

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064503.D
 Acq On : 9 Nov 2020 11:15
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 09 12:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	72746	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	381194	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	349104	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	197206	32.82	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.40%
60) 4-Bromofluorobenzene	12.38	95	166694	28.07	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.57%
63) Toluene-d8	10.06	98	497442	31.45	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	23088	4.932 ug/l	94
3) Chloromethane	2.04	50	27801	5.614 ug/l	99
4) Vinyl Chloride	2.16	62	30477	5.922 ug/l	99
5) Bromomethane	2.53	94	21785	6.455 ug/l	89
6) Chloroethane	2.68	64	18748	6.132 ug/l	95
7) Trichlorofluoromethane	2.99	101	45753	5.526 ug/l	97
8) Diethyl Ether	3.37	74	16164	6.105 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	21156	5.146 ug/l	53
10) 1,1-Dichloroethene	3.69	96	20082	5.123 ug/l	95
11) Methyl Iodide	3.90	142	20413	3.943 ug/l	97
12) Methyl Acetate	4.28	43	22028	5.221 ug/l #	90
13) Acrolein	3.56	56	11866	29.703 ug/l	97
14) Acrylonitrile	4.93	53	22015	11.728 ug/l #	1
15) Acetone	3.78	58	17141	26.470 ug/l	98
16) Carbon Disulfide	4.00	76	61452	5.447 ug/l	100
17) Allyl chloride	4.27	41	33216	4.771 ug/l	100
18) Methylene Chloride	4.50	84	23958	5.261 ug/l	95
19) trans-1,2-Dichloroethene	4.98	96	22309	5.160 ug/l	91
20) Diisopropyl ether	5.90	45	71578	4.838 ug/l	92
21) 1,1-Dichloroethane	5.79	63	44422	5.320 ug/l	96
22) cis-1,2-Dichloroethene	6.78	96	24205	4.799 ug/l	97
23) tert-Butyl Alcohol	4.75	59	16271	23.164 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	62641	4.509 ug/l #	67
25) Chloroform	7.33	83	45228	5.052 ug/l	97
26) Cyclohexane	7.61	56	29346	4.451 ug/l #	98
29) 1,1-Dichloropropene	7.75	75	31076	4.986 ug/l	98
30) 2-Butanone	6.79	43	76060	26.676 ug/l #	83
31) 2,2-Dichloropropane	6.77	77	38422	5.066 ug/l #	58
32) 1,1,1-Trichloroethane	7.52	97	39682	4.949 ug/l	98
33) Carbon Tetrachloride	7.74	117	36140	5.009 ug/l	97
34) Benzene	8.00	78	93085	5.286 ug/l #	64
35) Methacrylonitrile	7.13	41	12642	4.551 ug/l	93
36) 1,2-Dichloroethane	8.08	62	41139	5.663 ug/l	97
37) Trichloroethene	8.80	130	24702	5.086 ug/l	99
38) Methylcyclohexane	9.05	83	26911	4.803 ug/l	95
39) 1,2-Dichloropropane	9.08	63	24755	5.408 ug/l	95
40) Dibromomethane	9.17	93	16695	5.112 ug/l	95

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 Data File : VN064503.D
 Acq On : 9 Nov 2020 11:15
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Nov 09 12:23:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	36816	5.317	ug/l #	99
42) Vinyl Acetate	5.85	43	291730	24.446	ug/l	99
43) Ethyl Acetate	6.88	43	30483	5.505	ug/l	98
44) Isopropyl Acetate	8.13	43	51432	5.311	ug/l	99
45) 1,4-Dioxane	9.16	88	3103	44.852	ug/l #	1
46) Methyl methacrylate	9.16	41	24734	5.169	ug/l	90
47) n-amyl Acetate	12.05	43	34893	4.226	ug/l	95
48) t-1,3-Dichloropropene	10.35	75	35035	4.612	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	38720	4.930	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	23656	5.405	ug/l	92
51) Ethyl methacrylate	10.40	69	26429	4.212	ug/l	95
52) 1,3-Dichloropropane	10.68	76	39392	5.344	ug/l	98
53) Dibromochloromethane	10.87	129	25157	4.709	ug/l	96
54) 1,2-Dibromoethane	10.97	107	22281	4.806	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	71811	21.011	ug/l	98
56) Bromoform	12.10	173	15418	4.113	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	147887	26.139	ug/l	98
59) 2-Hexanone	10.72	43	105569	25.144	ug/l	100
61) Tetrachloroethene	10.60	164	23004	4.944	ug/l	94
62) Toluene	10.12	91	101349	5.149	ug/l	99
64) Chlorobenzene	11.40	112	58519	4.800	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	22920	4.849	ug/l	98
66) Ethyl Benzene	11.48	91	100524	4.678	ug/l	96
67) m/p-Xylenes	11.59	106	70545	8.722	ug/l	99
68) o-Xylene	11.92	106	32941	4.247	ug/l	97
69) Styrene	11.94	104	51991	3.993	ug/l	100
70) Isopropylbenzene	12.22	105	84603	4.208	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	30394	5.295	ug/l	95
72) 1,2,3-Trichloropropane	12.53	75	41682	7.047	ug/l	59
73) Bromobenzene	12.50	156	23438	4.551	ug/l	96
74) n-propylbenzene	12.56	91	102303	4.581	ug/l	99
75) 2-Chlorotoluene	12.65	91	66906	4.737	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	70190	4.200	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	9526	4.528	ug/l	96
78) 4-Chlorotoluene	12.75	91	67728	4.617	ug/l	99
79) tert-butylbenzene	12.97	119	55680	4.238	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	68065	4.044	ug/l	100
81) sec-Butylbenzene	13.14	105	73940	4.376	ug/l	98
82) p-Isopropyltoluene	13.26	119	61560	3.987	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	37749	4.263	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	37394	4.215	ug/l	98
85) n-Butylbenzene	13.59	91	54641	4.414	ug/l	97
86) Hexachloroethane	13.85	117	14642	4.968	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	36695	4.314	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	6241	5.039	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	13840	3.381	ug/l	96
90) Hexachlorobutadiene	14.98	225	10458	4.802	ug/l	96
91) Naphthalene	15.10	128	41817	3.372	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	15067	3.659	ug/l	95

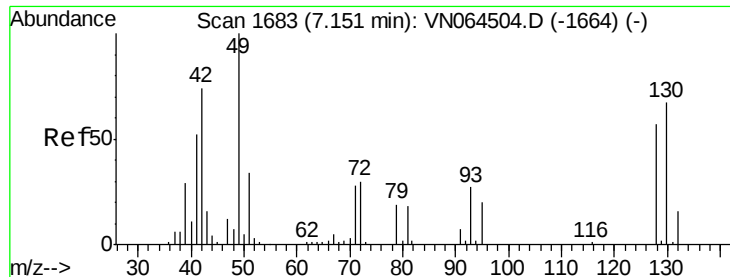
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
Data File : VN064503.D
Acq On : 9 Nov 2020 11:15
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Nov 09 12:23:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 12:16:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

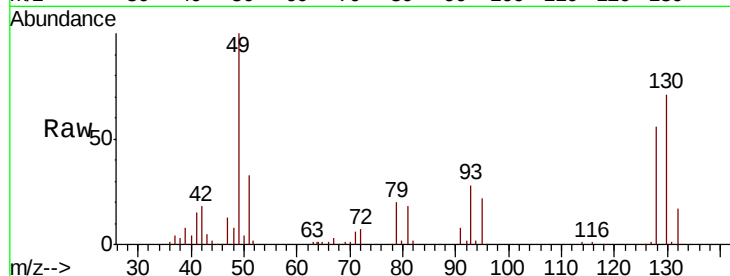
Tot Ion:128 Resp: 72746

Ion Ratio Lower Upper

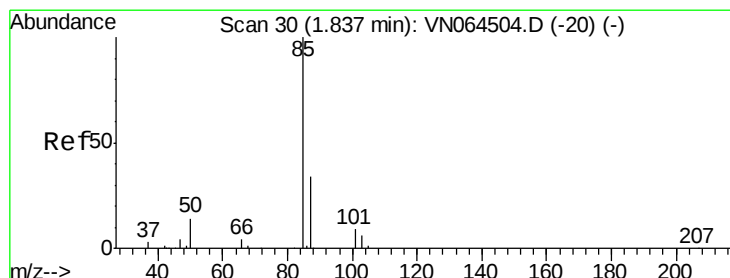
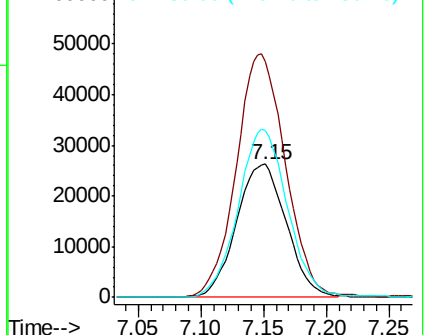
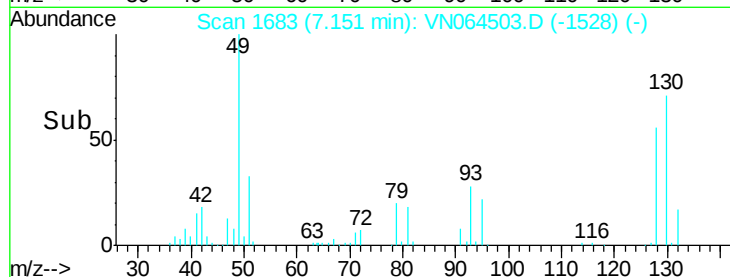
128 100

49 180.3 0.0 475.5

130 124.3 0.0 315.3



Abundance Ion 128.00 (127.70 to 128.70): VN064503.D (-1528) (-)



#2

Dichlorodifluoromethane

Concen: 4.932 ug/l

RT: 1.84 min Scan# 30

Delta R.T. -0.00 min

Lab File: VN064503.D

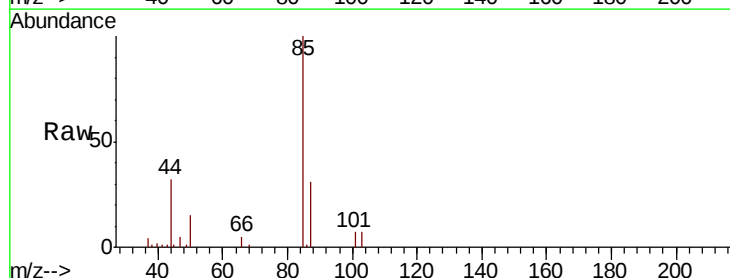
Acq: 9 Nov 2020 11:15

Tgt Ion: 85 Resp: 23088

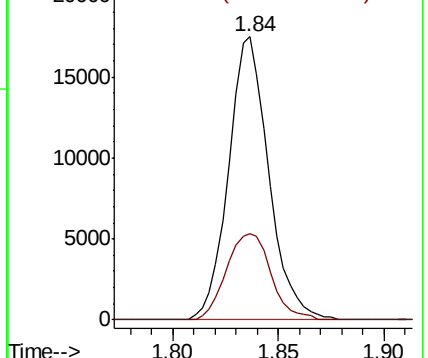
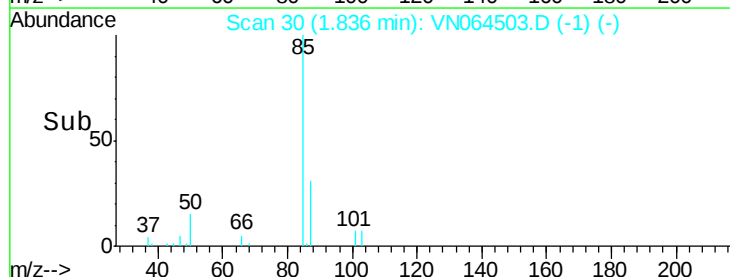
Ion Ratio Lower Upper

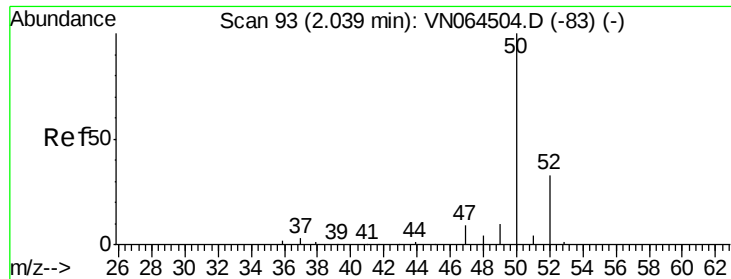
85 100

87 30.5 17.0 50.9



Abundance Ion 85.00 (84.70 to 85.70): VN064503.D (-1)





#3

Chloromethane

Concen: 5.614 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

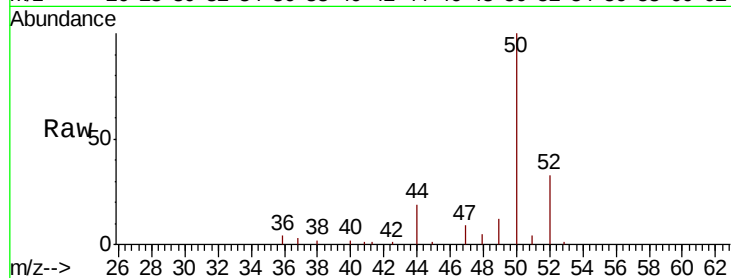
VSTDIC005

Tot Ion: 50 Resp: 27801

Ion Ratio Lower Upper

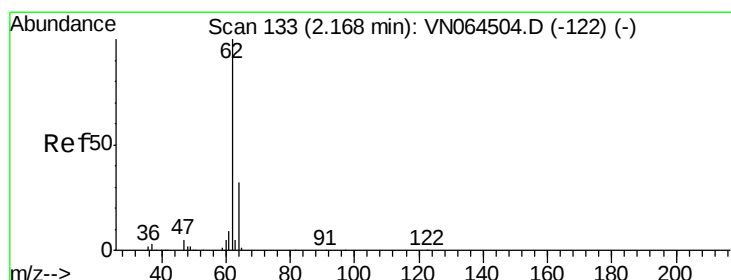
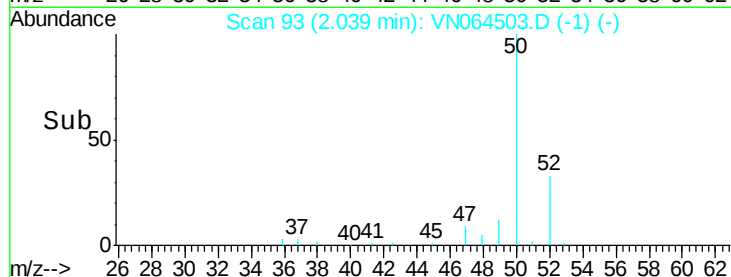
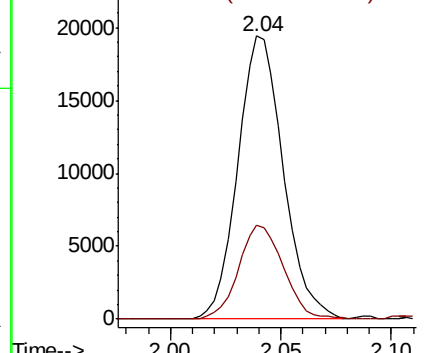
50 100

52 33.2 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 5.922 ug/l

RT: 2.16 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064503.D

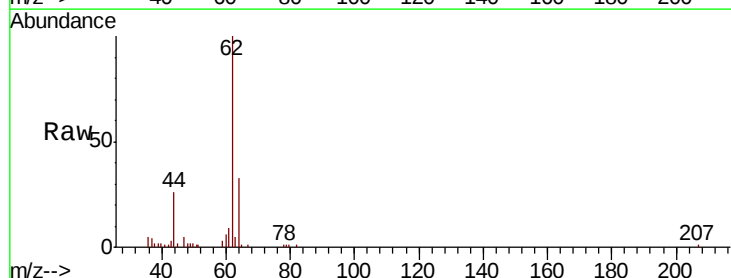
Acq: 9 Nov 2020 11:15

Tgt Ion: 62 Resp: 30477

Ion Ratio Lower Upper

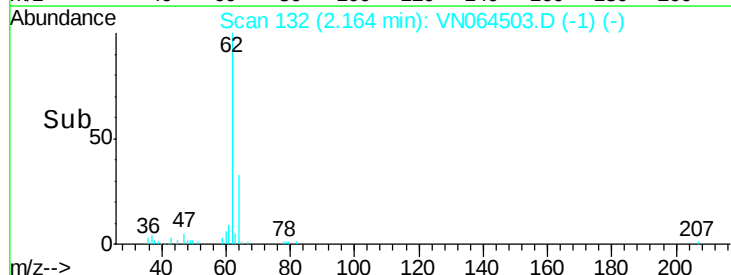
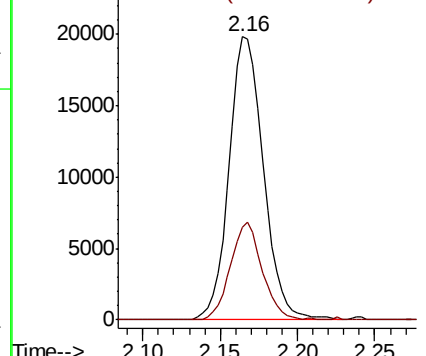
62 100

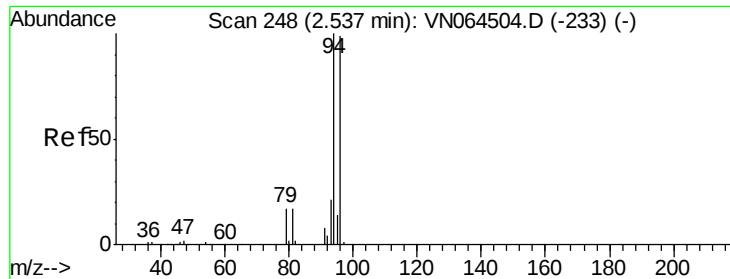
64 32.8 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 6.455 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

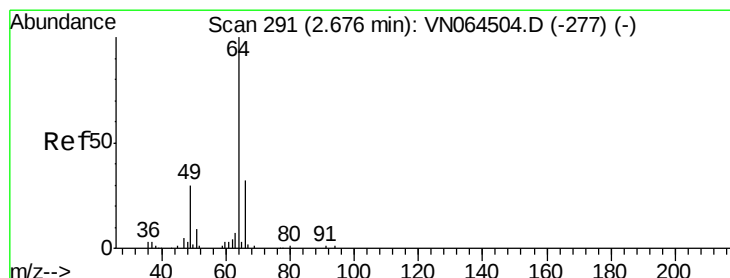
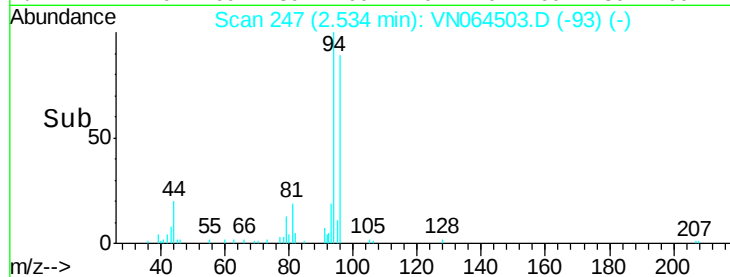
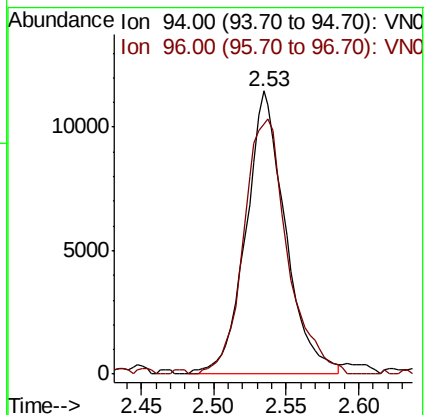
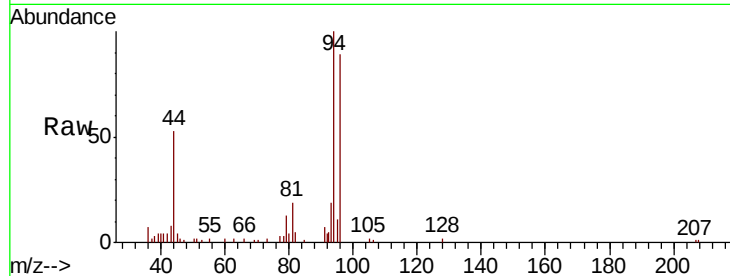
VSTDIC005

Tot Ion: 94 Resp: 21785

Ion Ratio Lower Upper

94 100

96 88.5 79.3 118.9



#6

Chloroethane

Concen: 6.132 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064503.D

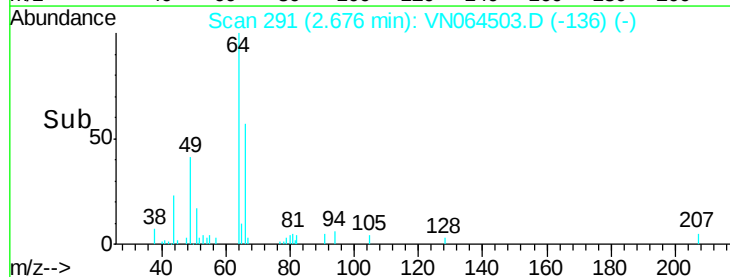
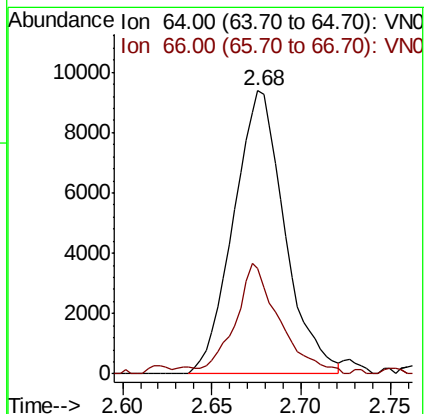
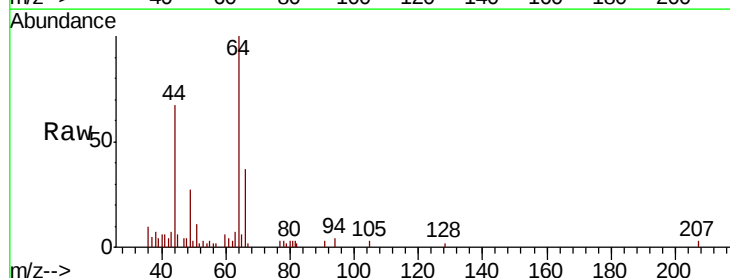
Acq: 9 Nov 2020 11:15

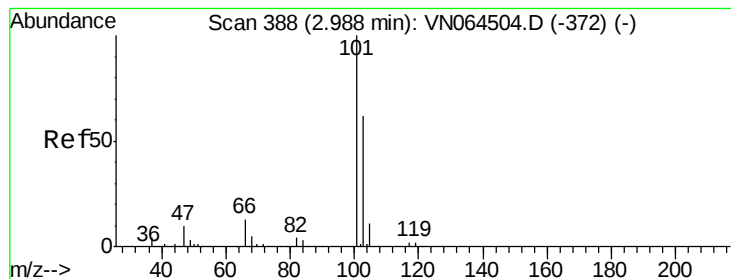
Tgt Ion: 64 Resp: 18748

Ion Ratio Lower Upper

64 100

66 35.0 26.0 39.0



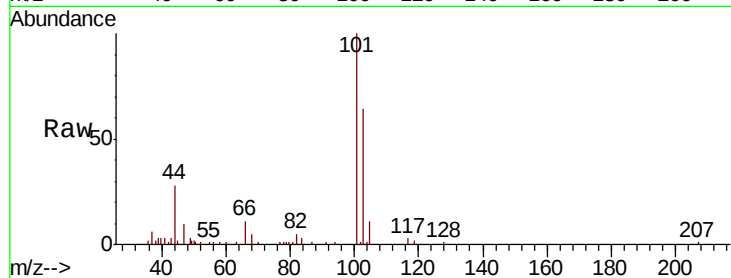


#7

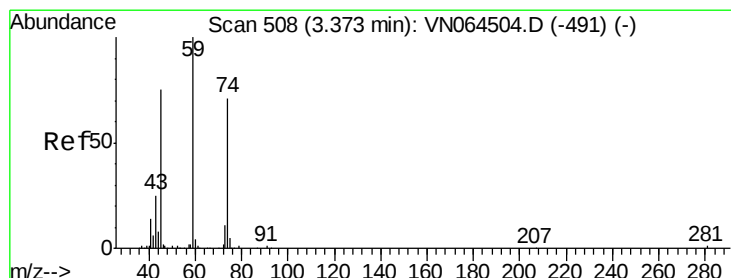
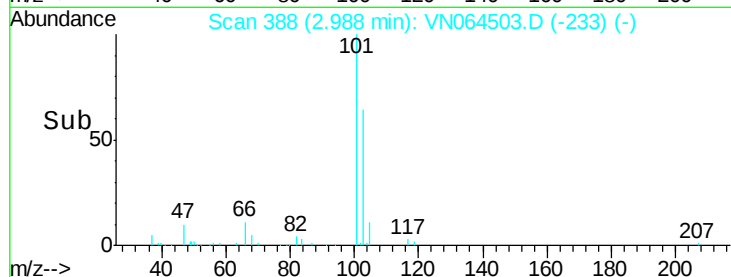
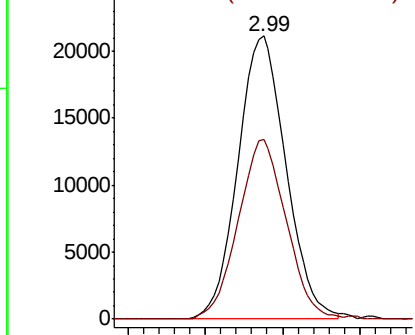
Trichlorofluoromethane
 Concen: 5.526 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:101 Resp: 45753
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



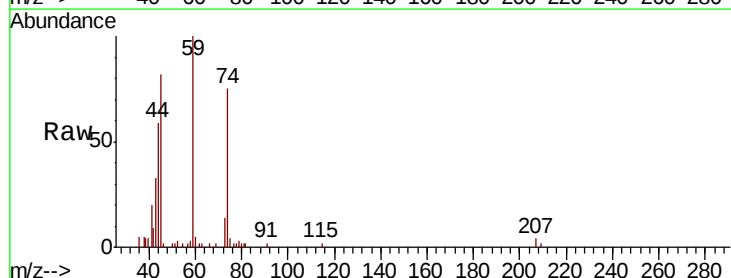
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



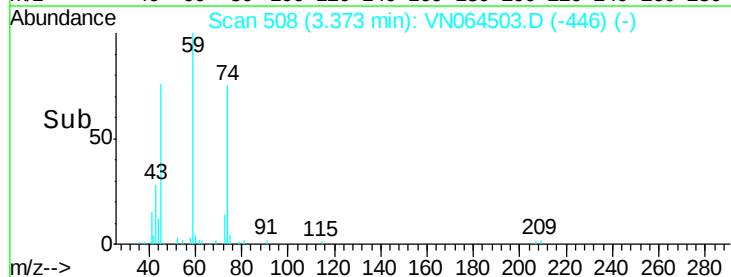
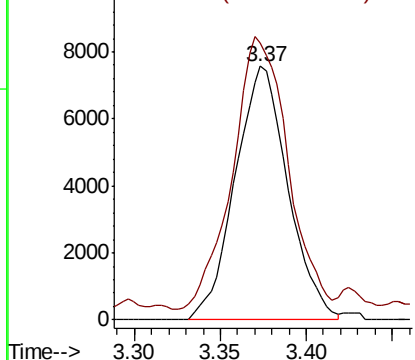
#8

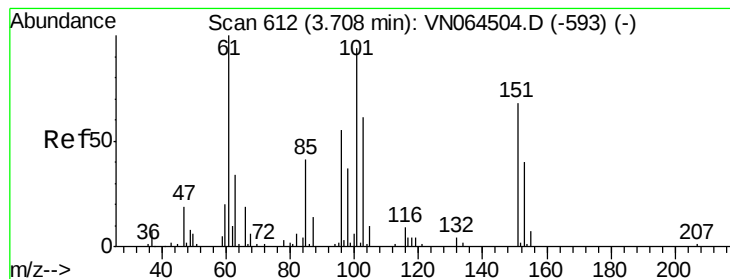
Diethyl Ether
 Concen: 6.105 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion: 74 Resp: 16164
 Ion Ratio Lower Upper
 74 100
 45 112.8 22.1 198.5



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.146 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

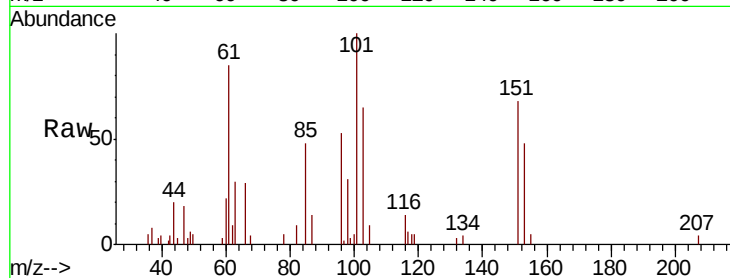
Tot Ion:101 Resp: 21156

Ion Ratio Lower Upper

101 100

85 47.8 0.0 49.0

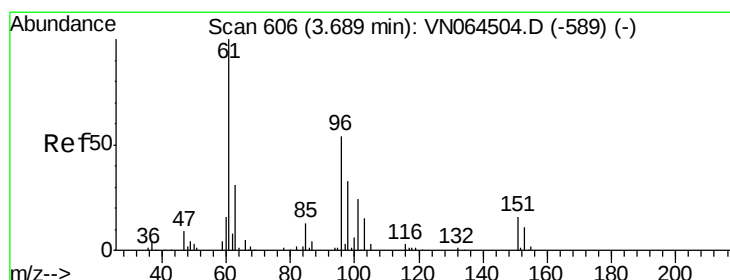
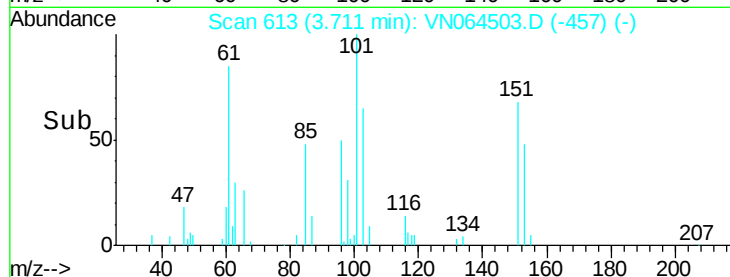
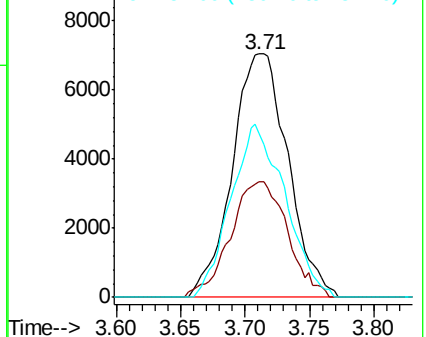
151 69.3 0.0 80.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.123 ug/l

