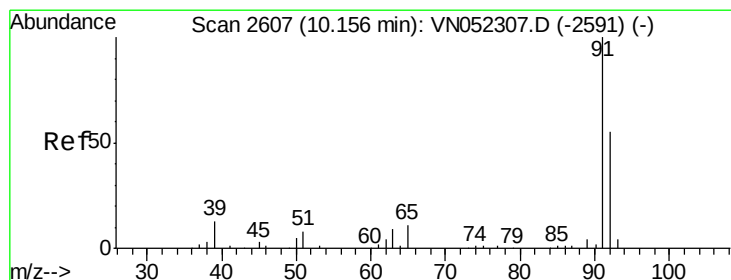
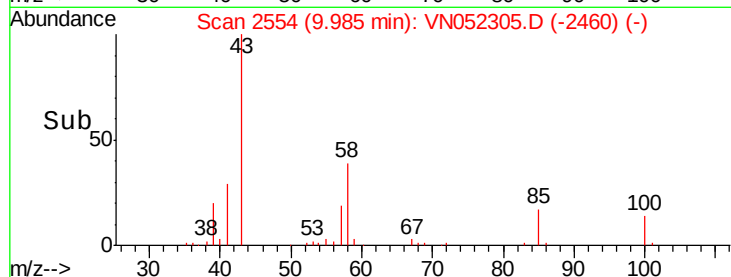
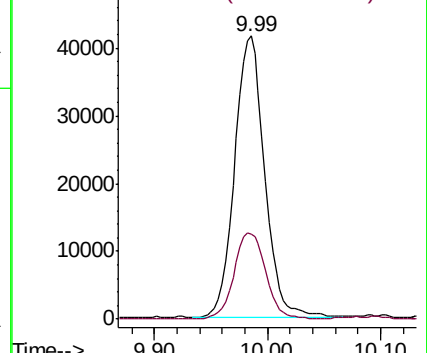
43 100

58 32.3 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 5.023 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052305.D

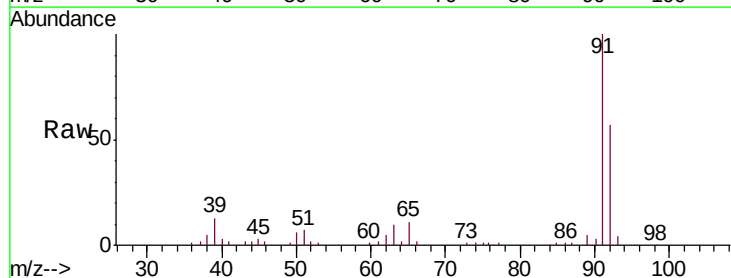
Acq: 14 Nov 2018 10:57

Tgt Ion: 92 Resp: 37290

Ion Ratio Lower Upper

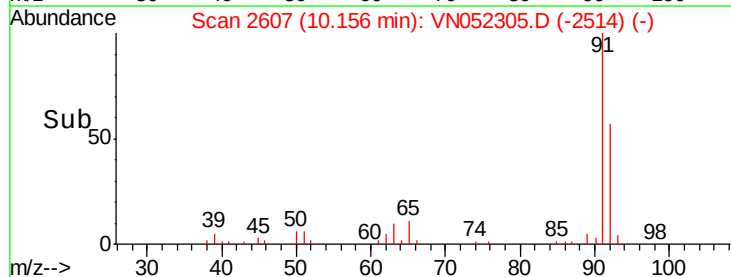
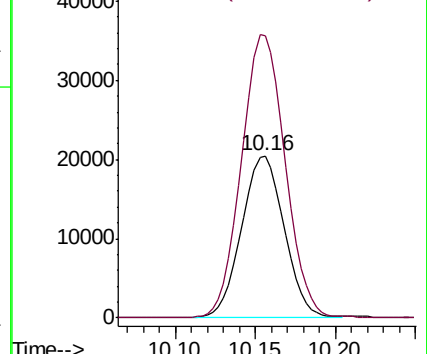
92 100

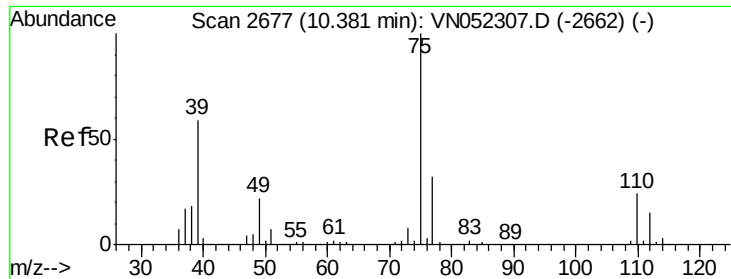
91 178.8 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 4.478 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

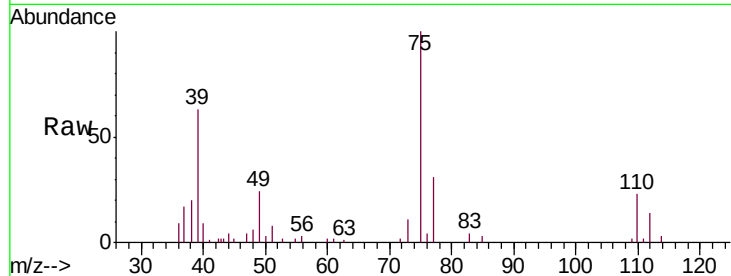
VSTDIC005

Tgt Ion: 75 Resp: 18897

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

12000

10000

8000

6000

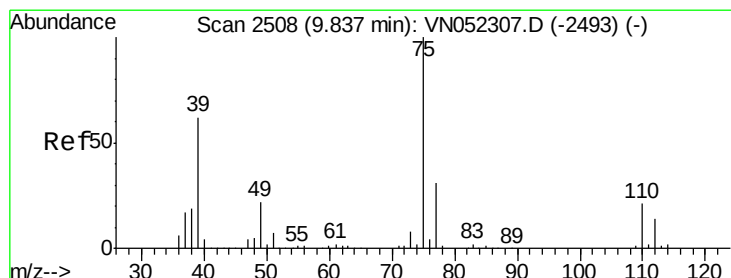
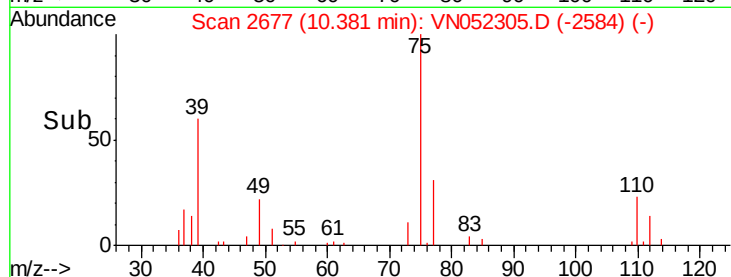
4000

2000

0

10.30 10.35 10.40 10.45

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.816 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

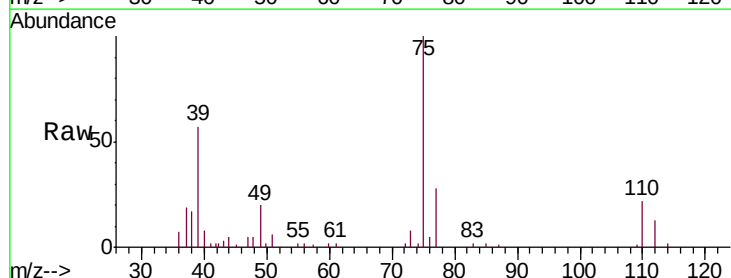
Tgt Ion: 75 Resp: 23164

Ion Ratio Lower Upper

75 100

77 28.0 24.6 36.8

39 55.7 49.9 74.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

15000

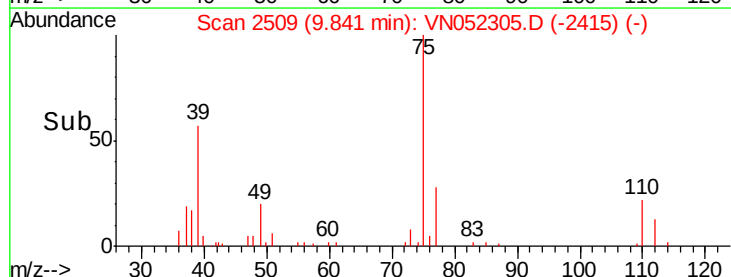
10000

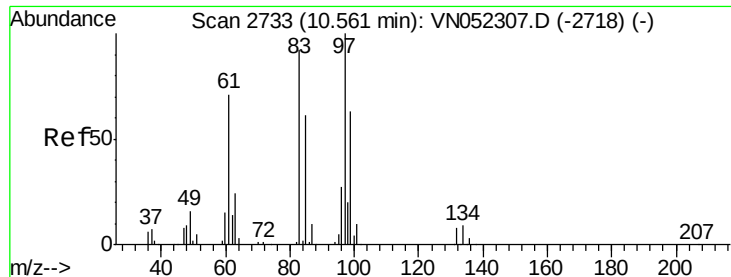
5000

0

9.80 9.85 9.90

Time-->





#55

1,1,2-Trichloroethane

Concen: 5.161 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 97 Resp: 13889

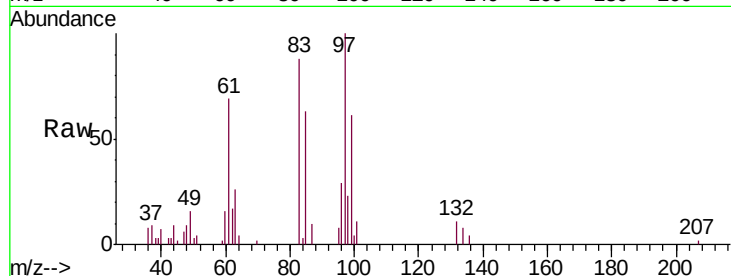
Ion Ratio Lower Upper

97 100

83 88.3 73.8 110.6

85 63.3 49.0 73.4

99 61.2 50.5 75.7

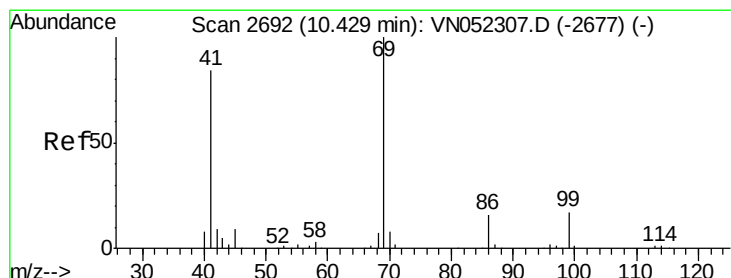
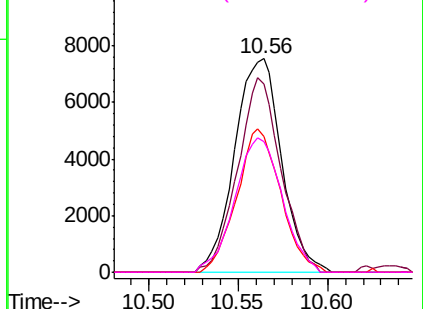
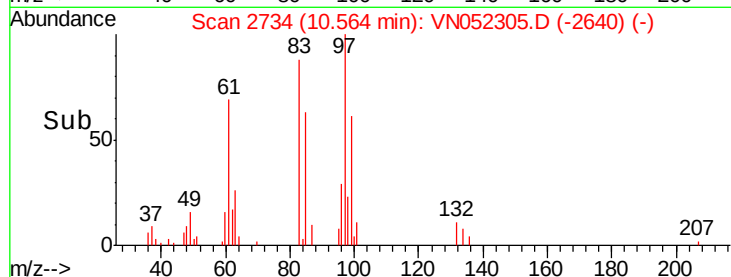


Abundance Ion 96.90 (96.60 to 97.60): VN052307.D (-2718) (-)

Ion 82.90 (82.60 to 83.60): VN052307.D (-2718) (-)

Ion 84.90 (84.60 to 85.60): VN052307.D (-2718) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-2718) (-)



#56

Ethyl methacrylate

Concen: 4.669 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

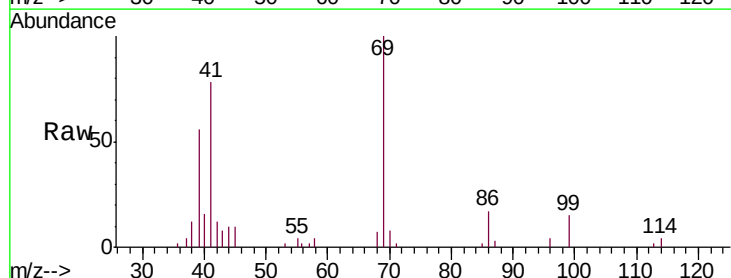
Tgt Ion: 69 Resp: 16526

Ion Ratio Lower Upper

69 100

41 83.8 64.8 97.2

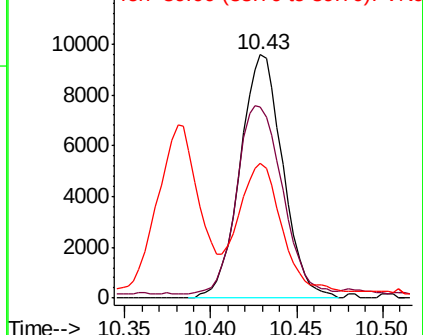
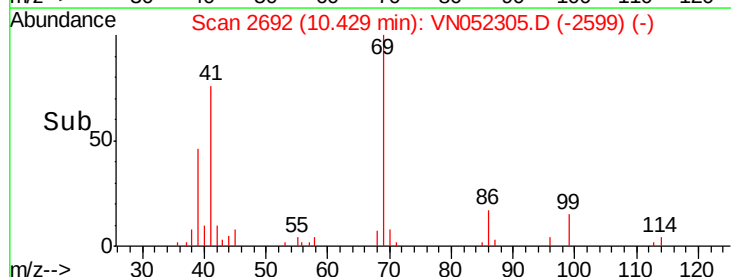
39 53.5 41.0 61.6

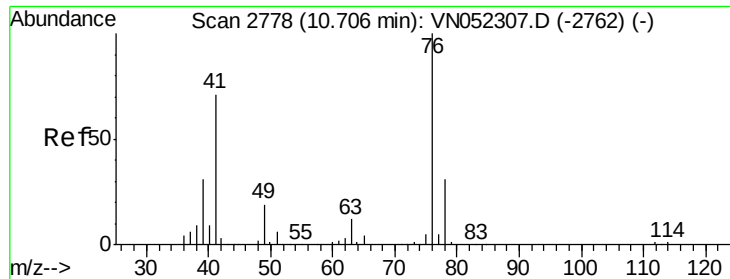


Abundance Ion 69.00 (68.70 to 69.70): VN052307.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN052307.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN052307.D (-2677) (-)

