

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064304.D
 Acq On : 26 Oct 2020 15:55
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 26 16:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 16:34:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	51996	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	294901	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	267023	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	146456	32.05	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.83%
60) 4-Bromofluorobenzene	12.38	95	141421	29.76	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.20%
63) Toluene-d8	10.06	98	358229	30.06	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	19942	5.801 ug/l	91
3) Chloromethane	2.04	50	19957	5.644 ug/l	97
4) Vinyl Chloride	2.16	62	19466	5.465 ug/l	95
5) Bromomethane	2.54	94	12483	5.400 ug/l	94
6) Chloroethane	2.67	64	11153	5.395 ug/l	98
7) Trichlorofluoromethane	2.98	101	29869	5.016 ug/l	93
8) Diethyl Ether	3.37	74	9396	4.809 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	16584	5.651 ug/l	85
10) 1,1-Dichloroethene	3.69	96	15126	5.349 ug/l	99
11) Methyl Iodide	3.91	142	19763	4.848 ug/l	95
12) Methyl Acetate	4.28	43	13133	3.918 ug/l	94
13) Acrolein	3.57	56	6817	25.694 ug/l #	54
14) Acrylonitrile	4.93	53	34600	25.993 ug/l	93
15) Acetone	3.77	58	12400	30.460 ug/l	85
16) Carbon Disulfide	4.01	76	47209	5.744 ug/l #	90
17) Allyl chloride	4.27	41	11524	2.123 ug/l	79
18) Methylene Chloride	4.50	84	17293	5.191 ug/l	95
19) trans-1,2-Dichloroethene	4.98	96	11109	3.505 ug/l	94
20) Diisopropyl ether	5.90	45	54507	5.209 ug/l	98
21) 1,1-Dichloroethane	5.79	63	17434	2.829 ug/l	96
22) cis-1,2-Dichloroethene	6.78	96	19187	5.217 ug/l	98
23) tert-Butyl Alcohol	4.72	59	7322	11.996 ug/l #	100
24) Methyl tert-Butyl Ether	4.98	73	57037	5.663 ug/l #	78
25) Chloroform	7.32	83	32769	4.924 ug/l	94
26) Cyclohexane	7.61	56	25714	5.353 ug/l #	98
29) 1,1-Dichloropropene	7.75	75	27021	5.418 ug/l	98
30) 2-Butanone	6.78	43	61238	27.474 ug/l	99
31) 2,2-Dichloropropane	6.77	77	17649	2.847 ug/l #	37
32) 1,1,1-Trichloroethane	7.52	97	31184	4.890 ug/l	97
33) Carbon Tetrachloride	7.73	117	28917	5.054 ug/l	93
34) Benzene	8.00	78	67697	4.960 ug/l #	63
35) Methacrylonitrile	7.12	41	9024	4.024 ug/l	93
36) 1,2-Dichloroethane	8.08	62	31815	5.387 ug/l #	93
37) Trichloroethene	8.80	130	18910	5.077 ug/l	94
38) Methylcyclohexane	9.05	83	25328	5.526 ug/l	99
39) 1,2-Dichloropropane	9.08	63	18099	4.921 ug/l	96
40) Dibromomethane	9.17	93	12575	4.941 ug/l	99

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 26 16:41:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 16:34:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	27112	4.921	ug/l	99
42) Vinyl Acetate	5.84	43	248879	25.385	ug/l	98
43) Ethyl Acetate	6.88	43	21303	4.514	ug/l	98
44) Isopropyl Acetate	8.13	43	45817	5.432	ug/l	95
45) 1,4-Dioxane	9.16	88	4104	75.479	ug/l #	42
46) Methyl methacrylate	9.17	41	20631	5.032	ug/l	93
47) n-amyl Acetate	12.05	43	32304	4.422	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	29810	4.814	ug/l	90
49) cis-1,3-Dichloropropene	9.81	75	31182	4.870	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	16743	4.922	ug/l #	85
51) Ethyl methacrylate	10.40	69	24582	4.695	ug/l	98
52) 1,3-Dichloropropane	10.68	76	29368	4.914	ug/l	96
53) Dibromochloromethane	10.87	129	18844	4.470	ug/l	93
54) 1,2-Dibromoethane	10.97	107	17386	4.780	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	55284	20.281	ug/l	98
56) Bromoform	12.10	173	12983	4.312	ug/l #	94
58) 4-Methyl-2-Pentanone	9.95	43	119875	26.046	ug/l	99
59) 2-Hexanone	10.72	43	89782	25.916	ug/l	100
61) Tetrachloroethene	10.60	164	18806	5.197	ug/l	97
62) Toluene	10.12	91	74153	4.966	ug/l	97
64) Chlorobenzene	11.41	112	46521	5.046	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	17549	4.742	ug/l	99
66) Ethyl Benzene	11.48	91	84058	4.890	ug/l	94
67) m/p-Xylenes	11.59	106	59605	9.424	ug/l	100
68) o-Xylene	11.92	106	30759	5.004	ug/l	96
69) Styrene	11.94	104	46952	4.573	ug/l	98
70) Isopropylbenzene	12.22	105	81158	4.974	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	21902	4.900	ug/l	95
72) 1,2,3-Trichloropropane	12.53	75	32139	6.836	ug/l	76
73) Bromobenzene	12.50	156	19198	4.830	ug/l	96
74) n-propylbenzene	12.56	91	90881	4.878	ug/l	99
75) 2-Chlorotoluene	12.65	91	55536	4.782	ug/l	97
76) 1,3,5-Trimethylbenzene	12.70	105	67411	4.878	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	7918	4.401	ug/l	95
78) 4-Chlorotoluene	12.75	91	57451	4.771	ug/l	97
79) tert-butylbenzene	12.97	119	58293	5.183	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	67654	4.820	ug/l	98
81) sec-Butylbenzene	13.14	105	77874	5.340	ug/l	99
82) p-Isopropyltoluene	13.26	119	68307	5.103	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	32683	4.692	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	32837	4.643	ug/l	98
85) n-Butylbenzene	13.59	91	63112	5.394	ug/l	97
86) Hexachloroethane	13.85	117	11592	5.002	ug/l	86
87) 1,2-Dichlorobenzene	13.63	146	32773	4.803	ug/l	95
88) 1,2-Dibromo-3-Chloropropan	14.24	75	4860	4.446	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	18232	4.729	ug/l	97
90) Hexachlorobutadiene	14.98	225	11532	5.489	ug/l	90
91) Naphthalene	15.10	128	47522	4.159	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	17315	4.677	ug/l	94

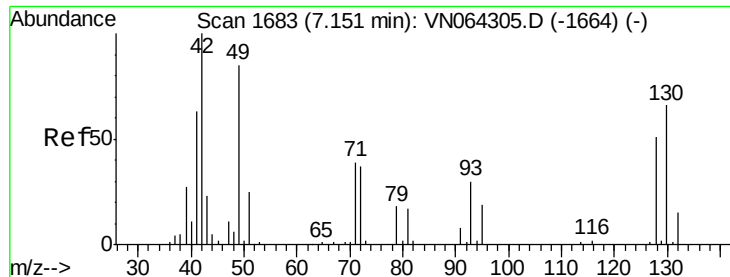
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
Data File : VN064304.D
Acq On : 26 Oct 2020 15:55
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Oct 26 16:41:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 16:34:22 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# 1682

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

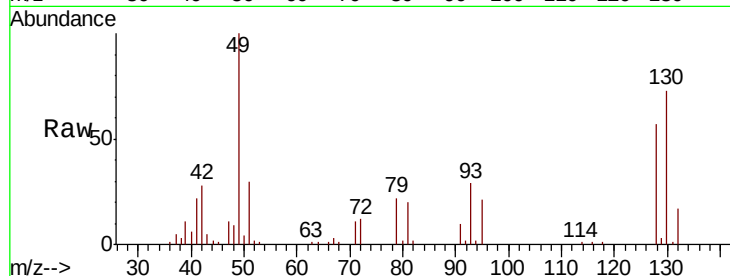
Tot Ion:128 Resp: 51996

Ion Ratio Lower Upper

128 100

49 177.0 0.0 439.5

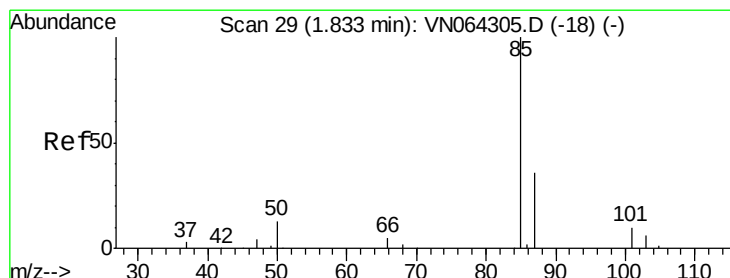
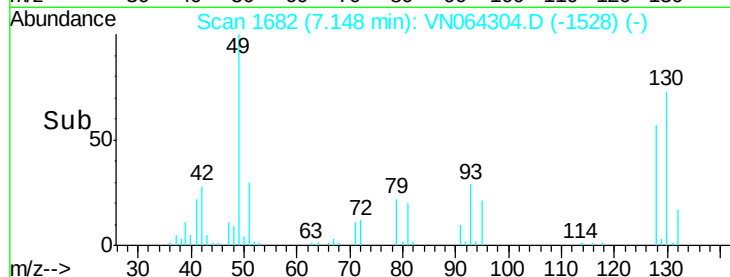
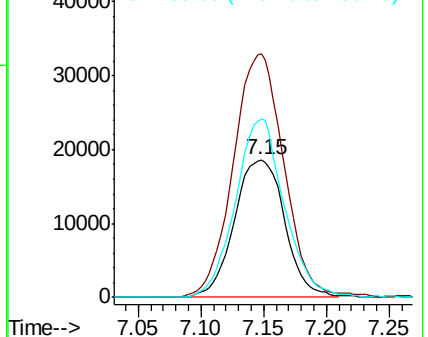
130 125.7 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 5.801 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064304.D