RT: 3.69 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

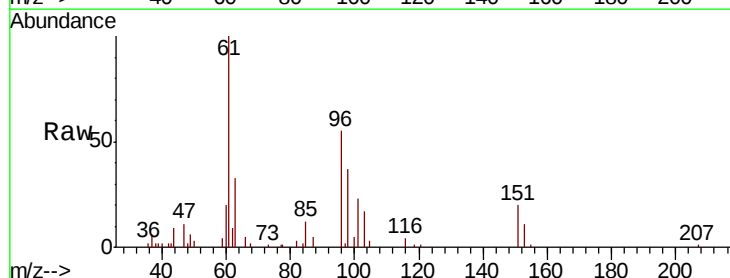
Tgt Ion: 96 Resp: 20082

Ion Ratio Lower Upper

96 100

61 179.4 149.2 223.8

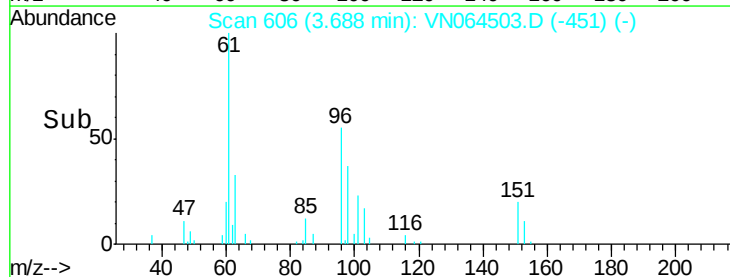
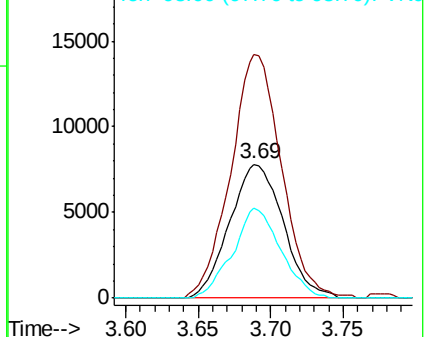
98 67.2 49.6 74.4

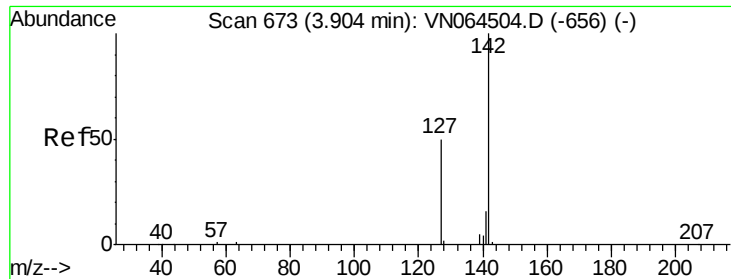


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

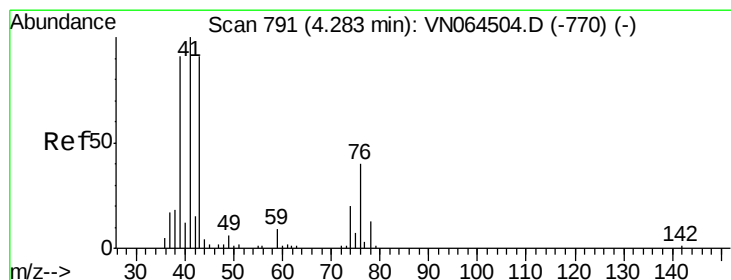
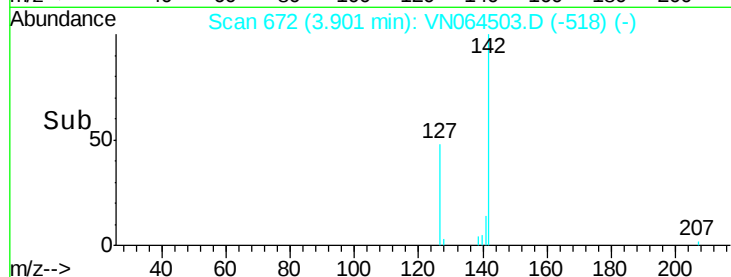
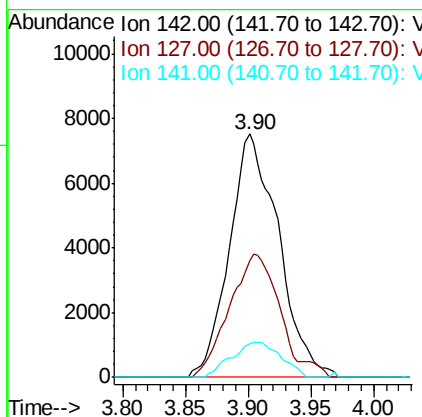
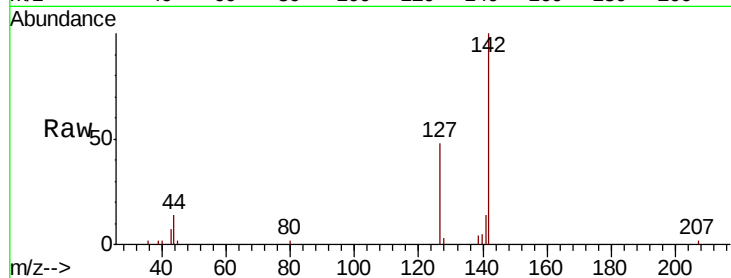




#11
Methvl Iodide
Concen: 3.943 ug/l
RT: 3.90 min Scan# 672
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

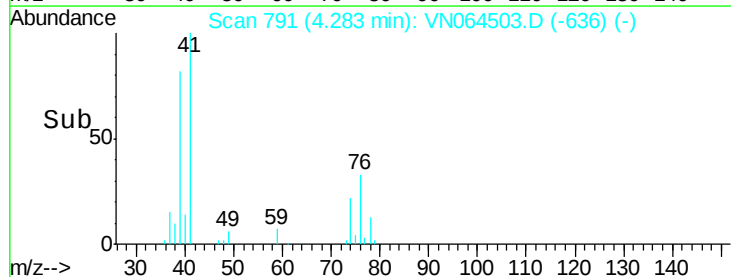
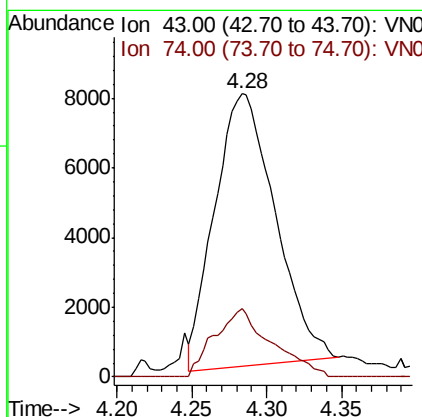
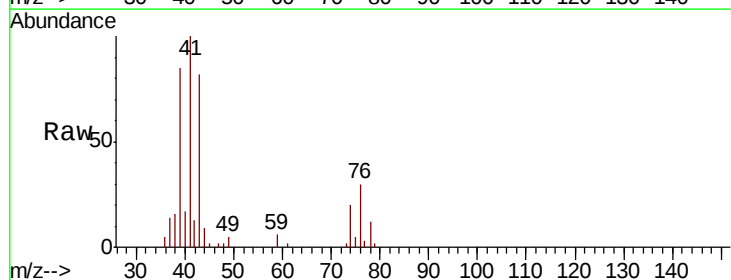
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

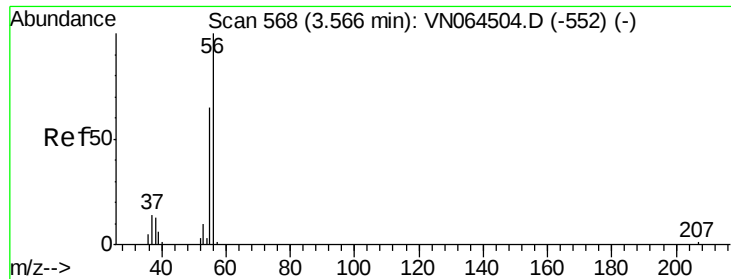
Tot Ion:142 Resp: 20413
Ion Ratio Lower Upper
142 100
127 51.4 24.7 74.1
141 14.1 7.8 23.3



#12
Methyl Acetate
Concen: 5.221 ug/l
RT: 4.28 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 43 Resp: 22028
Ion Ratio Lower Upper
43 100
74 26.7 17.7 26.5#





#13

Acrolein

Concen: 29.703 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

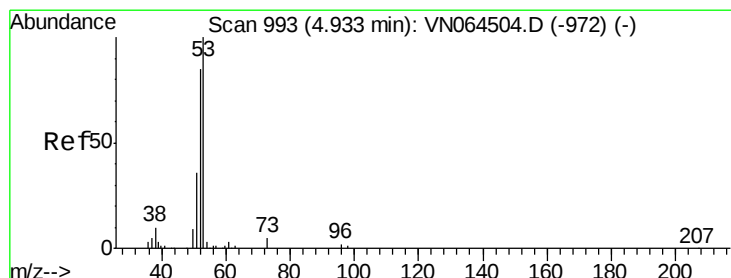
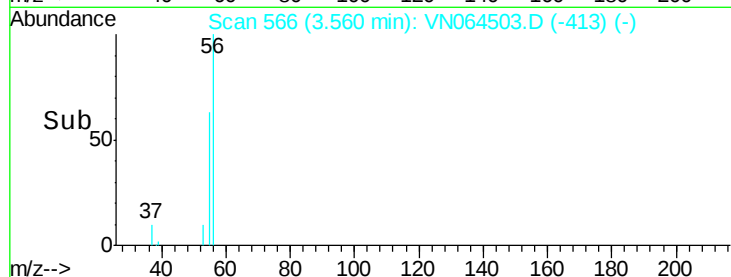
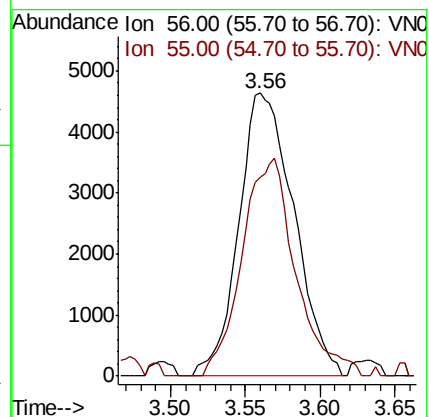
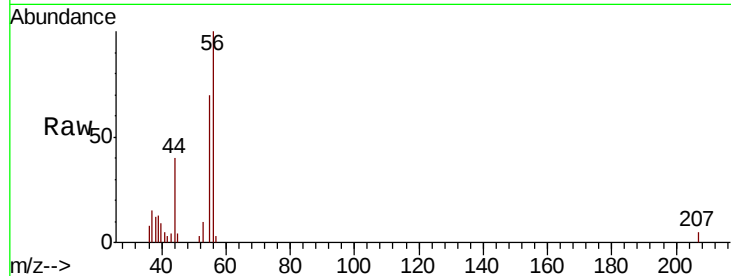
VSTDIC005

Tot Ion: 56 Resp: 11866

Ion Ratio Lower Upper

56 100

55 75.1 58.2 87.2



#14

Acrylonitrile

Concen: 11.728 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

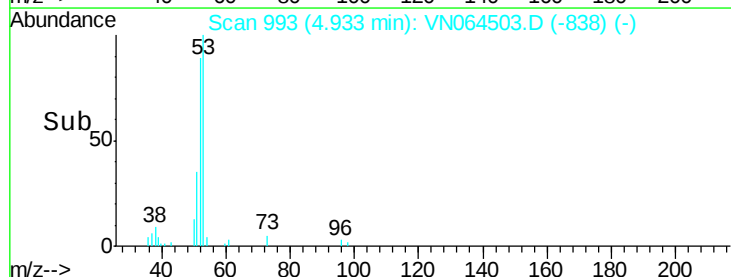
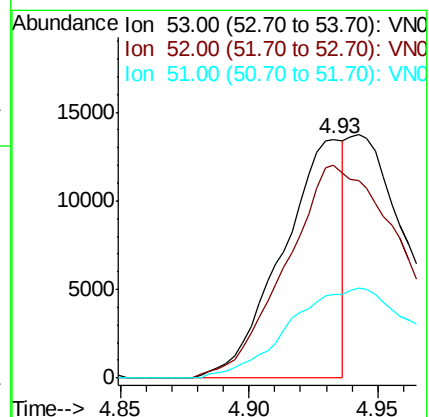
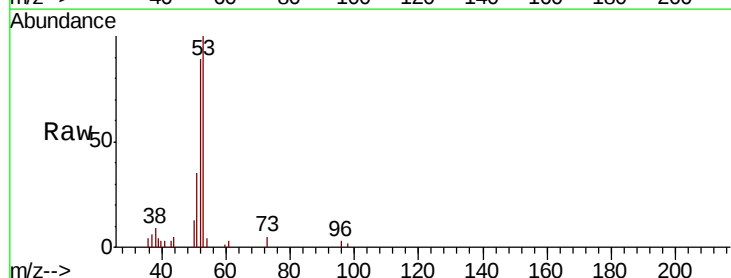
Tgt Ion: 53 Resp: 22015

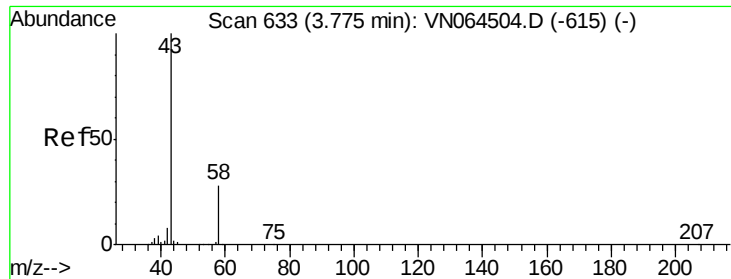
Ion Ratio Lower Upper

53 100

52 182.4 41.3 124.1#

51 81.3 18.9 56.5#





#15

Acetone

Concen: 26.470 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

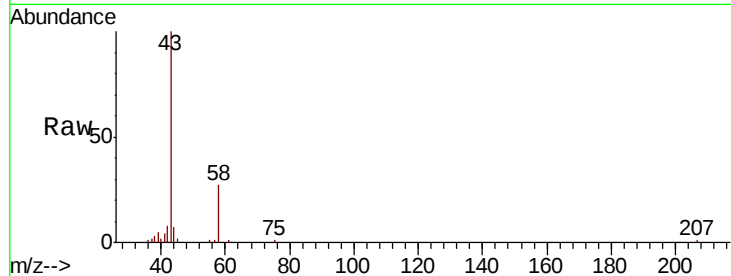
VSTDIC005

Tot Ion: 58 Resp: 17141

Ion Ratio Lower Upper

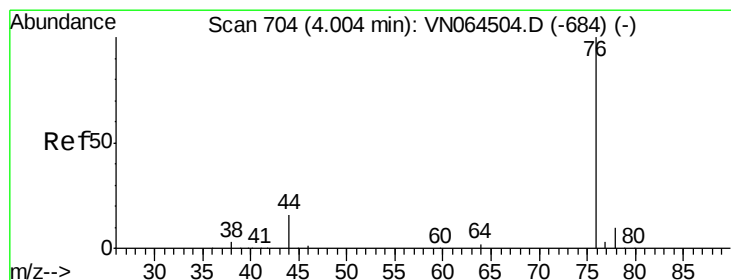
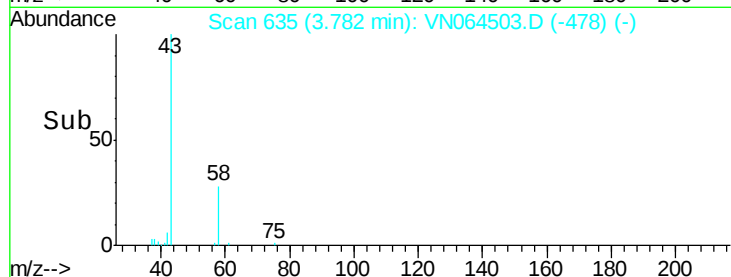
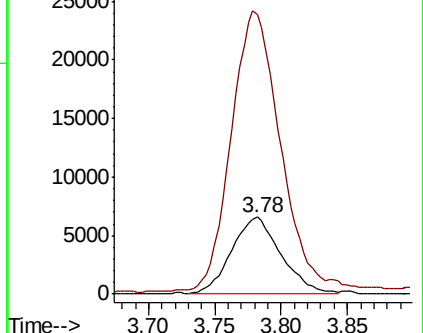
58 100

43 358.6 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN064503.D (-478) (-)

Ion 43.00 (42.70 to 43.70): VN064503.D (-478) (-)



#16

Carbon Disulfide

Concen: 5.447 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN064503.D

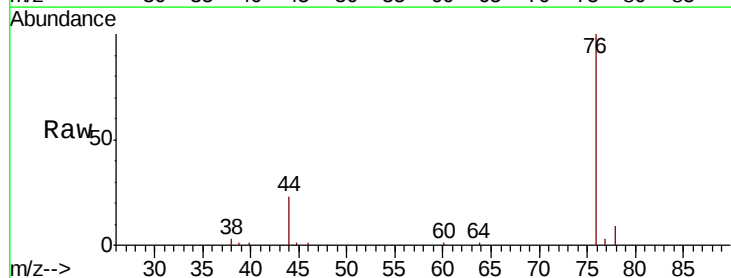
Acq: 9 Nov 2020 11:15

Tgt Ion: 76 Resp: 61452

Ion Ratio Lower Upper

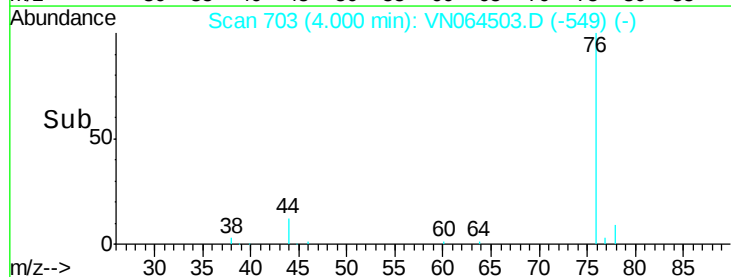
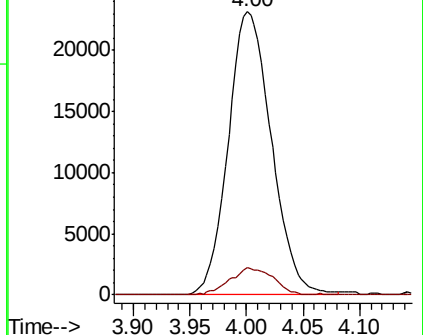
76 100

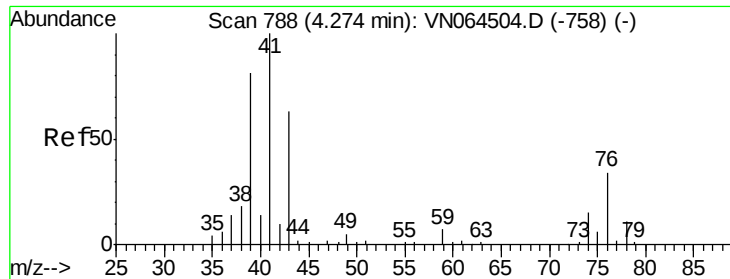
78 9.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064503.D (-549) (-)

Ion 78.00 (77.70 to 78.70): VN064503.D (-549) (-)

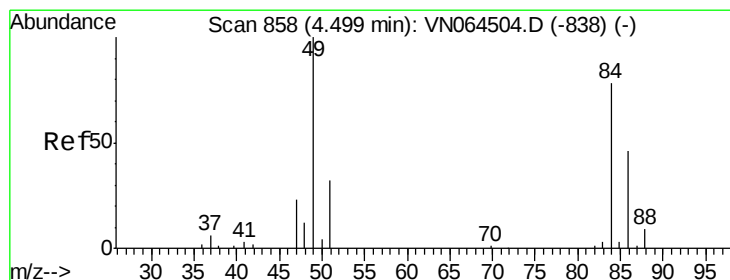
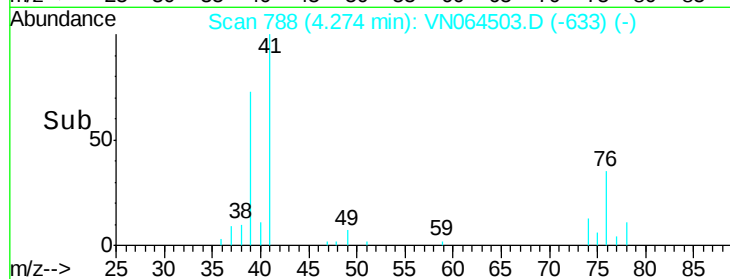
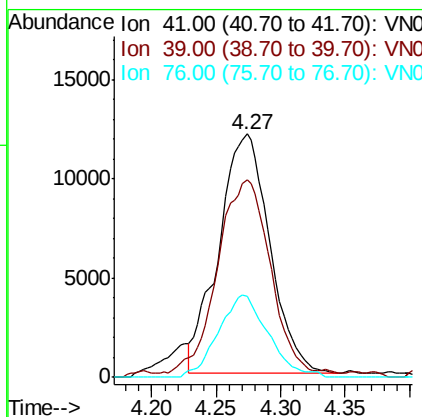
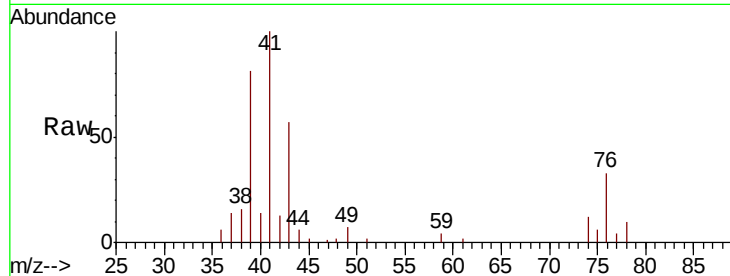




#17
Allvl chloride
Concen: 4.771 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

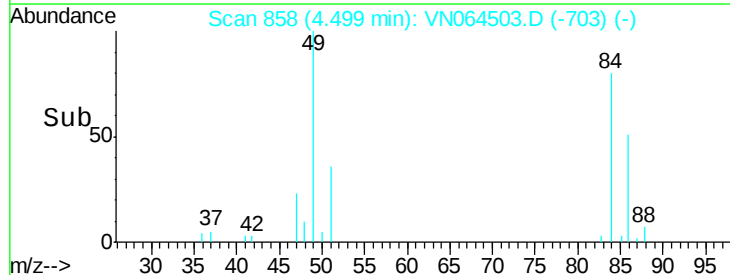
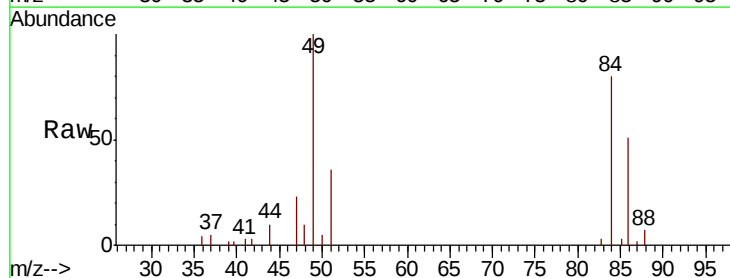
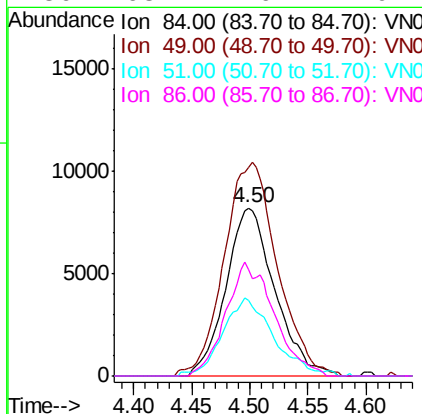
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

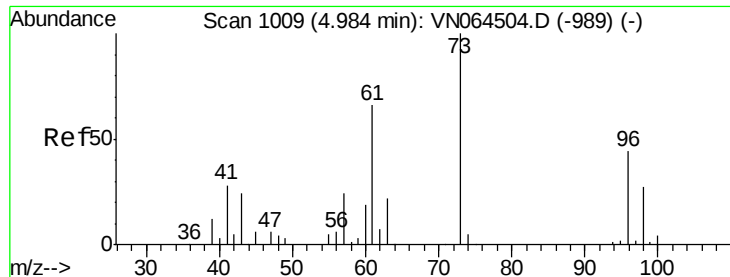
Tot Ion: 41 Resp: 33216
Ion Ratio Lower Upper
41 100
39 80.5 40.3 120.8
76 33.7 16.8 50.3



#18
Methylene Chloride
Concen: 5.261 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 84 Resp: 23958
Ion Ratio Lower Upper
84 100
49 122.3 102.1 153.1
51 44.8 32.6 48.8
86 63.4 46.7 70.1

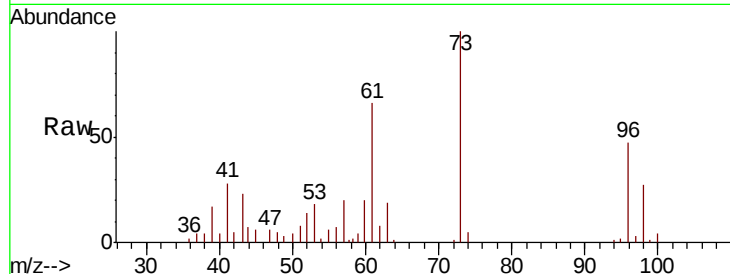




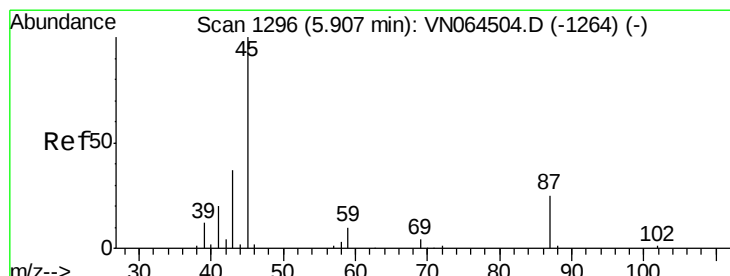
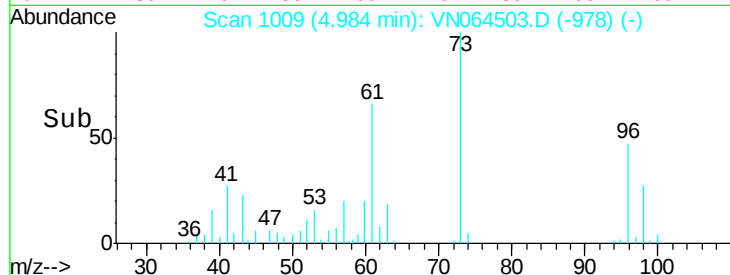
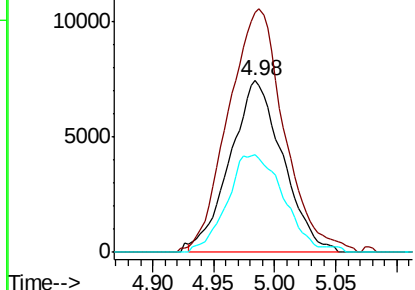
#19
trans-1,2-Dichloroethene
Concen: 5.160 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 96 Resp: 22309
Ion Ratio Lower Upper
96 100
61 136.9 120.1 180.1
98 57.0 49.1 73.7

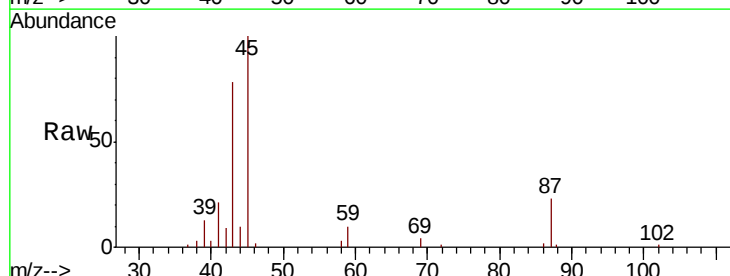


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

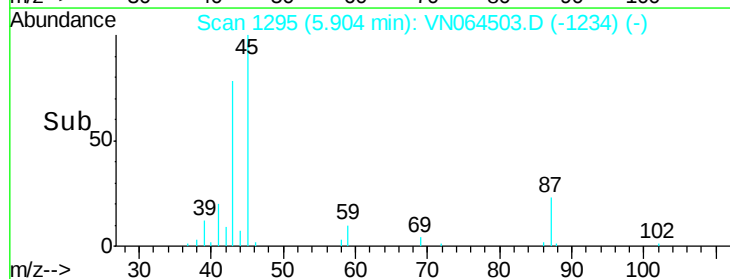
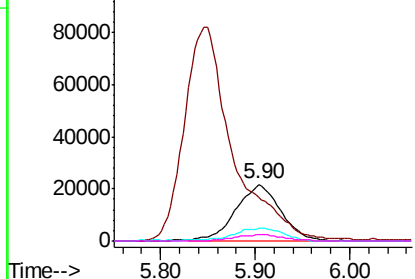


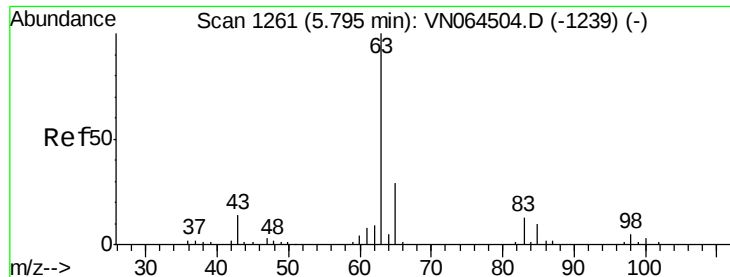
#20
Diisopropyl ether
Concen: 4.838 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 45 Resp: 71578
Ion Ratio Lower Upper
45 100
43 74.3 53.1 79.7
87 23.3 21.0 31.6
59 10.4 8.2 12.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

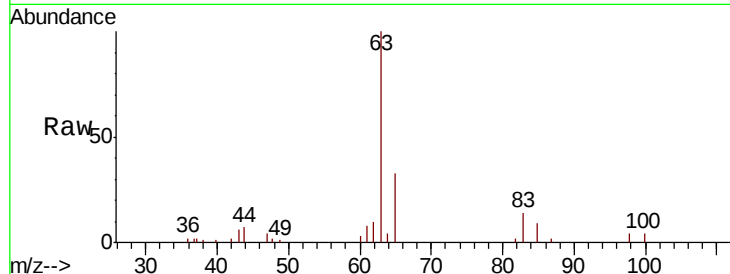




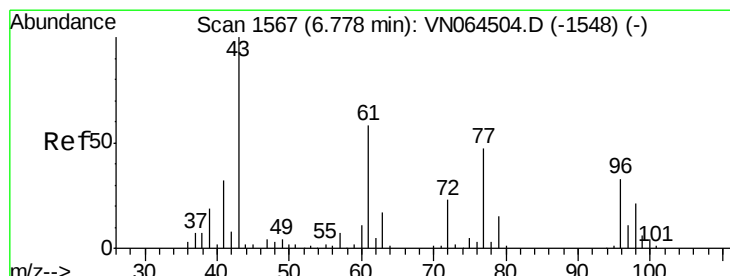
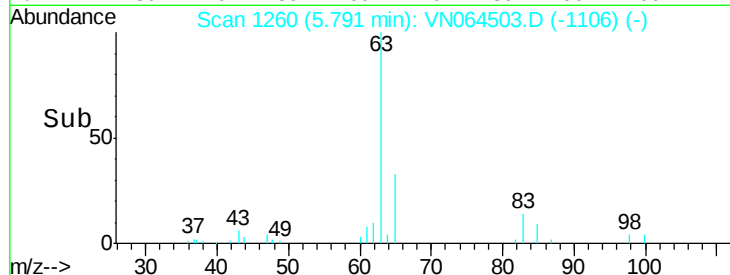
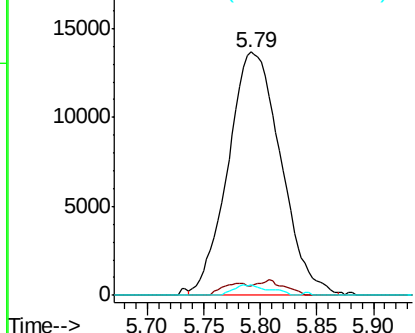
#21
 1,1-Dichloroethane
 Concen: 5.320 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 44422
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.6 8.0
 100 4.3 1.7 5.1