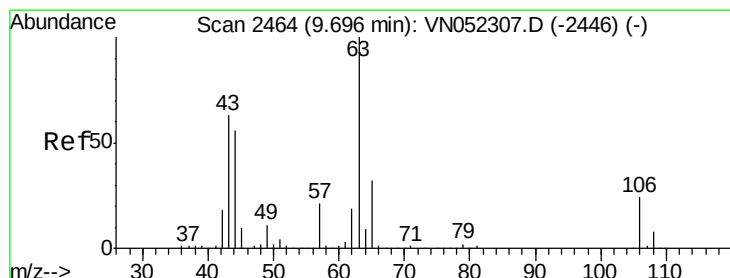
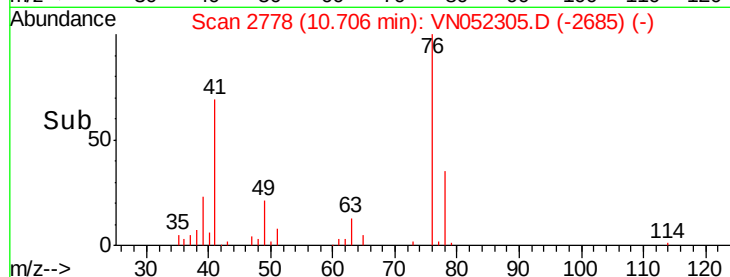
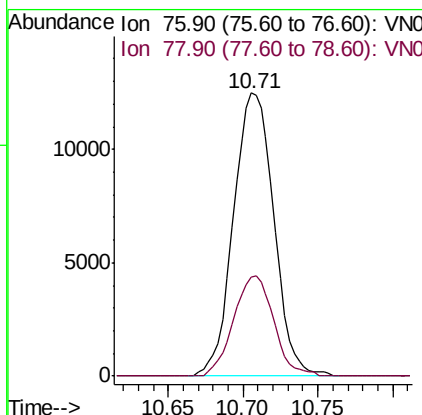
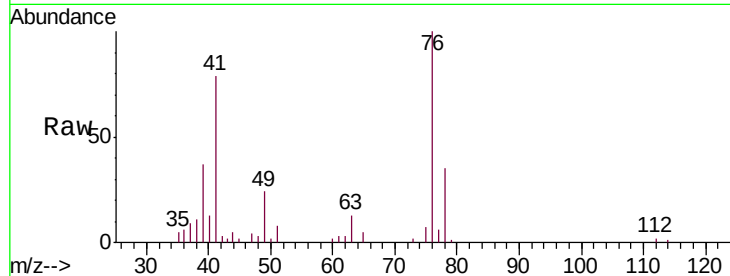




#57
 1,3-Dichloropropane
 Concen: 4.917 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

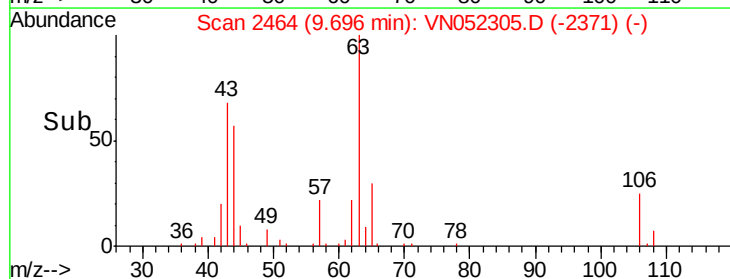
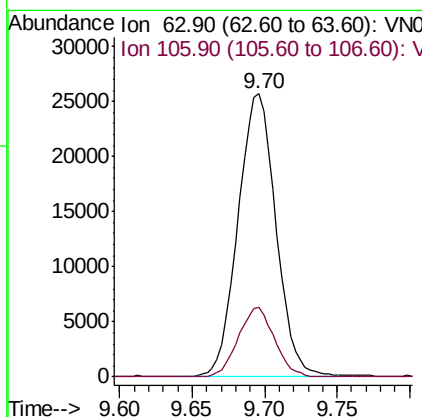
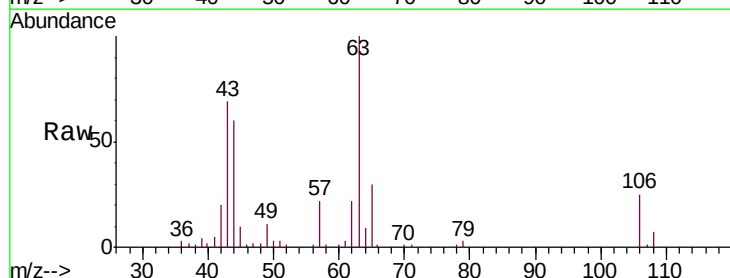
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

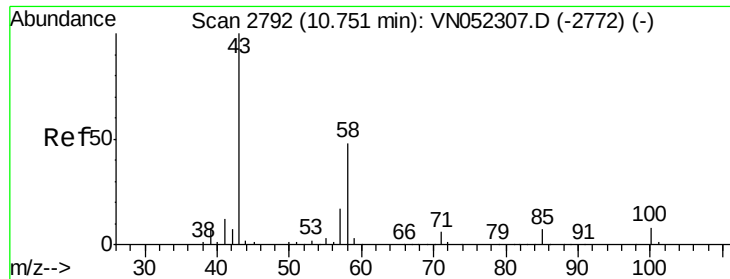
Tgt Ion: 76 Resp: 23437
 Ion Ratio Lower Upper
 76 100
 78 35.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.244 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 63 Resp: 46836
 Ion Ratio Lower Upper
 63 100
 106 23.4 19.3 28.9

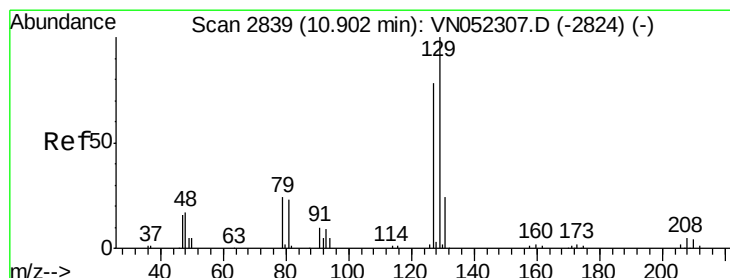
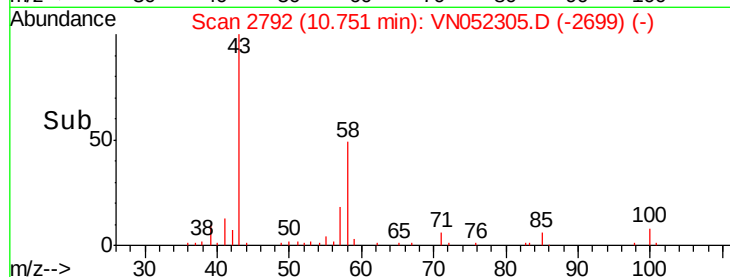
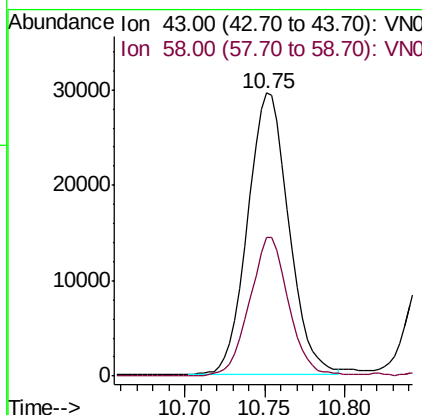
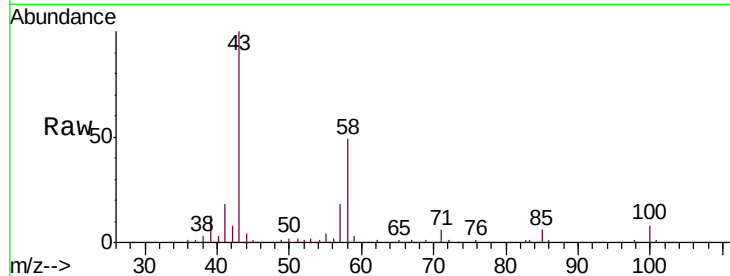




#59
2-Hexanone
Concen: 24.722 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

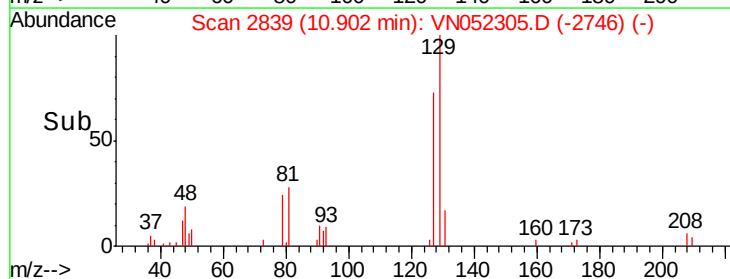
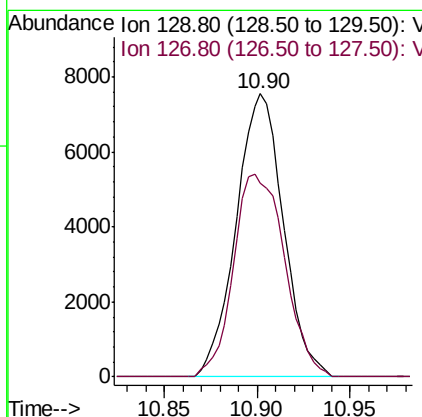
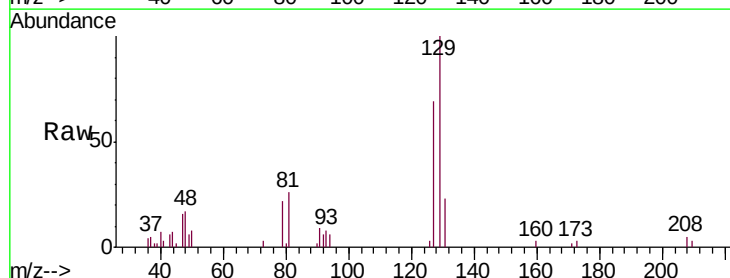
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

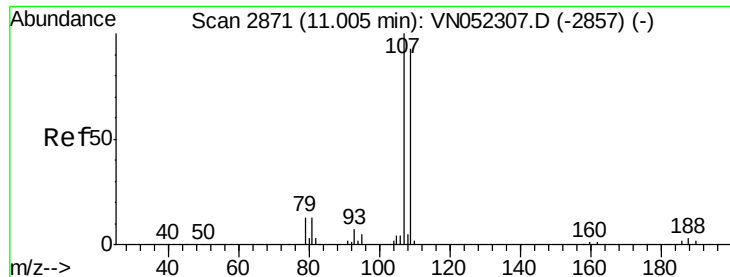
Tgt Ion: 43 Resp: 52071
Ion Ratio Lower Upper
43 100
58 47.2 23.5 70.6



#60
Dibromochloromethane
Concen: 4.588 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 129 Resp: 13358
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

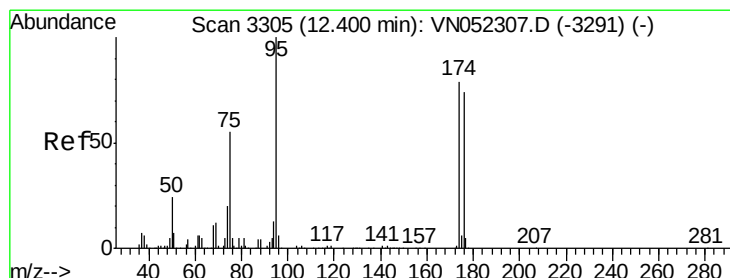
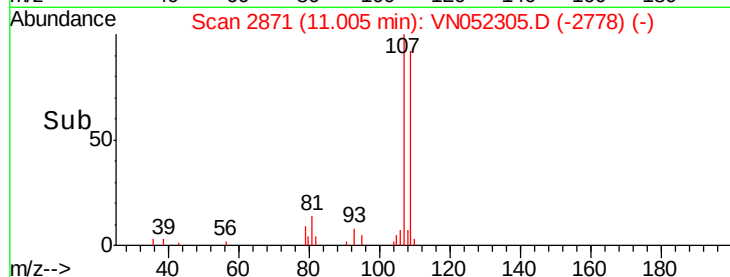
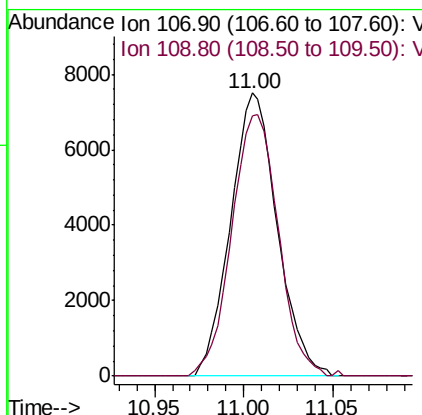
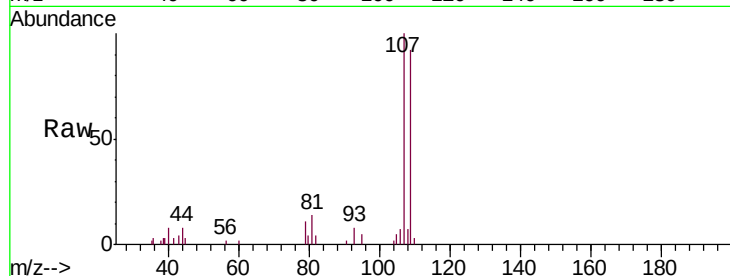




#61
 1,2-Dibromoethane
 Concen: 5.113 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

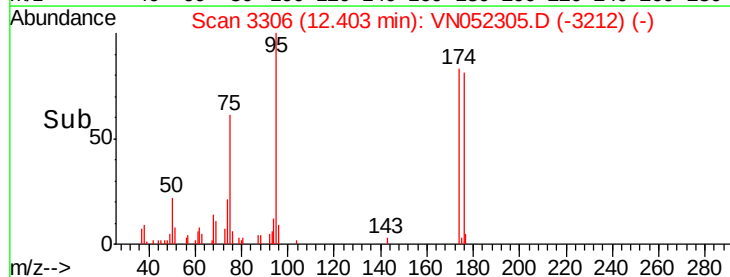
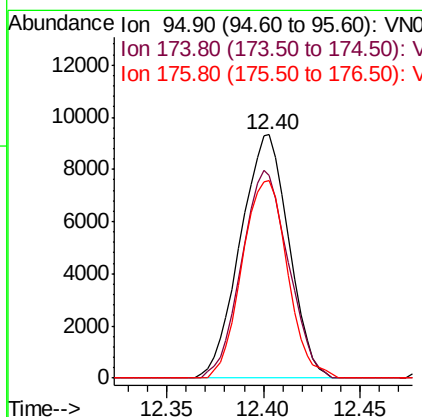
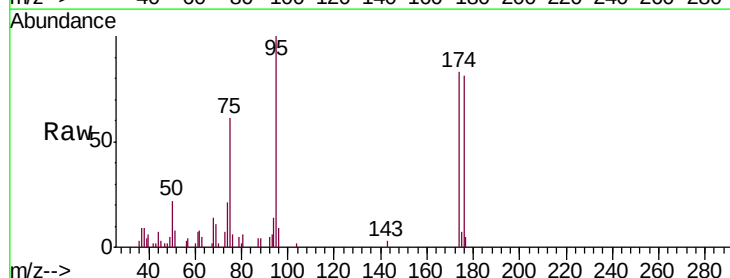
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