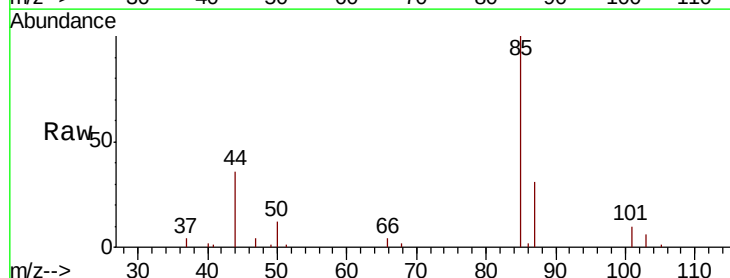
Acq: 26 Oct 2020 15:55

Tgt Ion: 85 Resp: 19942

Ion Ratio Lower Upper

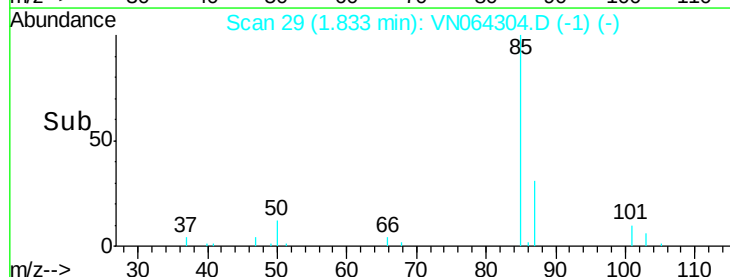
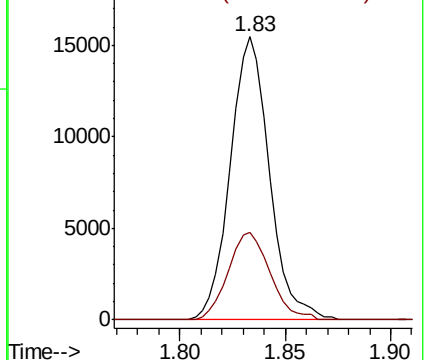
85 100

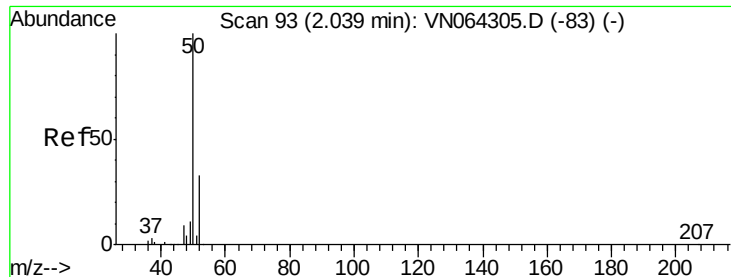
87 30.9 18.1 54.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 5.644 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

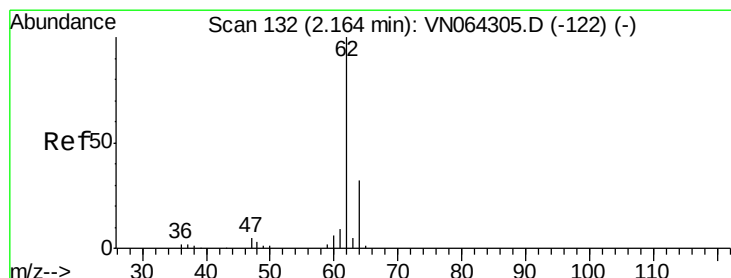
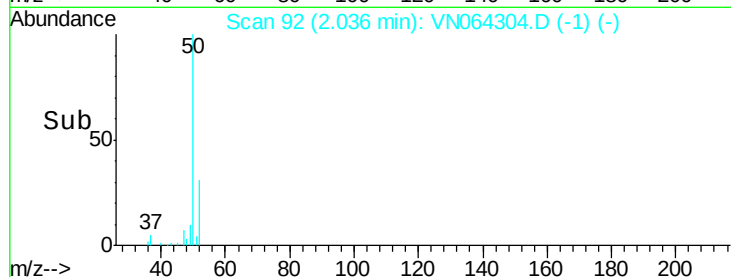
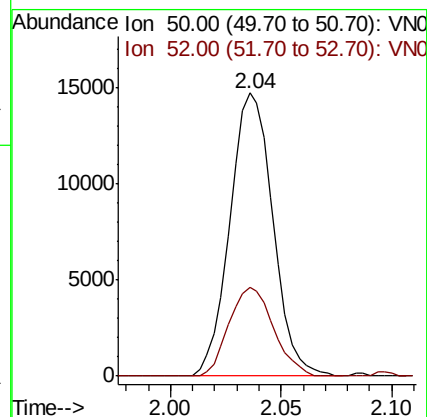
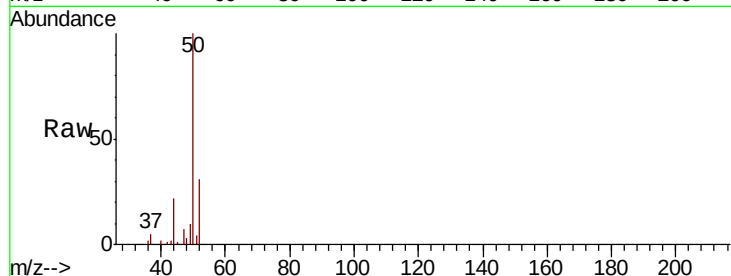
VSTDIC005

Tot Ion: 50 Resp: 19957

Ion Ratio Lower Upper

50 100

52 31.2 26.2 39.2



#4

Vinyl Chloride

Concen: 5.465 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064304.D

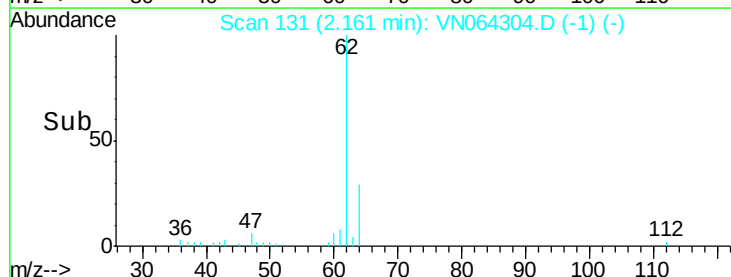
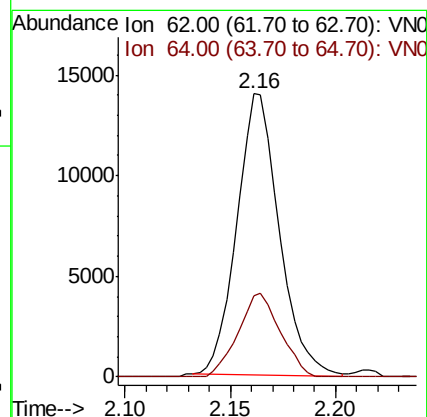
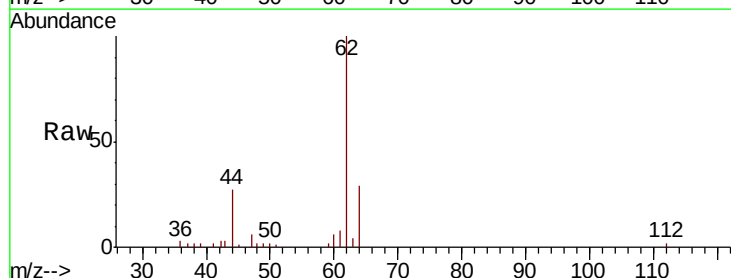
Acq: 26 Oct 2020 15:55