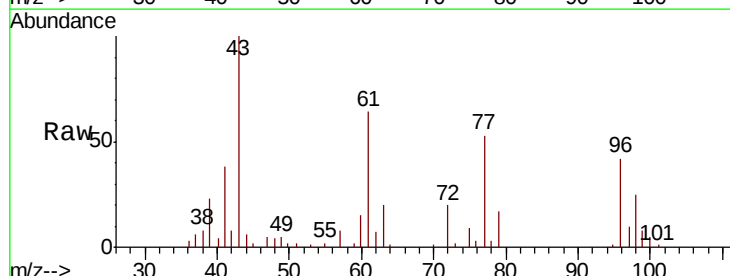


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

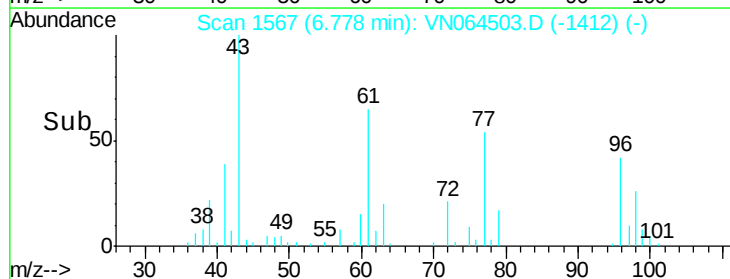
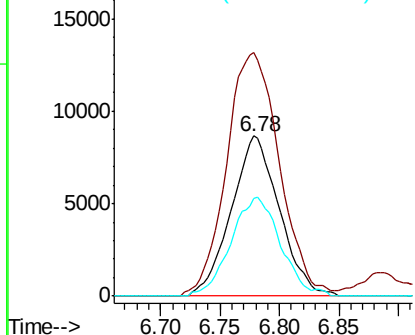


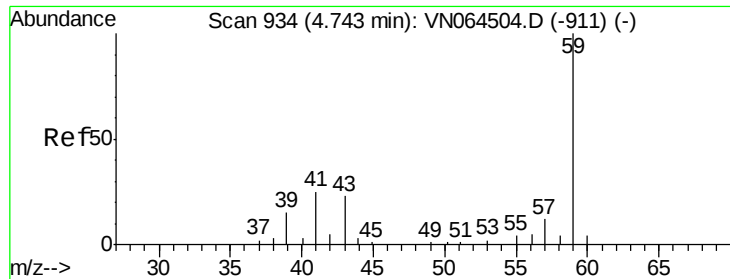
#22
 cis-1,2-Dichloroethene
 Concen: 4.799 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion: 96 Resp: 24205
 Ion Ratio Lower Upper
 96 100
 61 165.7 136.1 204.1
 98 62.5 51.8 77.8



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

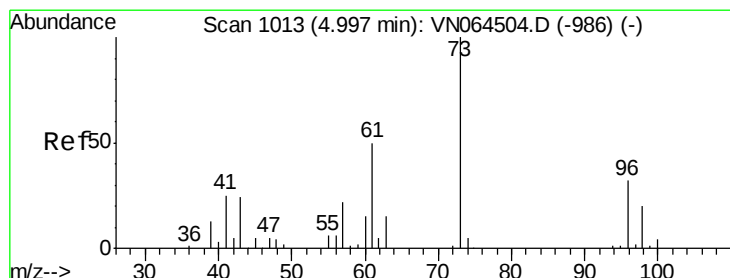
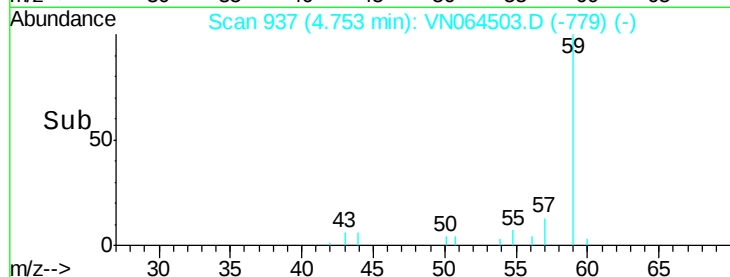
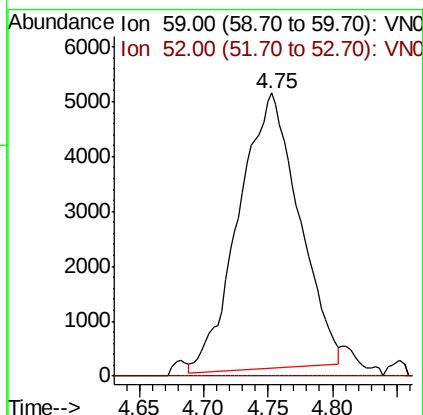
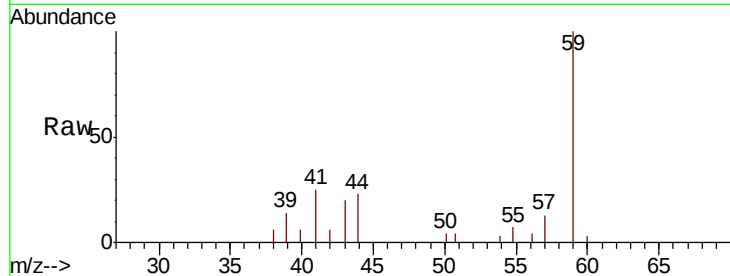




#23
tert-Butyl Alcohol
Concen: 23.164 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

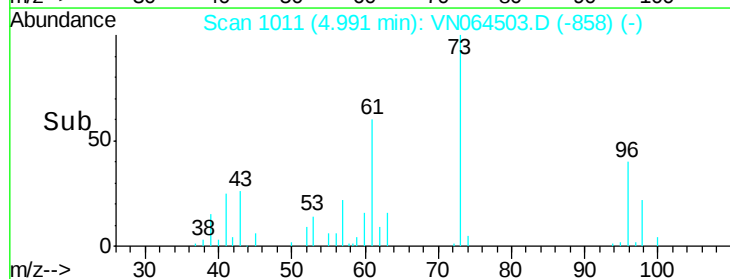
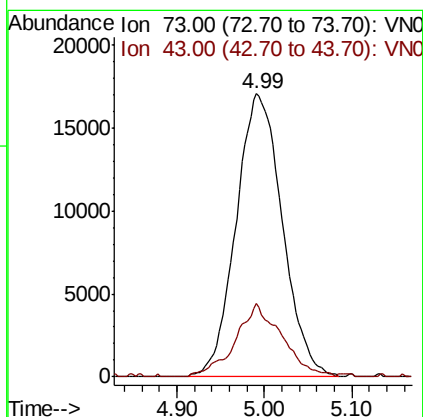
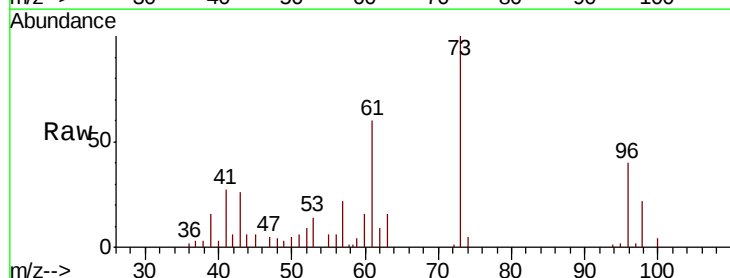
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

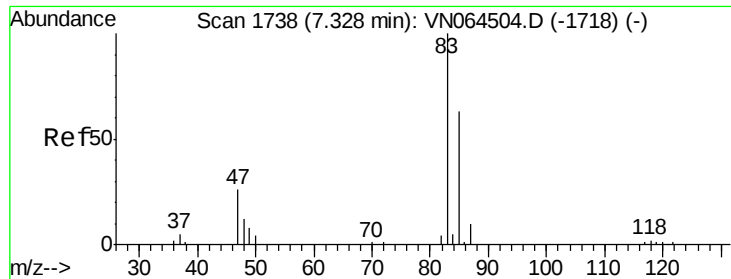
Tot Ion: 59 Resp: 16271
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 4.509 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 73 Resp: 62641
Ion Ratio Lower Upper
73 100
43 25.8 10.2 15.2#

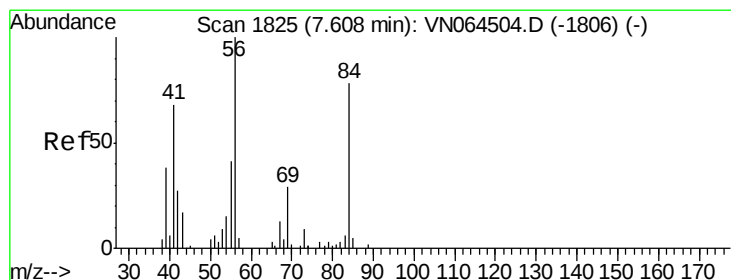
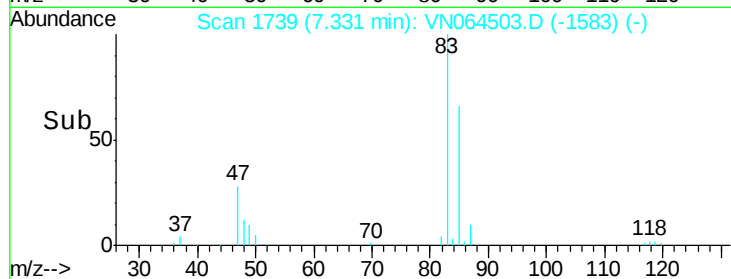
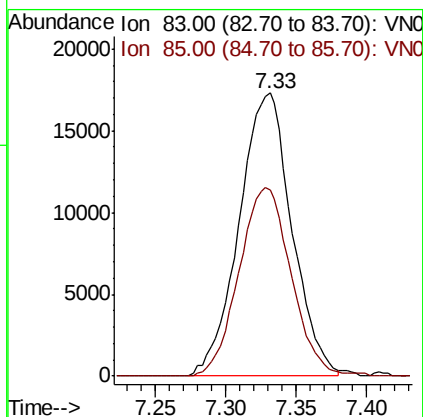
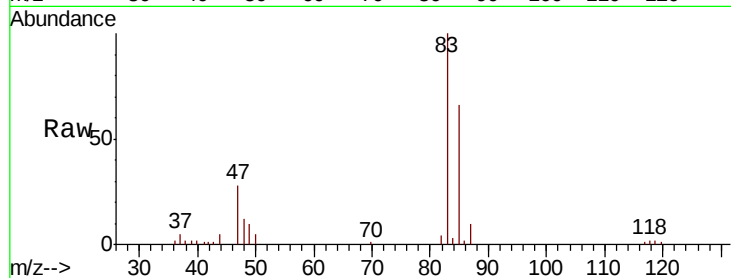




#25
Chloroform
Concen: 5.052 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

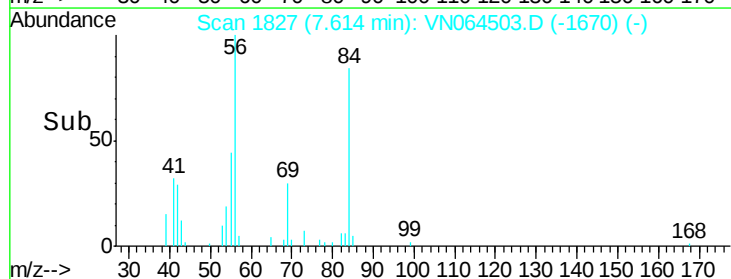
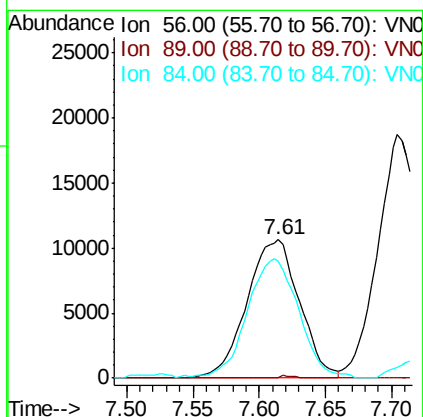
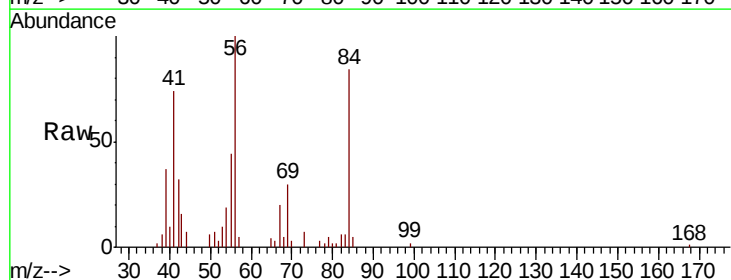
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

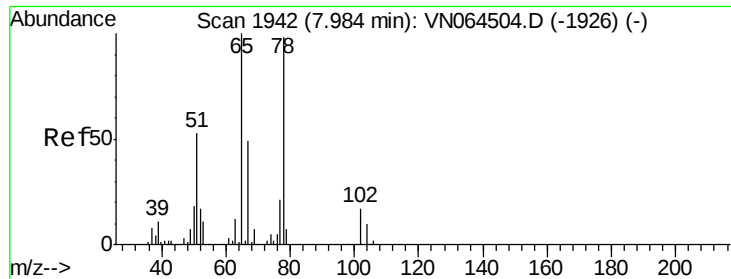
Tot Ion: 83 Resp: 45228
Ion Ratio Lower Upper
83 100
85 65.8 50.6 75.8



#26
Cyclohexane
Concen: 4.451 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 56 Resp: 29346
Ion Ratio Lower Upper
56 100
89 0.3 0.6 0.8#
84 84.4 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 32.819 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

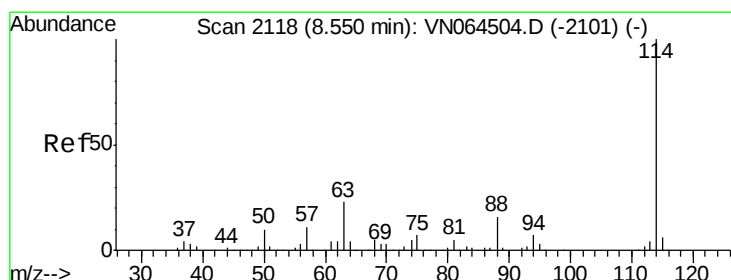
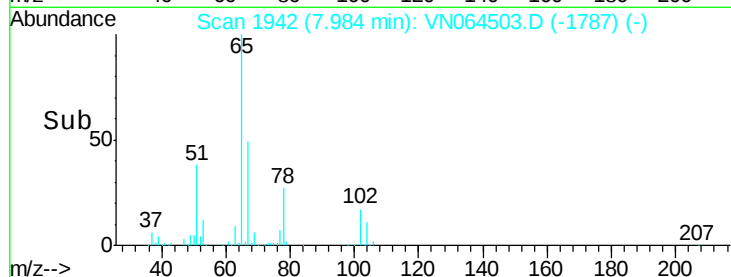
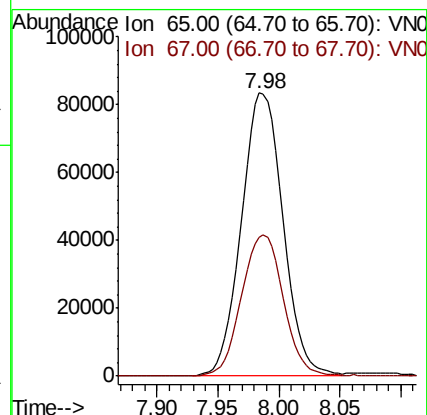
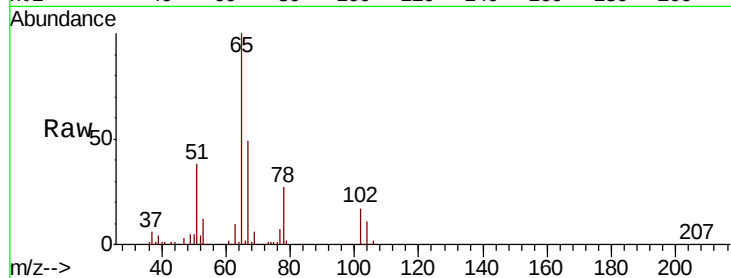
VSTDIC005

Tot Ion: 65 Resp: 197206

Ion Ratio Lower Upper

65 100

67 50.1 41.1 61.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

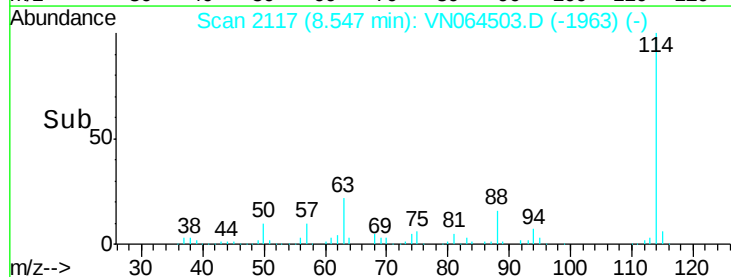
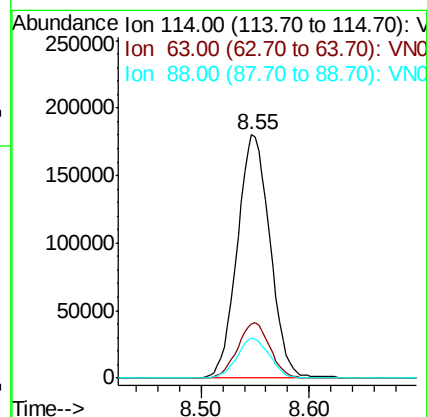
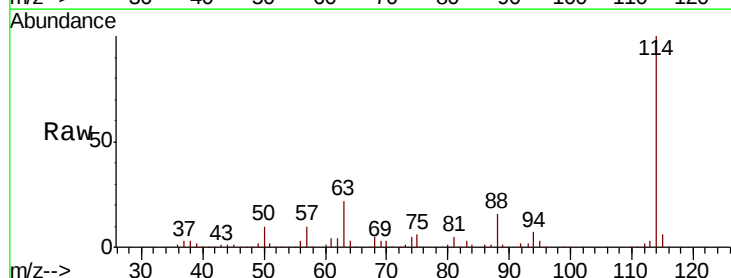
Tgt Ion: 114 Resp: 381194

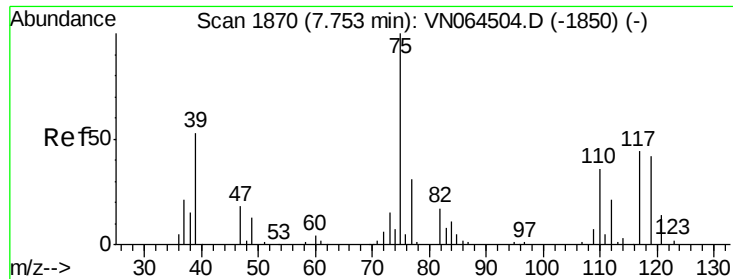
Ion Ratio Lower Upper

114 100

63 22.4 18.5 27.7

88 16.2 13.0 19.6

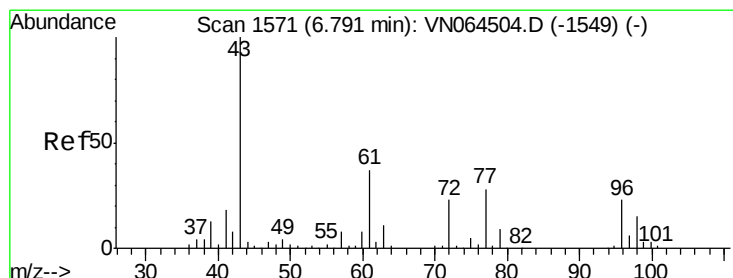
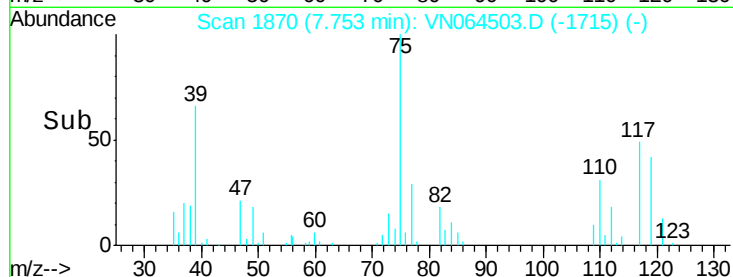
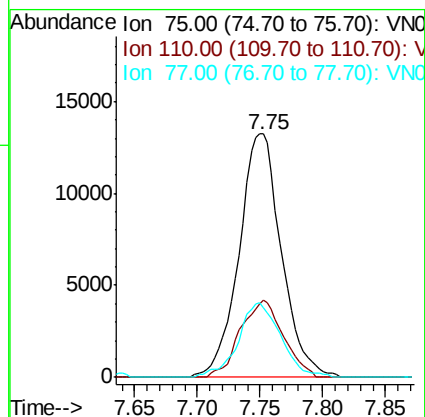
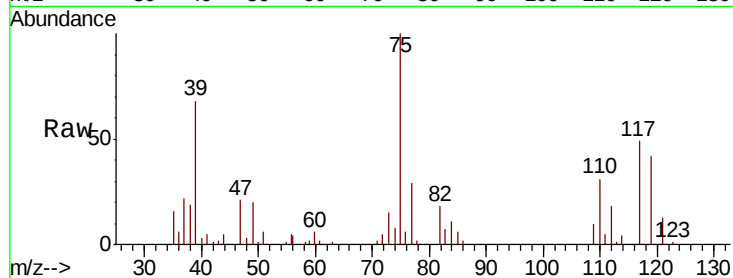




#29
 1,1-Dichloropropene
 Concen: 4.986 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

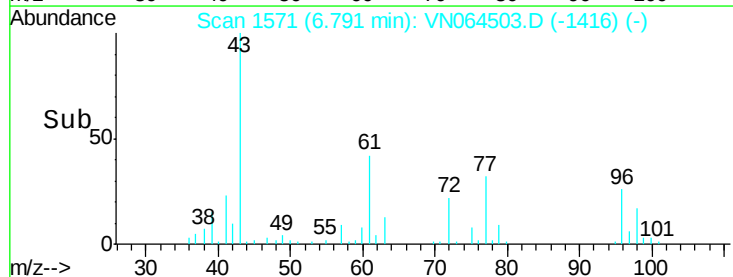
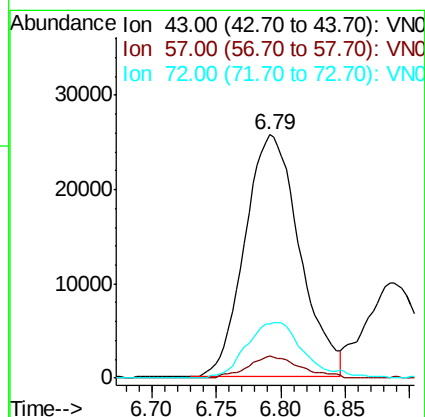
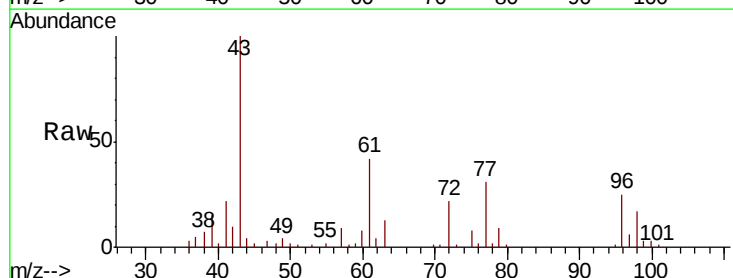
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

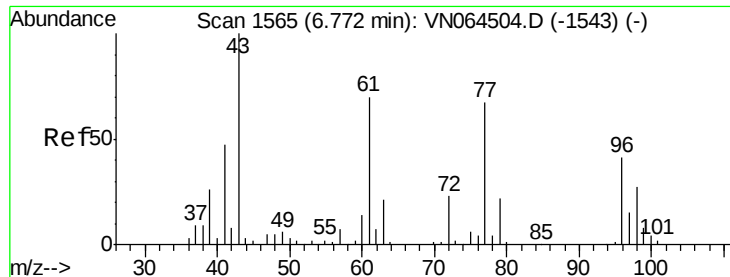
Tot Ion: 75 Resp: 31076
 Ion Ratio Lower Upper
 75 100
 110 32.2 0.0 66.4
 77 29.9 0.0 62.0



#30
 2-Butanone
 Concen: 26.676 ug/l
 RT: 6.79 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion: 43 Resp: 76060
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.2 9.4
 72 22.9 9.9 14.9#





#31

2,2-Dichloropropane

Concen: 5.066 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

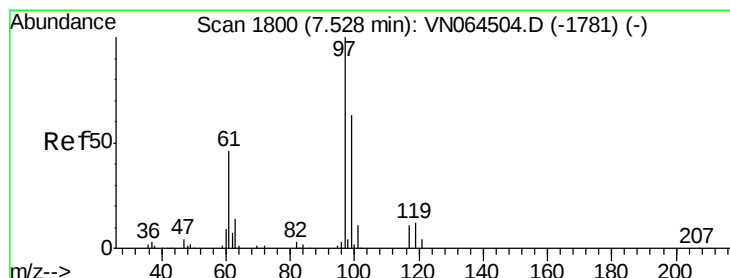
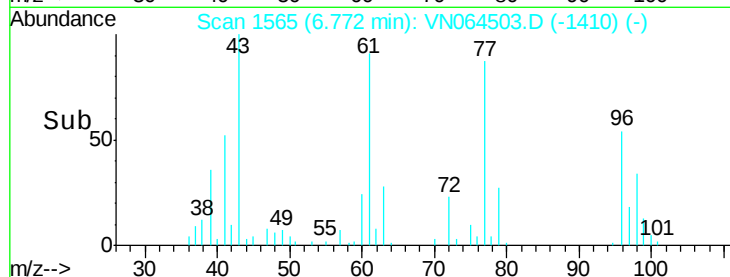
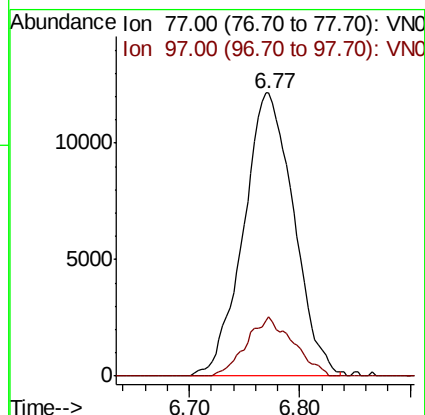
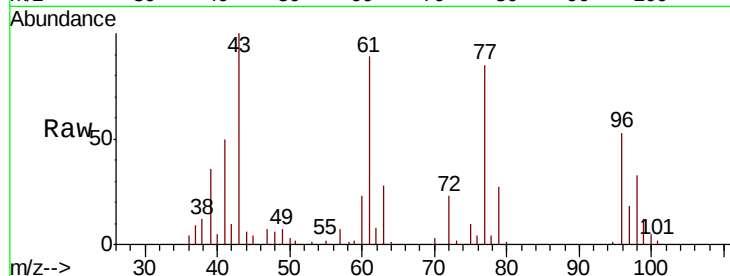
VSTDIC005

Tot Ion: 77 Resp: 38422

Ion Ratio Lower Upper

77 100

97 1.5 16.9 25.3#



#32

1,1,1-Trichloroethane

Concen: 4.949 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

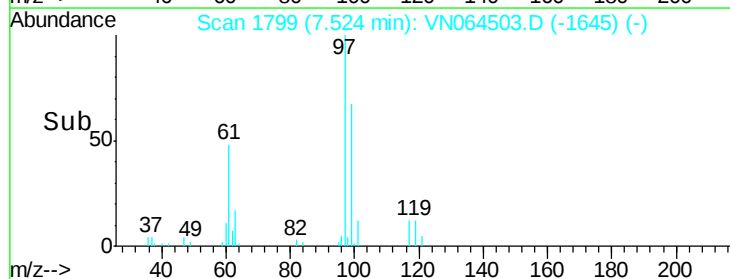
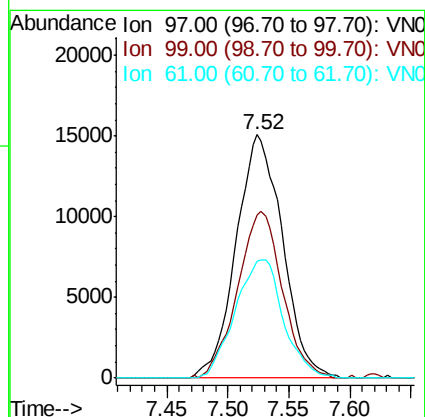
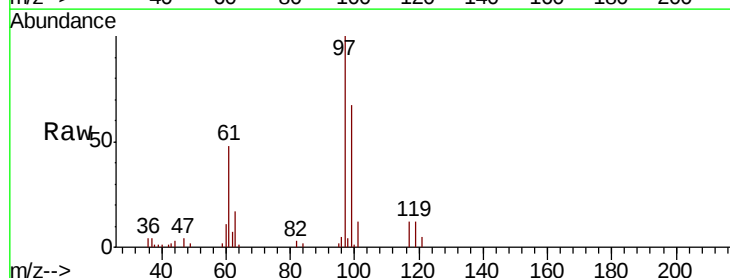
Tgt Ion: 97 Resp: 39682

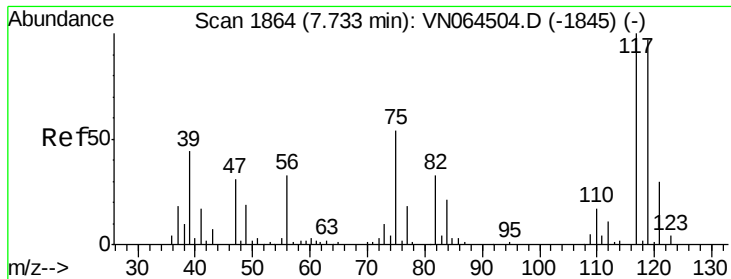
Ion Ratio Lower Upper

97 100

99 66.0 51.8 77.8

61 50.5 39.4 59.0

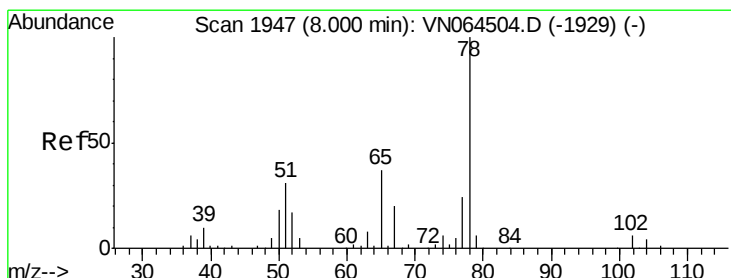
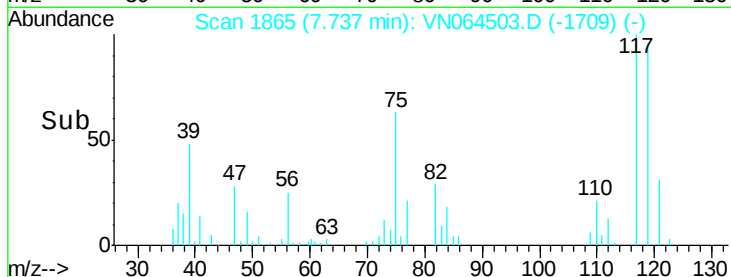
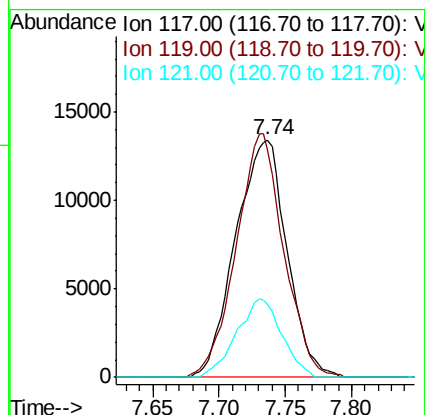
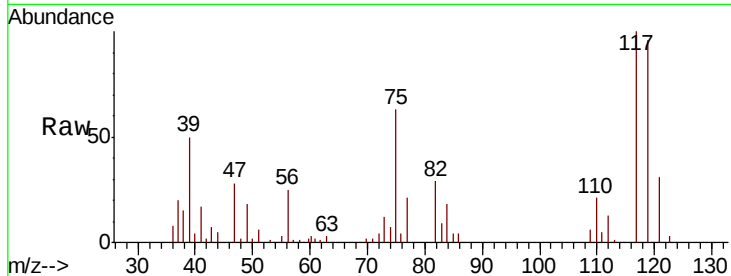