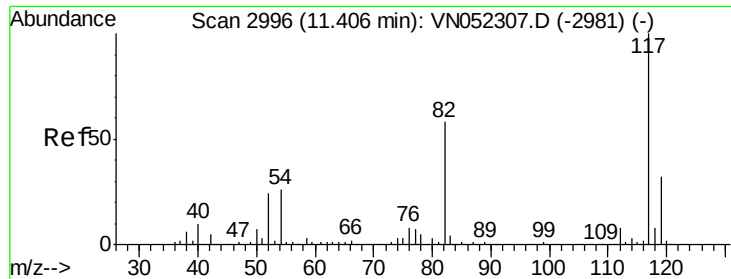
Tgt Ion: 107 Resp: 13706
 Ion Ratio Lower Upper
 107 100
 109 92.5 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 5.113 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 95 Resp: 16247
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 156.0
 176 76.1 0.0 148.4

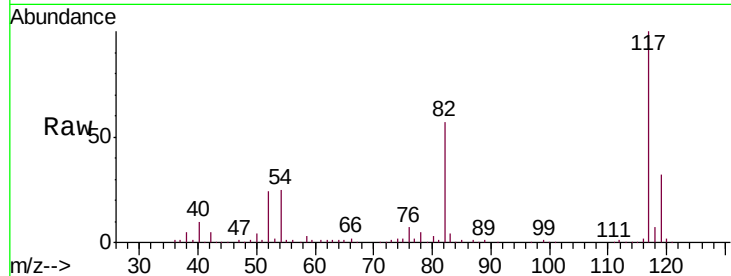




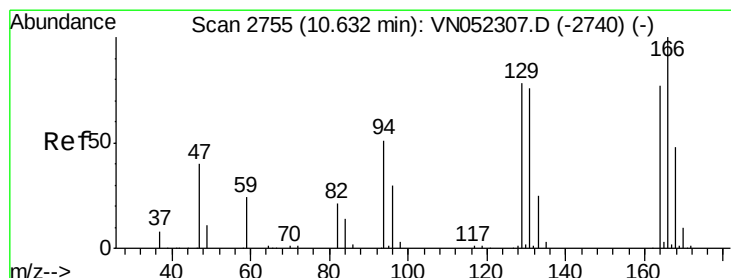
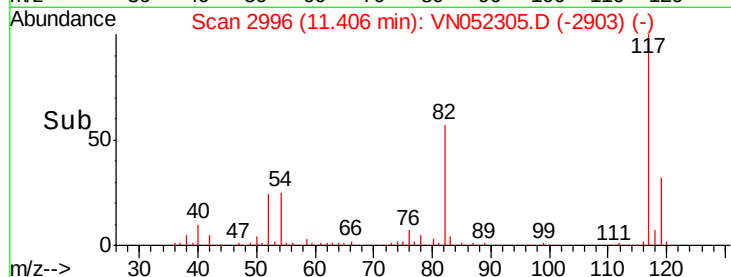
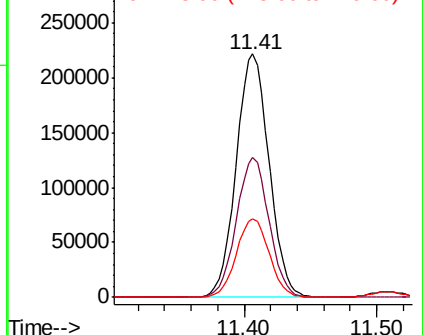
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 382692
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 32.3 25.7 38.5



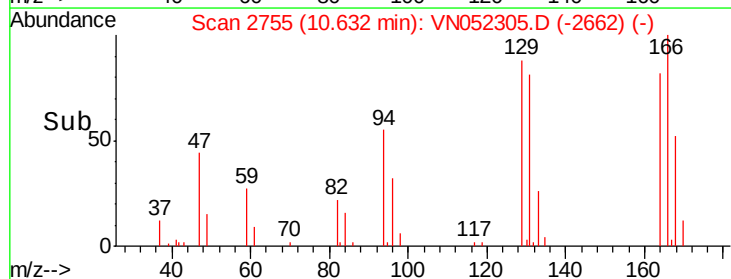
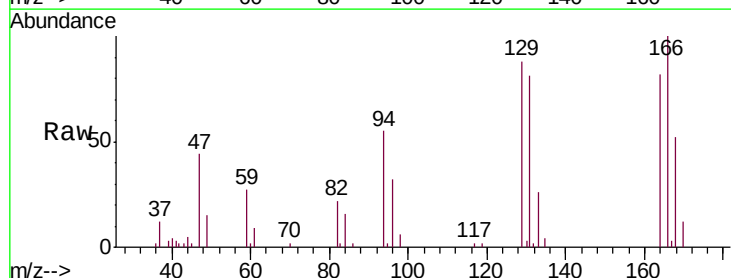
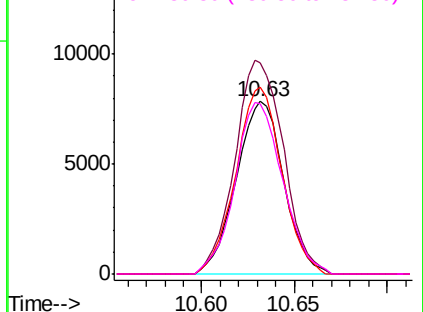
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

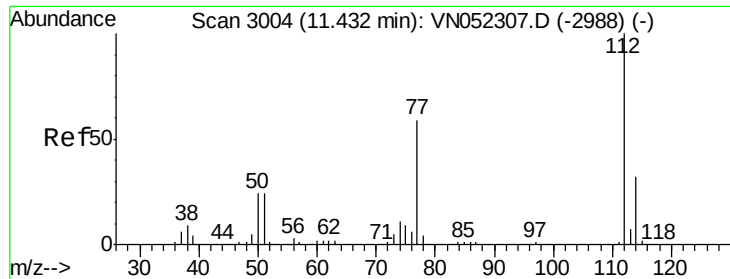


#64
Tetrachloroethene
Concen: 5.144 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion:164 Resp: 13996
Ion Ratio Lower Upper
164 100
166 122.5 103.8 155.6
129 108.3 80.7 121.1
131 98.9 78.5 117.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

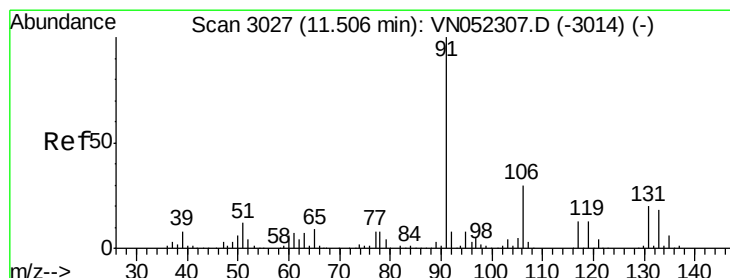
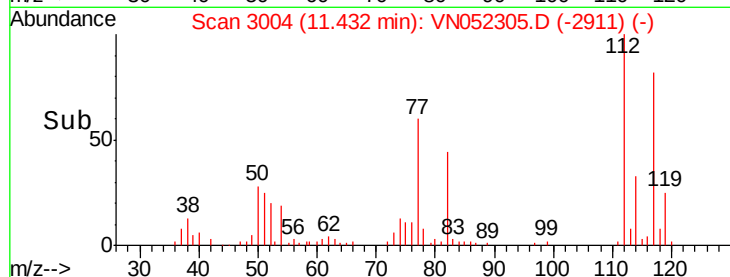
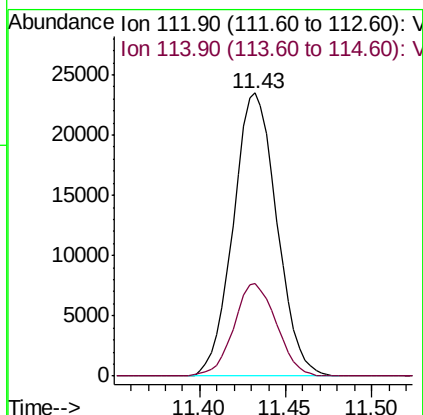
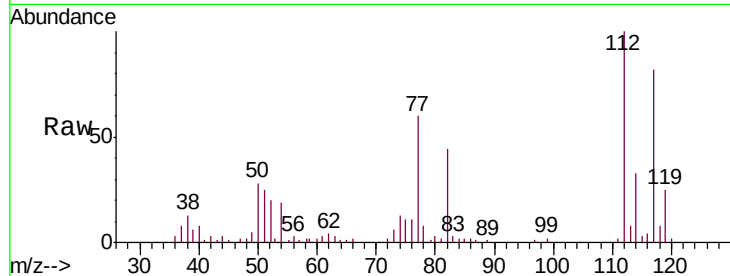




#65
Chlorobenzene
Concen: 5.107 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

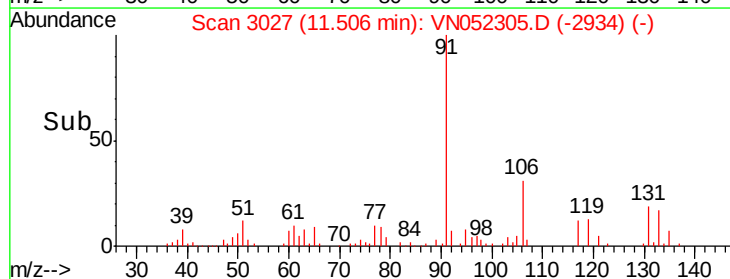
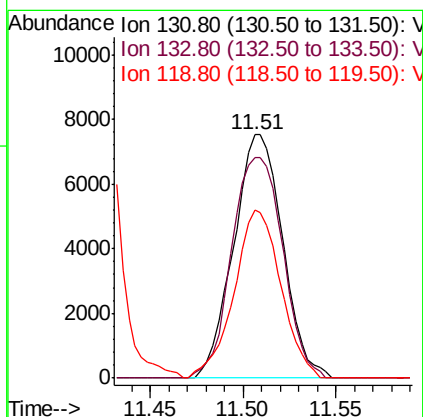
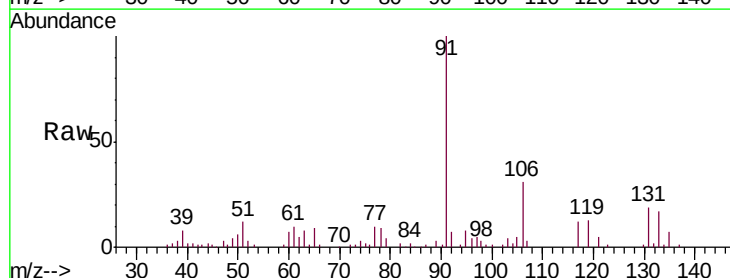
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

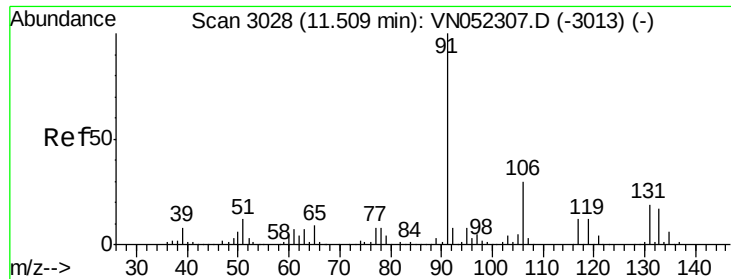
Tgt Ion:112 Resp: 41311
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.029 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion:131 Resp: 13873
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 65.7 33.3 99.9

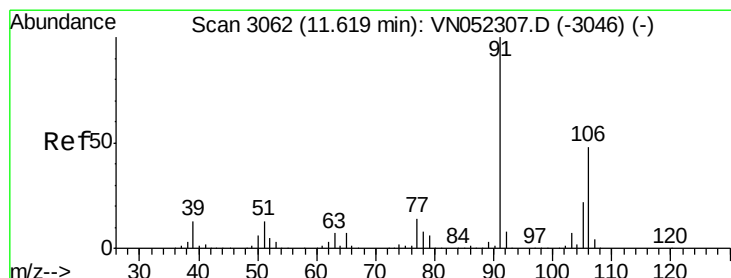
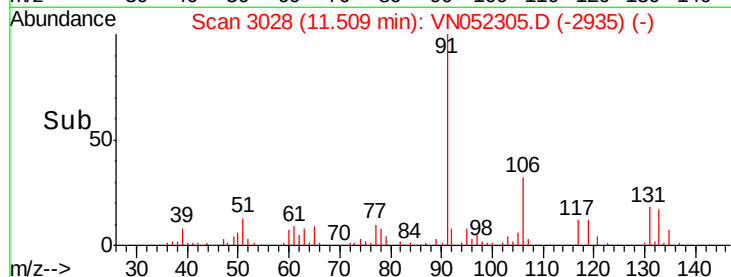
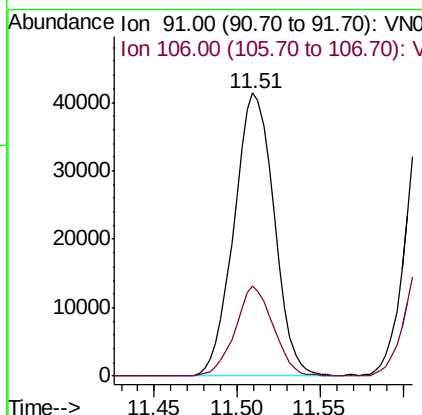
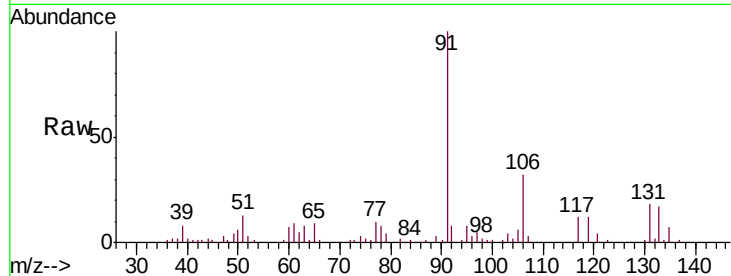




#67
Ethyl Benzene
Concen: 4.960 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