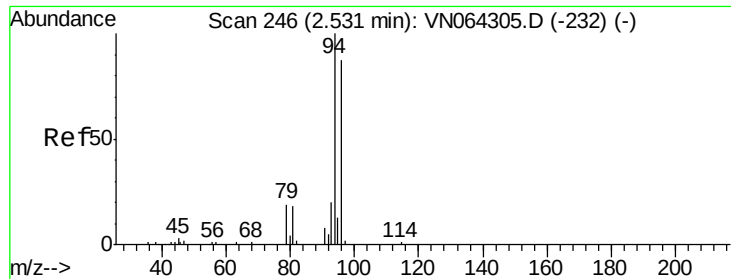
Tgt Ion: 62 Resp: 19466

Ion Ratio Lower Upper

62 100

64 29.2 25.5 38.3

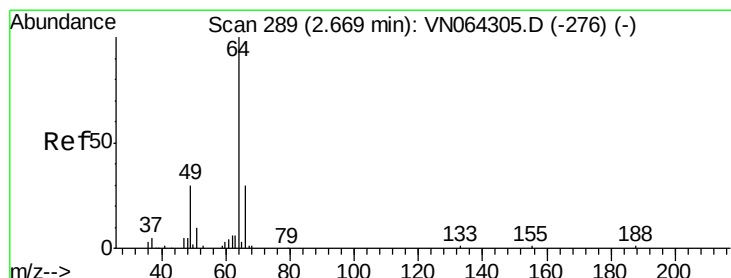
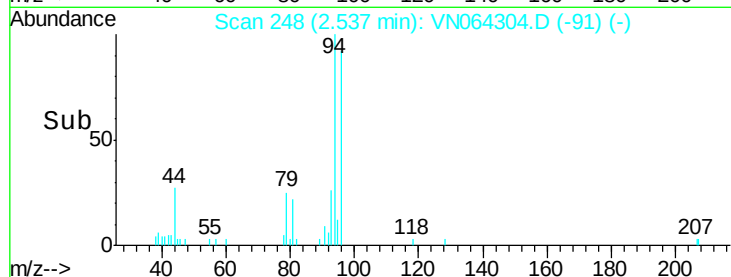
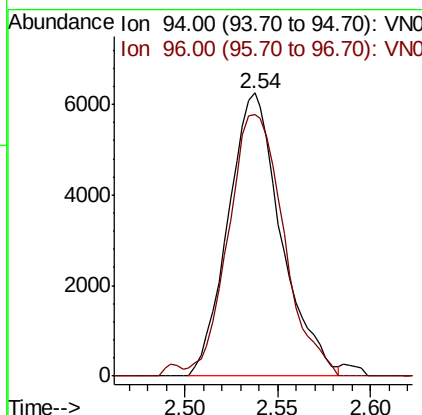
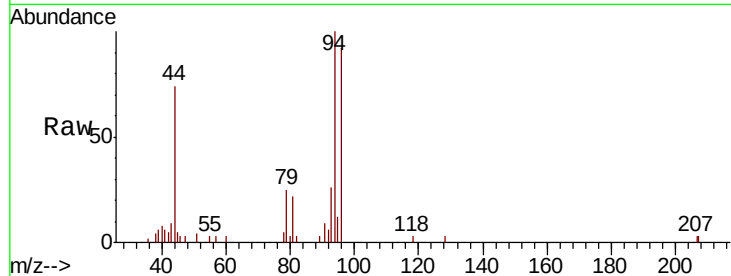




#5
Bromomethane
Concen: 5.400 ug/l
RT: 2.54 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

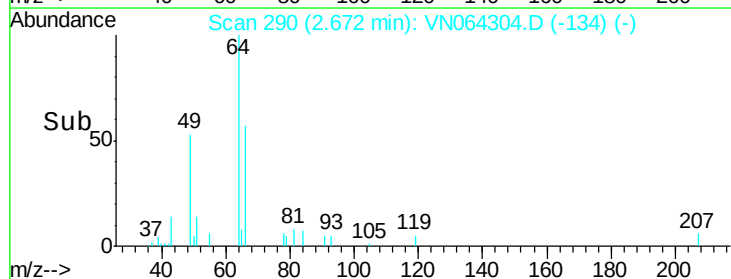
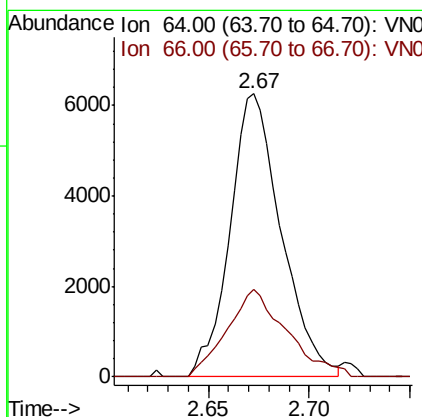
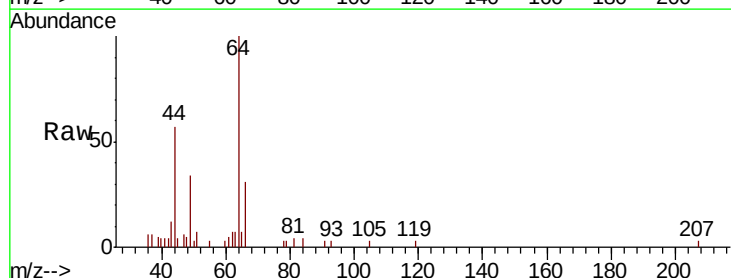
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

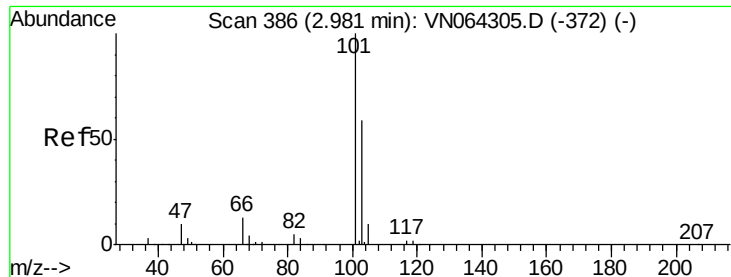
Tot Ion: 94 Resp: 12483
Ion Ratio Lower Upper
94 100
96 92.2 69.4 104.0



#6
Chloroethane
Concen: 5.395 ug/l
RT: 2.67 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 64 Resp: 11153
Ion Ratio Lower Upper
64 100
66 31.0 24.1 36.1



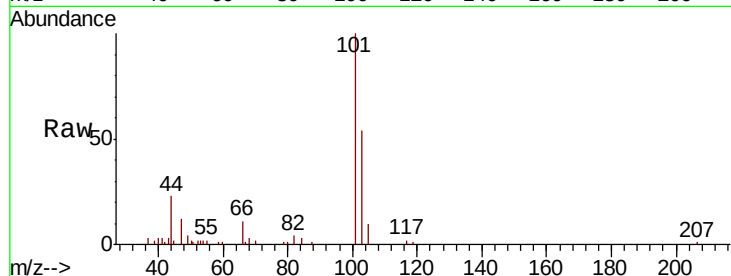


#7

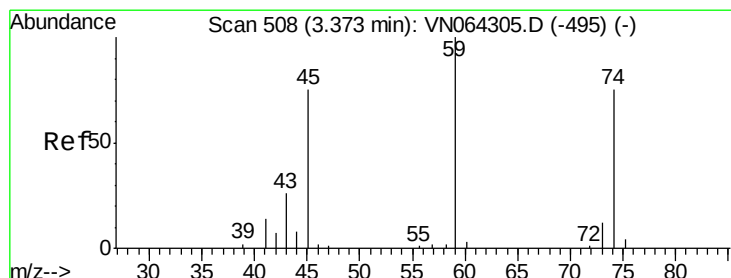
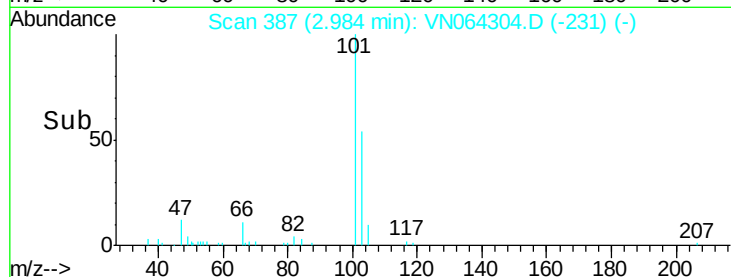
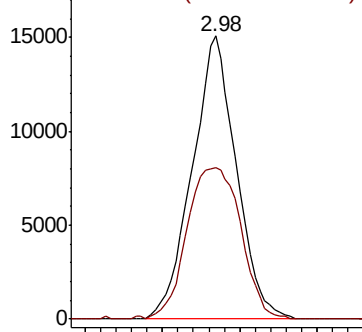
Trichlorofluoromethane
 Concen: 5.016 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:101 Resp: 29869
 Ion Ratio Lower Upper
 101 100
 103 53.7 47.1 70.7



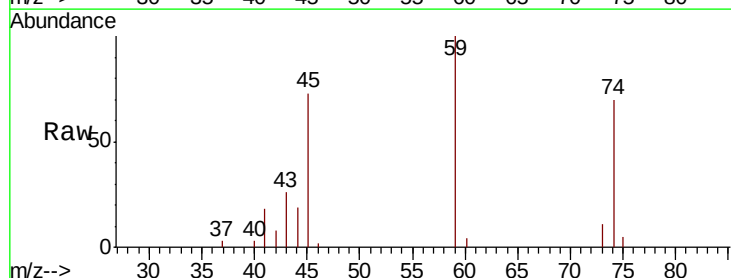
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