#33
Carbon Tetrachloride
Concen: 5.009 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

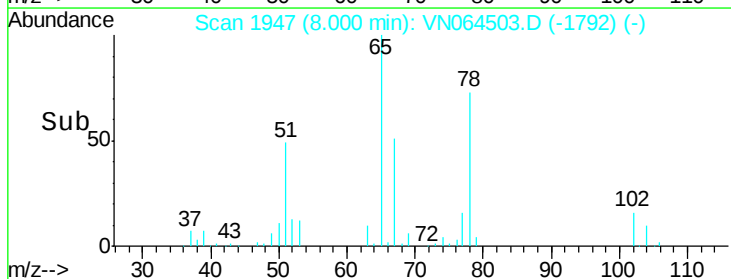
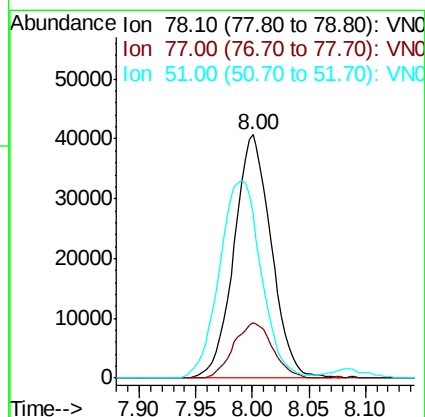
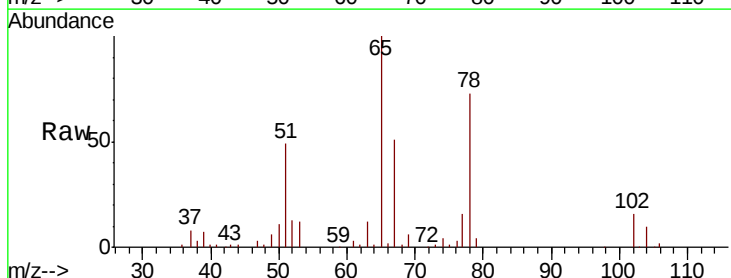
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

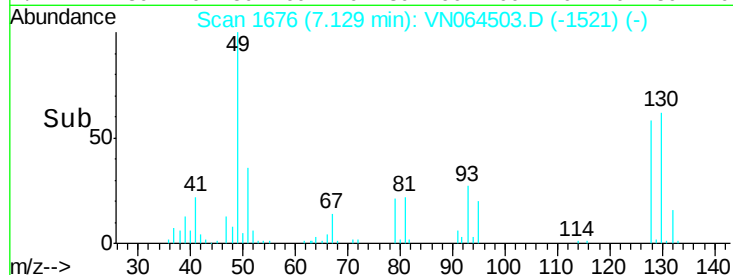
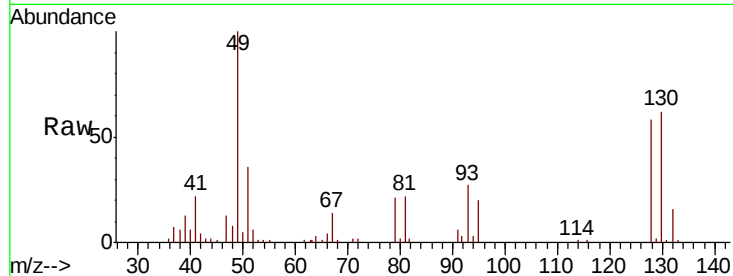
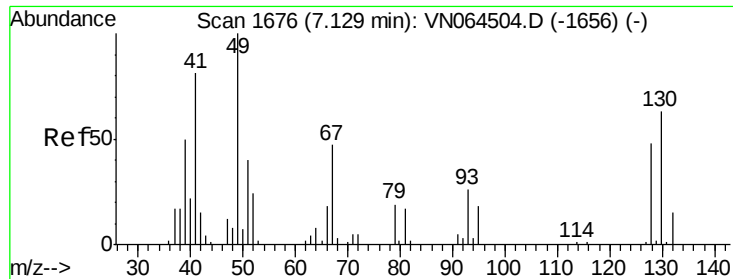
Tot Ion:117 Resp: 36140
Ion Ratio Lower Upper
117 100
119 94.6 77.9 116.9
121 31.0 24.0 36.0



#34
Benzene
Concen: 5.286 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 78 Resp: 93085
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3
51 64.6 24.6 36.8#

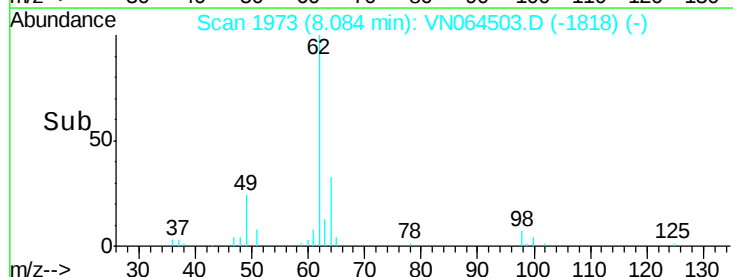
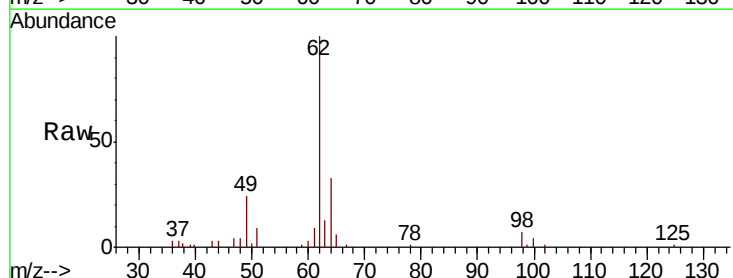
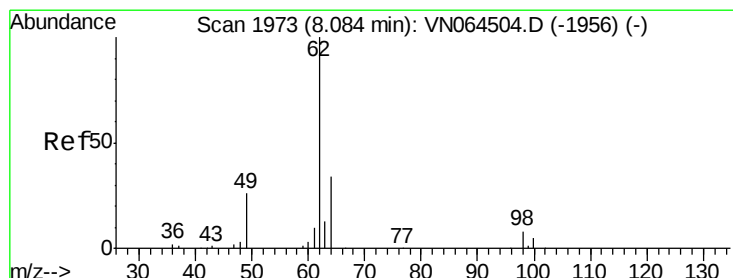
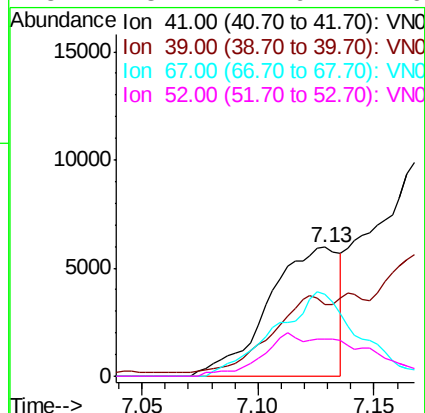




#35
Methacrylonitrile
Concen: 4.551 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

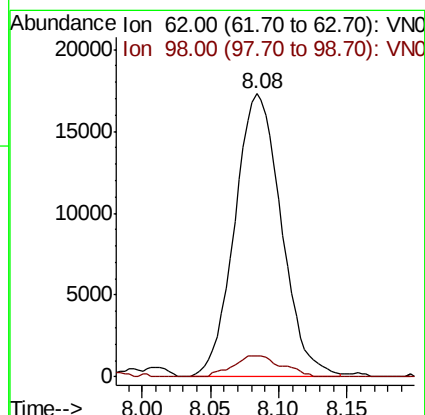
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

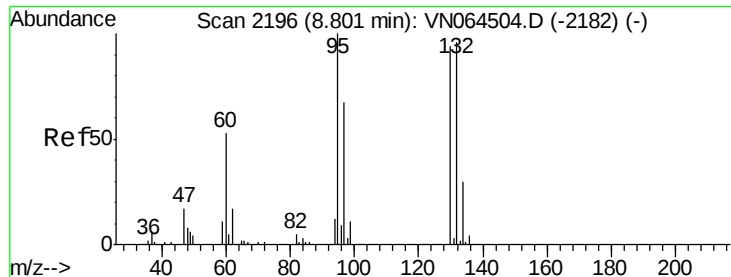
Tot Ion: 41 Resp: 12642
Ion Ratio Lower Upper
41 100
39 52.8 30.0 90.1
67 63.4 29.2 87.6
52 28.7 14.9 44.9



#36
1,2-Dichloroethane
Concen: 5.663 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 62 Resp: 41139
Ion Ratio Lower Upper
62 100
98 7.8 5.5 8.3





#37

Trichloroethene

Concen: 5.086 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

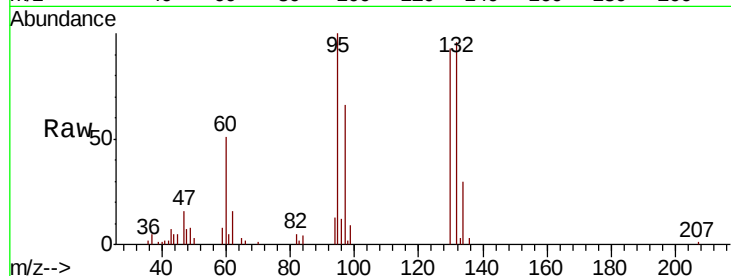
VSTDIC005

Tot Ion:130 Resp: 24702

Ion Ratio Lower Upper

130 100

95 107.8 85.1 127.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

15000

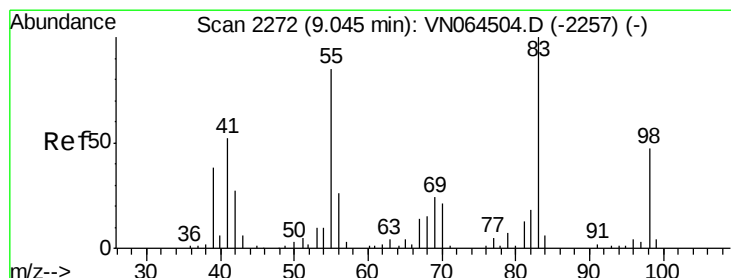
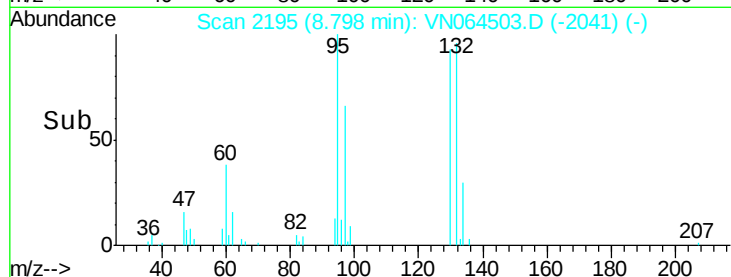
10000

5000

0

8.75 8.80 8.85

Time-->



#38

Methylcyclohexane

Concen: 4.803 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

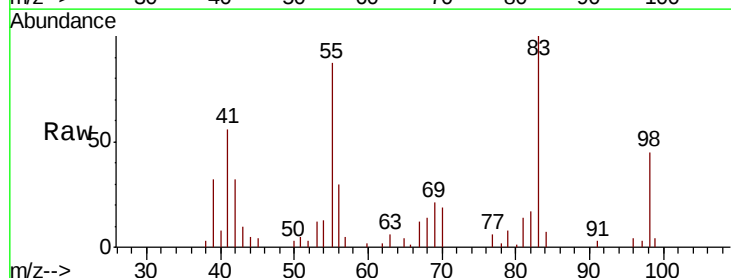
Tgt Ion: 83 Resp: 26911

Ion Ratio Lower Upper

83 100

55 88.9 42.0 126.1

98 47.5 22.5 67.5



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

15000

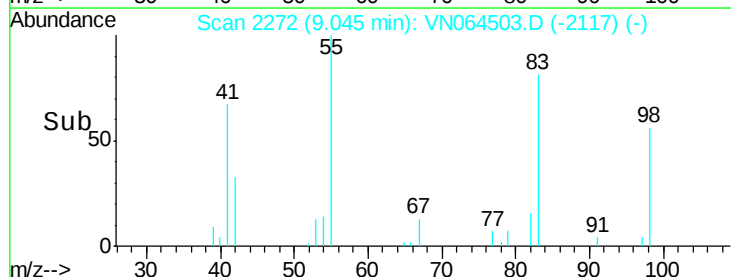
10000

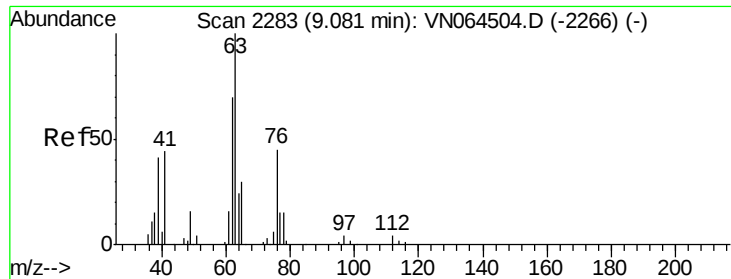
5000

0

8.95 9.00 9.05 9.10

Time-->





#39

1,2-Dichloropropane

Concen: 5.408 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

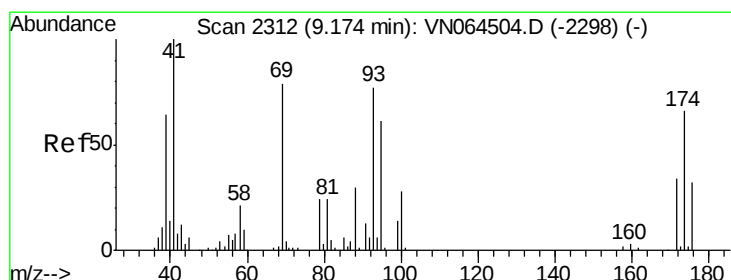
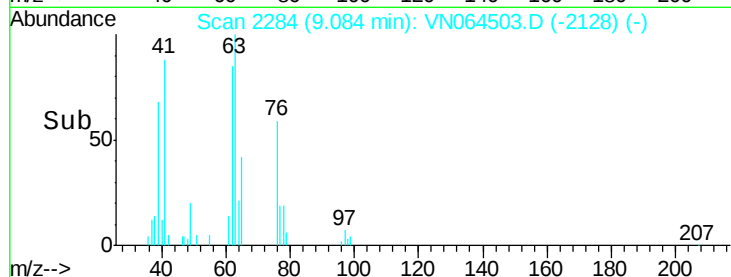
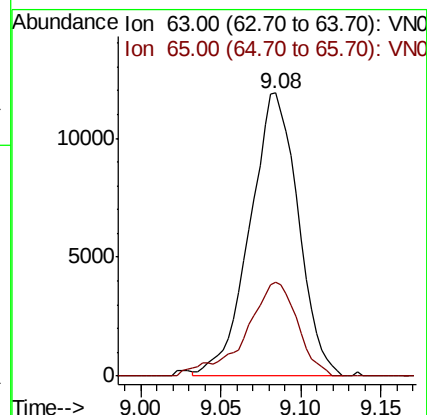
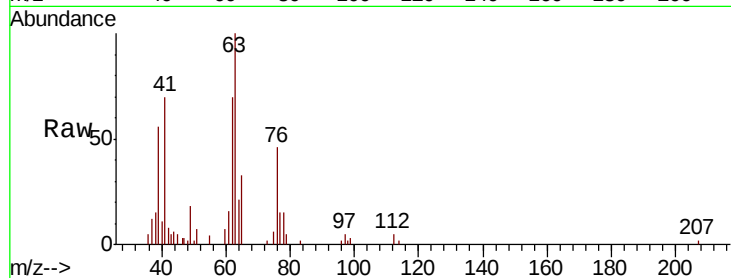
VSTDIC005

Tot Ion: 63 Resp: 24755

Ion Ratio Lower Upper

63 100

65 33.3 24.4 36.6



#40

Dibromomethane

Concen: 5.112 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

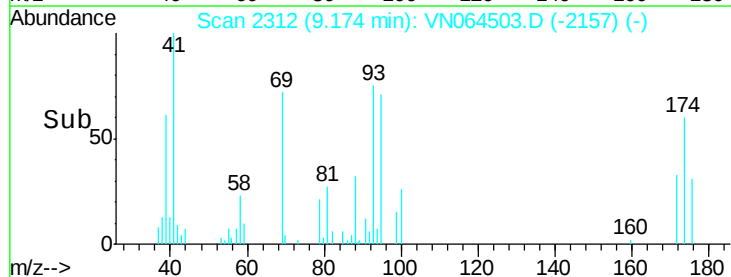
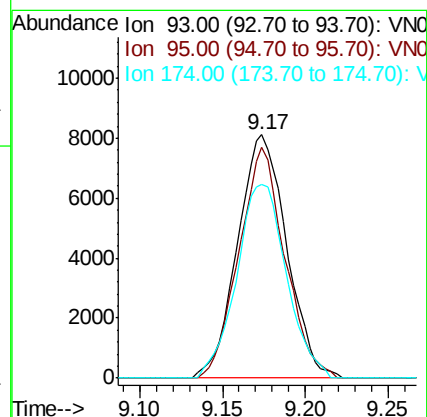
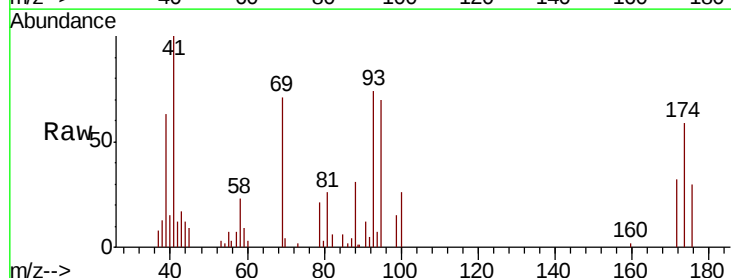
Tgt Ion: 93 Resp: 16695

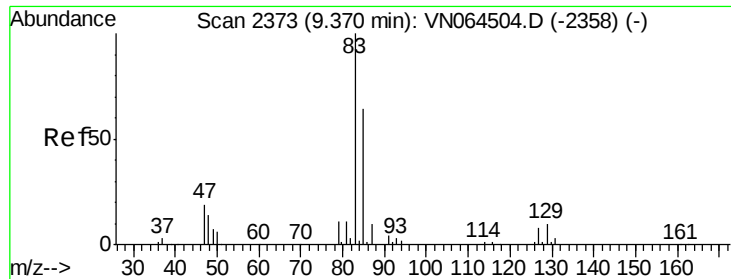
Ion Ratio Lower Upper

93 100

95 88.8 0.0 164.6

174 81.0 0.0 165.6

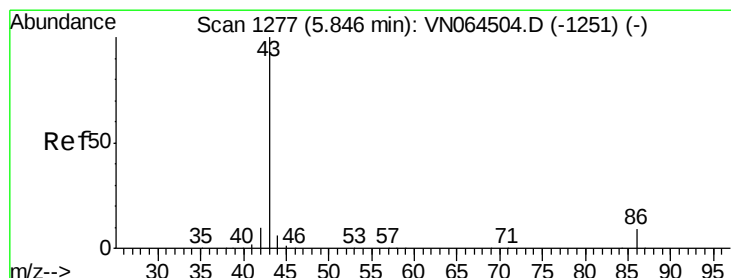
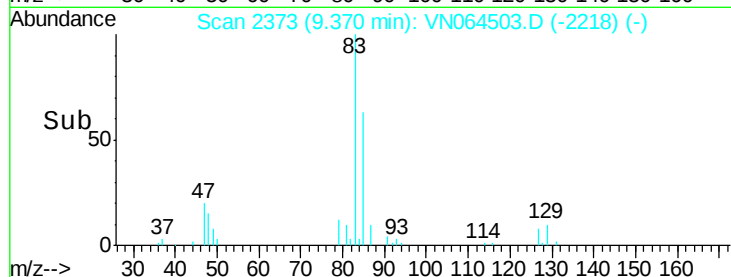
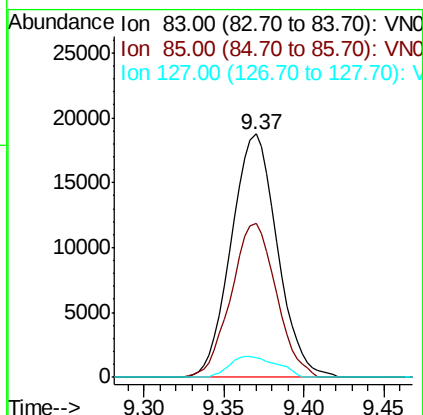
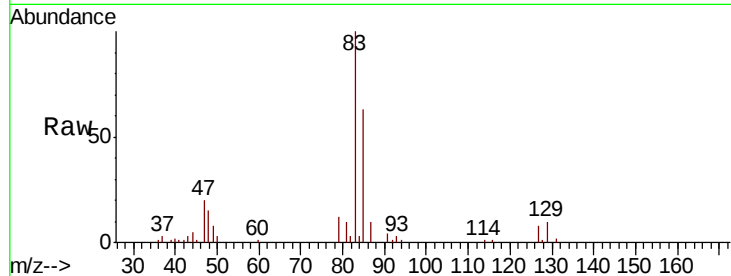




#41
Bromodichloromethane
Concen: 5.317 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

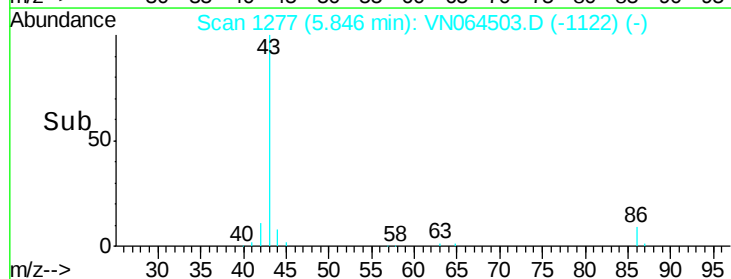
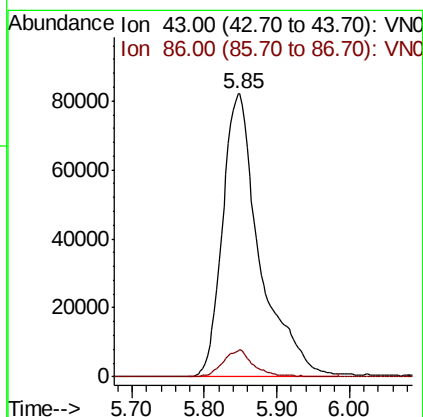
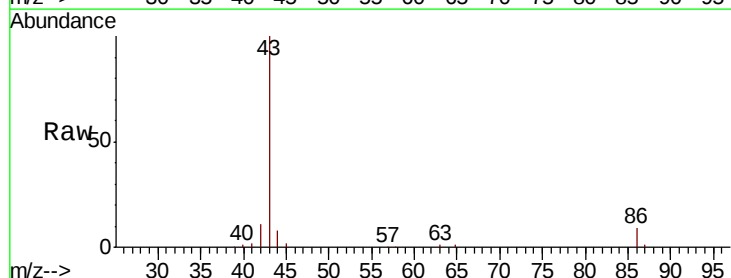
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

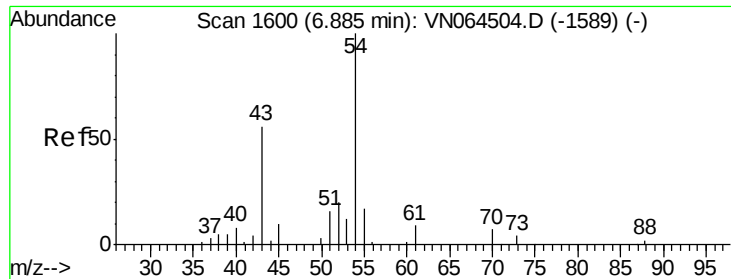
Tot Ion: 83 Resp: 36816
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4
127 9.6 6.2 9.4#



#42
Vinyl Acetate
Concen: 24.446 ug/l
RT: 5.85 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 43 Resp: 291730
Ion Ratio Lower Upper
43 100
86 7.5 6.3 9.5





#43

Ethyl Acetate

Concen: 5.505 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

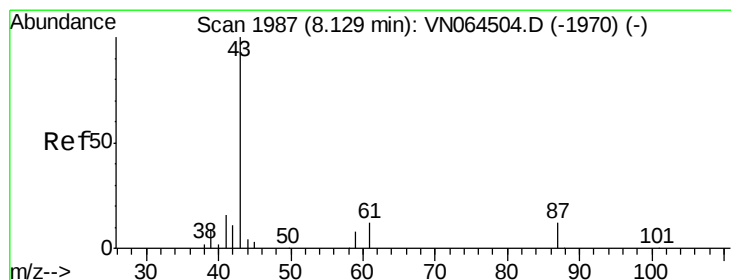
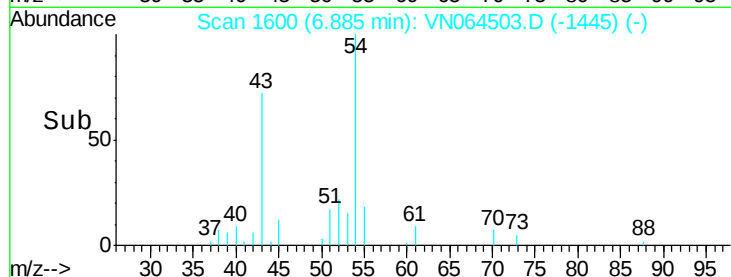
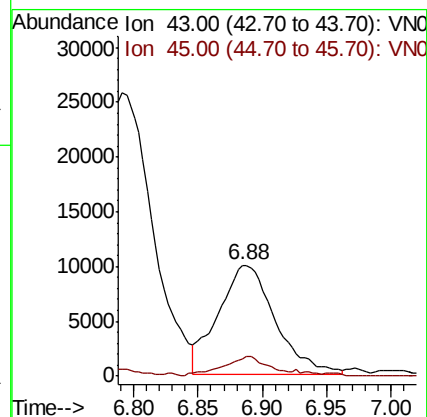
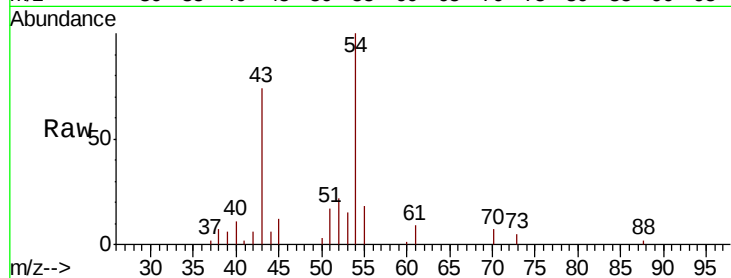
VSTDIC005

Tot Ion: 43 Resp: 30483

Ion Ratio Lower Upper

43 100

45 14.5 10.9 16.3



#44

Isopropyl Acetate

Concen: 5.311 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN064503.D

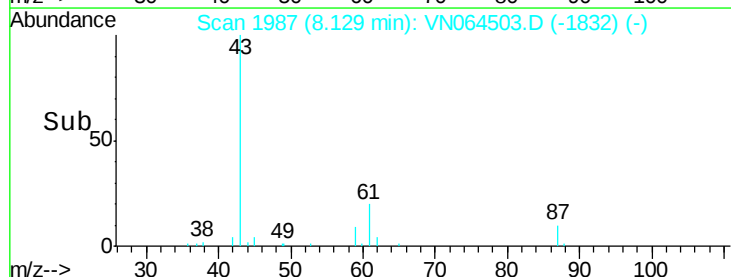
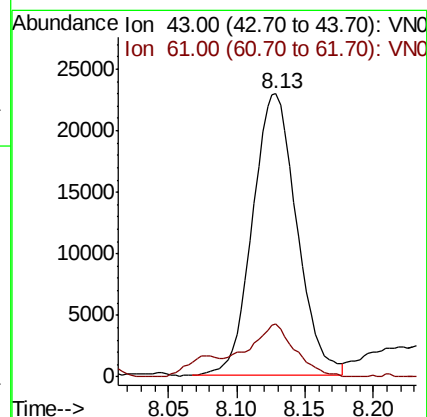
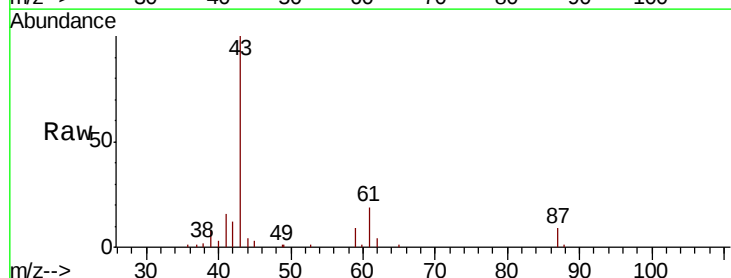
Acq: 9 Nov 2020 11:15

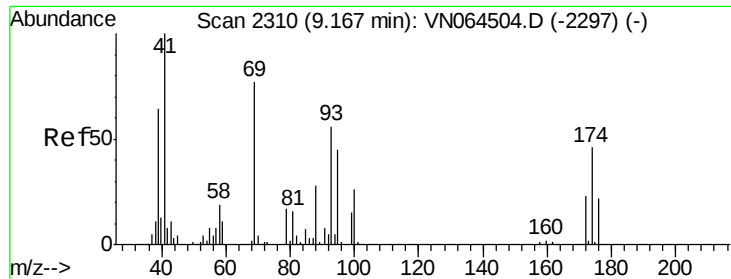
Tgt Ion: 43 Resp: 51432

Ion Ratio Lower Upper

43 100

61 16.4 13.0 19.4

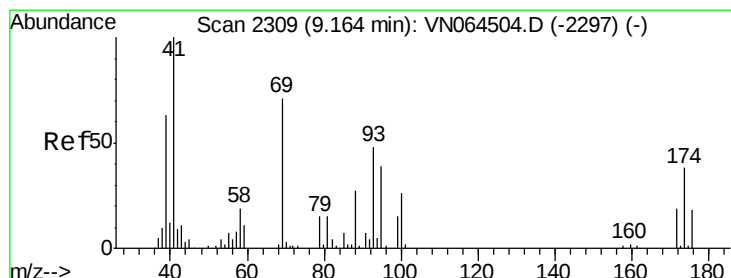
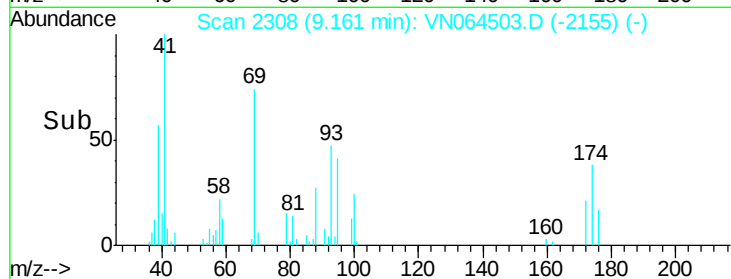
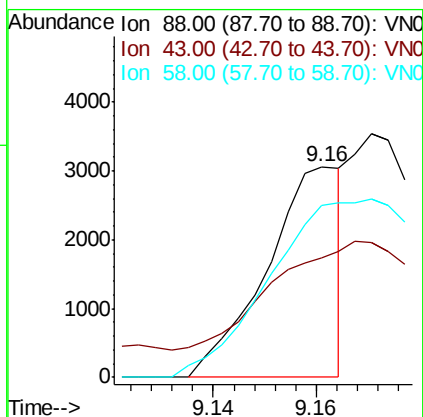
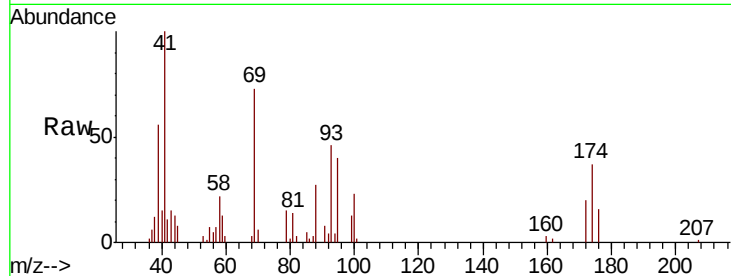