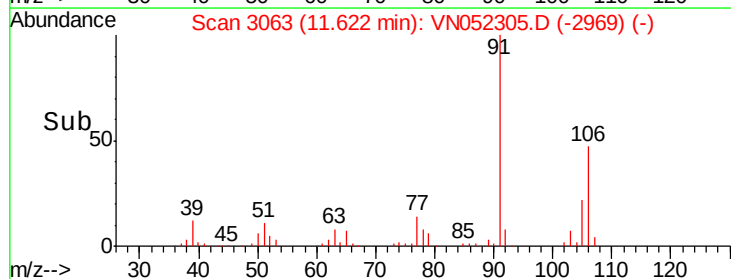
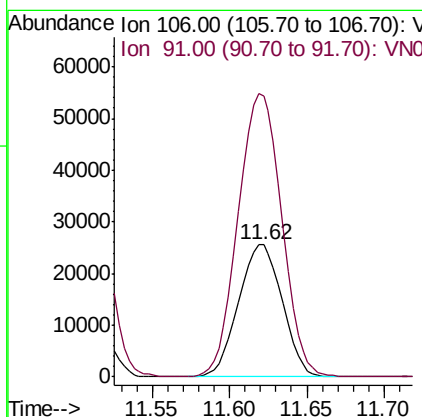
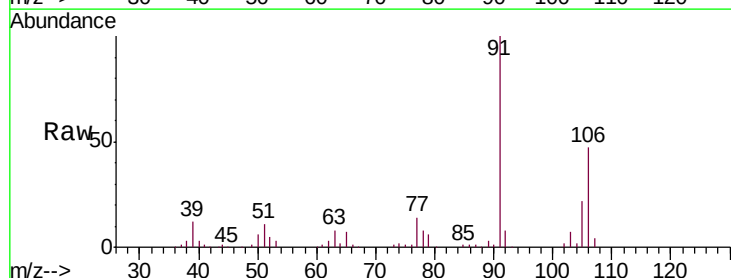
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

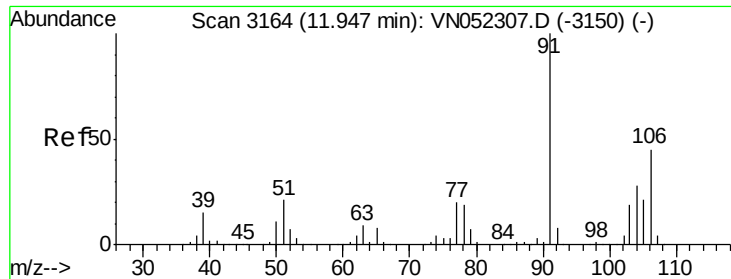
Tgt Ion: 91 Resp: 69642
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.2



#68
m/p-Xylenes
Concen: 9.774 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 106 Resp: 50137
Ion Ratio Lower Upper
106 100
91 214.9 165.5 248.3

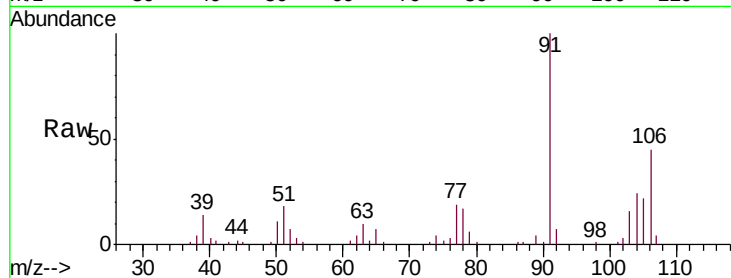




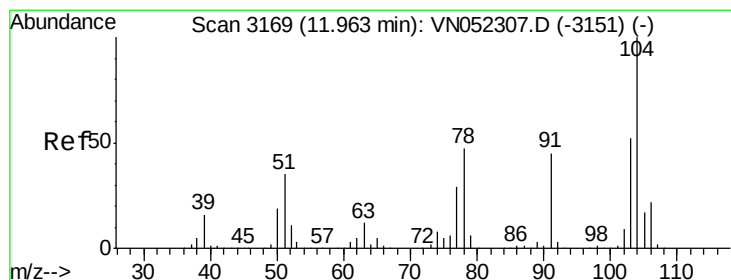
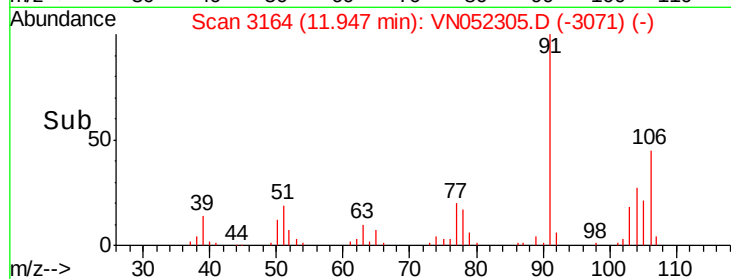
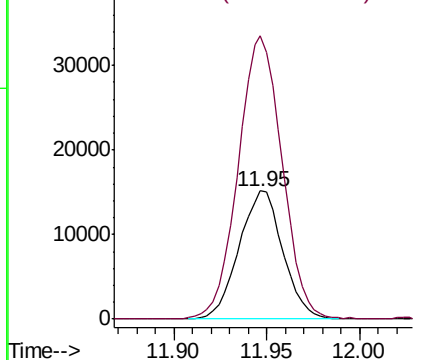
#69
o-Xylene
Concen: 5.046 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 24812
Ion Ratio Lower Upper
106 100
91 221.1 110.0 330.0

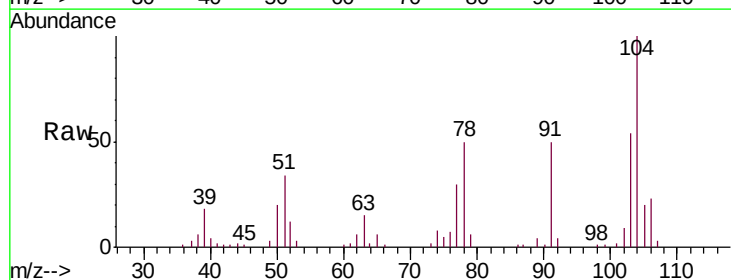


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

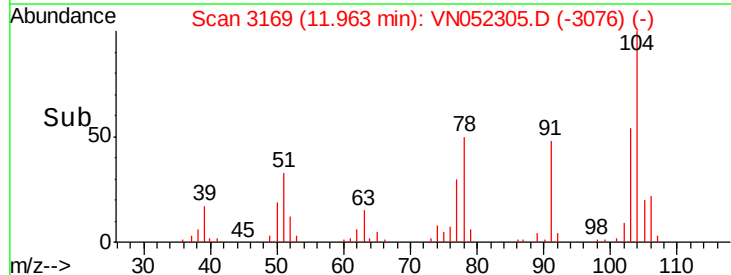
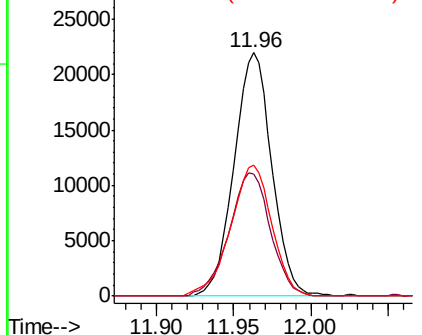


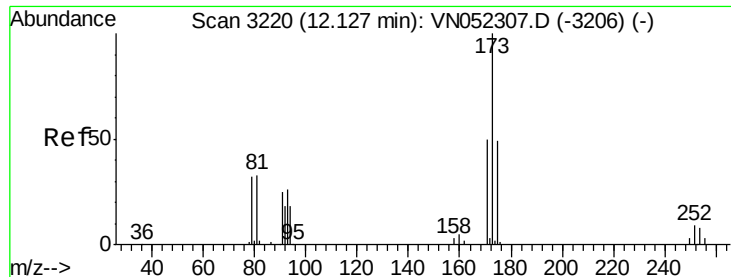
#70
Styrene
Concen: 4.724 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion:104 Resp: 37194
Ion Ratio Lower Upper
104 100
78 55.4 42.7 64.1
103 58.9 45.4 68.0



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





#71

Bromoform

Concen: 4.662 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

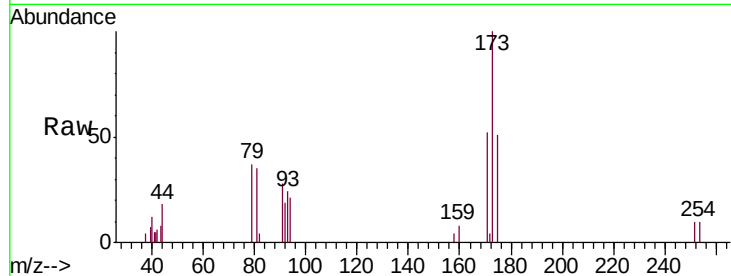
Tgt Ion:173 Resp: 7593

Ion Ratio Lower Upper

173 100

175 44.7 25.0 75.0

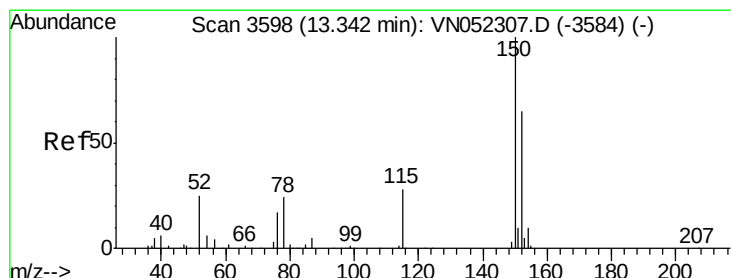
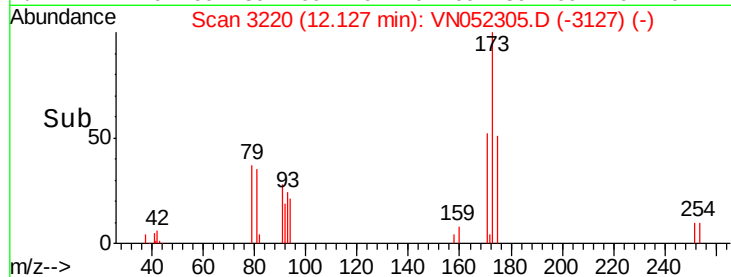
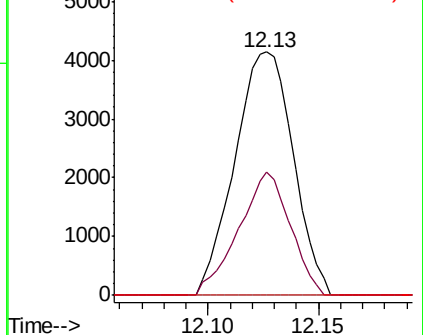
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

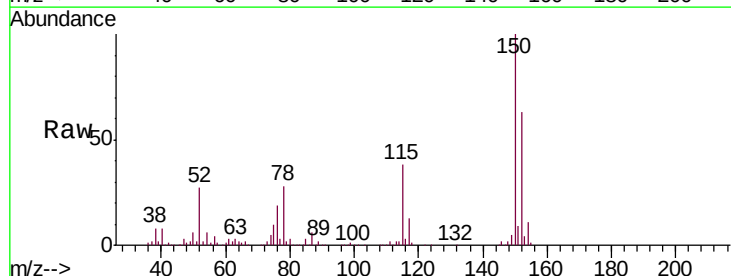
Tgt Ion:152 Resp: 153740

Ion Ratio Lower Upper

152 100

115 62.0 30.3 91.0

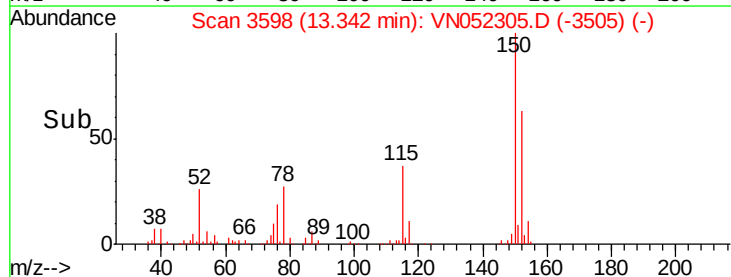
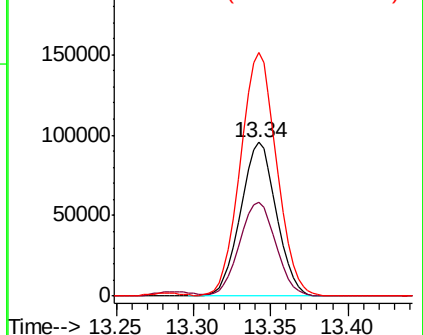
150 160.6 0.0 348.2

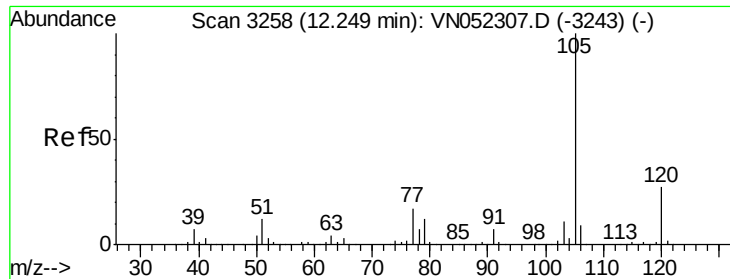


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.309 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

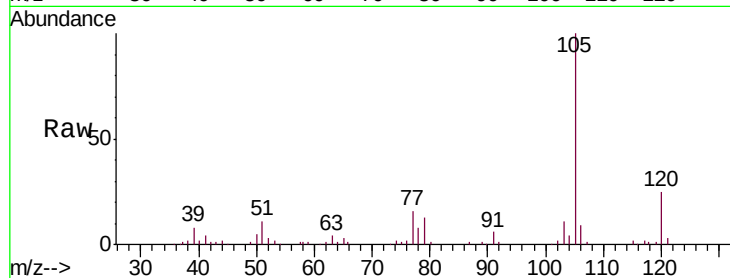
VSTDIC005

Tgt Ion:105 Resp: 65620

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

40000

30000

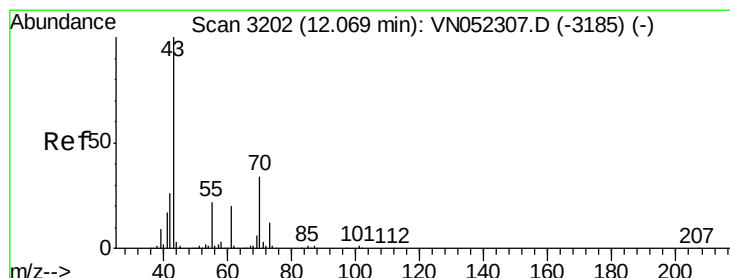
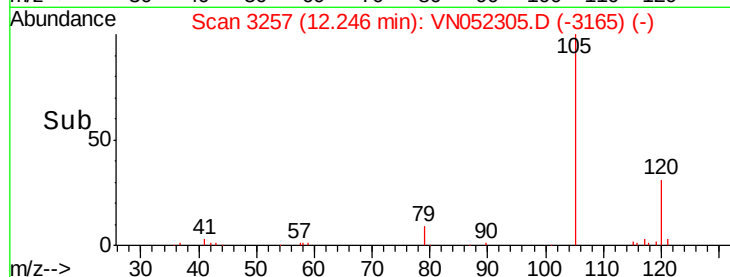
20000