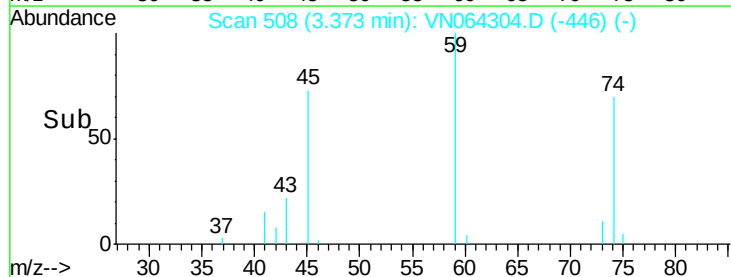
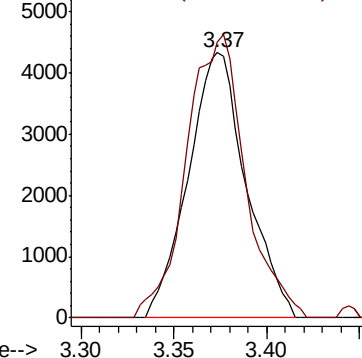
#8

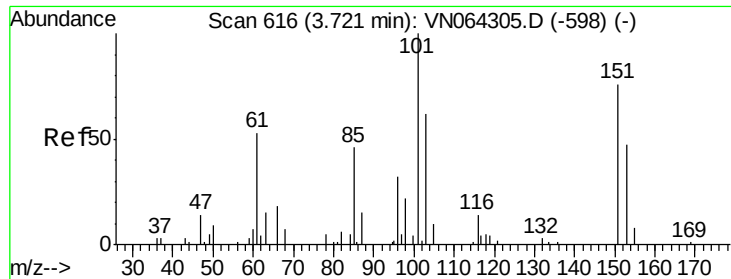
Diethyl Ether
 Concen: 4.809 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 74 Resp: 9396
 Ion Ratio Lower Upper
 74 100
 45 108.7 20.4 183.6



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: 5.651 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

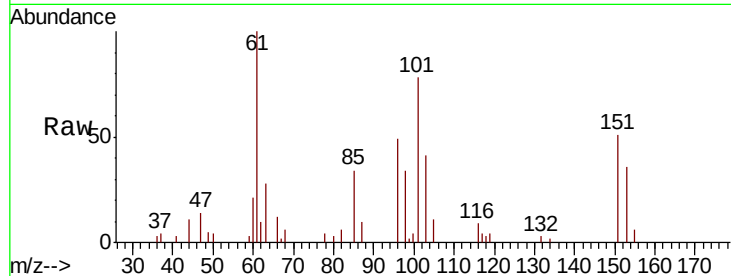
Tot Ion:101 Resp: 16584

Ion Ratio Lower Upper

101 100

85 27.1 0.0 96.2

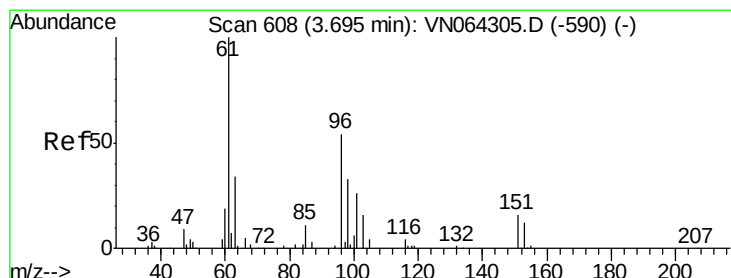
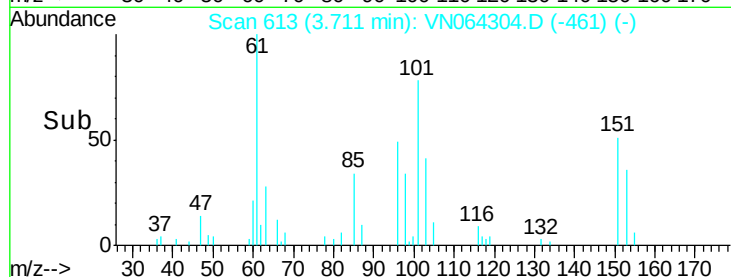
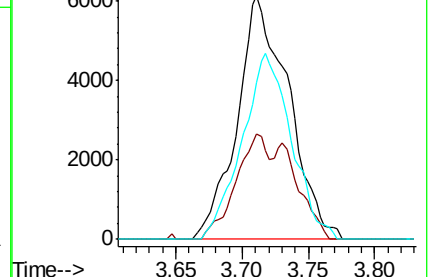
151 73.2 0.0 154.4



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: 5.349 ug/l

RT: 3.69 min Scan# 607

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

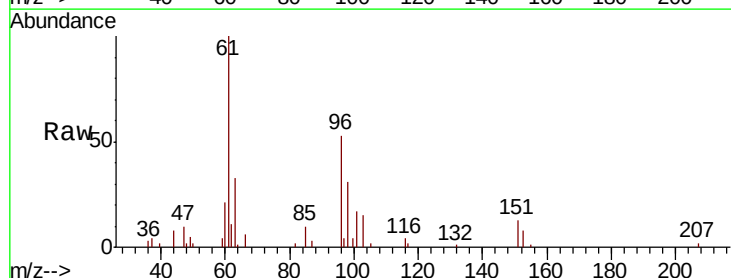
Tgt Ion: 96 Resp: 15126

Ion Ratio Lower Upper

96 100

61 184.4 147.4 221.2

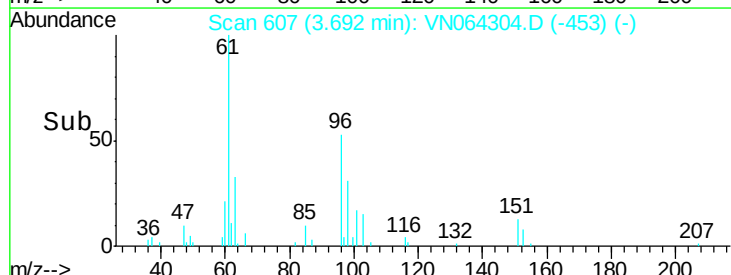
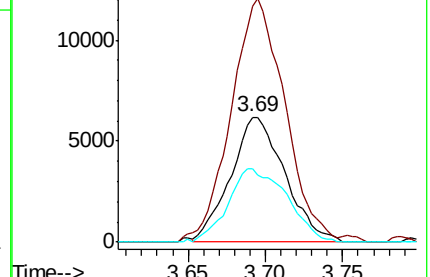
98 58.6 48.8 73.2

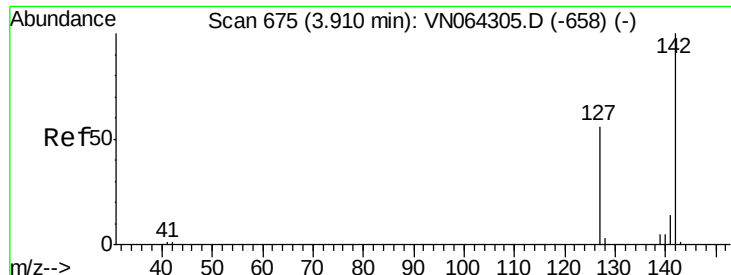


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

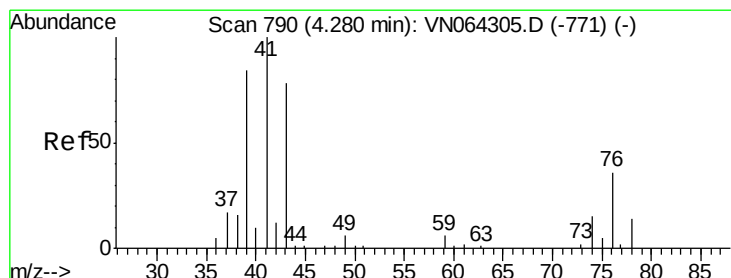
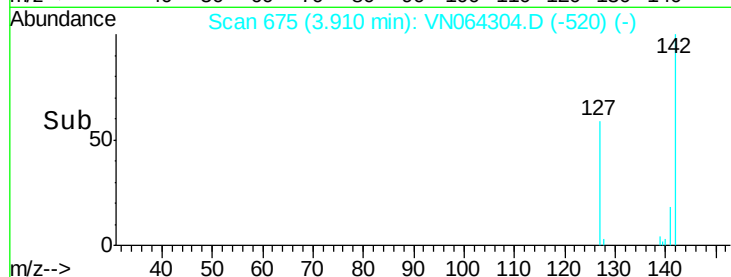
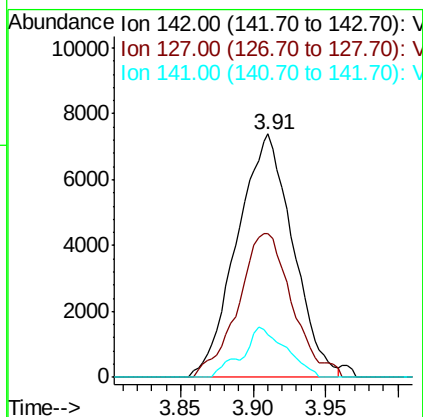
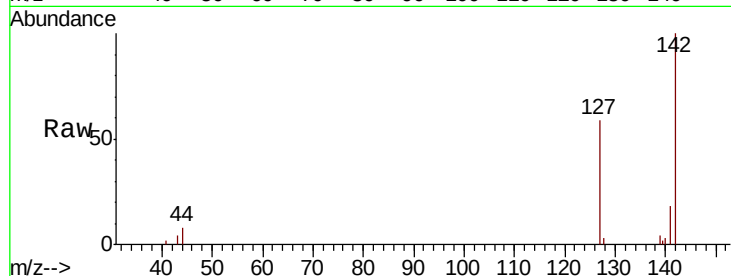