#45
 1,4-Dioxane
 Concen: 44.852 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

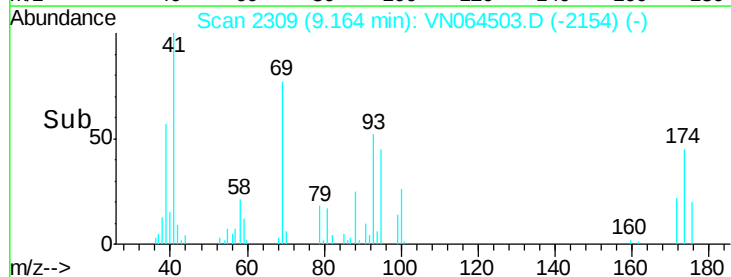
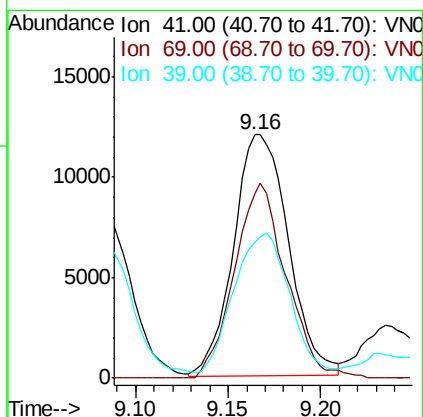
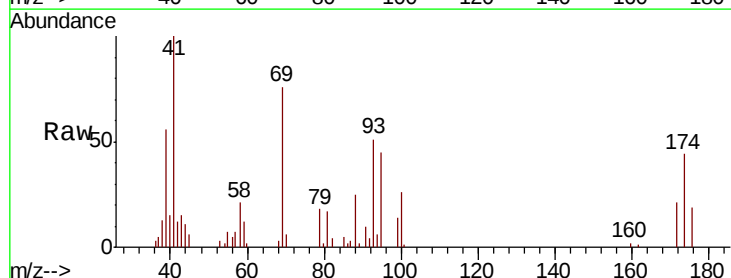
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

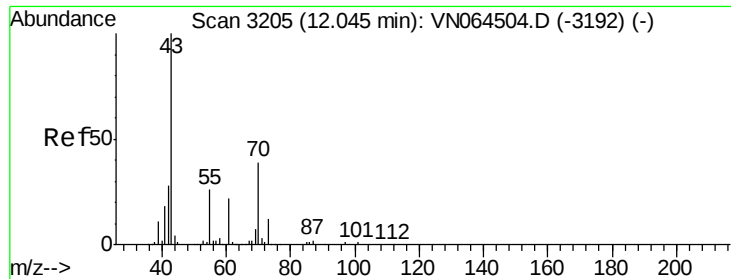
Tot Ion: 88 Resp: 3103
 Ion Ratio Lower Upper
 88 100
 43 112.0 30.6 46.0#
 58 0.0 57.9 86.9#



#46
 Methyl methacrylate
 Concen: 5.169 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion: 41 Resp: 24734
 Ion Ratio Lower Upper
 41 100
 69 77.6 35.4 106.2
 39 54.2 31.6 94.7

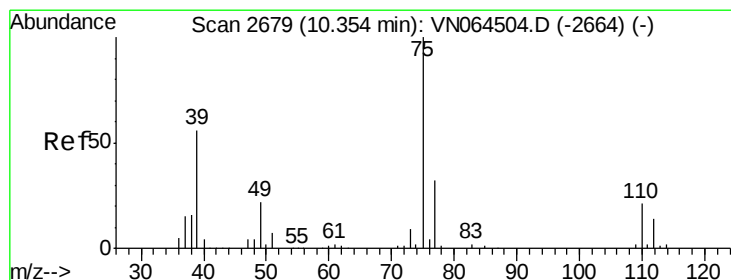
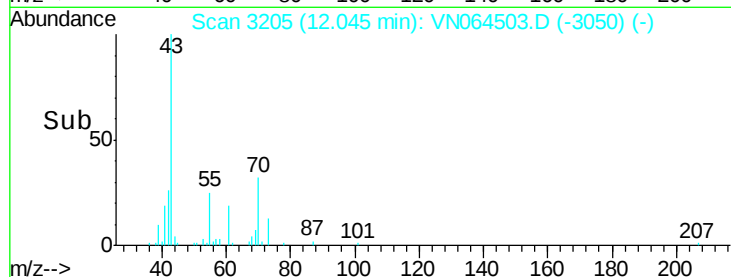
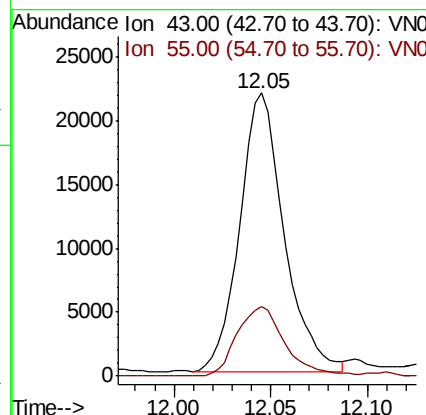
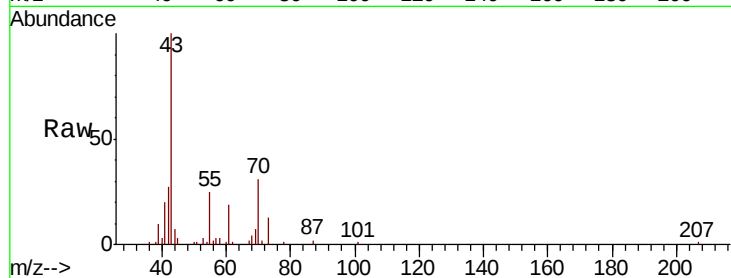




#47
n-amvl Acetate
Concen: 4.226 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

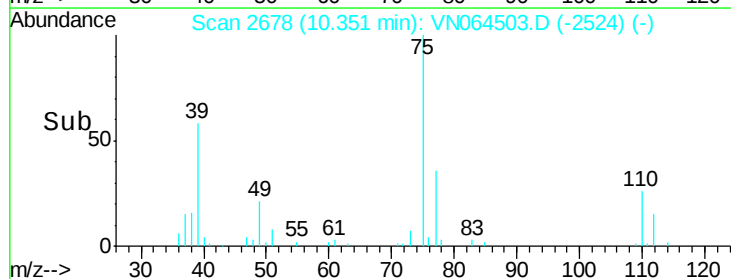
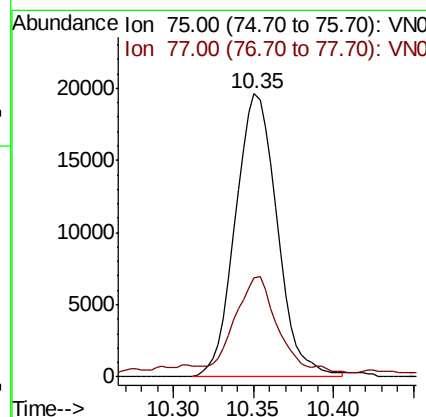
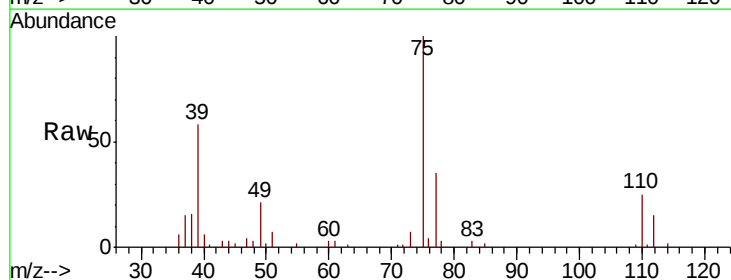
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

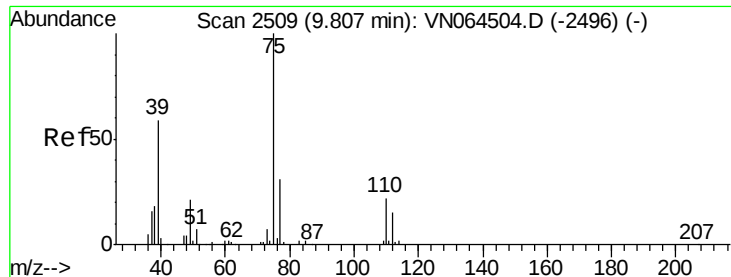
Tot Ion: 43 Resp: 34893
Ion Ratio Lower Upper
43 100
55 26.7 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 4.612 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 75 Resp: 35035
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.6





#49

cis-1,3-Dichloropropene

Concen: 4.930 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

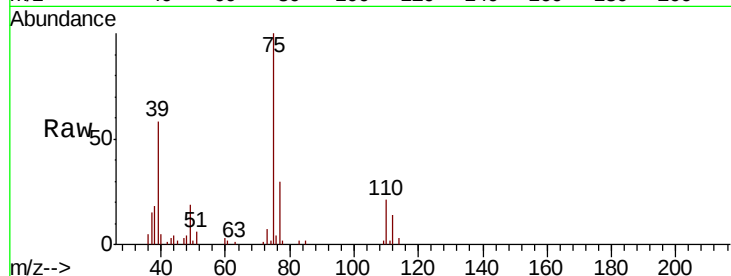
Tot Ion: 75 Resp: 38720

Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

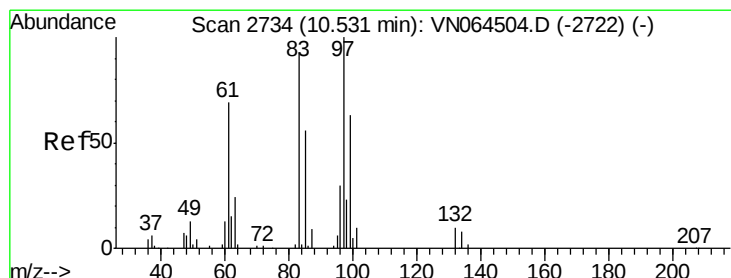
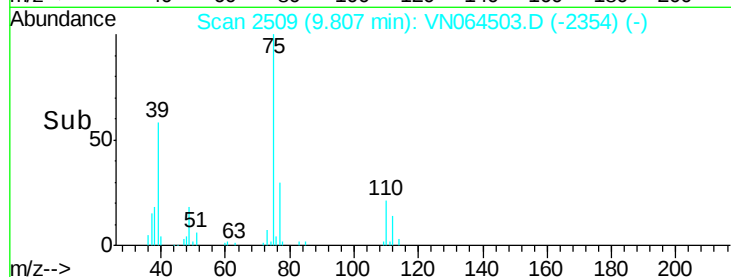
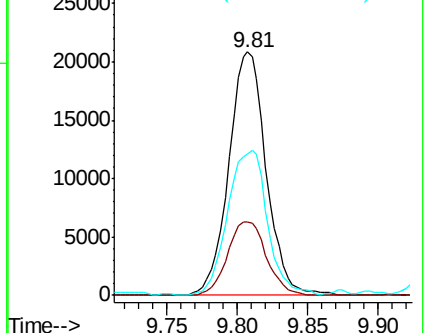
39 58.2 47.4 71.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 5.405 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Tgt Ion: 97 Resp: 23656

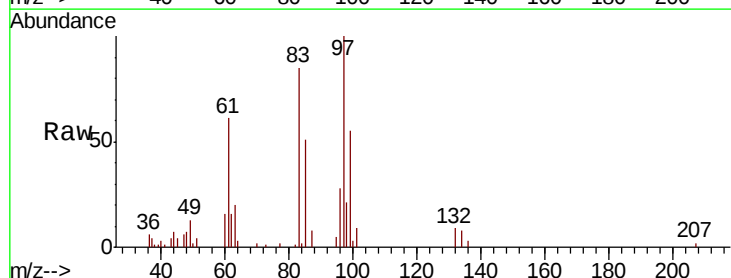
Ion Ratio Lower Upper

97 100

83 84.8 74.2 111.4

85 51.4 44.8 67.2

99 55.4 50.5 75.7

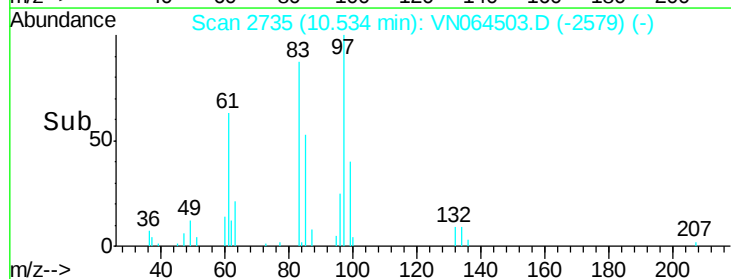
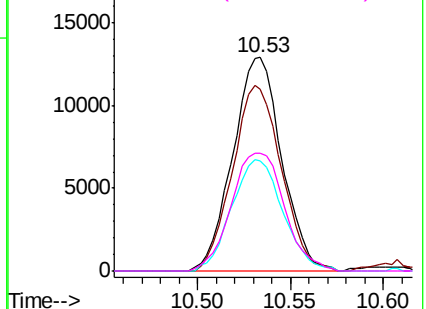


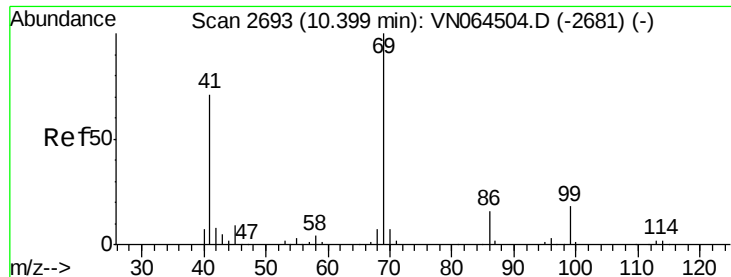
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 4.212 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

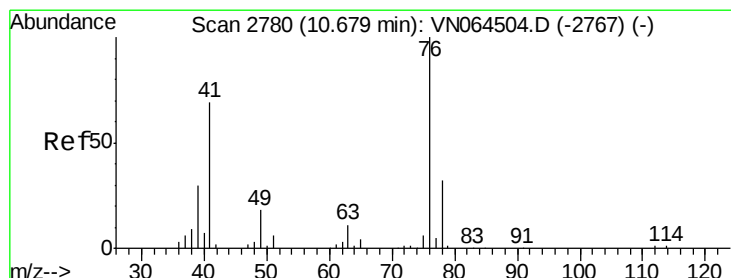
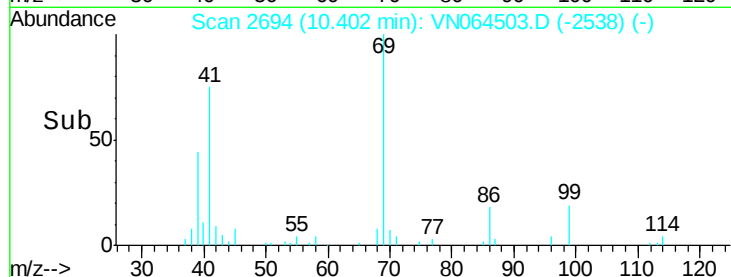
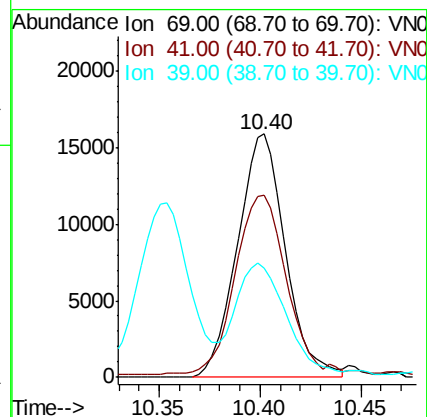
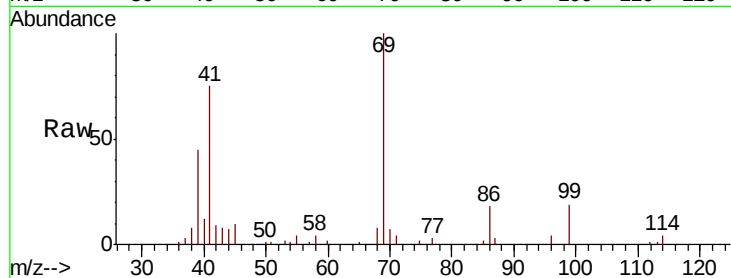
Tot Ion: 69 Resp: 26429

Ion Ratio Lower Upper

69 100

41 72.7 35.4 106.1

39 42.7 24.1 72.2



#52

1,3-Dichloropropane

Concen: 5.344 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064503.D

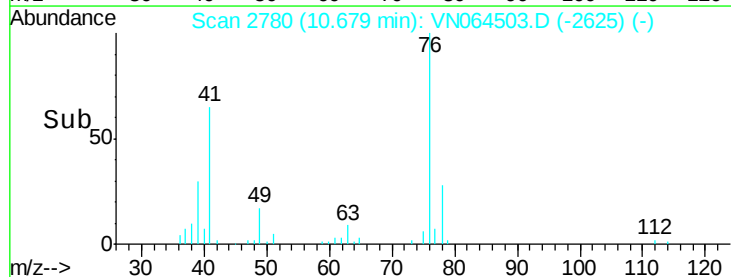
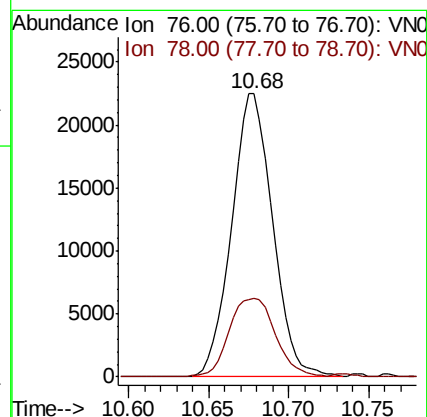
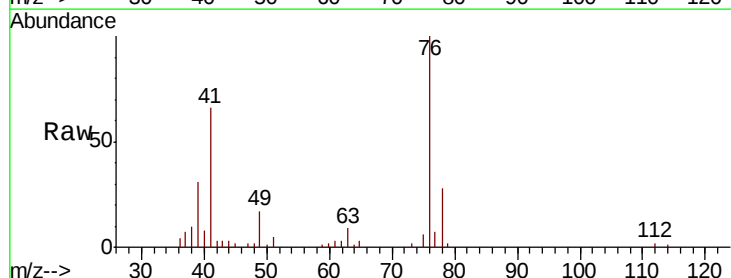
Acq: 9 Nov 2020 11:15

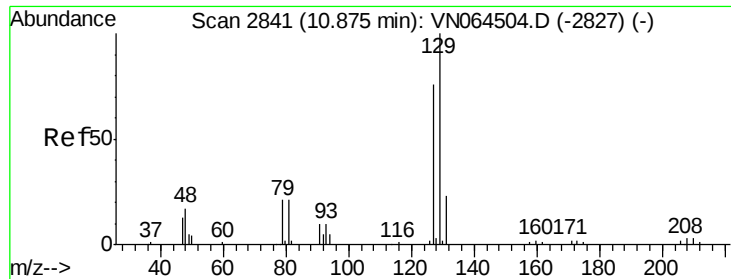
Tgt Ion: 76 Resp: 39392

Ion Ratio Lower Upper

76 100

78 31.4 0.0 65.2





#53

Dibromochloromethane

Concen: 4.709 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

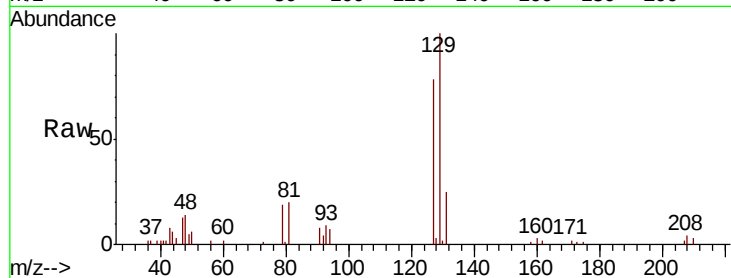
VSTDIC005

Tot Ion:129 Resp: 25157

Ion Ratio Lower Upper

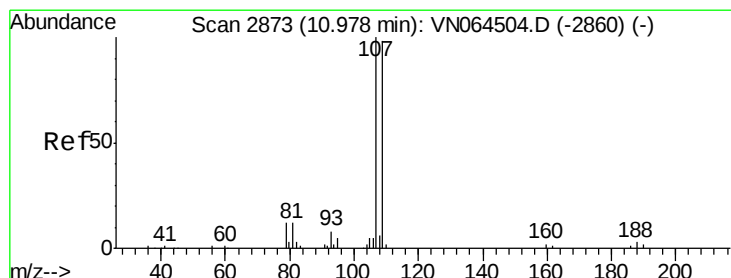
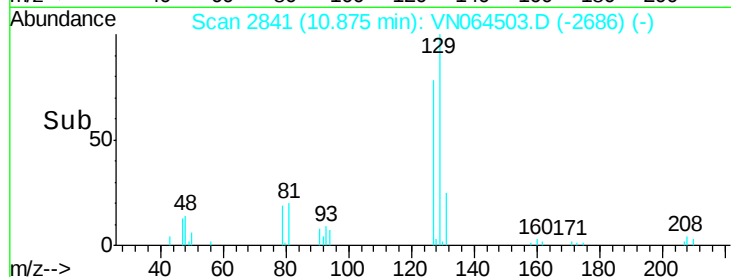
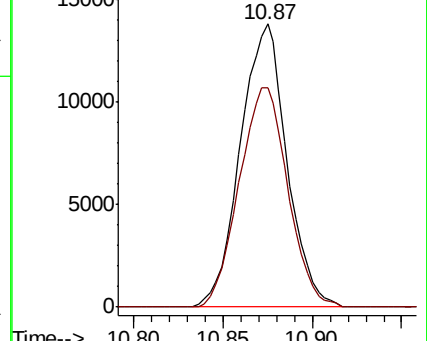
129 100

127 81.2 39.1 117.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.806 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064503.D

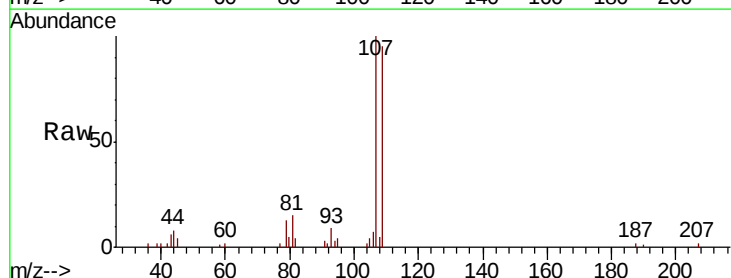
Acq: 9 Nov 2020 11:15

Tgt Ion:107 Resp: 22281

Ion Ratio Lower Upper

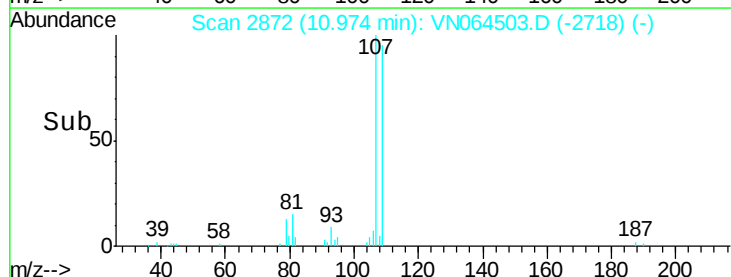
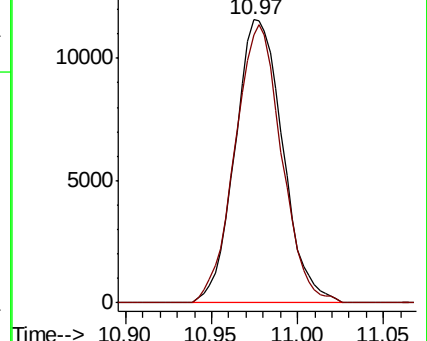
107 100

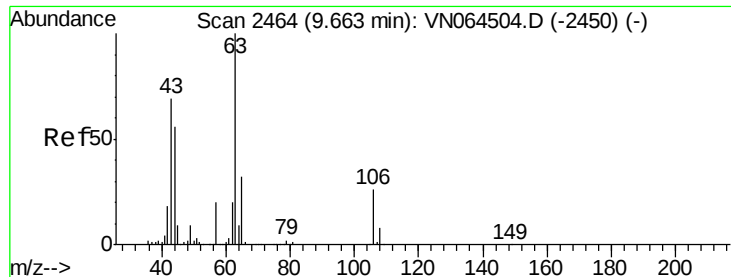
109 95.9 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 21.011 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

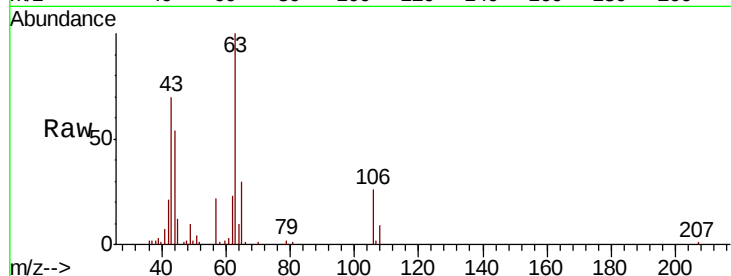
Tot Ion: 63 Resp: 71811

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5

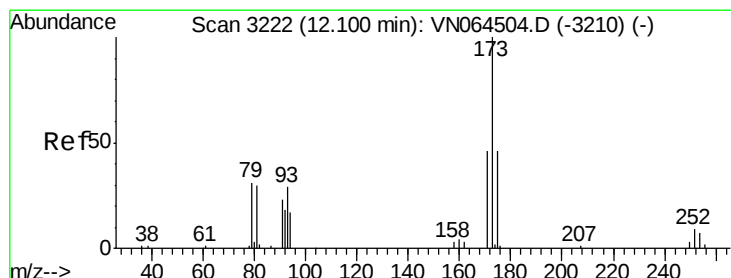
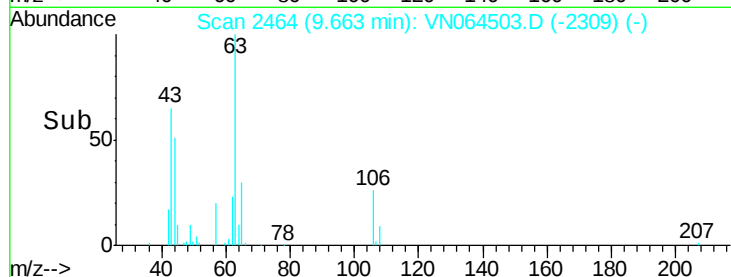
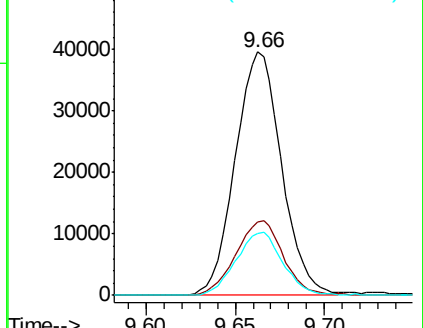
106 26.0 19.9 29.9



Abundance Ion 63.00 (62.70 to 63.70): VN064503.D (-2309) (-)

Ion 65.00 (64.70 to 65.70): VN064503.D (-2309) (-)

Ion 106.00 (105.70 to 106.70): VN064503.D (-2309) (-)



#56

Bromoform

Concen: 4.113 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

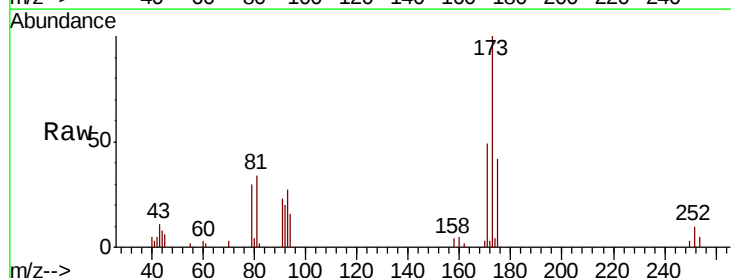
Tgt Ion: 173 Resp: 15418

Ion Ratio Lower Upper

173 100

175 44.3 37.1 55.7

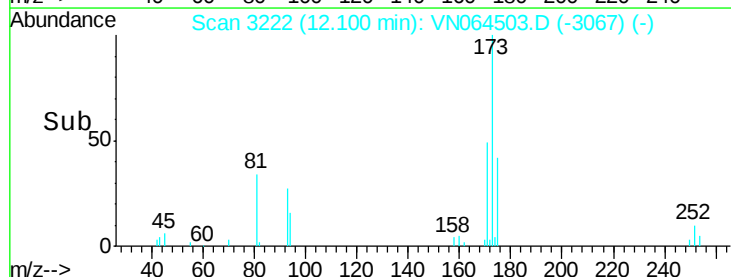
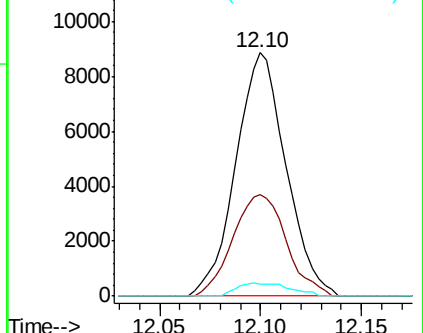
254 5.7 5.4 8.2

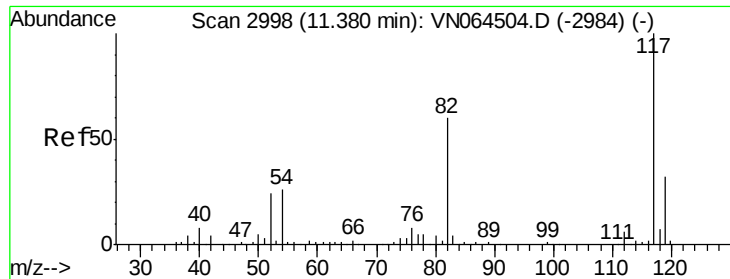


Abundance Ion 173.00 (172.70 to 173.70): VN064503.D (-3067) (-)