10000

0

Time-->

12.20 12.25 12.30



#74

N-amyl acetate

Concen: 5.064 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Tgt Ion: 43 Resp: 22294

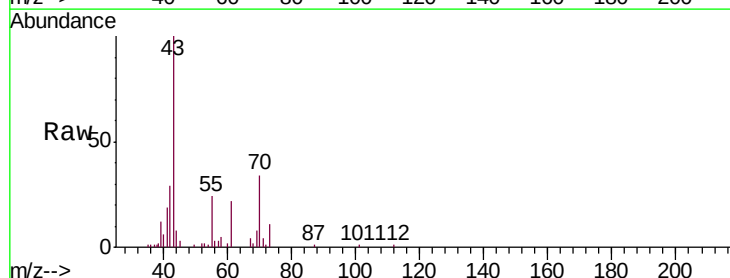
Ion Ratio Lower Upper

43 100

70 33.6 27.1 40.7

55 23.5 17.4 26.0

61 21.1 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

20000

15000

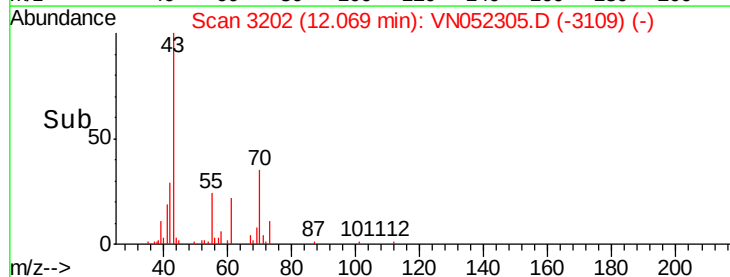
10000

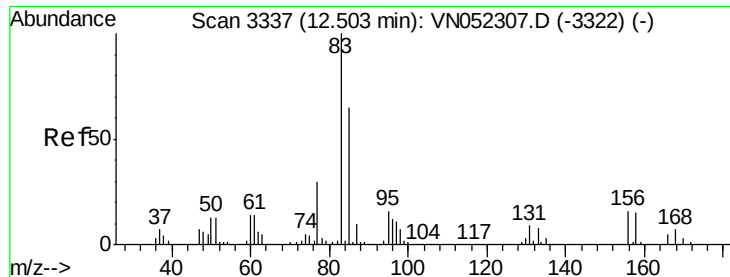
5000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 5.866 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

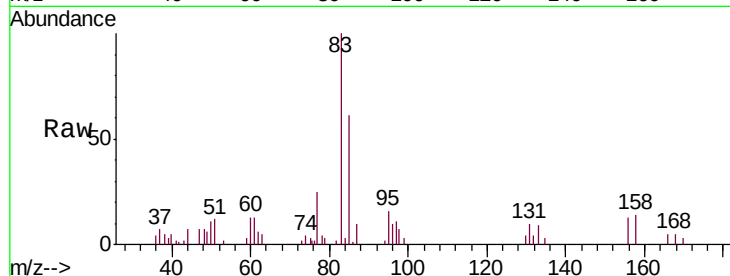
Tgt Ion: 83 Resp: 17529

Ion Ratio Lower Upper

83 100

131 9.0 4.7 14.1

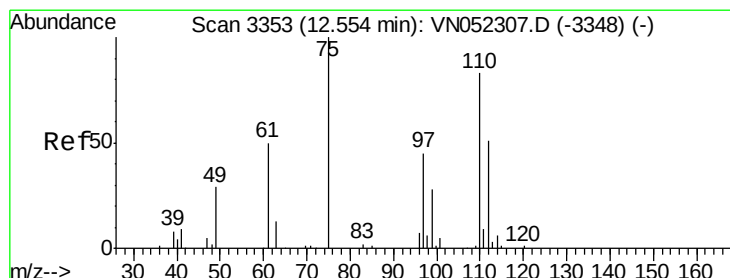
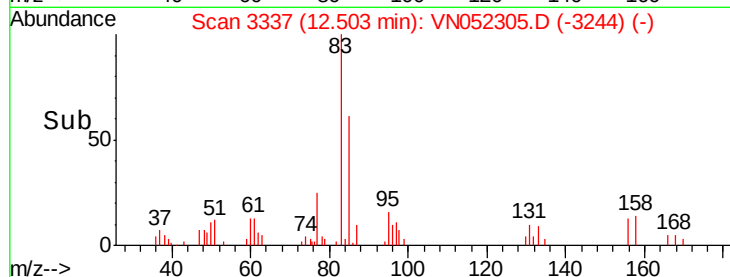
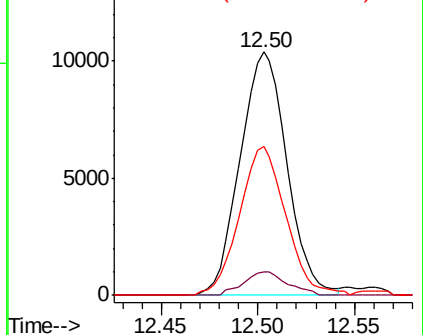
85 60.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 8.398 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052305.D

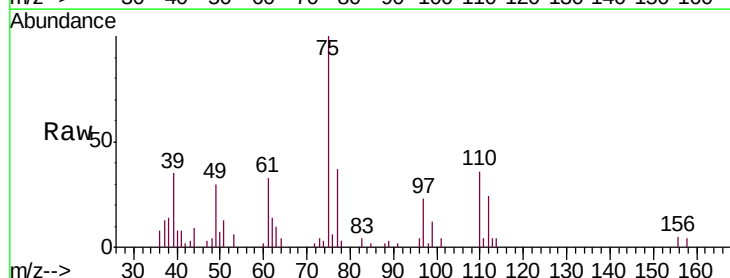
Acq: 14 Nov 2018 10:57

Tgt Ion: 75 Resp: 20299

Ion Ratio Lower Upper

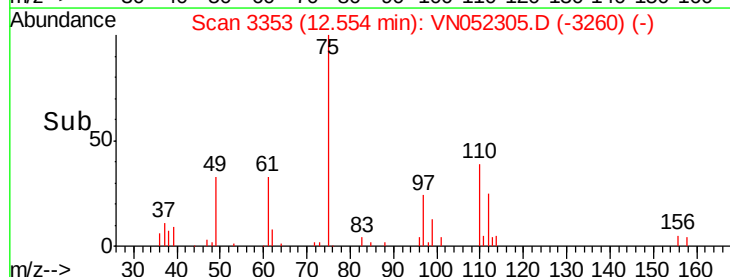
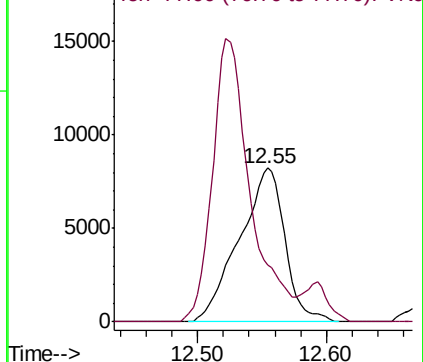
75 100

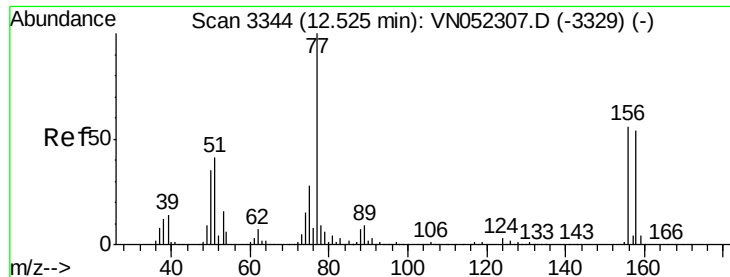
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

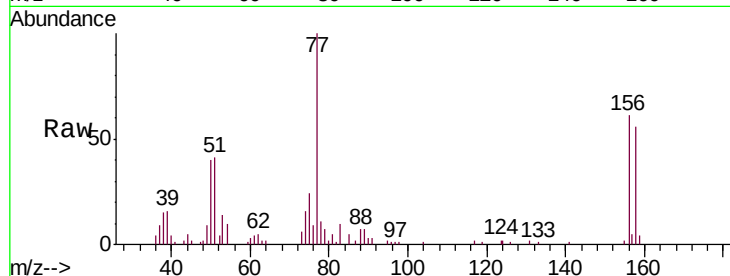




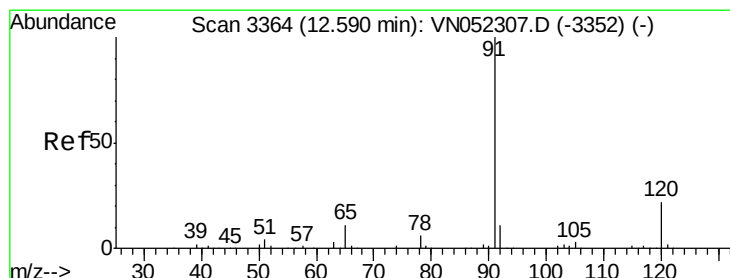
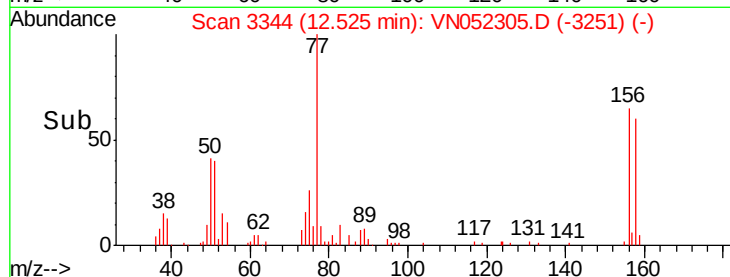
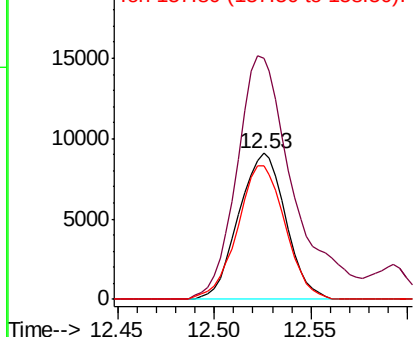
#77
Bromobenzene
Concen: 5.362 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 15420
Ion Ratio Lower Upper
156 100
77 200.9 103.6 310.9
158 92.5 48.1 144.4

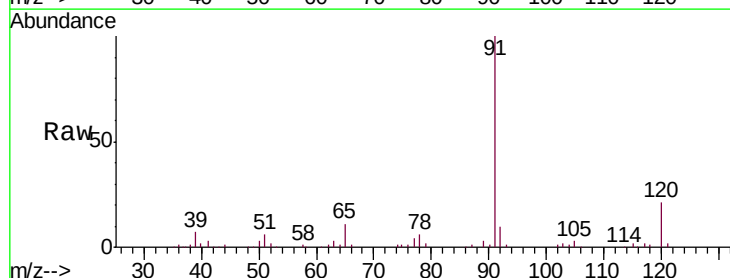


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

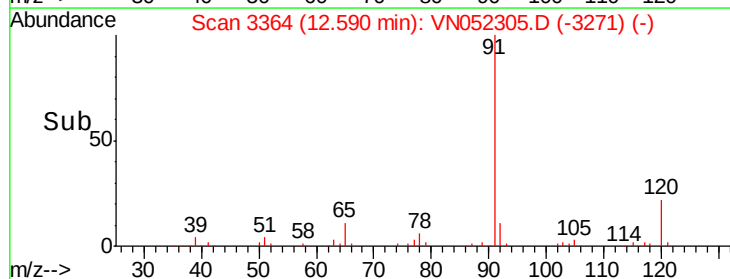
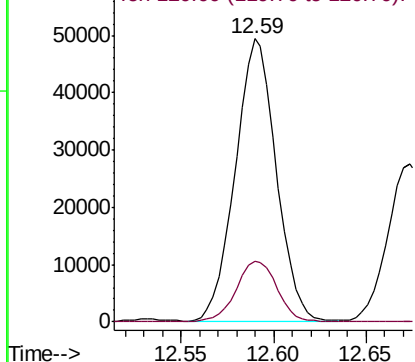


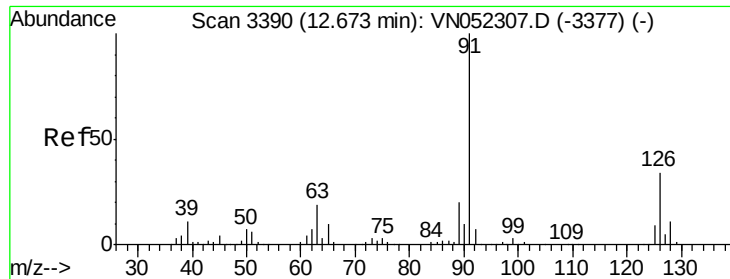
#78
n-propylbenzene
Concen: 5.203 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN052305.D
Acq: 14 Nov 2018 10:57