#11
Methvl Iodide
Concen: 4.848 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

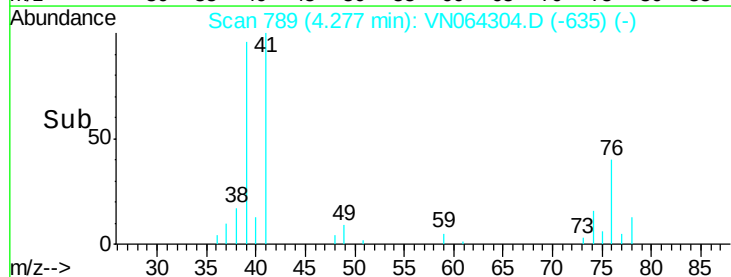
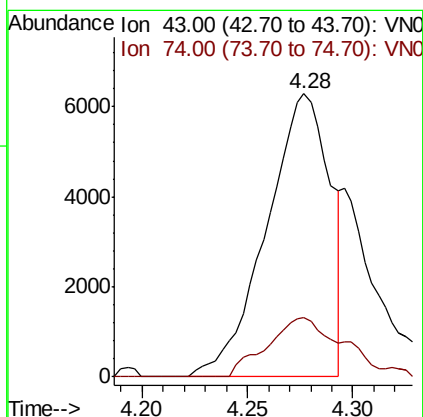
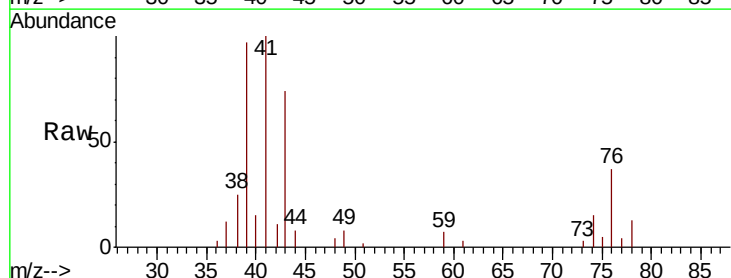
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

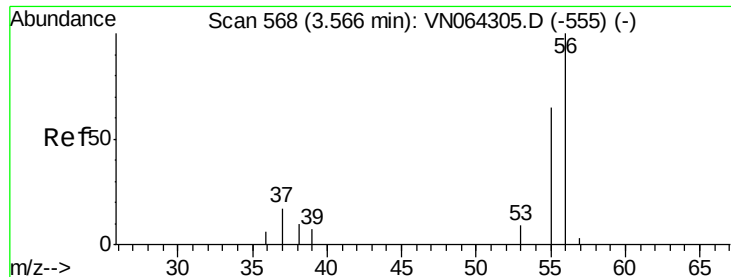
Tot Ion:142 Resp: 19763
Ion Ratio Lower Upper
142 100
127 58.4 27.9 83.7
141 18.0 7.1 21.3



#12
Methyl Acetate
Concen: 3.918 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 43 Resp: 13133
Ion Ratio Lower Upper
43 100
74 21.9 15.4 23.0





#13

Acrolein

Concen: 25.694 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

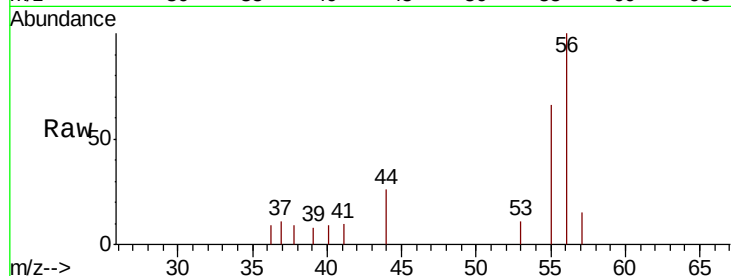
VSTDIC005

Tot Ion: 56 Resp: 6817

Ion Ratio Lower Upper

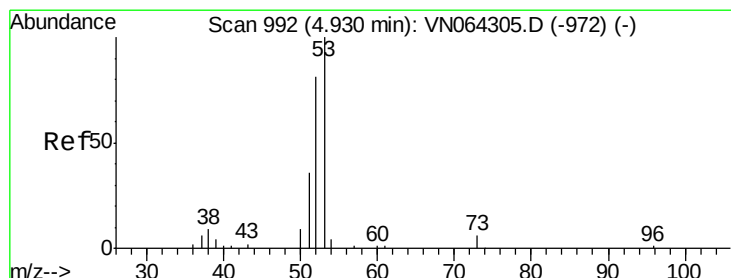
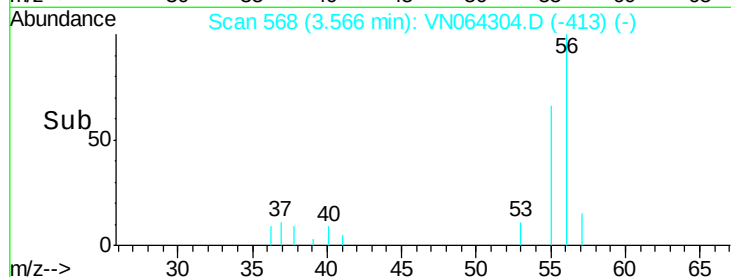
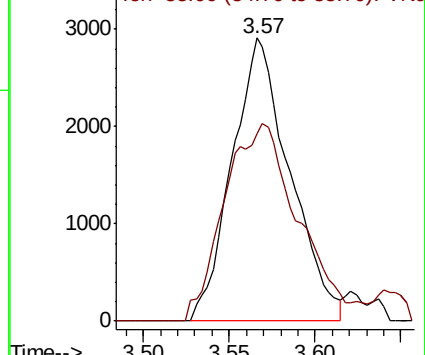
56 100

55 31.4 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 25.993 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

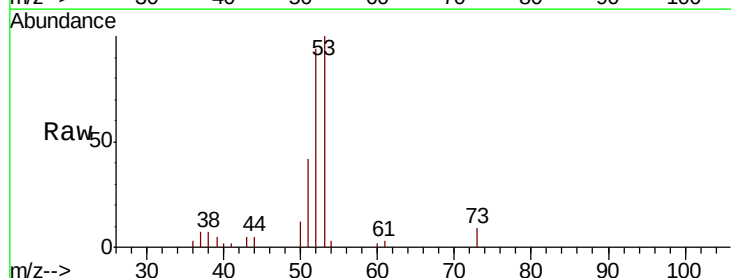
Tgt Ion: 53 Resp: 34600

Ion Ratio Lower Upper

53 100

52 77.0 41.7 125.1

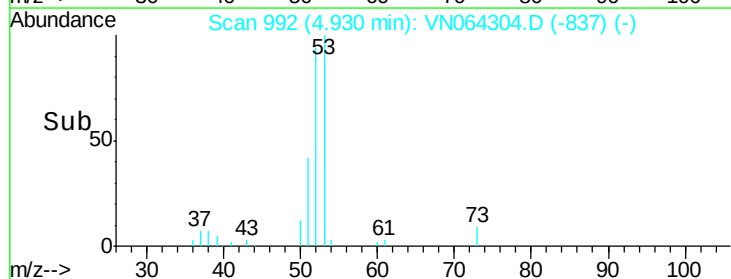
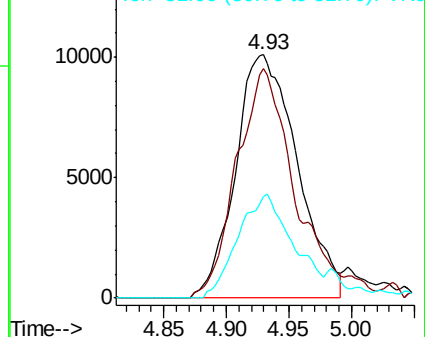
51 34.5 19.4 58.2