Ion 175.00 (174.70 to 175.70): VN064503.D (-3067) (-)

Ion 254.00 (253.70 to 254.70): VN064503.D (-3067) (-)

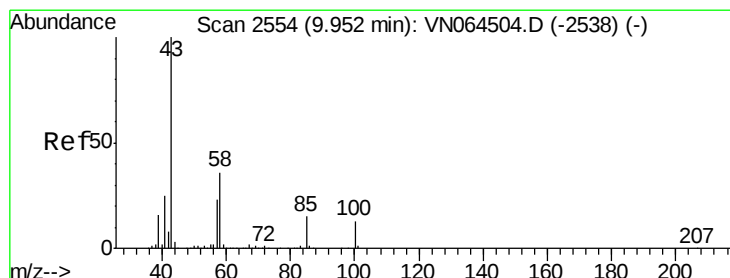
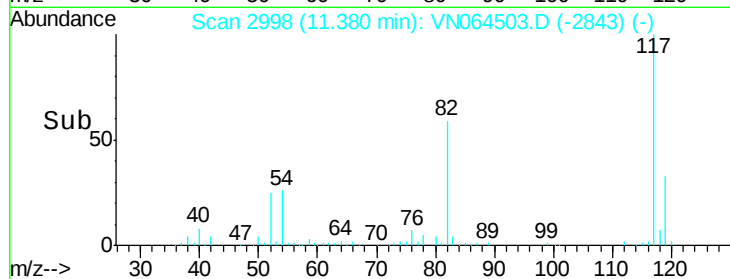
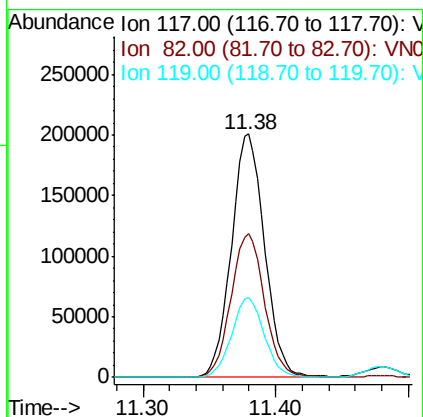
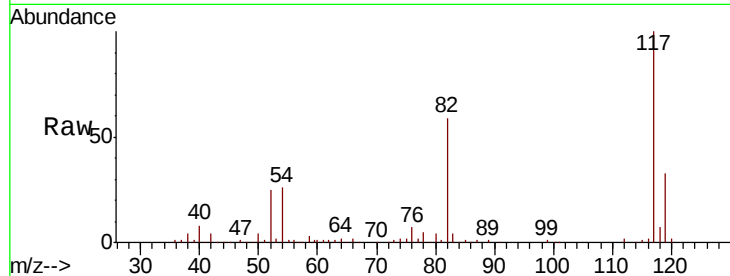




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

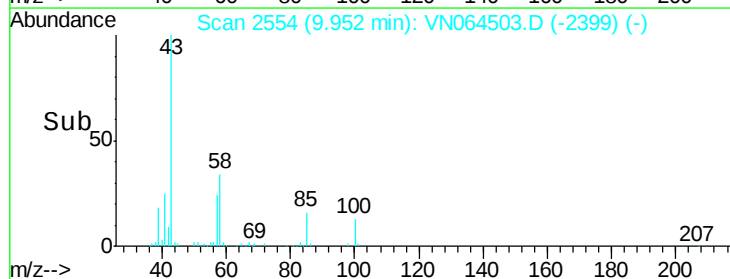
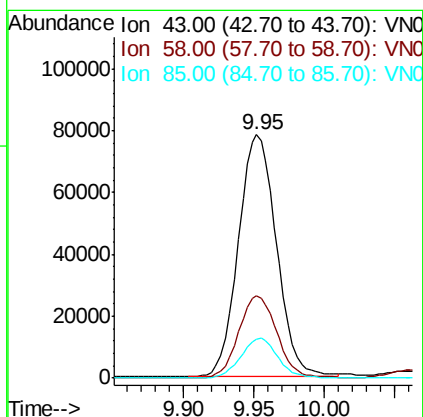
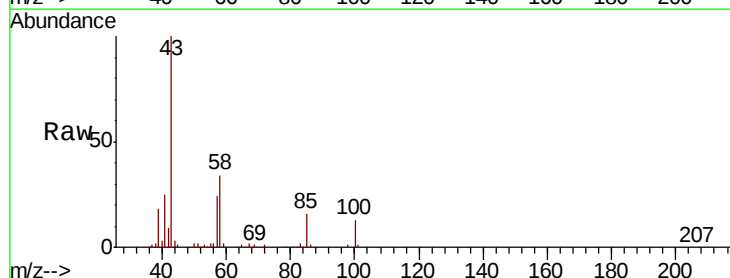
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

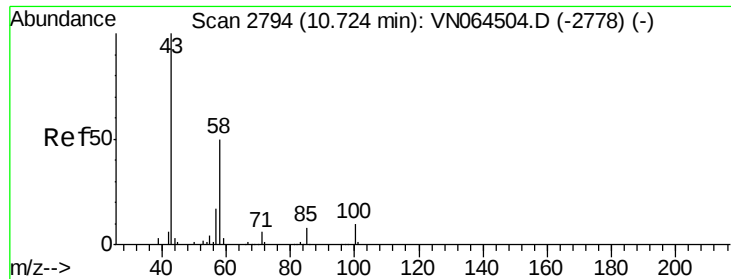
Tot Ion:117 Resp: 349104
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 26.139 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 43 Resp: 147887
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2
85 16.0 12.3 18.5

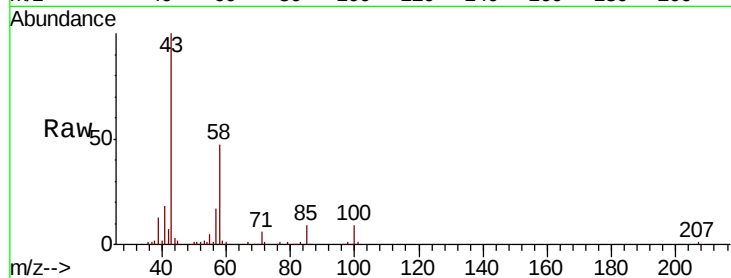




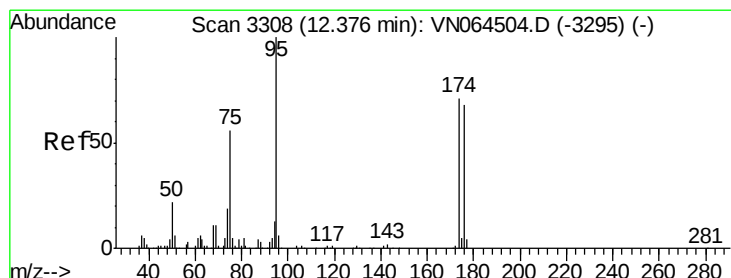
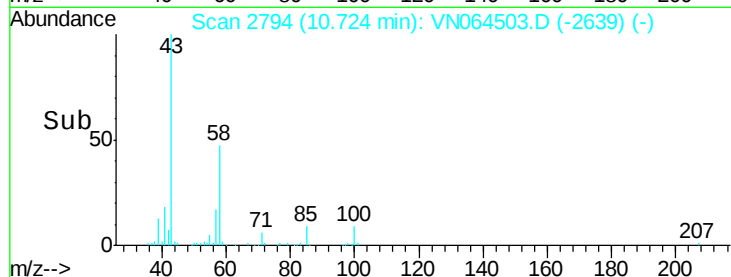
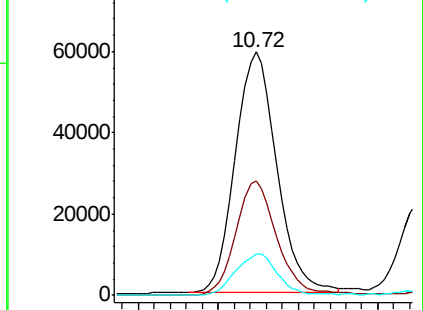
#59
2-Hexanone
Concen: 25.144 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 105569
Ion Ratio Lower Upper
43 100
58 47.5 38.2 57.4
57 17.2 13.8 20.8

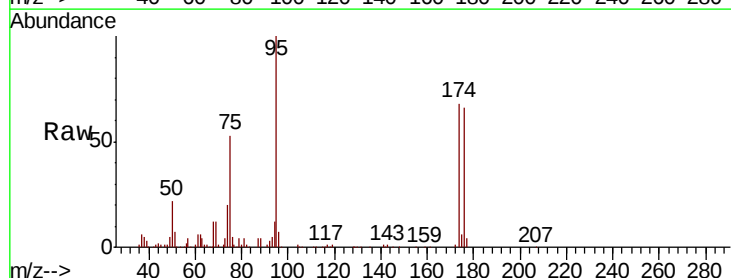


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

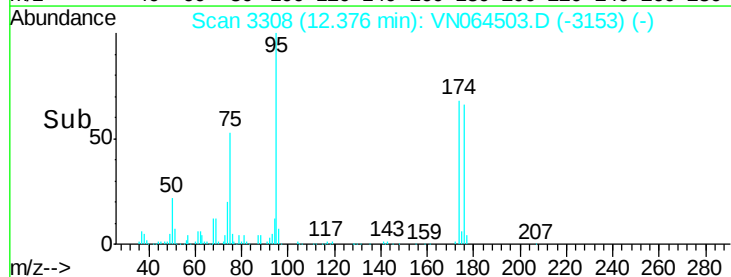
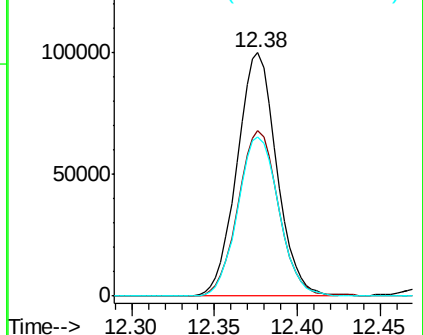


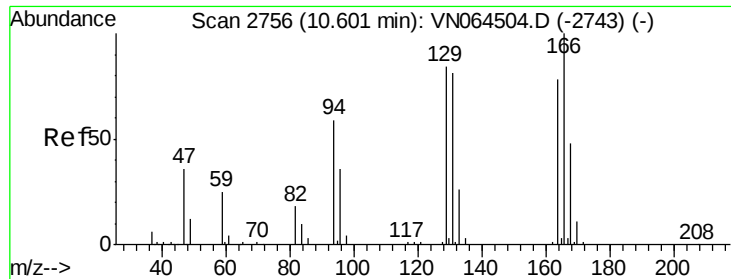
#60
4-Bromofluorobenzene
Concen: 28.067 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 95 Resp: 166694
Ion Ratio Lower Upper
95 100
174 69.5 56.4 84.6
176 67.7 53.3 79.9



Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

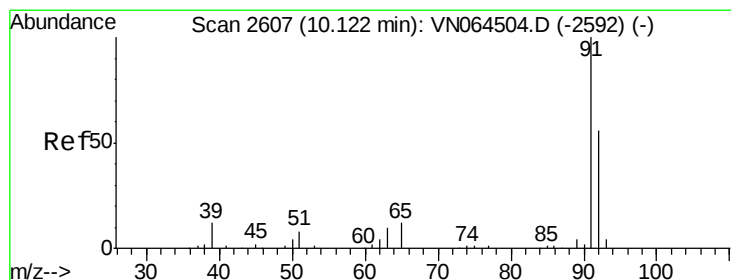
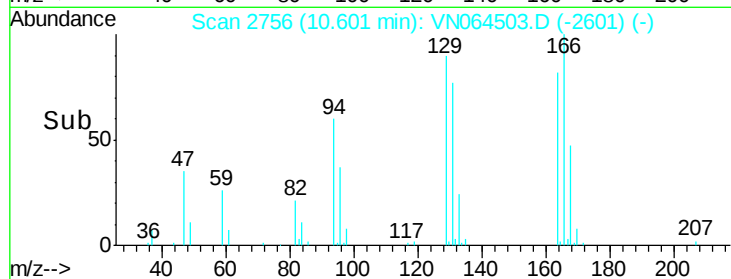
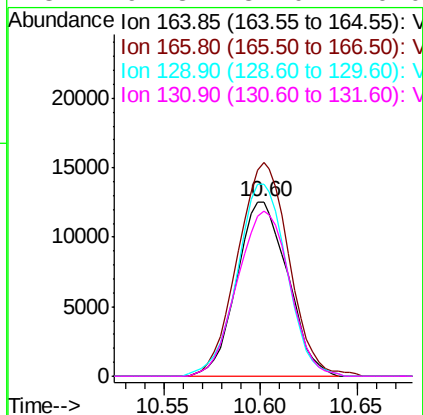
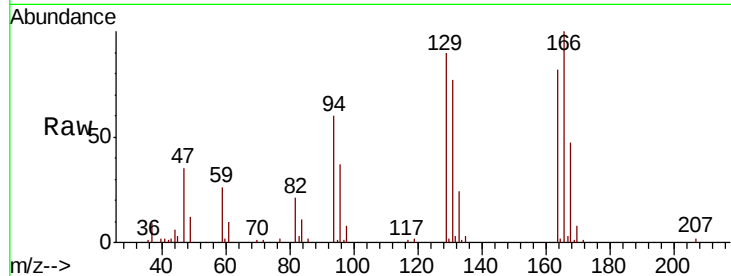




#61
Tetrachloroethene
Concen: 4.944 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

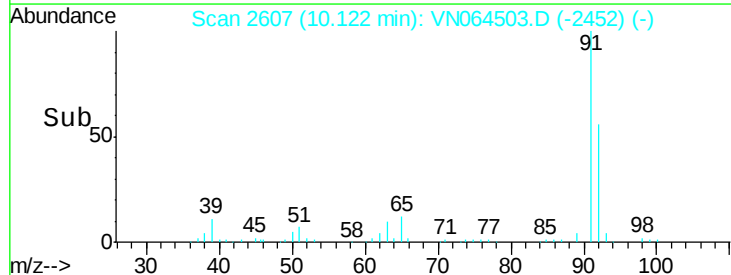
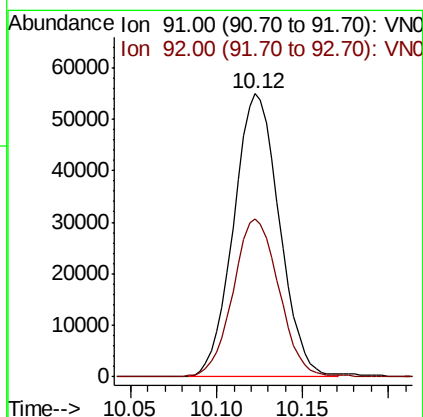
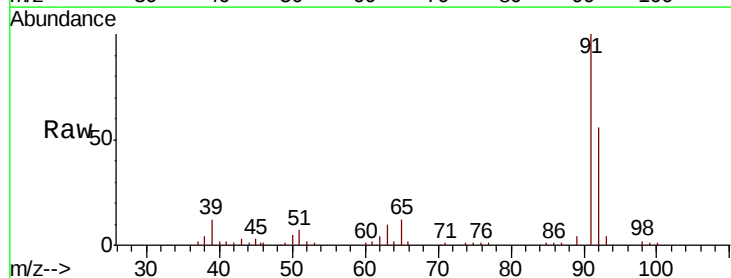
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

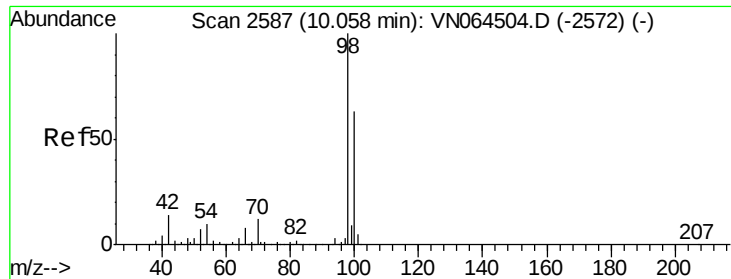
Tot Ion:164 Resp: 23004
Ion Ratio Lower Upper
164 100
166 122.4 103.2 154.8
129 109.1 86.4 129.6
131 94.3 84.0 126.0



#62
Toluene
Concen: 5.149 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 91 Resp: 101349
Ion Ratio Lower Upper
91 100
92 56.1 45.4 68.2





#63

Toluene-d8

Concen: 31.454 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

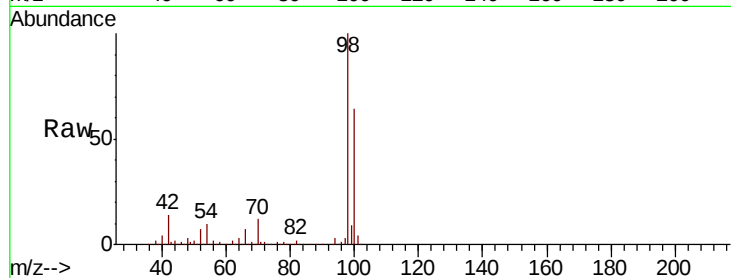
VSTDIC005

Tot Ion: 98 Resp: 497442

Ion Ratio Lower Upper

98 100

100 62.8 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN064503.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064503.D (-2572) (-)

10.06

300000

250000

200000

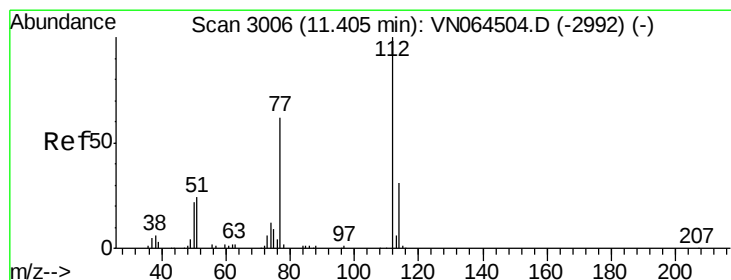
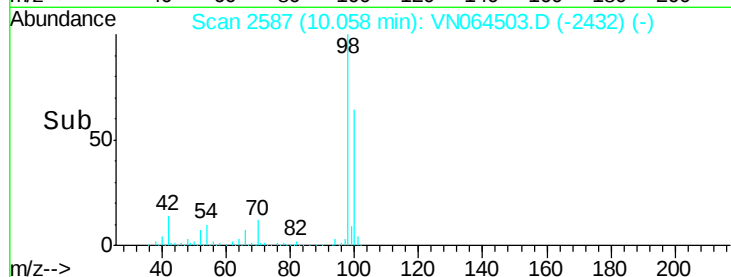
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 4.800 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064503.D

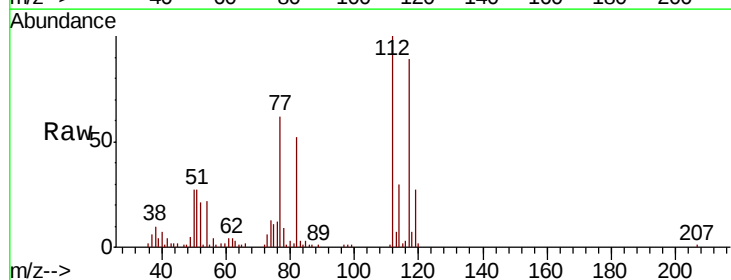
Acq: 9 Nov 2020 11:15

Tgt Ion: 112 Resp: 58519

Ion Ratio Lower Upper

112 100

114 30.2 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): VN064503.D (-2851) (-)

Ion 114.00 (113.70 to 114.70): VN064503.D (-2851) (-)

11.40

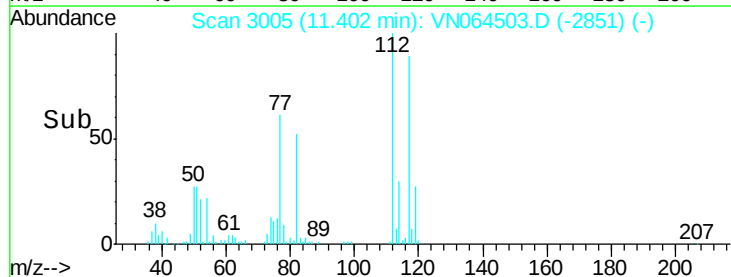
30000

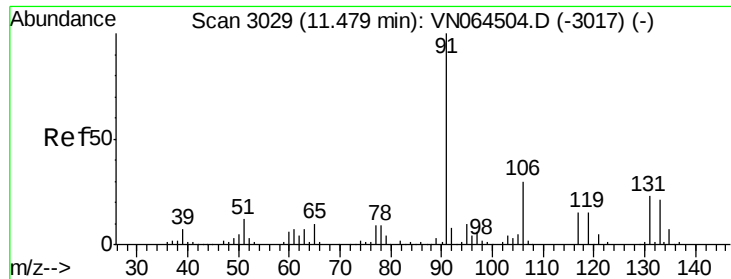
20000

10000

0

Time-->

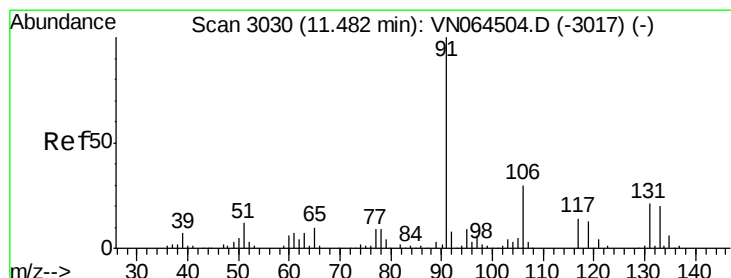
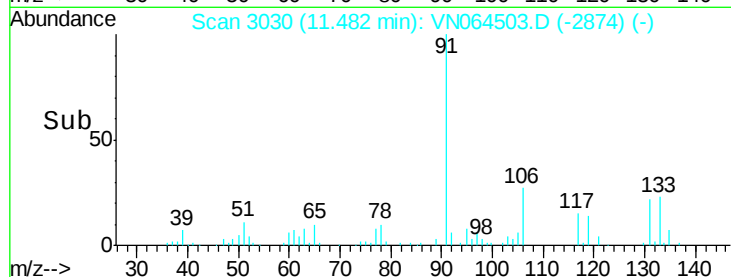
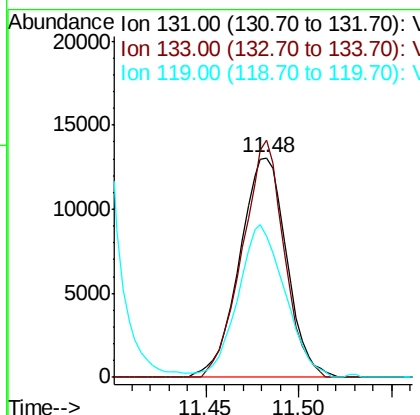
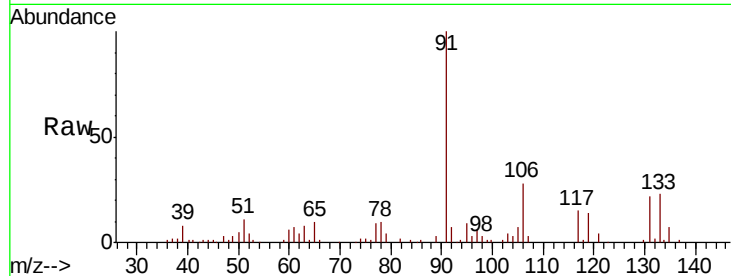




#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.849 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

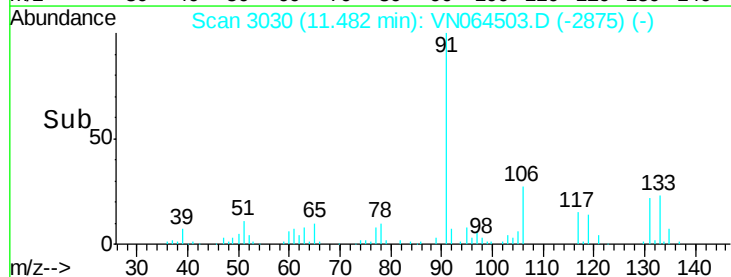
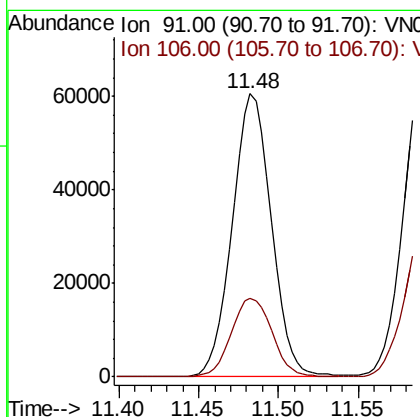
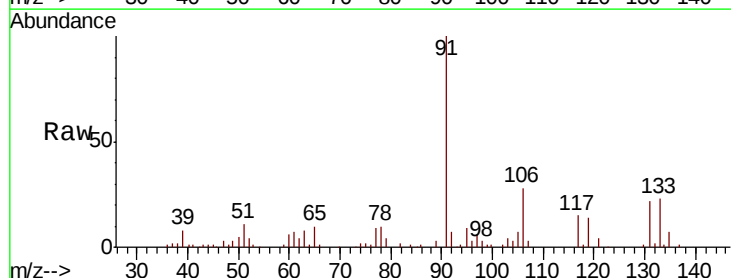
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

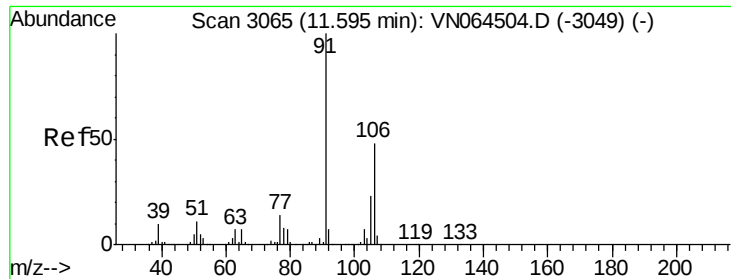
Tot Ion:131 Resp: 22920
 Ion Ratio Lower Upper
 131 100
 133 96.1 0.0 191.2
 119 69.9 0.0 131.6



#66
 Ethyl Benzene
 Concen: 4.678 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion: 91 Resp: 100524
 Ion Ratio Lower Upper
 91 100
 106 28.0 23.9 35.9

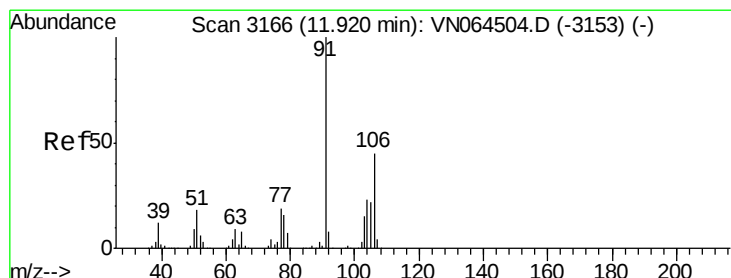
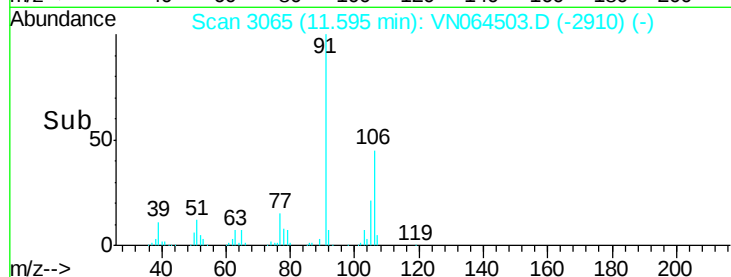
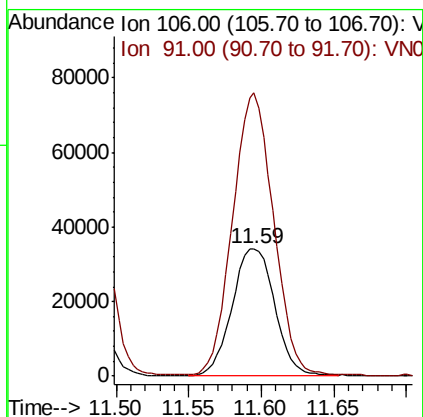
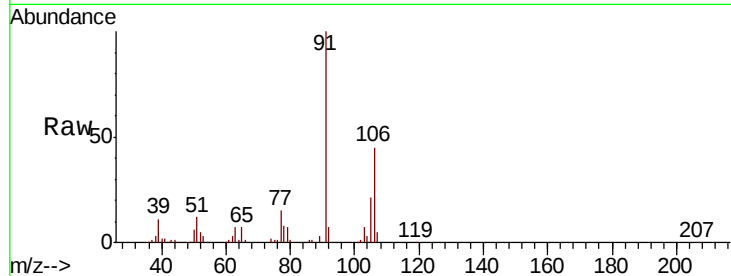




#67
m/p-Xylenes
Concen: 8.722 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

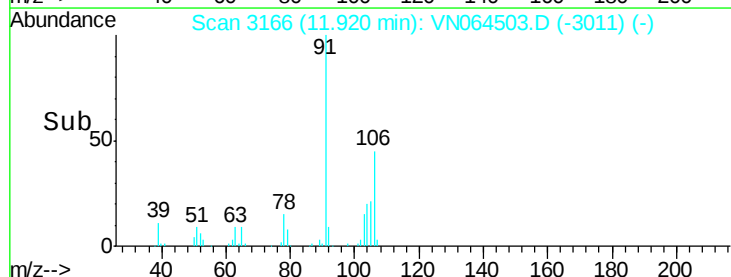
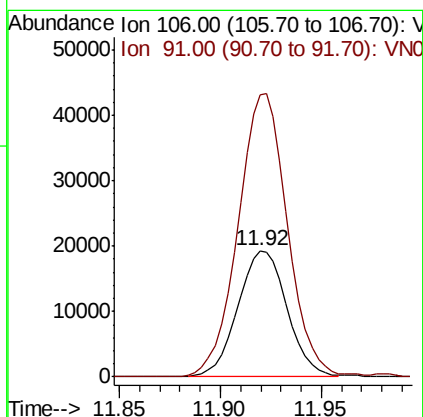
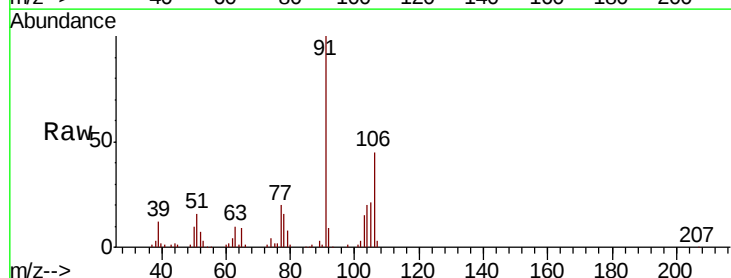
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

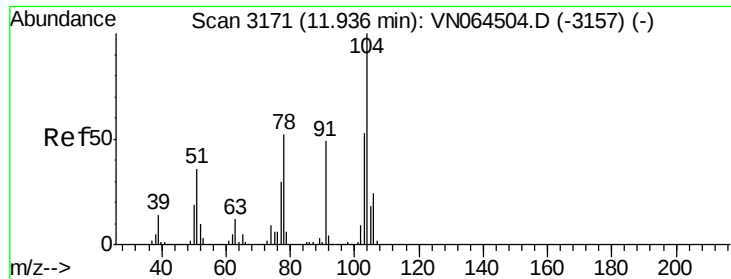
Tot Ion:106 Resp: 70545
Ion Ratio Lower Upper
106 100
91 212.5 168.8 253.2



#68
o-Xylene
Concen: 4.247 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion:106 Resp: 32941
Ion Ratio Lower Upper
106 100
91 225.0 109.7 329.2