Tgt Ion: 91 Resp: 75213
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

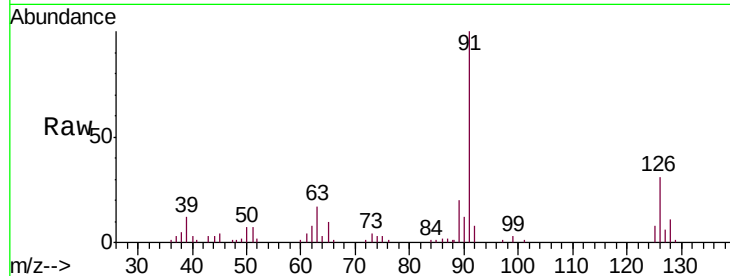




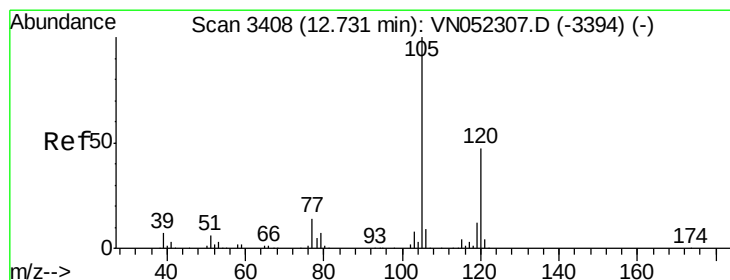
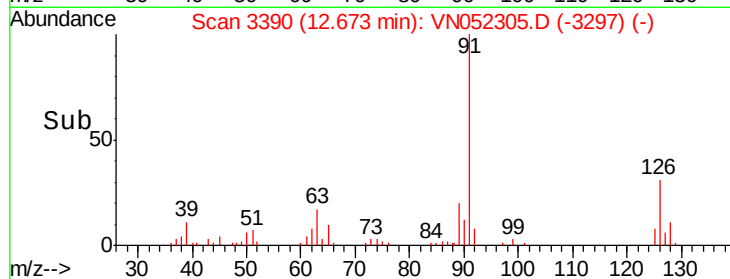
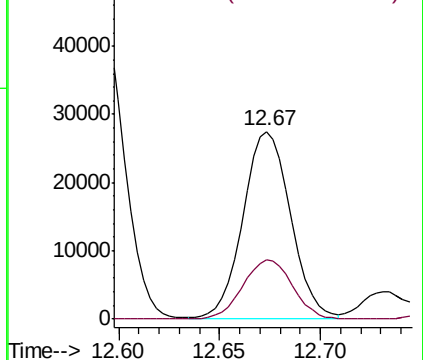
#79
 2-Chlorotoluene
 Concen: 5.366 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 45314
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0

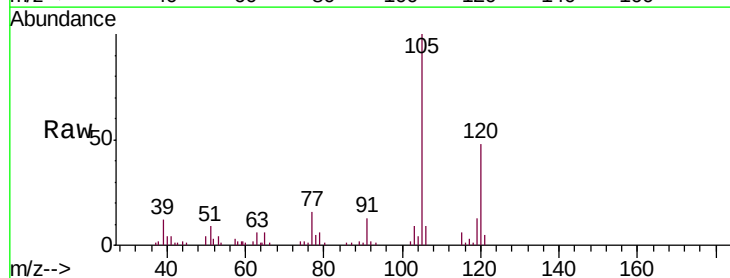


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

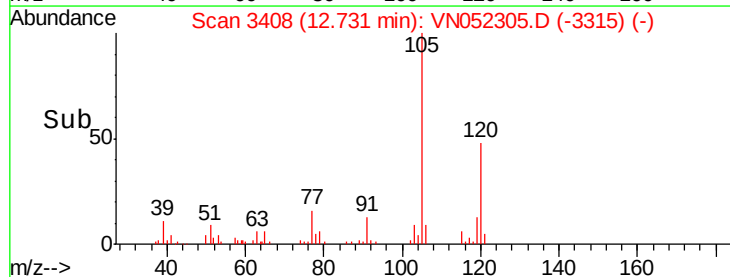
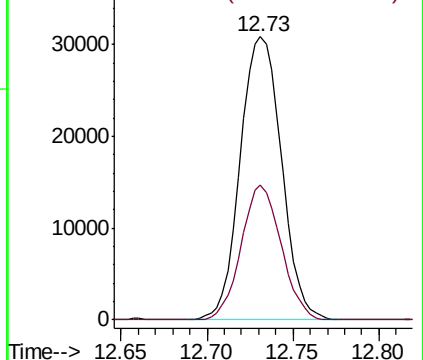


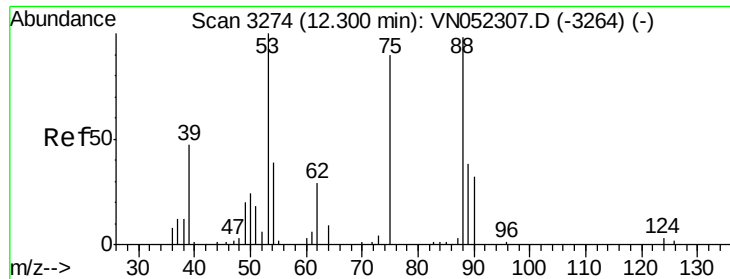
#80
 1,3,5-Trimethylbenzene
 Concen: 5.236 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 105 Resp: 51469
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.923 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

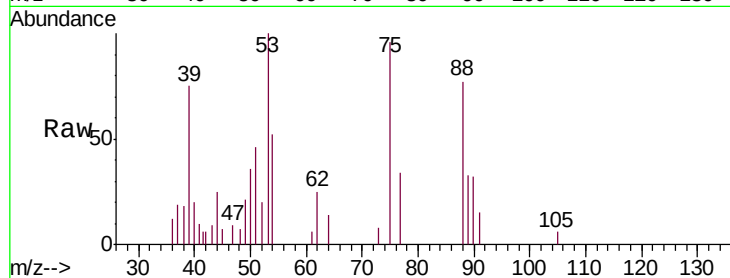
Tgt Ion: 75 Resp: 3960

Ion Ratio Lower Upper

75 100

53 121.8 90.2 135.2

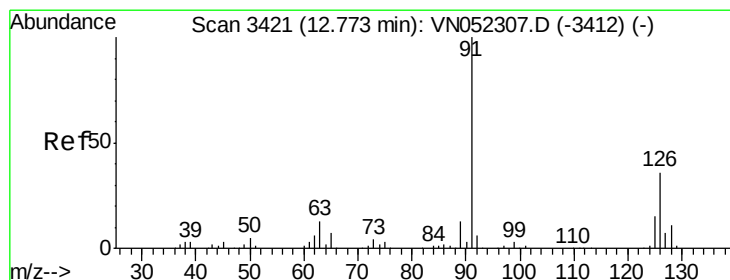
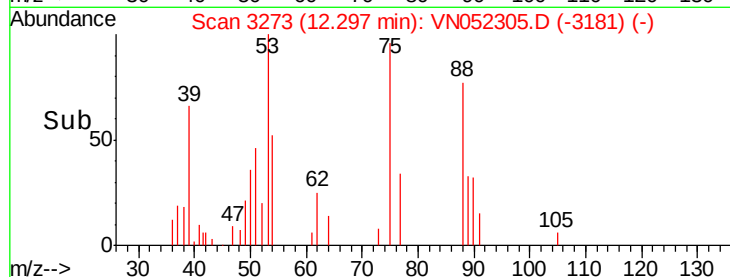
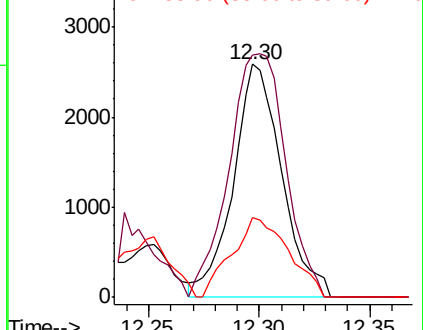
89 39.8 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.136 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052305.D

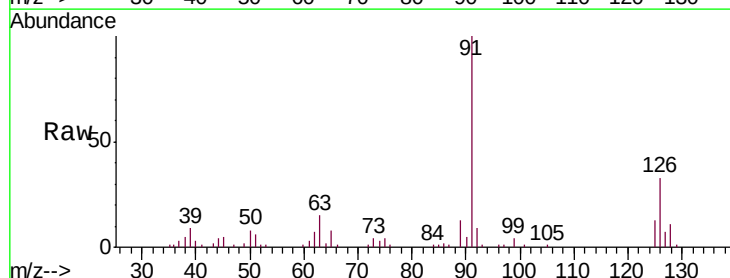
Acq: 14 Nov 2018 10:57

Tgt Ion: 91 Resp: 44433

Ion Ratio Lower Upper

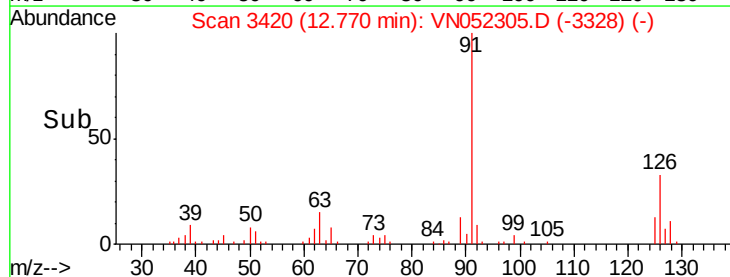
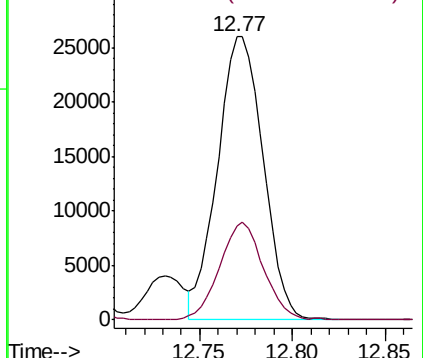
91 100

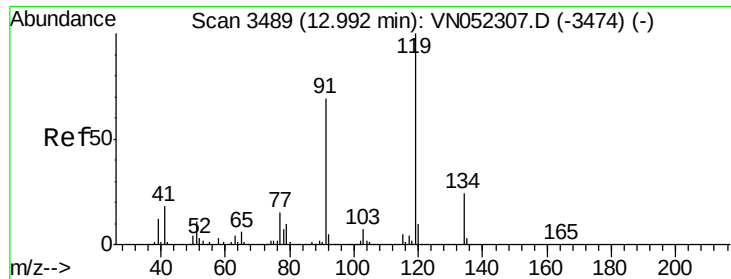
126 32.8 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

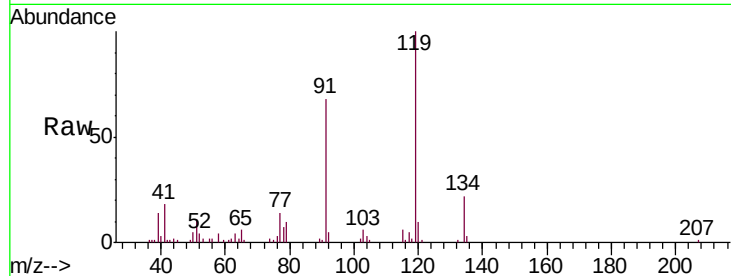




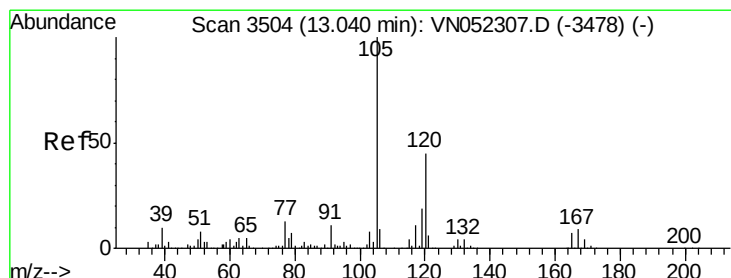
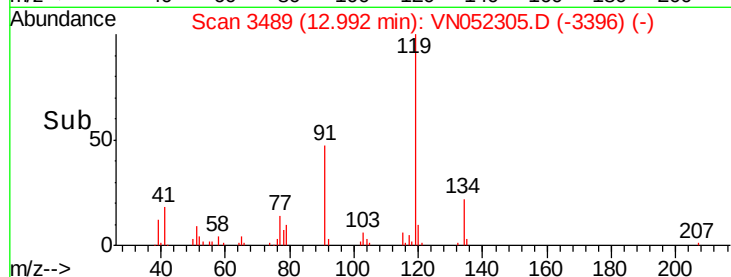
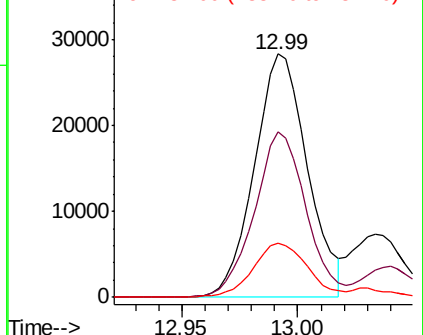
#83
 tert-Butylbenzene
 Concen: 5.196 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 45090
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.8 101.3
 134 23.0 11.9 35.9

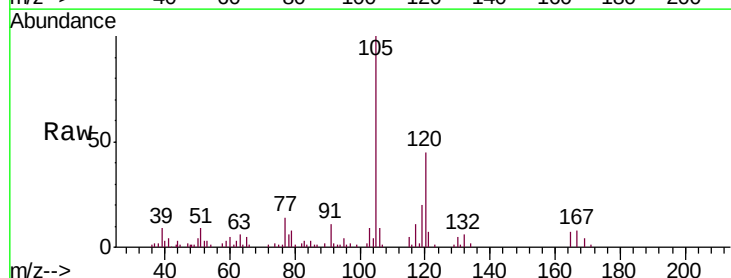


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

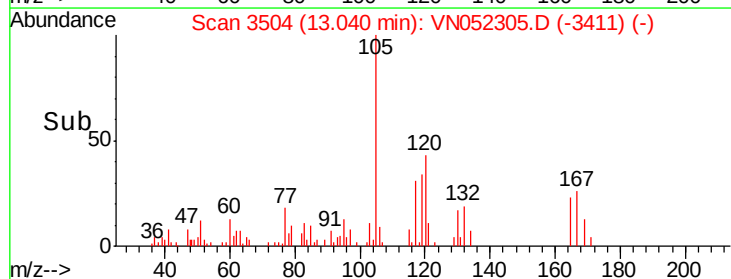
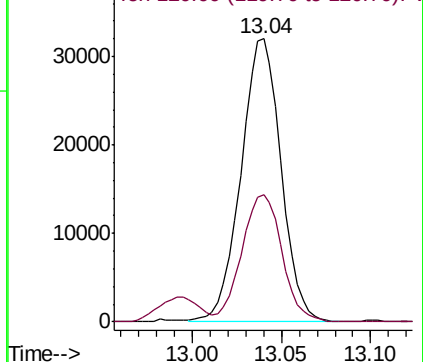


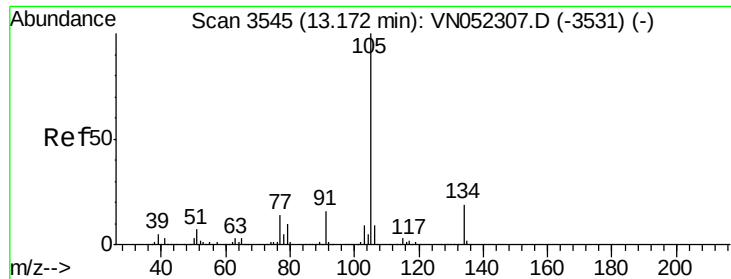
#84
 1,2,4-Trimethylbenzene
 Concen: 5.080 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion:105 Resp: 50131
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5