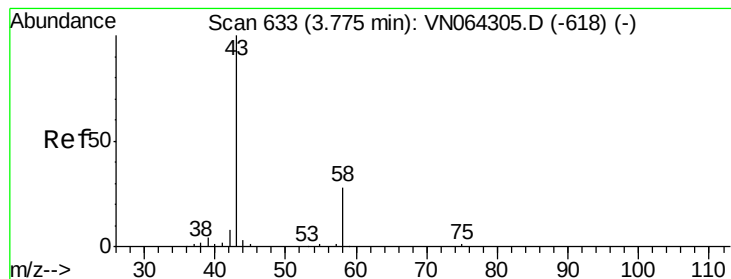


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 30.460 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

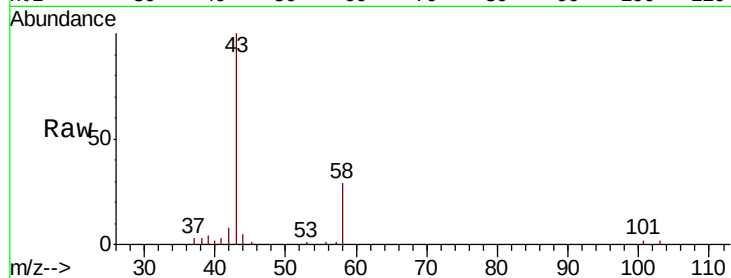
VSTDIC005

Tot Ion: 58 Resp: 12400

Ion Ratio Lower Upper

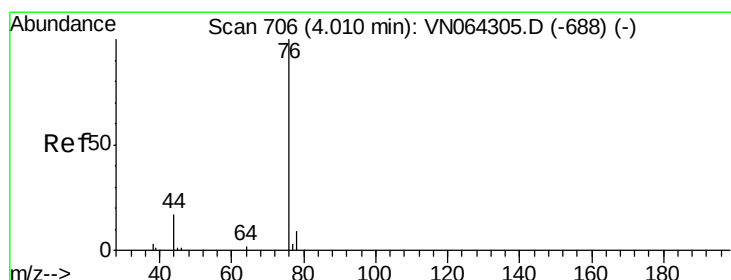
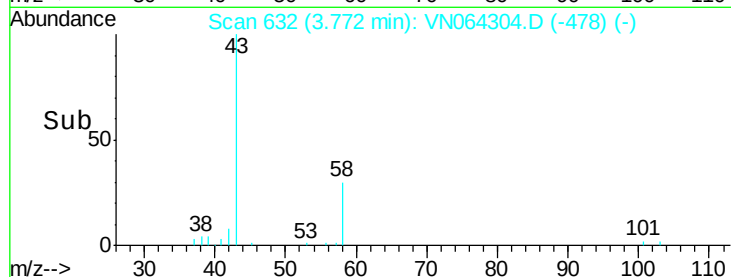
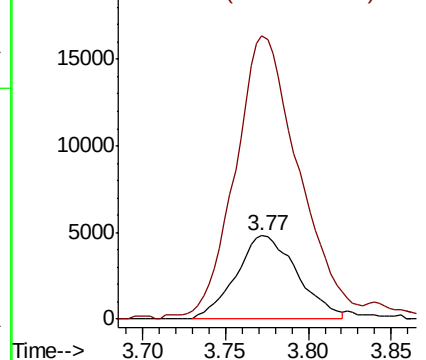
58 100

43 330.1 289.9 434.9



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 5.744 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064304.D

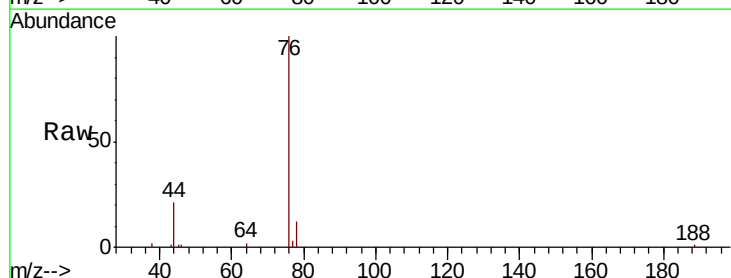
Acq: 26 Oct 2020 15:55

Tgt Ion: 76 Resp: 47209

Ion Ratio Lower Upper

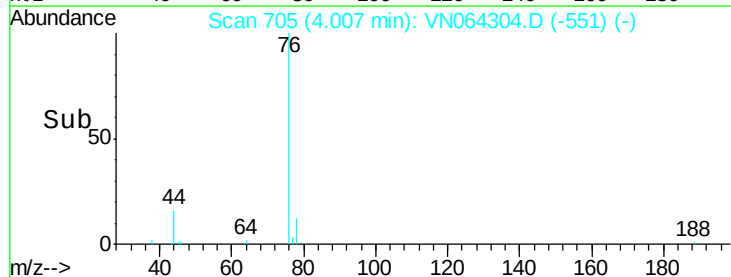
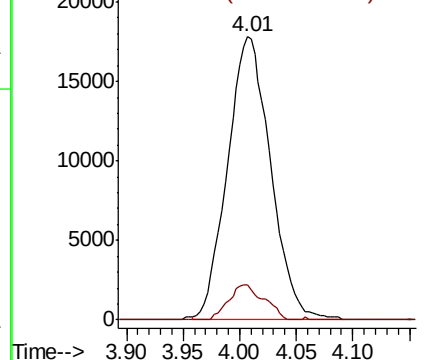
76 100

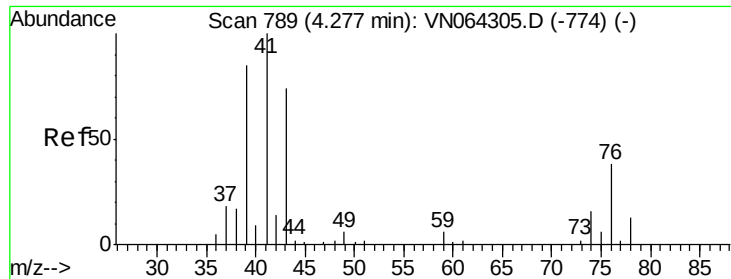
78 12.3 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

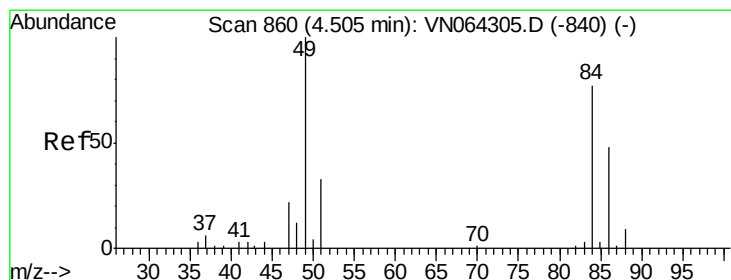
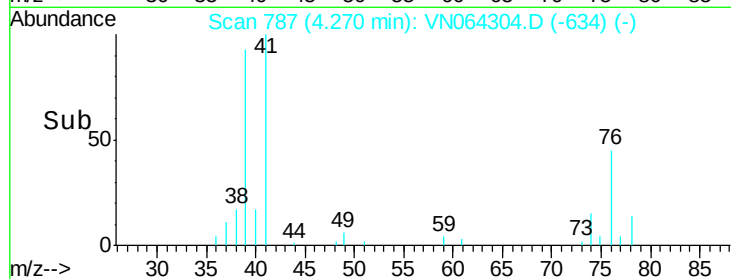
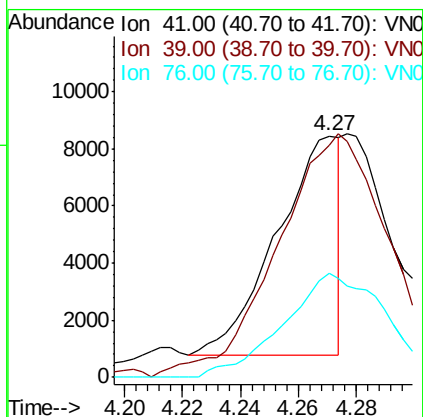
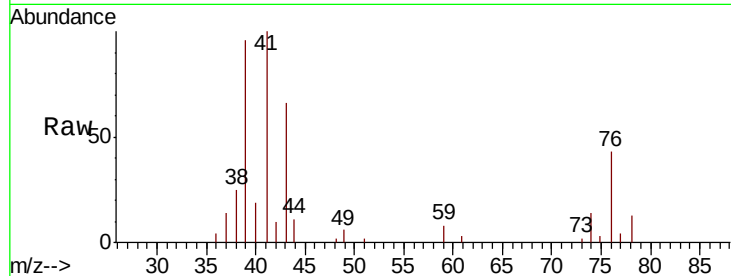




#17
Allvl chloride
Concen: 2.123 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