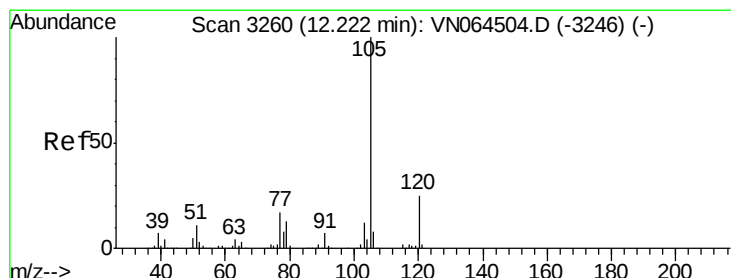
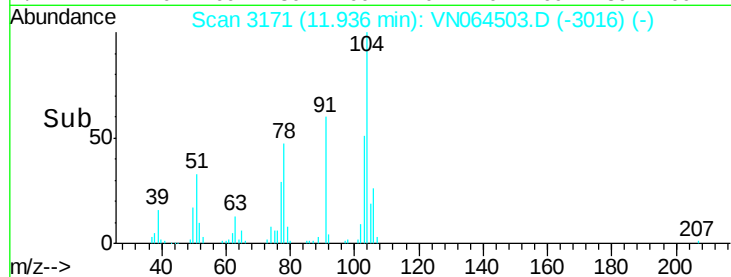
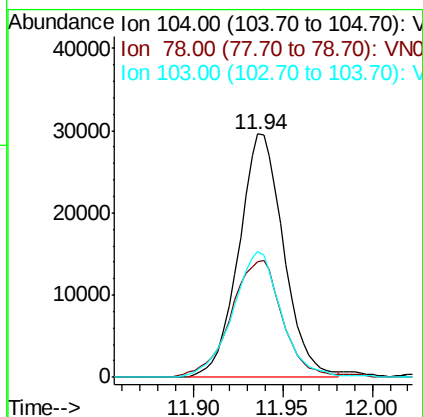
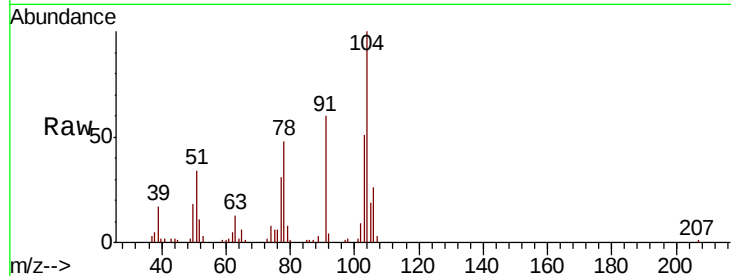




#69
Stvrene
Concen: 3.993 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

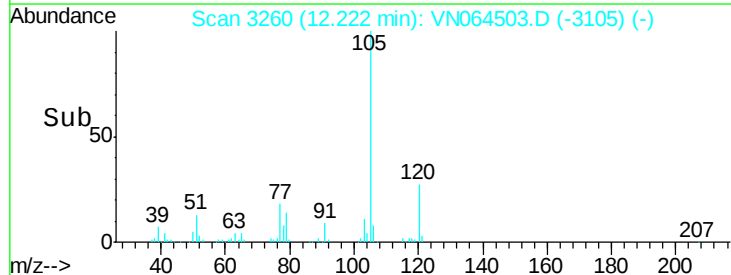
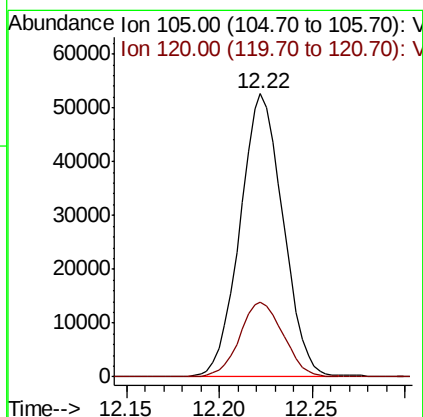
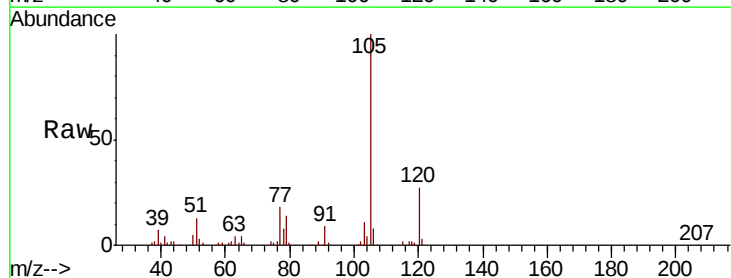
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

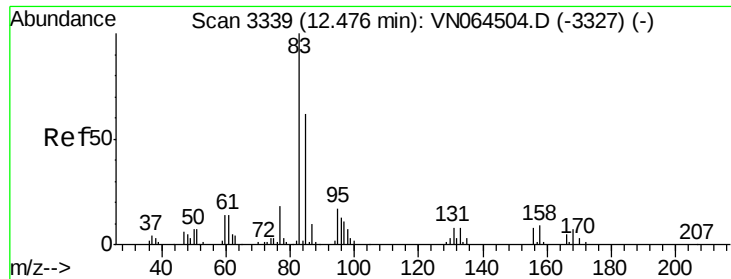
Tot Ion:104 Resp: 51991
Ion Ratio Lower Upper
104 100
78 55.1 44.4 66.6
103 55.5 44.6 67.0



#70
Isopropylbenzene
Concen: 4.208 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion:105 Resp: 84603
Ion Ratio Lower Upper
105 100
120 26.8 17.9 33.3

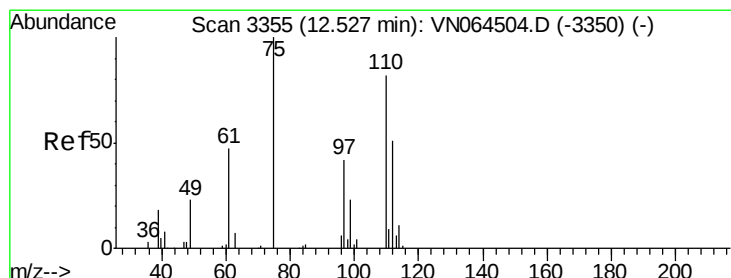
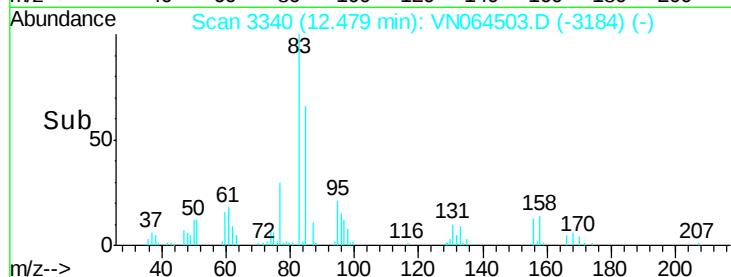
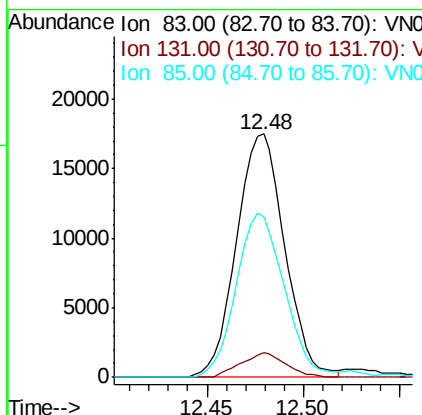
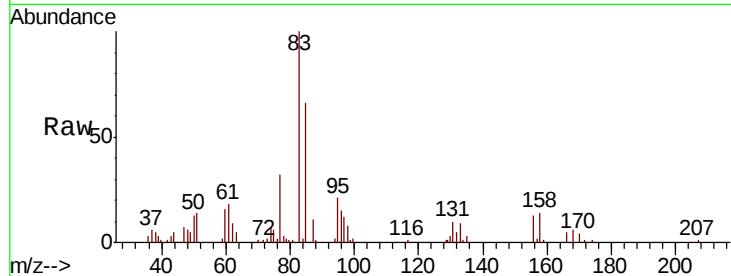




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.295 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

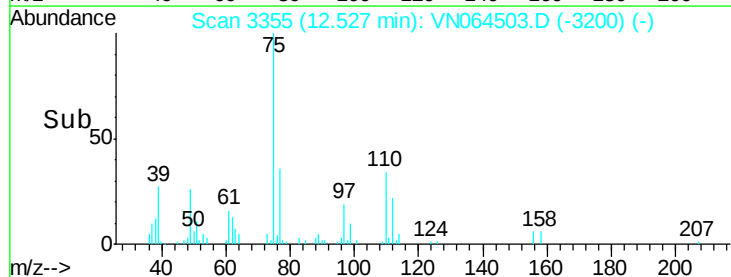
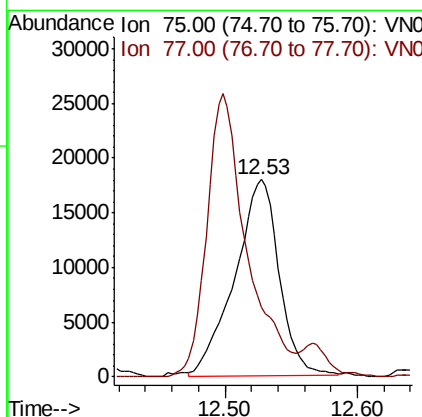
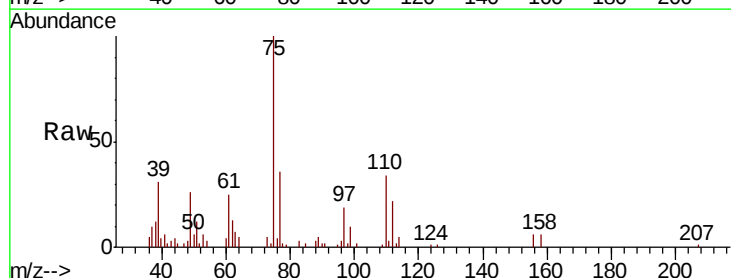
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

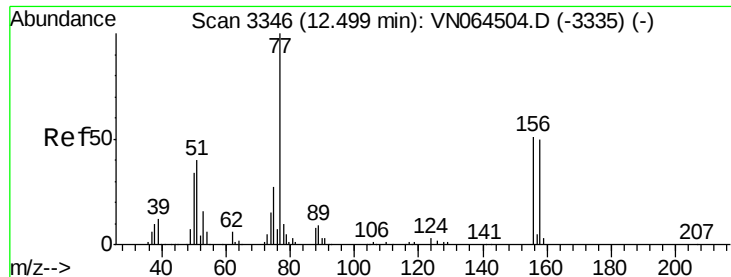
Tot Ion: 83 Resp: 30394
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.6 13.8
 85 67.2 31.4 94.0



#72
 1,2,3-Trichloropropane
 Concen: 7.047 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion: 75 Resp: 41682
 Ion Ratio Lower Upper
 75 100
 77 130.1 0.0 379.4

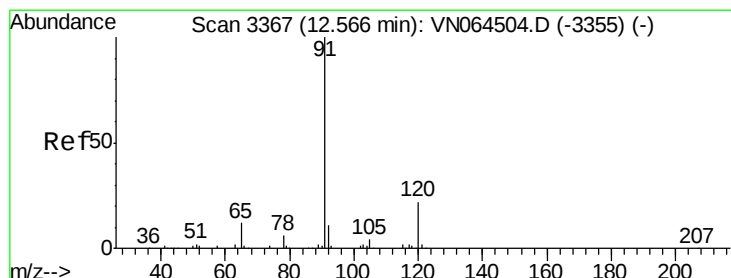
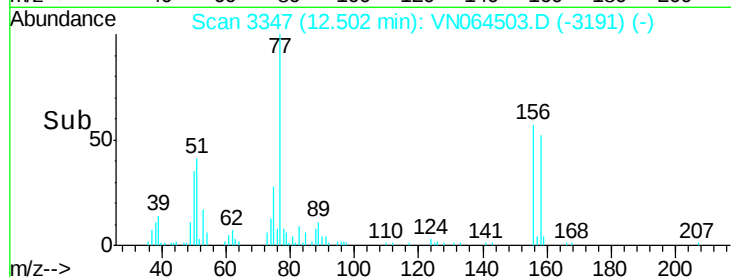
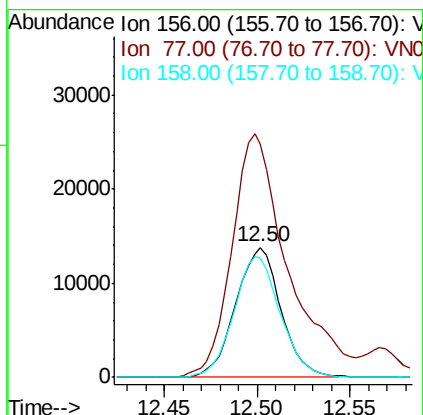
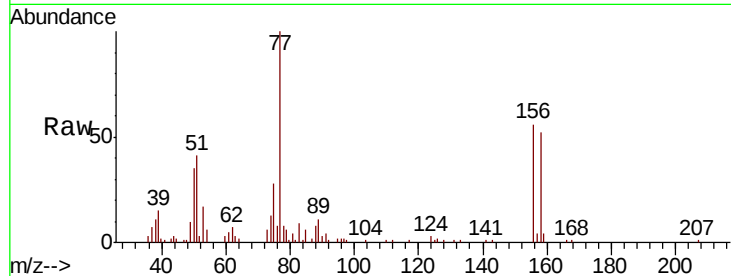




#73
Bromobenzene
Concen: 4.551 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

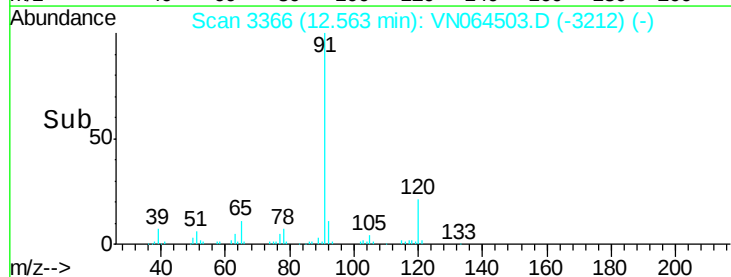
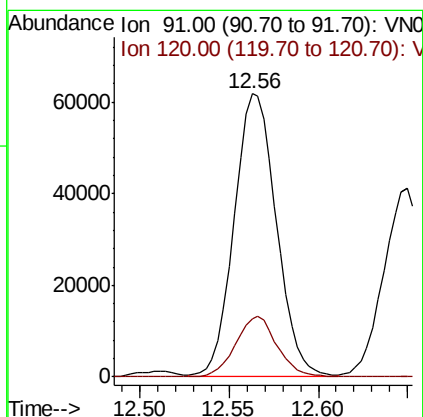
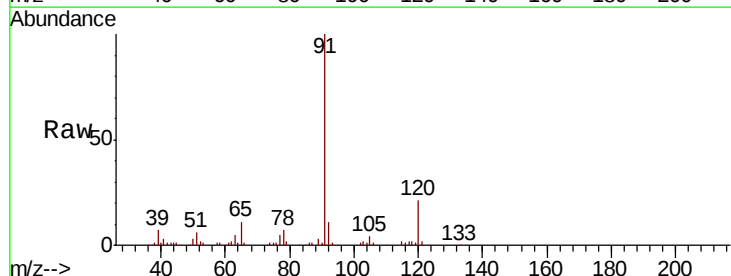
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

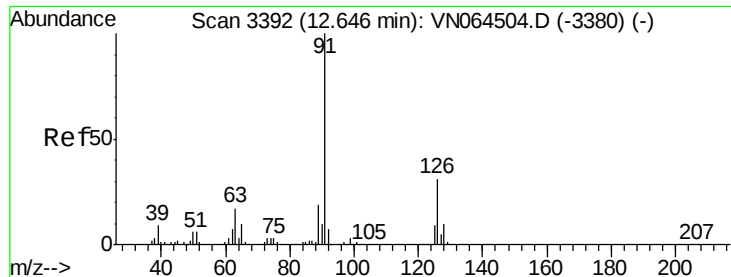
Tot Ion:156 Resp: 23438
Ion Ratio Lower Upper
156 100
77 231.5 0.0 480.2
158 95.0 0.0 194.0



#74
n-propylbenzene
Concen: 4.581 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 91 Resp: 102303
Ion Ratio Lower Upper
91 100
120 21.0 0.0 42.8





#75

2-Chlorotoluene

Concen: 4.737 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

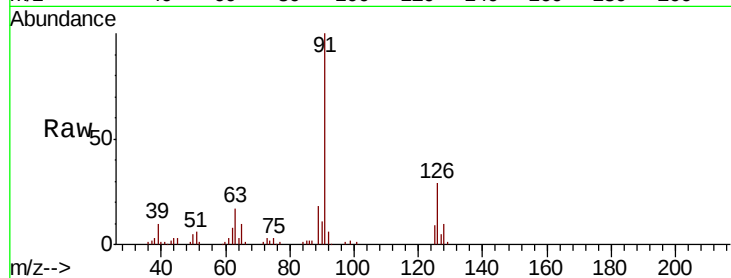
VSTDIC005

Tot Ion: 91 Resp: 66906

Ion Ratio Lower Upper

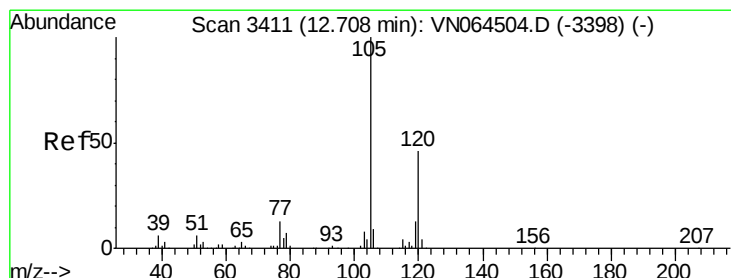
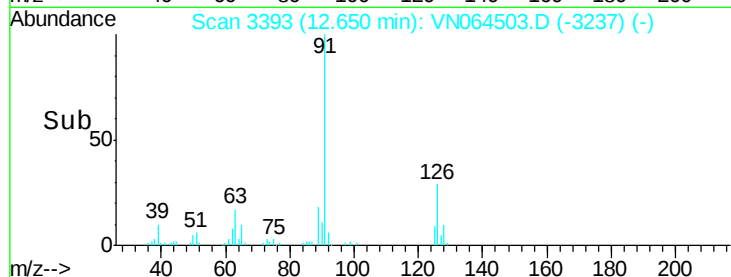
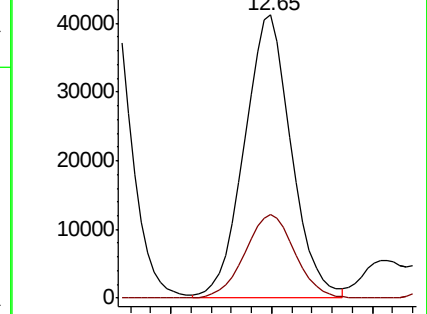
91 100

126 31.3 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064503.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064503.D (-3237) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.200 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064503.D

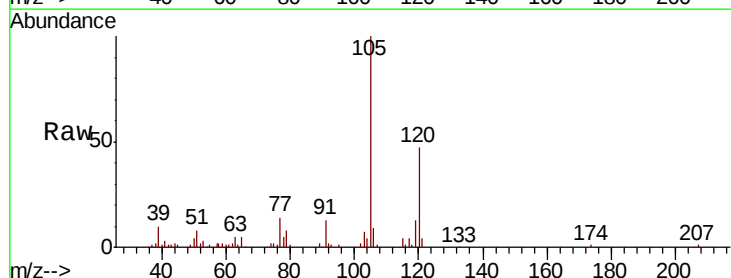
Acq: 9 Nov 2020 11:15

Tgt Ion: 105 Resp: 70190

Ion Ratio Lower Upper

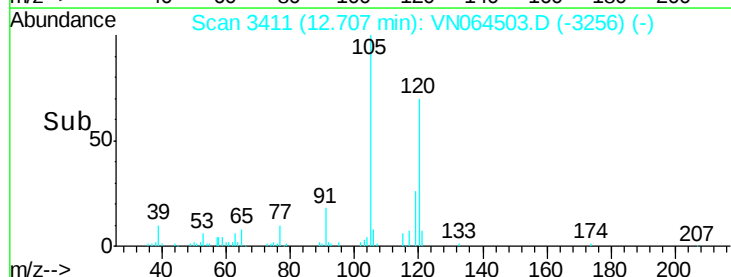
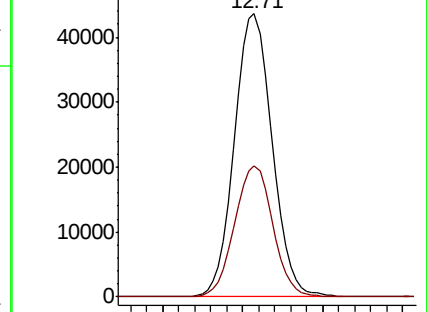
105 100

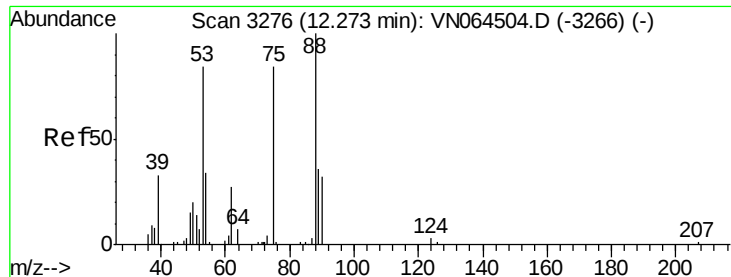
120 46.8 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064503.D (-3256) (-)

Ion 120.00 (119.70 to 120.70): VN064503.D (-3256) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 4.528 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

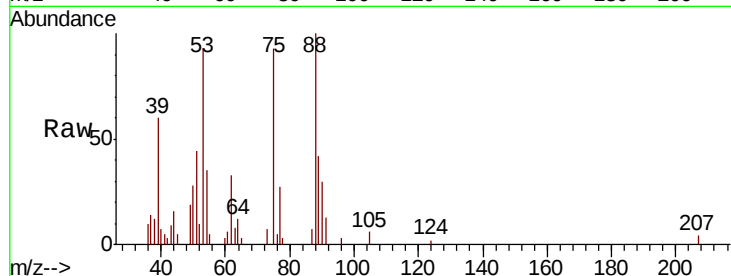
Tot Ion: 75 Resp: 9526

Ion Ratio Lower Upper

75 100

53 96.8 50.3 150.9

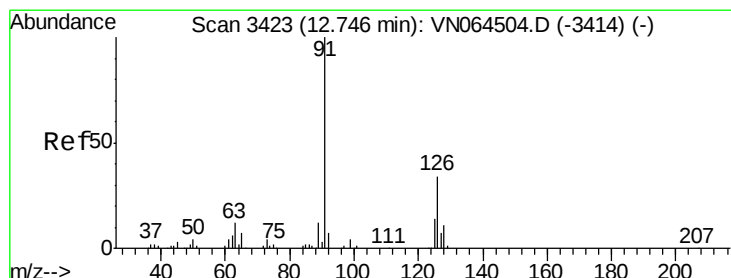
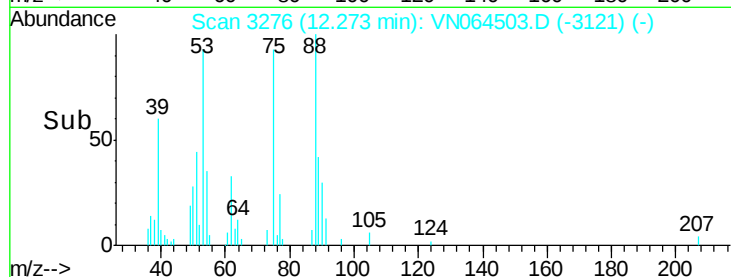
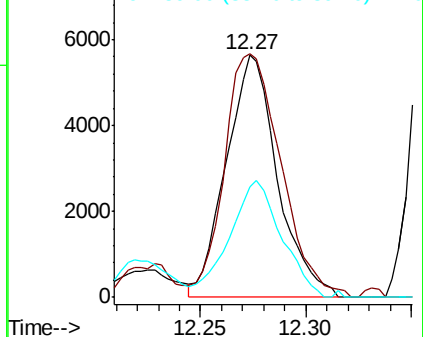
89 42.9 23.3 69.8



Abundance Ion 75.00 (74.70 to 75.70): VN064503.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064503.D (-3266) (-)

Ion 89.00 (88.70 to 89.70): VN064503.D (-3266) (-)



#78

4-Chlorotoluene

Concen: 4.617 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064503.D

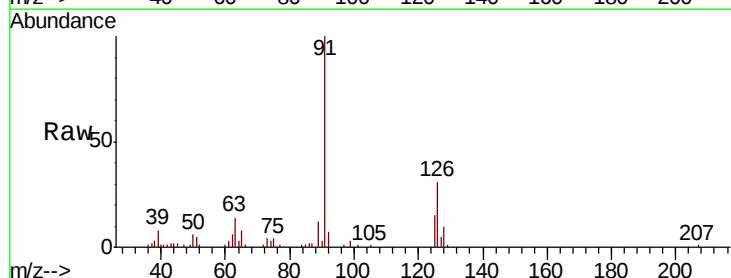
Acq: 9 Nov 2020 11:15

Tgt Ion: 91 Resp: 67728

Ion Ratio Lower Upper

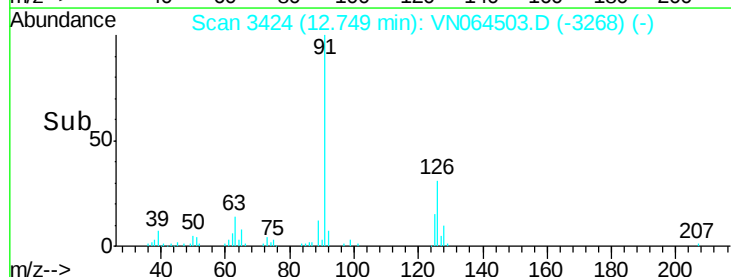
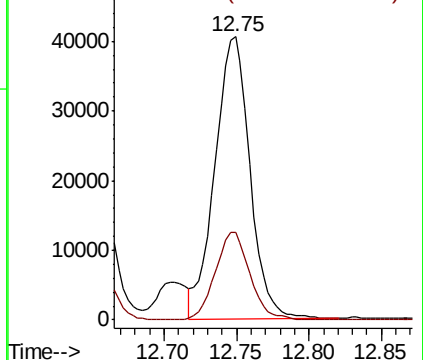
91 100

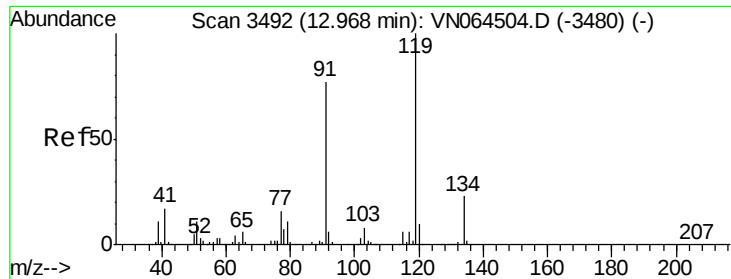
126 30.6 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064503.D (-3268) (-)

Ion 126.00 (125.70 to 126.70): VN064503.D (-3268) (-)

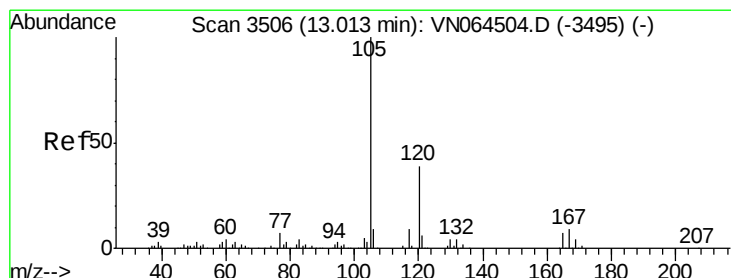
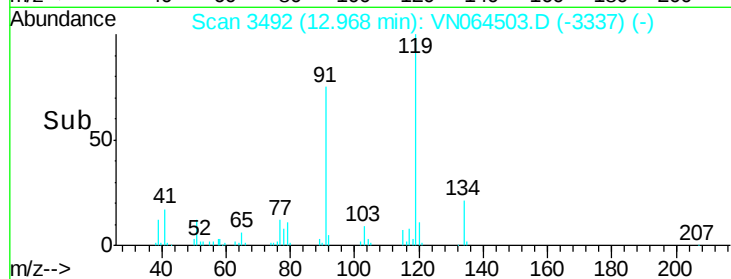
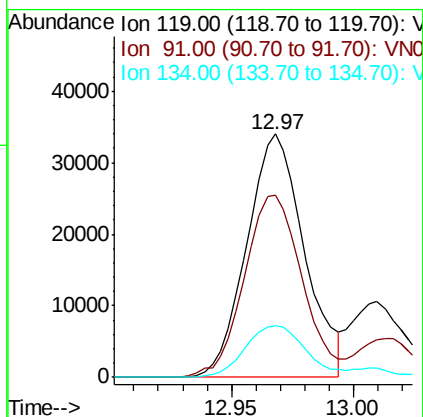
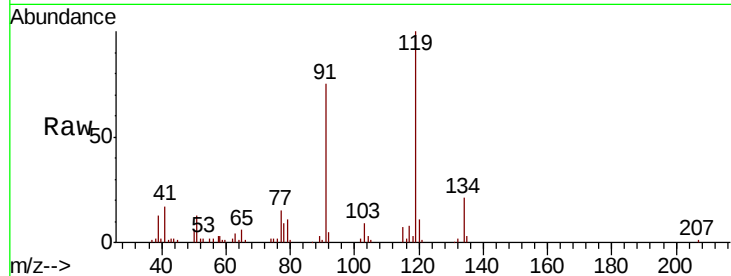




#79
tert-butylbenzene
Concen: 4.238 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

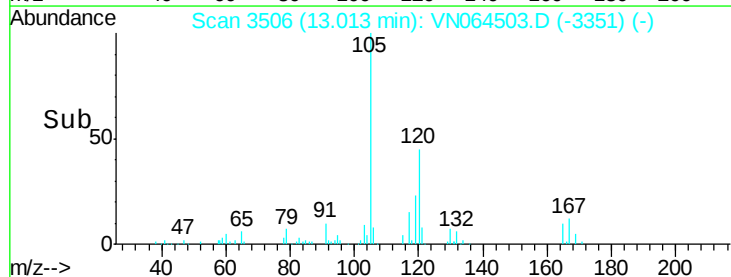
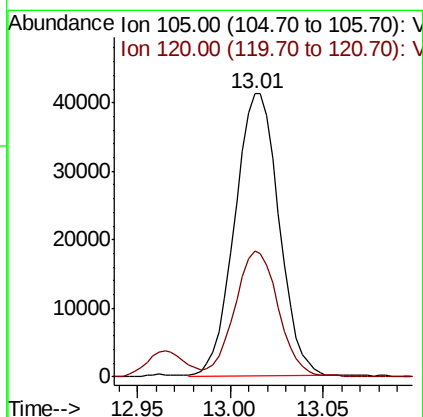
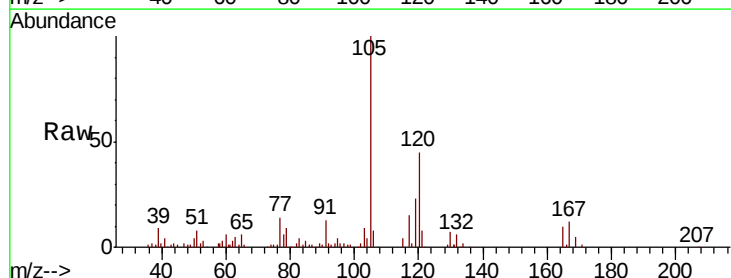
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