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





#85

sec-Butylbenzene

Concen: 5.153 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

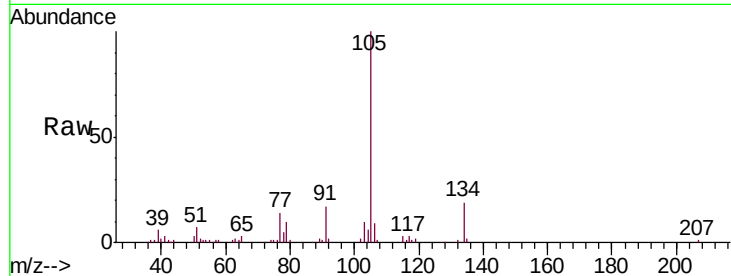
VSTDIC005

Tgt Ion:105 Resp: 60911

Ion Ratio Lower Upper

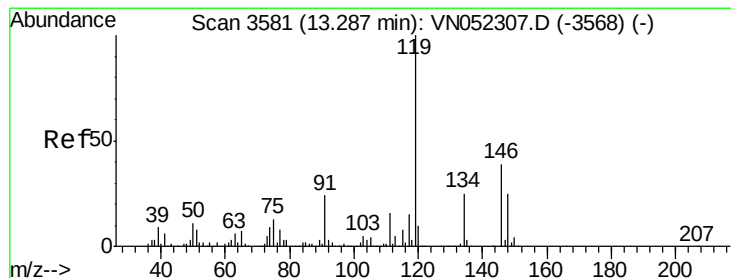
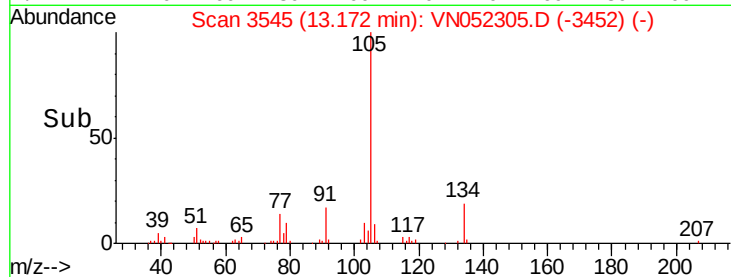
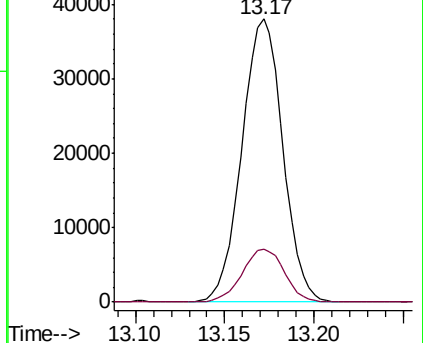
105 100

134 19.4 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.263 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

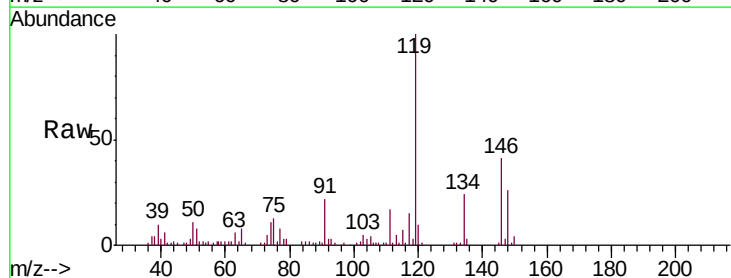
Tgt Ion:119 Resp: 52702

Ion Ratio Lower Upper

119 100

134 24.6 13.0 38.9

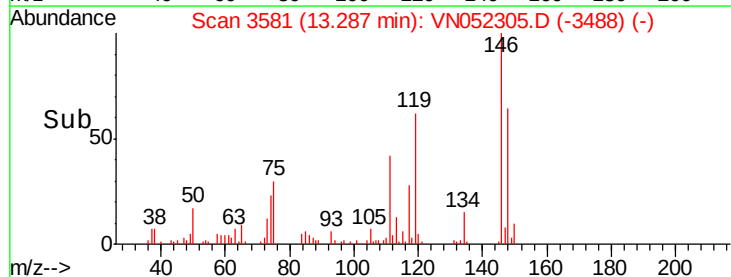
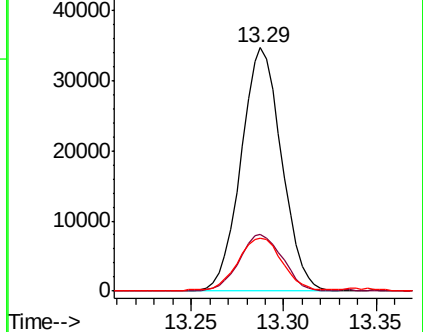
91 24.3 12.4 37.0

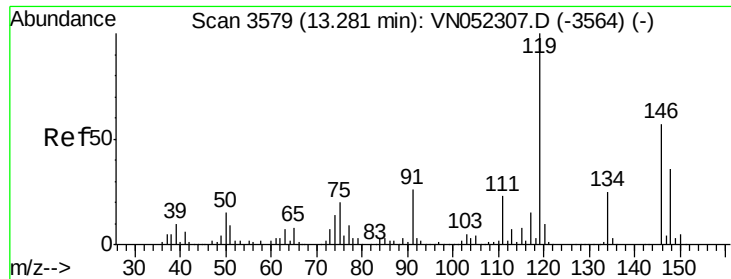


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.108 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

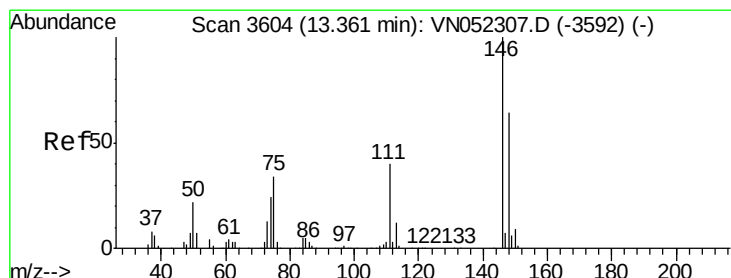
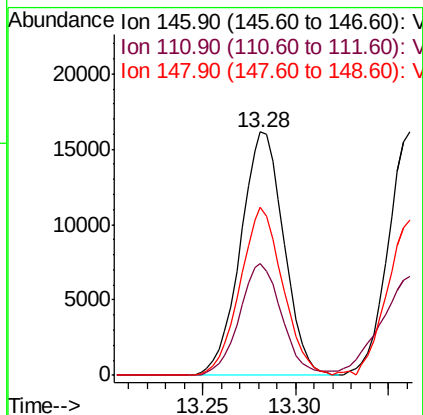
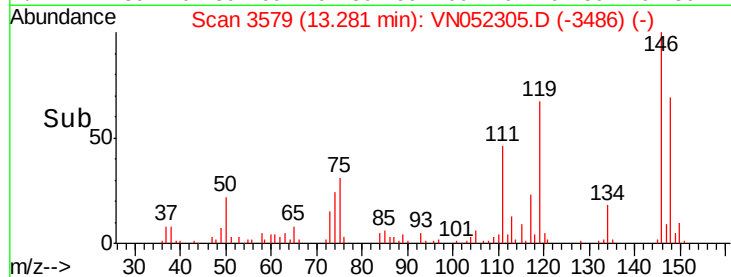
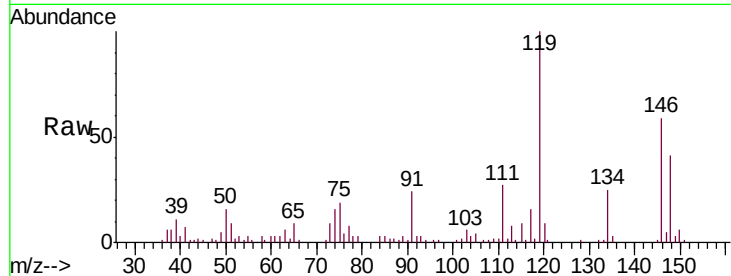
Tgt Ion:146 Resp: 26093

Ion Ratio Lower Upper

146 100

111 44.8 20.3 61.0

148 68.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 5.179 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

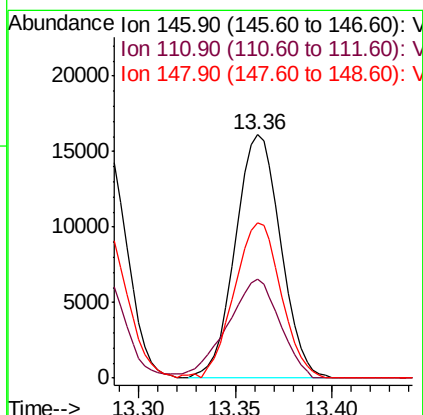
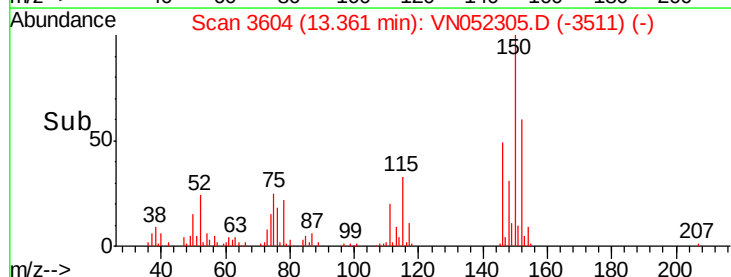
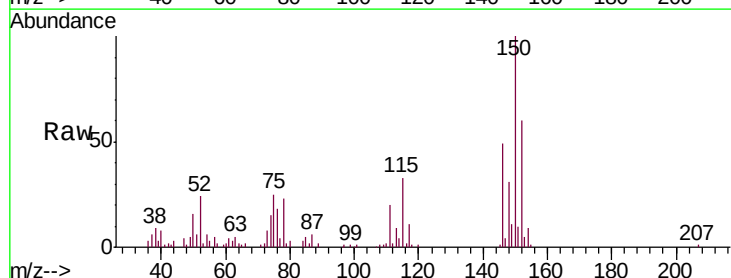
Tgt Ion:146 Resp: 26302

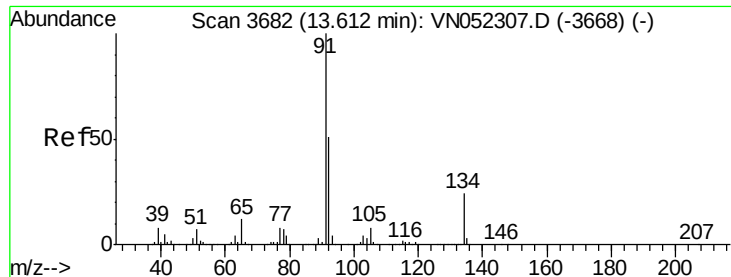
Ion Ratio Lower Upper

146 100

111 47.2 20.6 61.8

148 66.3 32.4 97.2





#89

n-Butylbenzene

Concen: 4.875 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

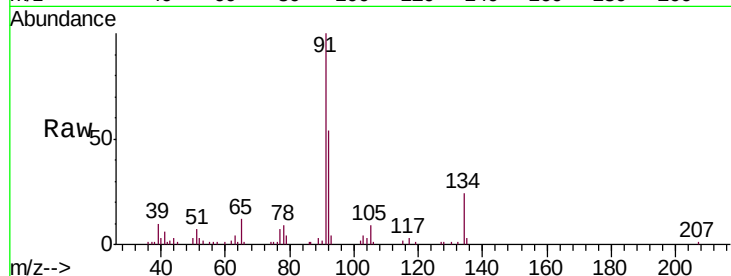
Tgt Ion: 91 Resp: 41931

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.2

134 23.2 12.2 36.4

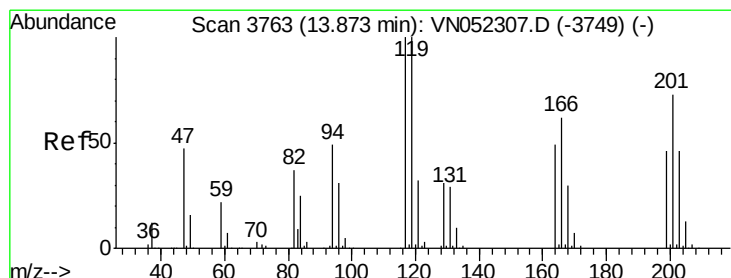
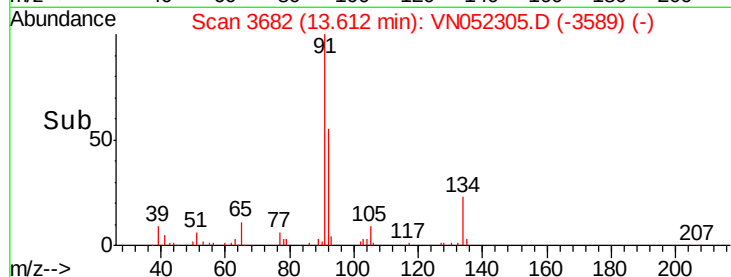


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 4.928 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052305.D

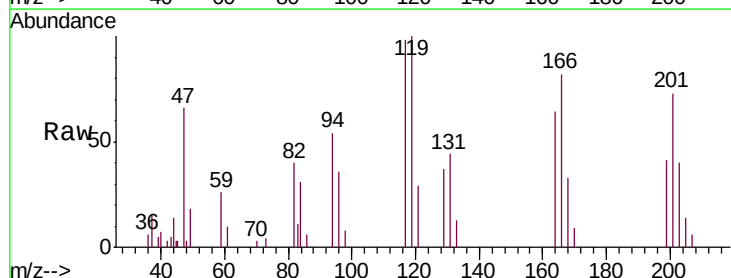
Acq: 14 Nov 2018 10:57

Tgt Ion: 117 Resp: 8741

Ion Ratio Lower Upper

117 100

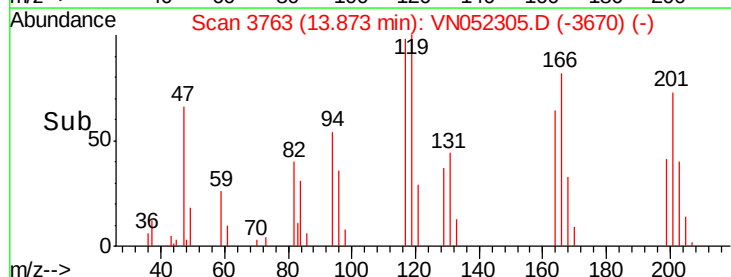
201 71.4 35.3 105.9

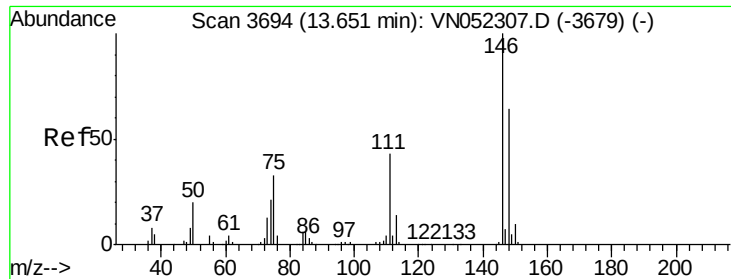


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)