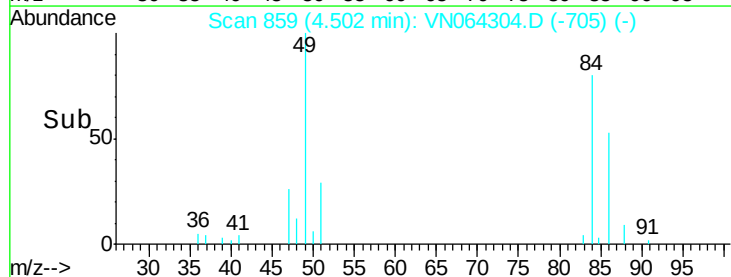
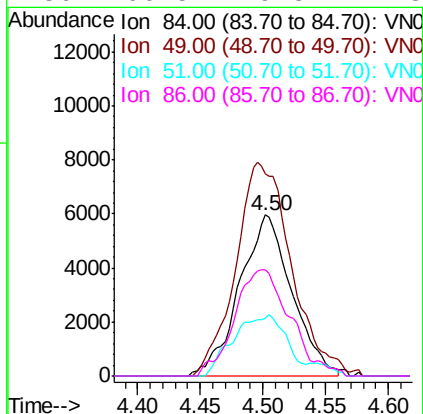
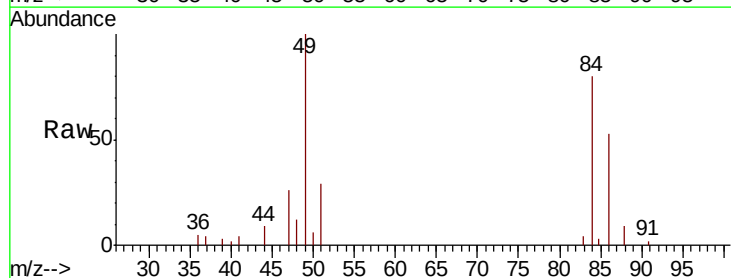
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

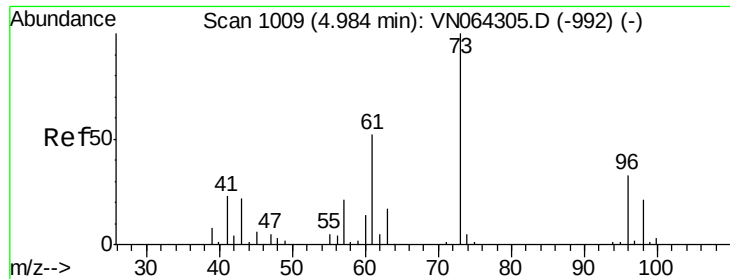
Tot Ion: 41 Resp: 11524
Ion Ratio Lower Upper
41 100
39 99.1 40.3 120.9
76 47.3 17.6 52.9



#18
Methylene Chloride
Concen: 5.191 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 84 Resp: 17293
Ion Ratio Lower Upper
84 100
49 125.7 103.1 154.7
51 36.1 33.8 50.8
86 66.5 49.8 74.8

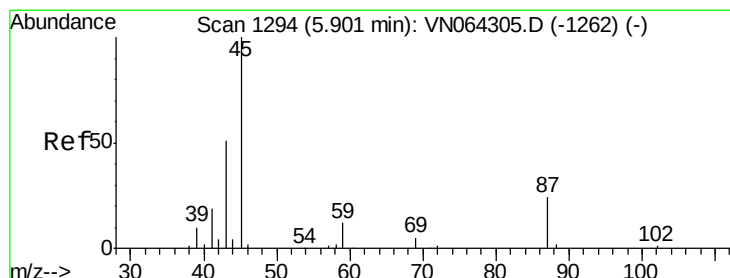
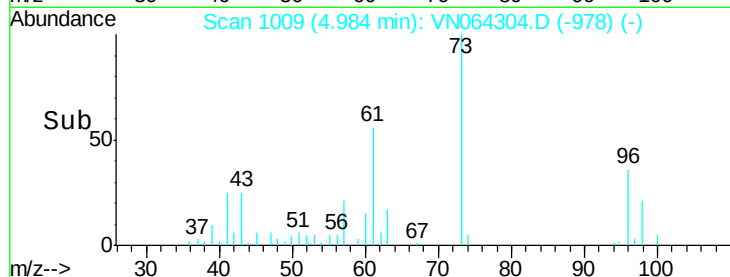
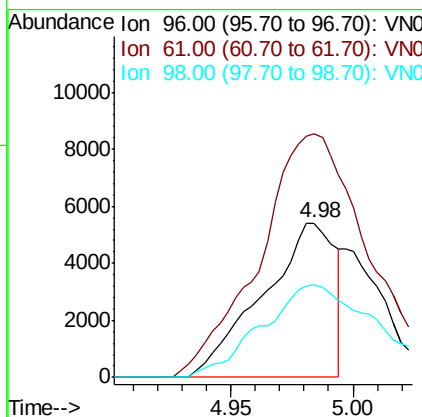
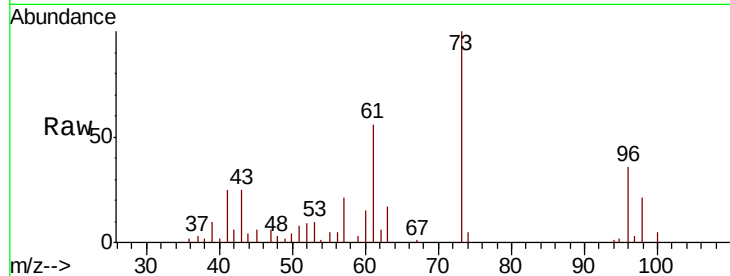




#19
trans-1,2-Dichloroethene
Concen: 3.505 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

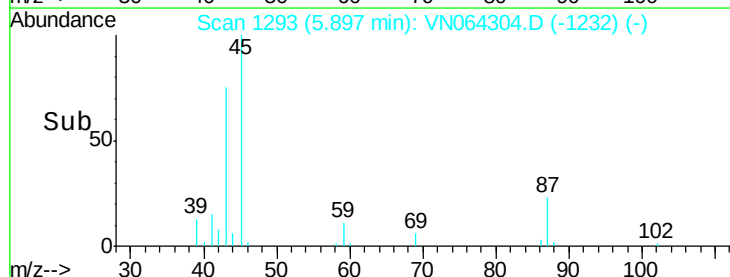
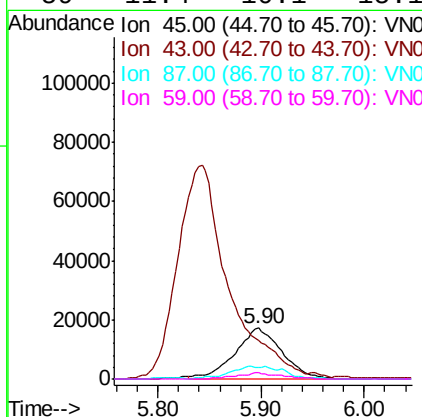
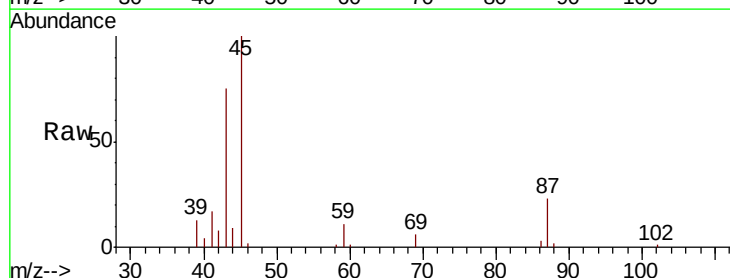
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

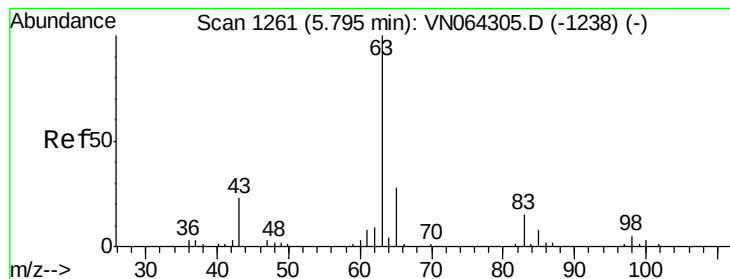
Tot Ion: 96 Resp: 11109
Ion Ratio Lower Upper
96 100
61 149.5 126.9 190.3
98 59.8 50.6 76.0



#20
Diisopropyl ether
Concen: 5.209 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 45 Resp: 54507
Ion Ratio Lower Upper
45 100
43 70.4 56.6 85.0
87 22.5 20.3 30.5
59 11.4 10.1 15.1