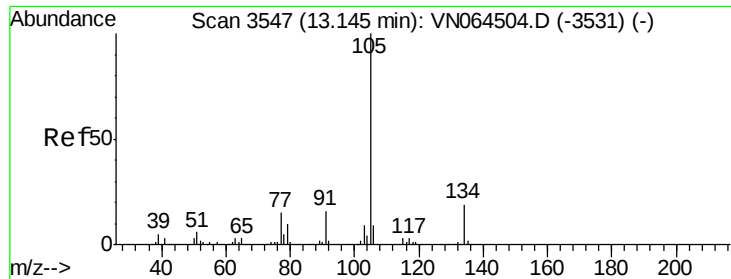
Tot Ion:119 Resp: 55680
Ion Ratio Lower Upper
119 100
91 75.8 0.0 147.8
134 22.4 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 4.044 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion:105 Resp: 68065
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.6

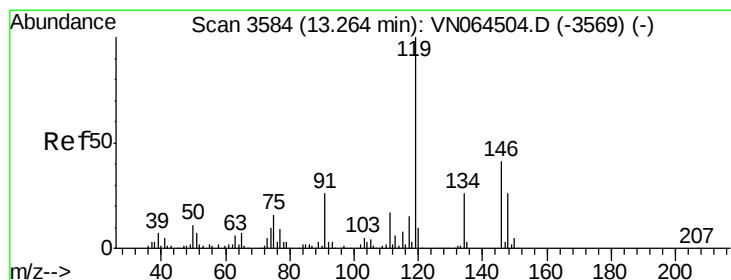
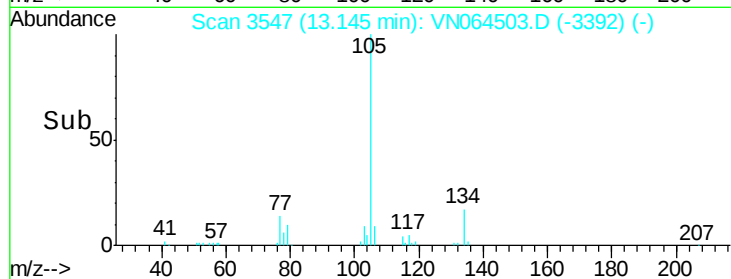
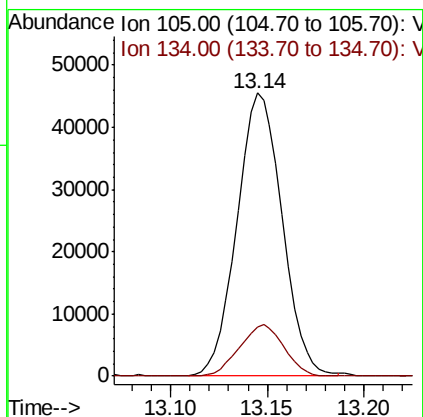
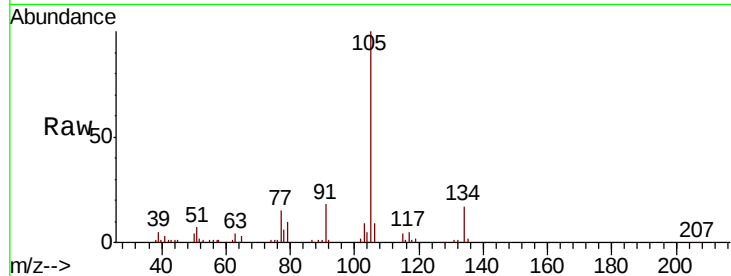




#81
 sec-Butylbenzene
 Concen: 4.376 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

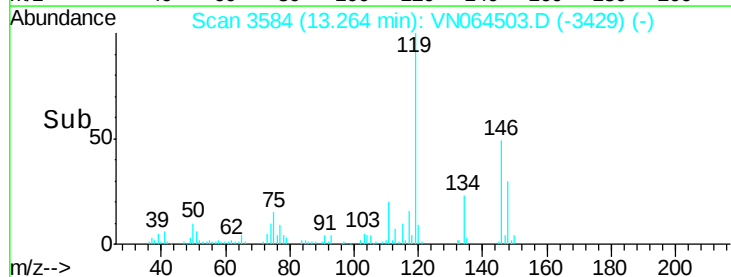
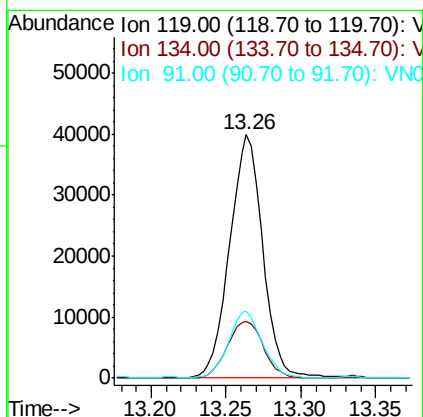
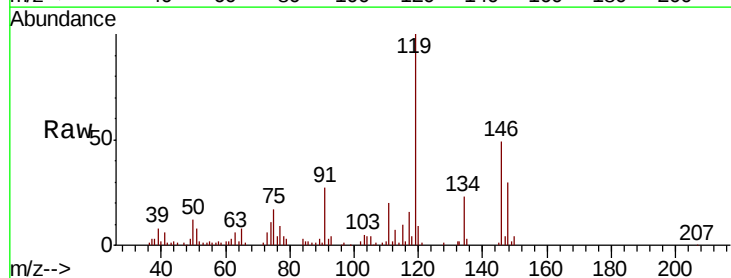
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

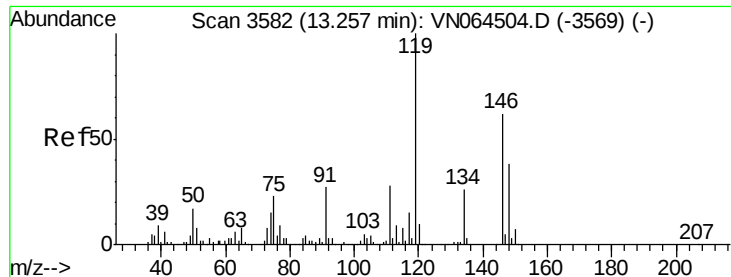
Tot Ion:105 Resp: 73940
 Ion Ratio Lower Upper
 105 100
 134 17.8 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 3.987 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion:119 Resp: 61560
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 53.0
 91 27.8 0.0 53.2

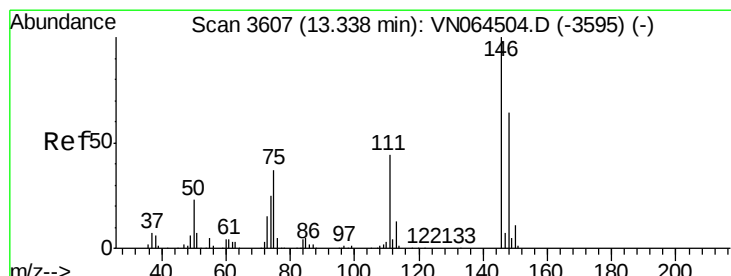
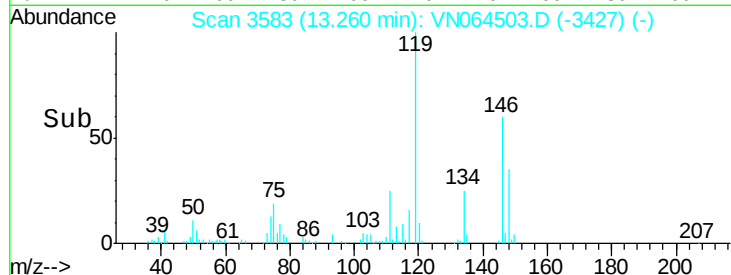
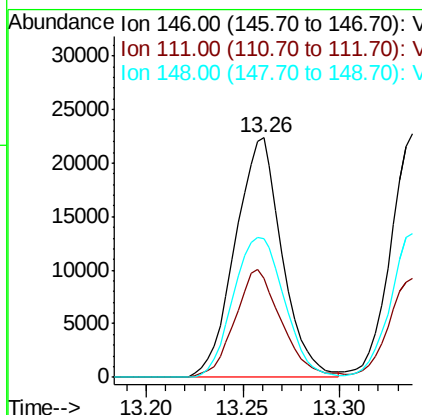
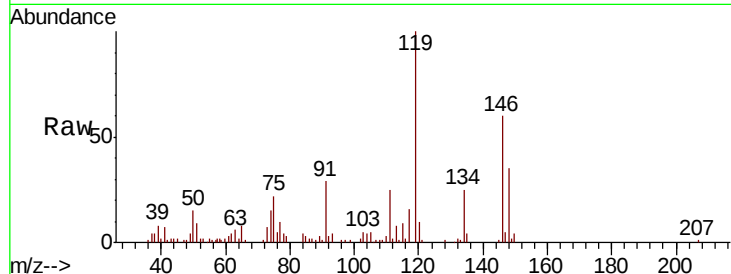




#83
 1,3-Dichlorobenzene
 Concen: 4.263 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

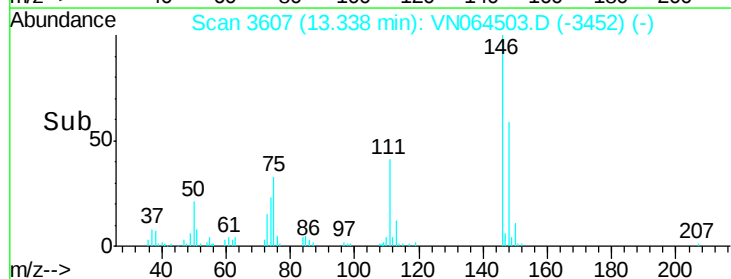
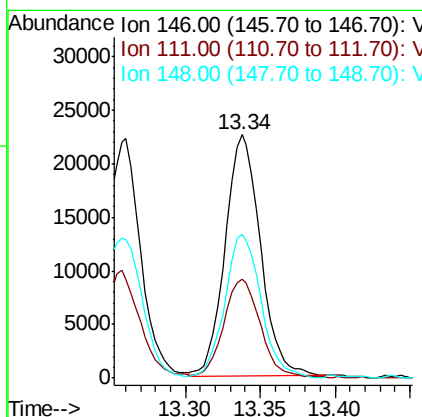
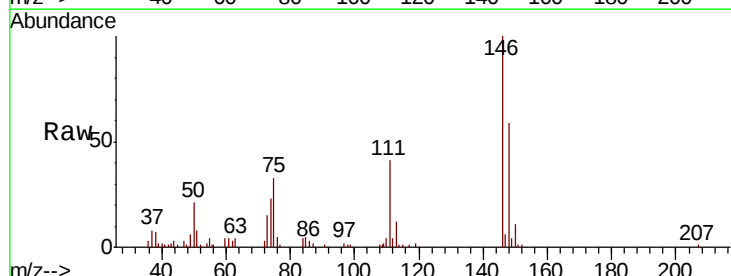
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

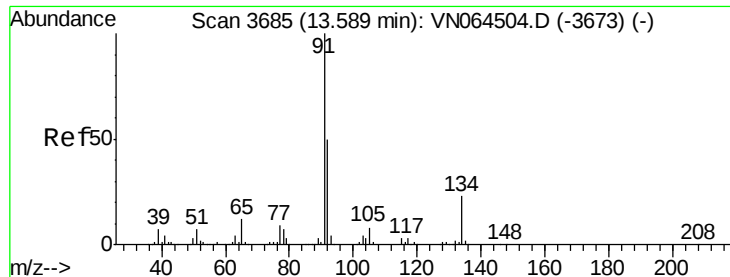
Tot Ion:146 Resp: 37749
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.3 66.9
 148 63.6 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 4.215 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion:146 Resp: 37394
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.8 65.4
 148 60.9 31.5 94.5

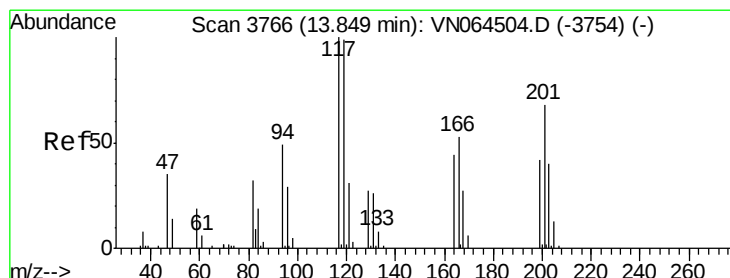
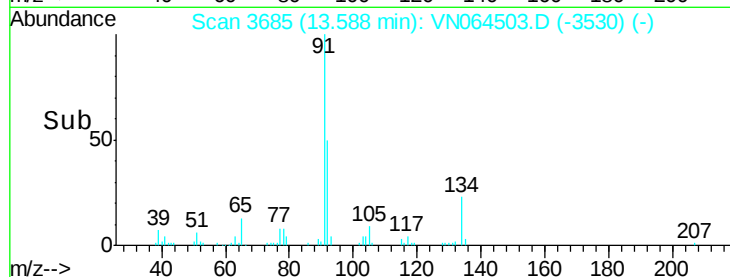
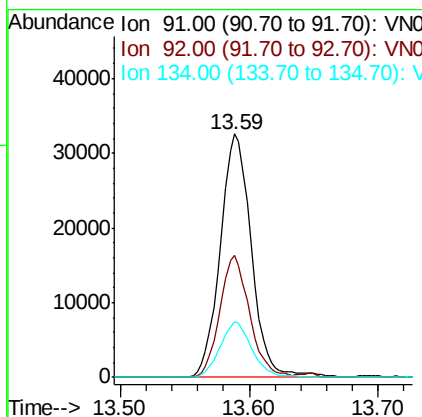
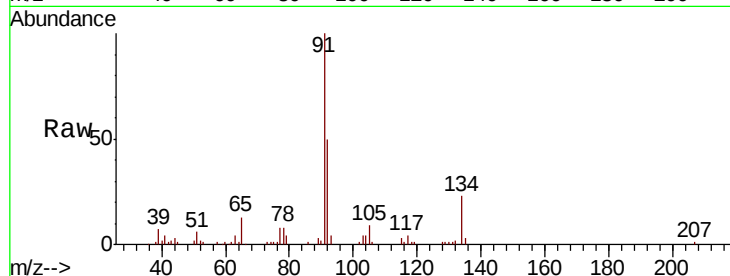




#85
n-Butylbenzene
Concen: 4.414 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

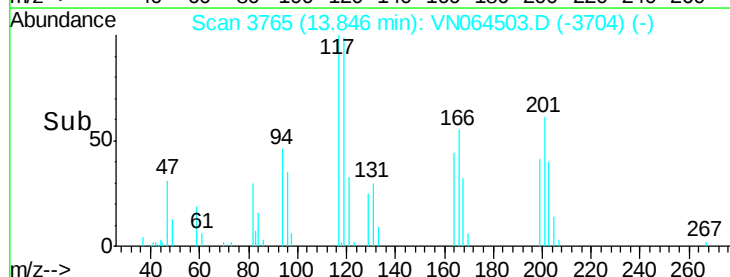
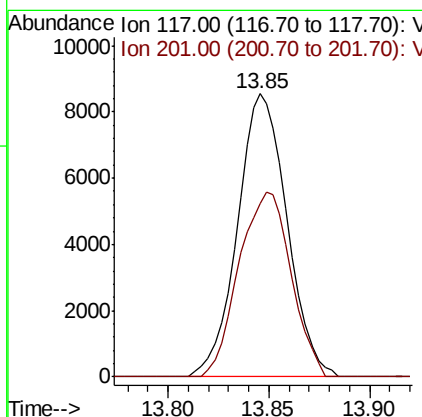
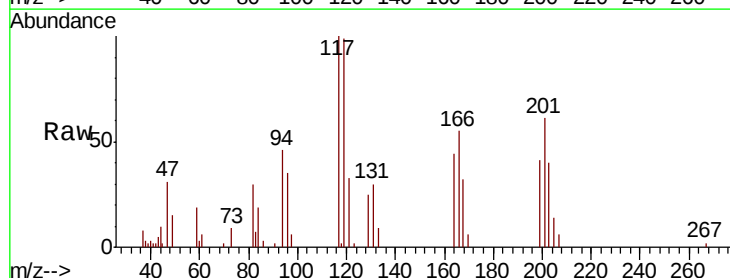
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

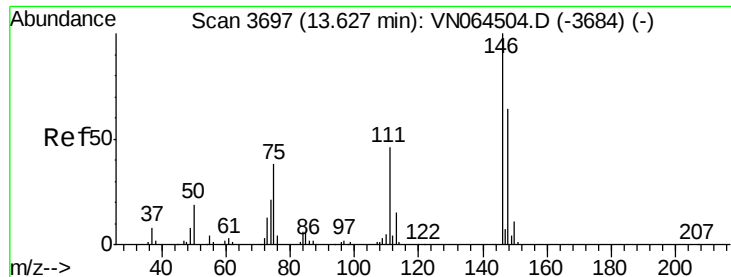
Tot Ion: 91 Resp: 54641
Ion Ratio Lower Upper
91 100
92 47.6 0.0 101.4
134 22.8 0.0 45.2



#86
Hexachloroethane
Concen: 4.968 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064503.D
Acq: 9 Nov 2020 11:15

Tgt Ion: 117 Resp: 14642
Ion Ratio Lower Upper
117 100
201 68.8 33.1 99.3





#87

1,2-Dichlorobenzene

Concen: 4.314 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

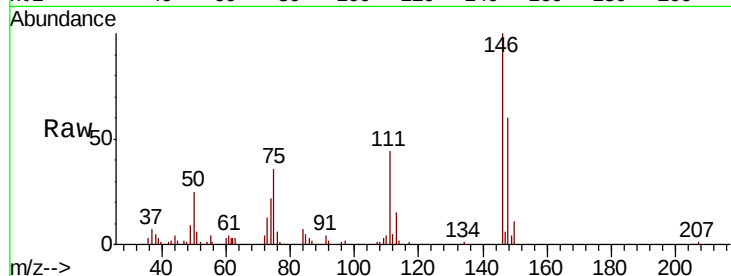
Tot Ion:146 Resp: 36695

Ion Ratio Lower Upper

146 100

111 44.7 23.1 69.2

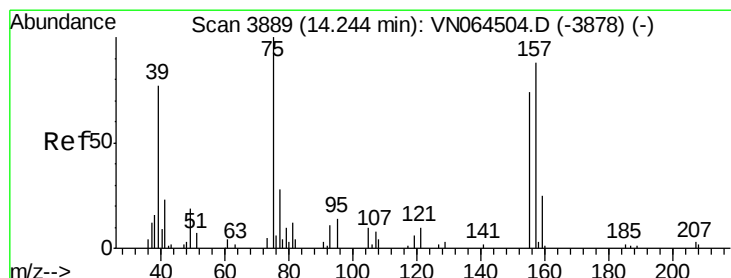
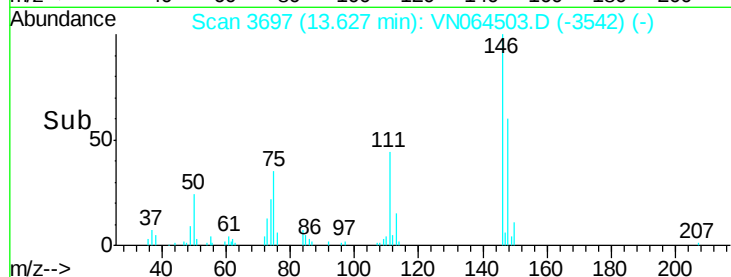
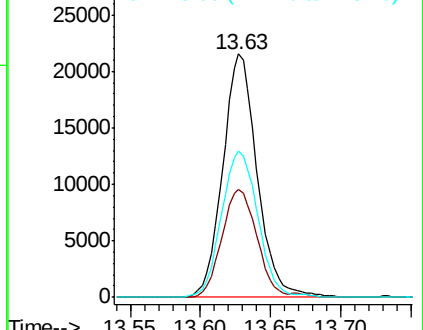
148 63.0 32.6 97.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.039 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

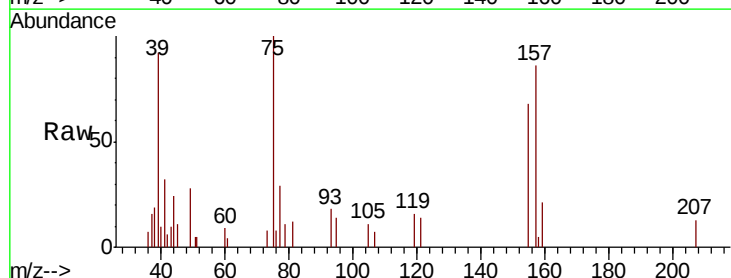
Tgt Ion: 75 Resp: 6241

Ion Ratio Lower Upper

75 100

155 64.9 56.5 84.7

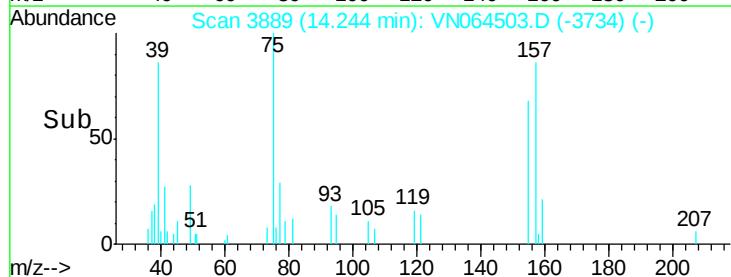
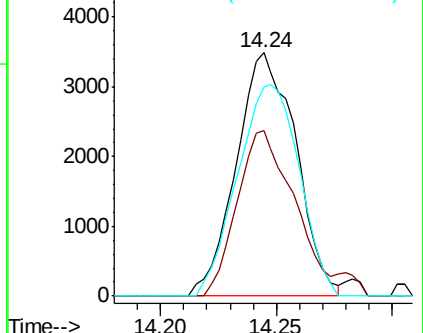
157 89.8 69.7 104.5

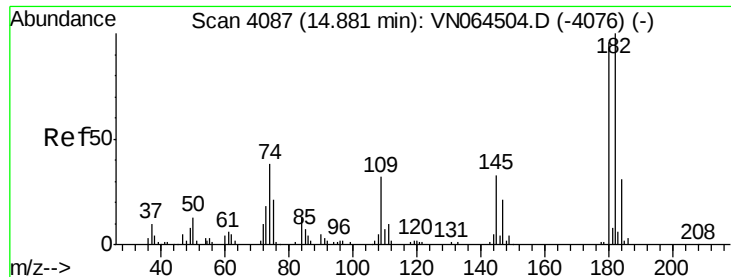


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

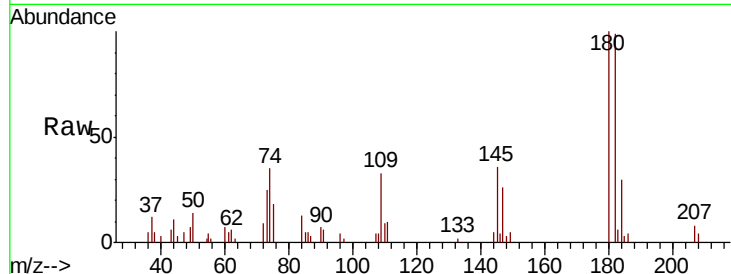




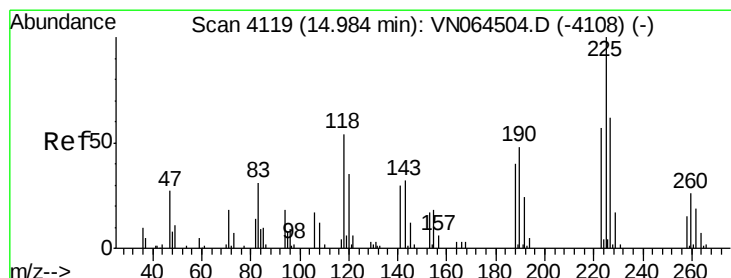
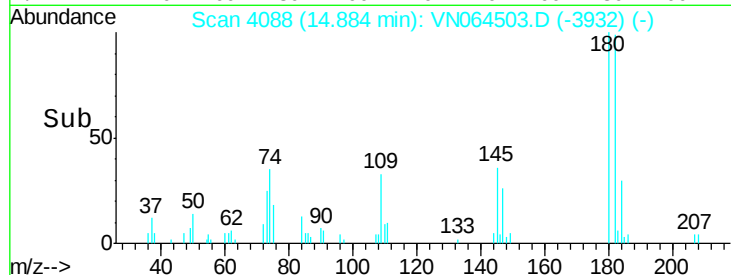
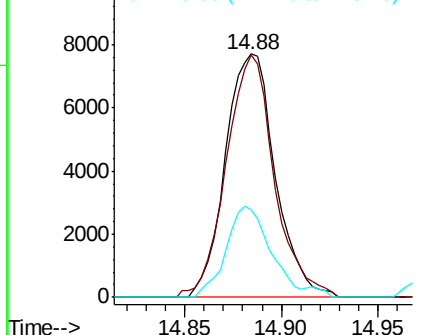
#89
 1,2,4-Trichlorobenzene
 Concen: 3.381 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 13840
 Ion Ratio Lower Upper
 180 100
 182 95.3 79.4 119.0
 145 32.9 27.6 41.4

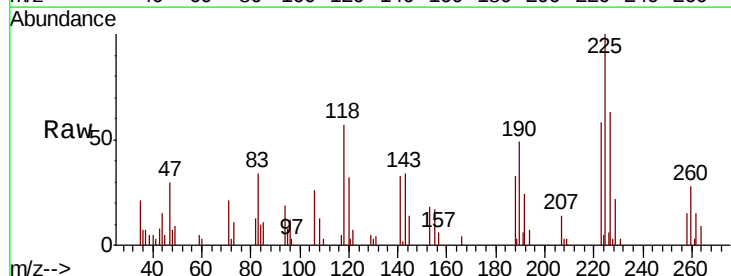


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

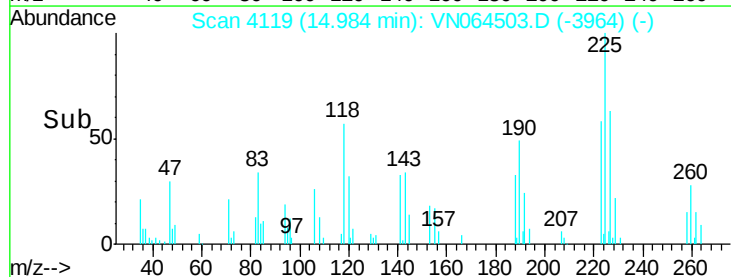
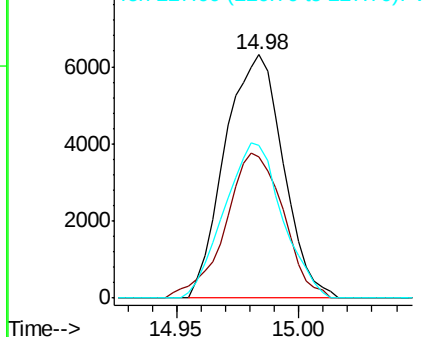


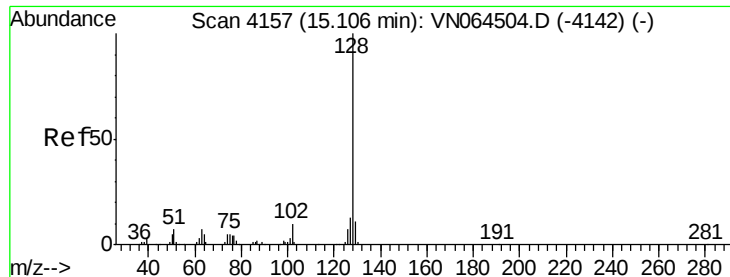
#90
 Hexachlorobutadiene
 Concen: 4.802 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN064503.D
 Acq: 9 Nov 2020 11:15

Tgt Ion:225 Resp: 10458
 Ion Ratio Lower Upper
 225 100
 223 58.9 0.0 125.4
 227 63.5 0.0 122.0



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





#91

Naphthalene

Concen: 3.372 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

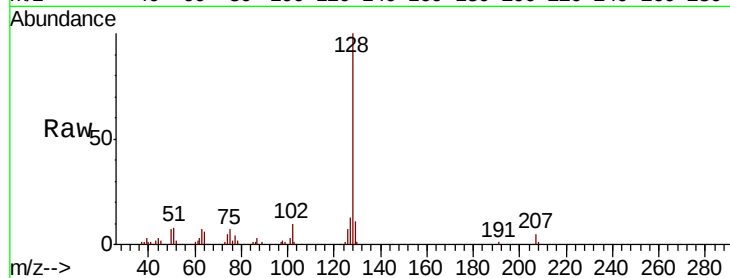
Tot Ion:128 Resp: 41817

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

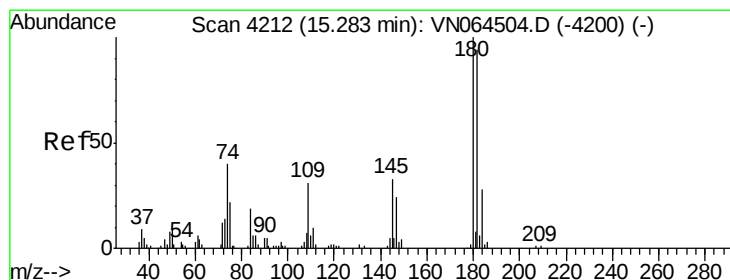
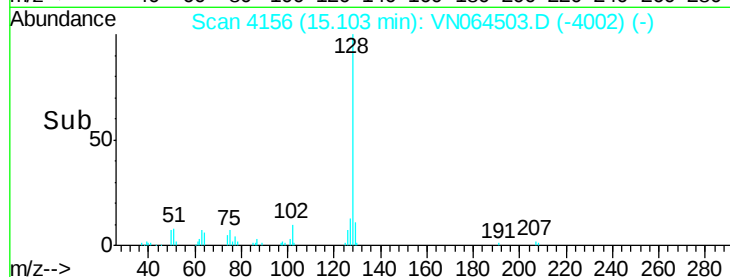
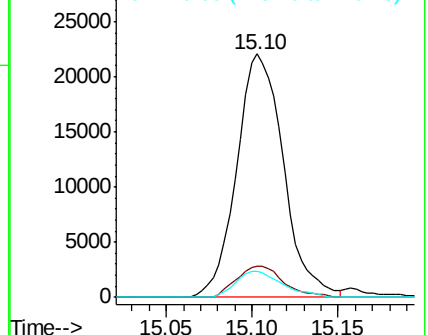
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 3.659 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN064503.D

Acq: 9 Nov 2020 11:15

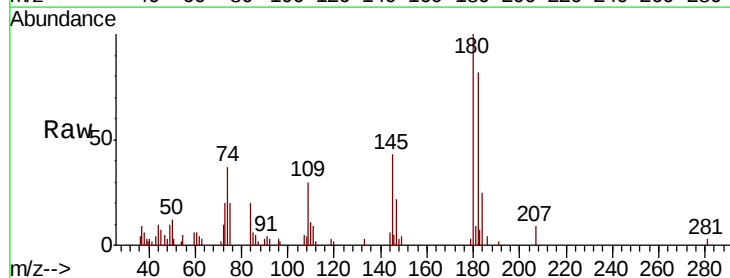
Tgt Ion:180 Resp: 15067

Ion Ratio Lower Upper

180 100

182 96.1 0.0 186.0

145 39.9 0.0 69.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