Time-->

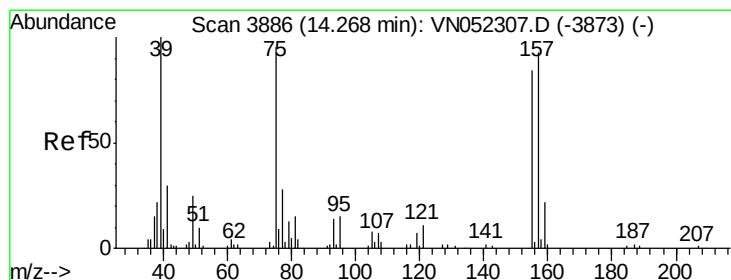
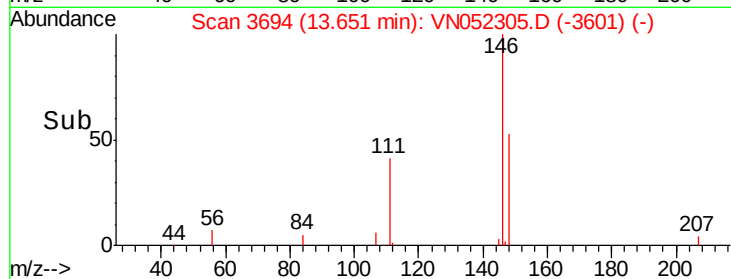
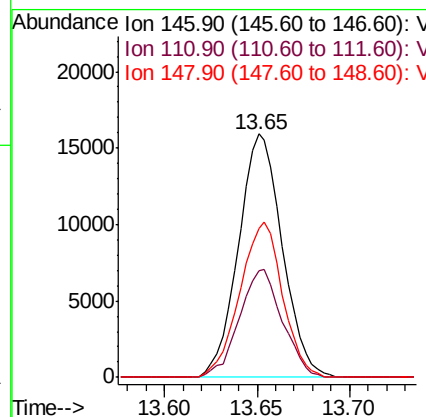
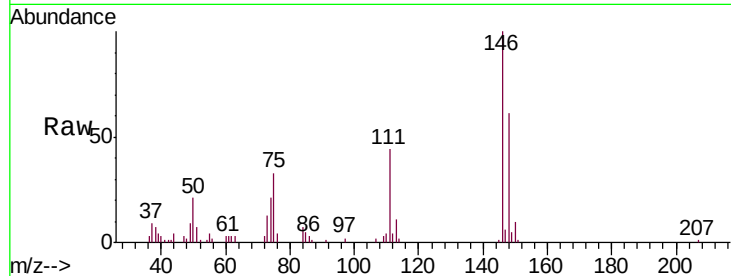




#91
 1,2-Dichlorobenzene
 Concen: 5.267 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

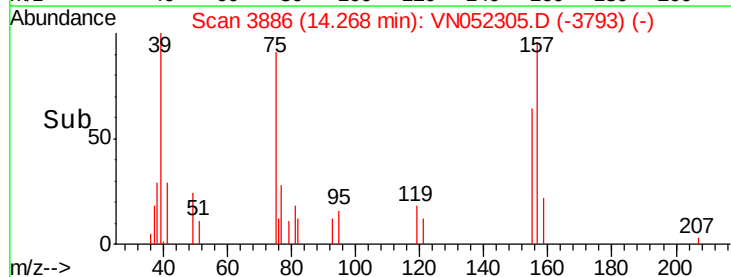
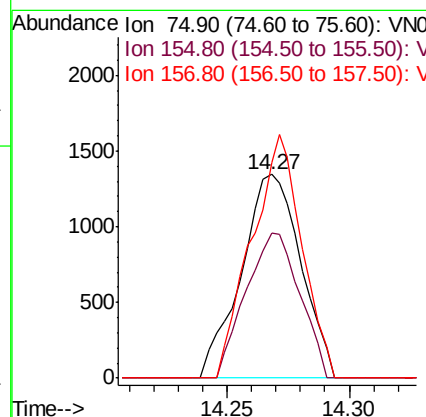
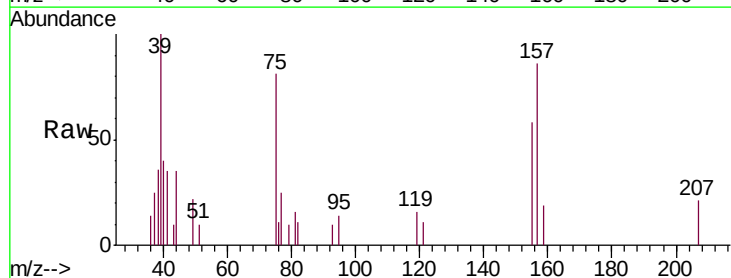
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

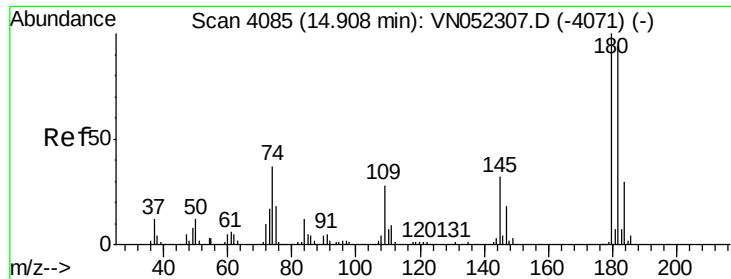
Tgt Ion: 146 Resp: 26066
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.9
 148 62.2 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.152 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion: 75 Resp: 2270
 Ion Ratio Lower Upper
 75 100
 155 64.6 42.4 127.3
 157 101.2 49.6 149.0

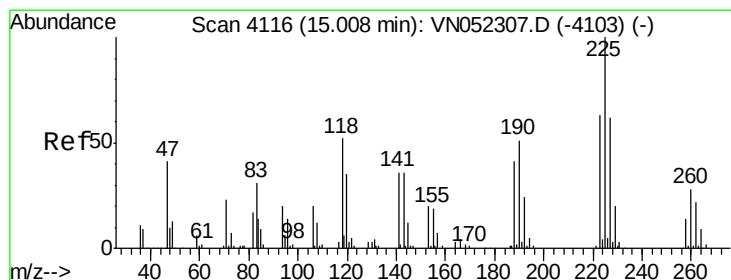
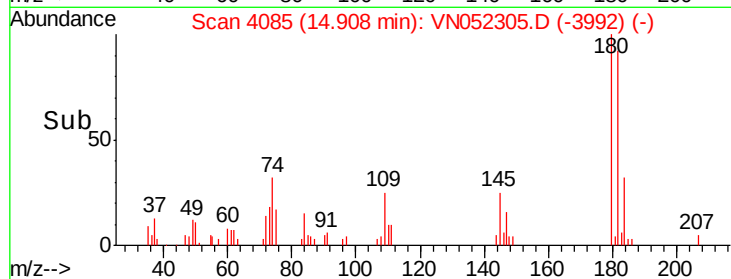
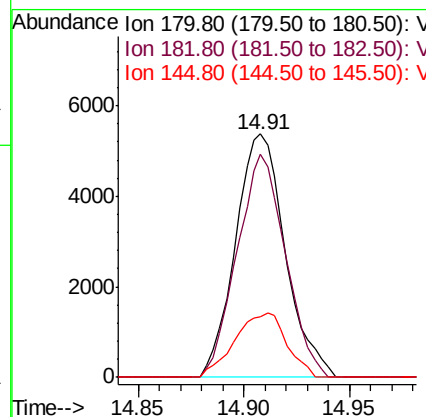
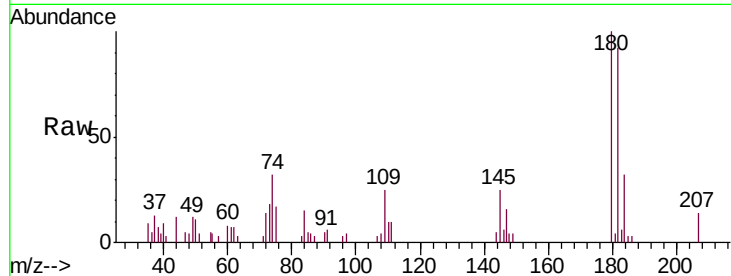




#93
 1,2,4-Trichlorobenzene
 Concen: 4.324 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

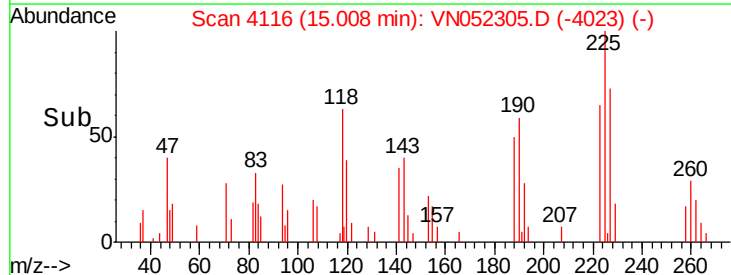
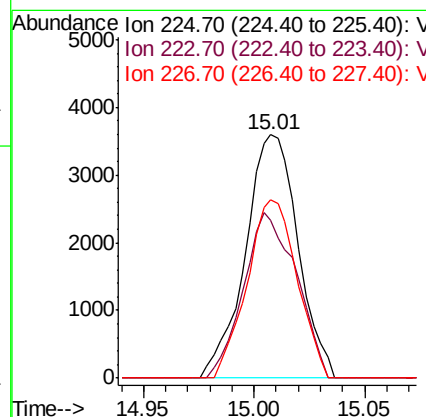
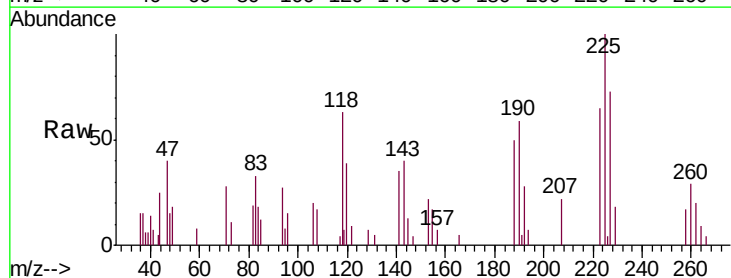
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

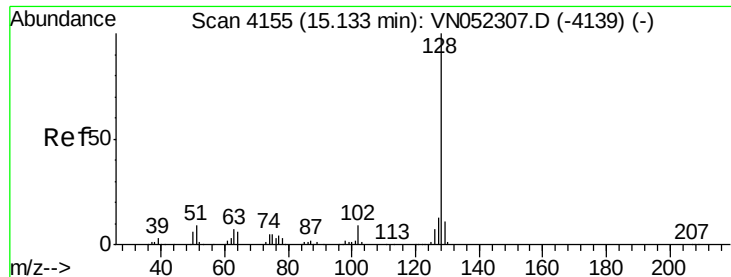
Tgt Ion:180 Resp: 8805
 Ion Ratio Lower Upper
 180 100
 182 88.7 47.6 142.9
 145 27.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 5.269 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052305.D
 Acq: 14 Nov 2018 10:57

Tgt Ion:225 Resp: 5968
 Ion Ratio Lower Upper
 225 100
 223 68.0 31.9 95.5
 227 69.3 31.6 95.0





#95

Naphthalene

Concen: 3.909 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

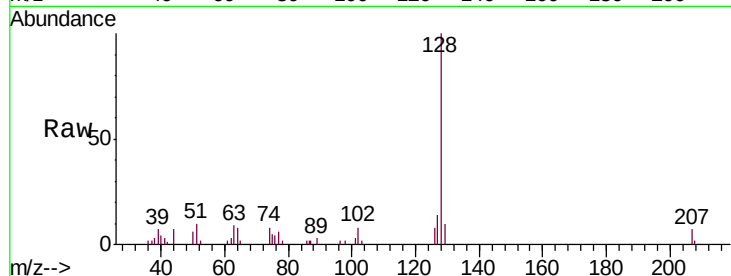
Tgt Ion:128 Resp: 17987

Ion Ratio Lower Upper

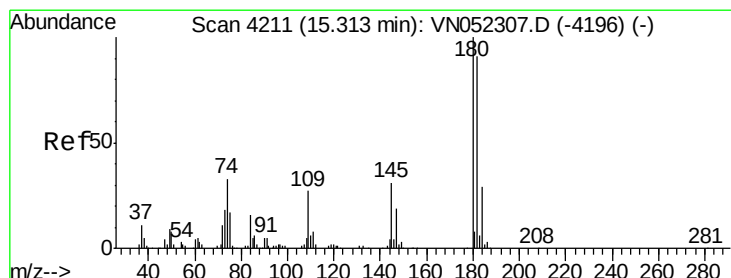
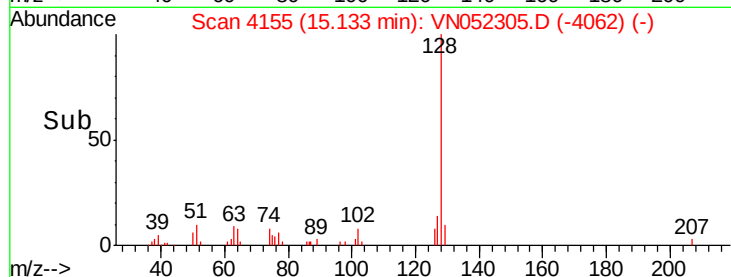
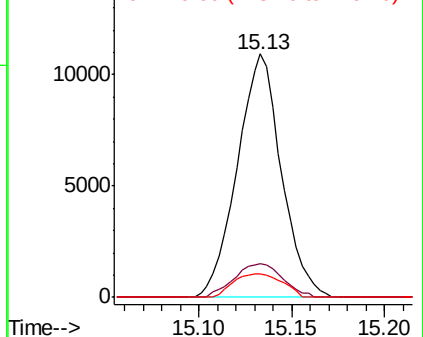
128 100

127 15.2 10.4 15.6

129 10.8 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 4.048 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052305.D

Acq: 14 Nov 2018 10:57

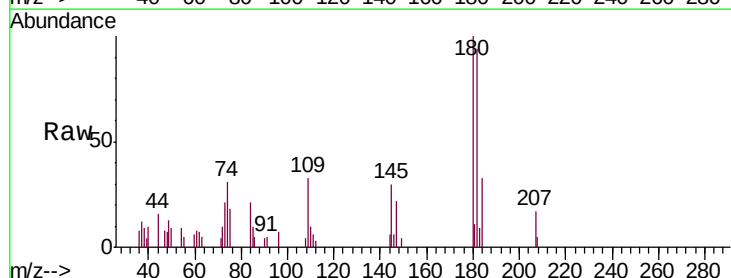
Tgt Ion:180 Resp: 7612

Ion Ratio Lower Upper

180 100

182 96.8 46.5 139.3

145 33.3 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