#21

1,1-Dichloroethane

Concen: 2.829 ug/l

RT: 5.79 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

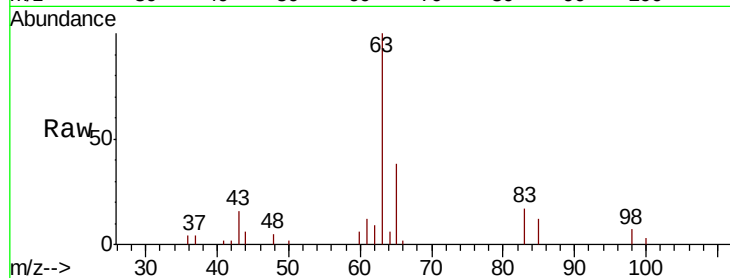
Tot Ion: 63 Resp: 17434

Ion Ratio Lower Upper

63 100

98 7.1 2.6 8.0

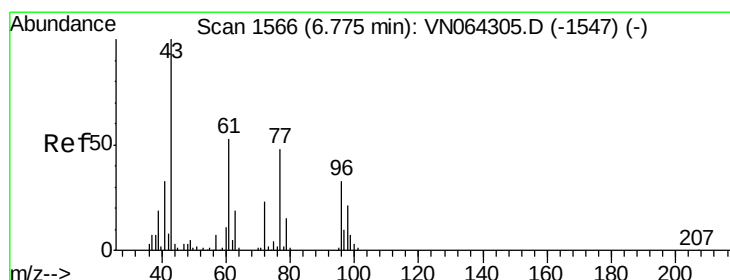
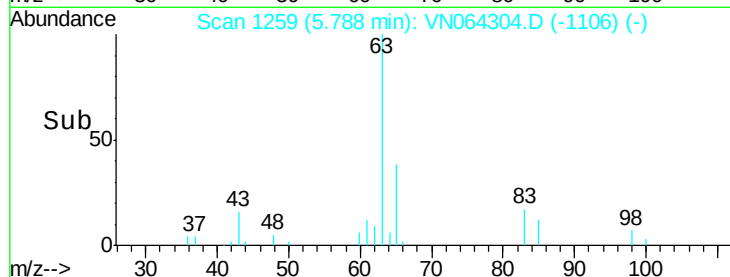
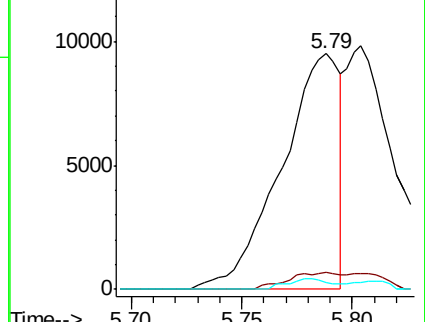
100 2.7 1.6 4.8



Abundance Ion 63.00 (62.70 to 63.70): VN064304.D (-1106) (-)

Ion 98.00 (97.70 to 98.70): VN064304.D (-1106) (-)

Ion 100.00 (99.70 to 100.70): VN064304.D (-1106) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.217 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

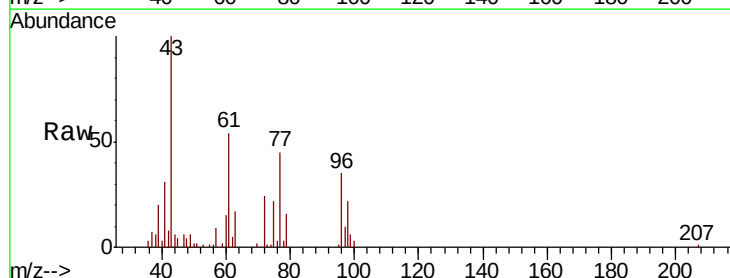
Tgt Ion: 96 Resp: 19187

Ion Ratio Lower Upper

96 100

61 163.9 133.0 199.6

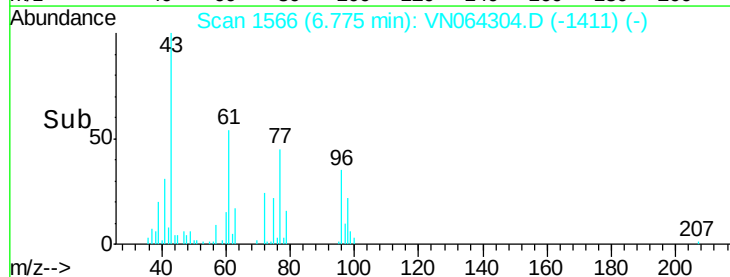
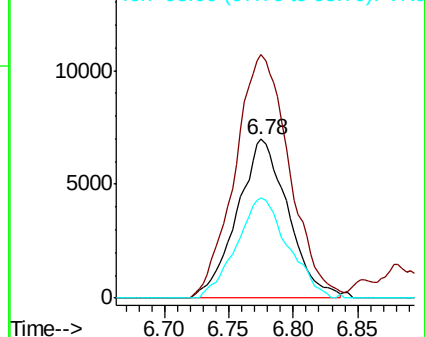
98 63.5 51.6 77.4

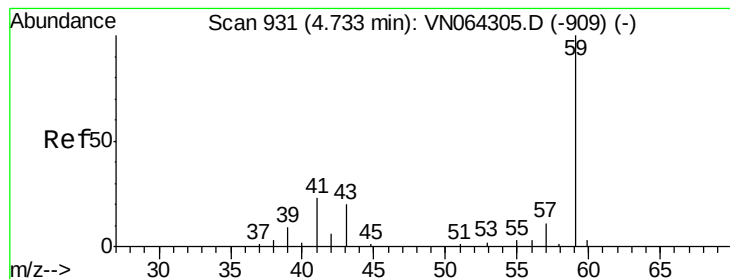


Abundance Ion 96.00 (95.70 to 96.70): VN064304.D (-1411) (-)

Ion 61.00 (60.70 to 61.70): VN064304.D (-1411) (-)

Ion 98.00 (97.70 to 98.70): VN064304.D (-1411) (-)





#23

tert-Butyl Alcohol

Concen: 11.996 ug/l

RT: 4.72 min Scan# 926

Delta R.T. -0.02 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

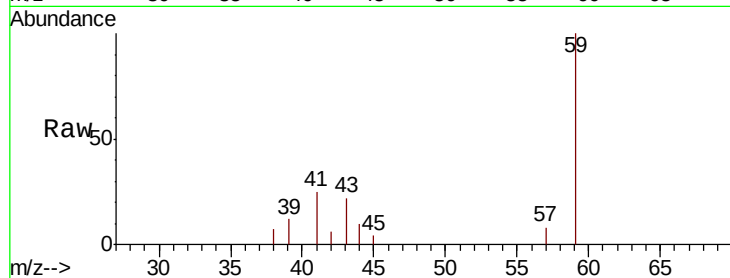
VSTDIC005

Tot Ion: 59 Resp: 7322

Ion Ratio Lower Upper

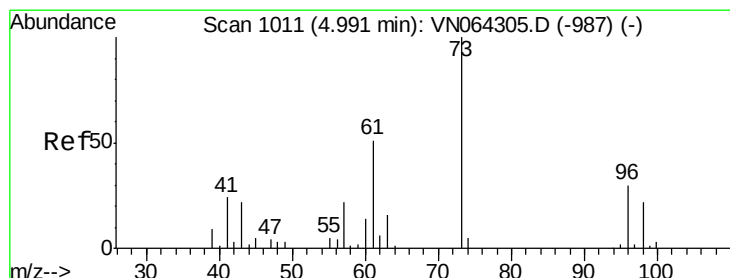
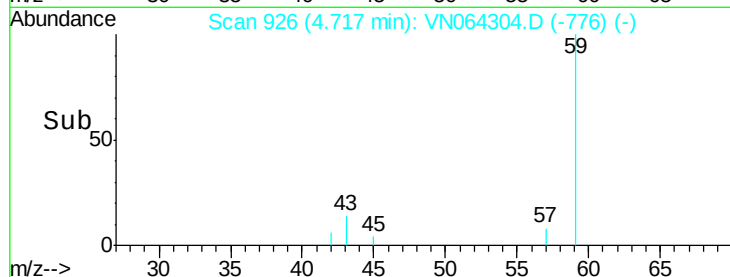
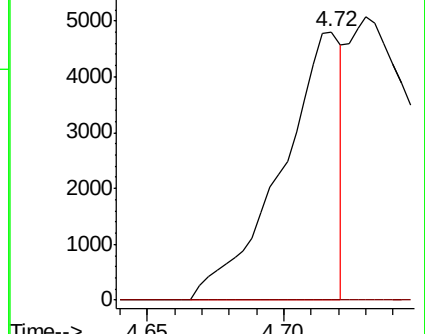
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 5.663 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VN064304.D

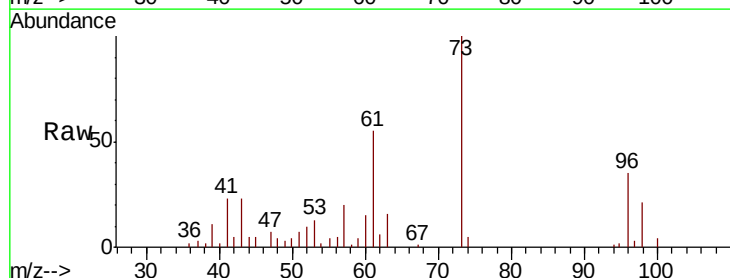
Acq: 26 Oct 2020 15:55

Tgt Ion: 73 Resp: 57037

Ion Ratio Lower Upper

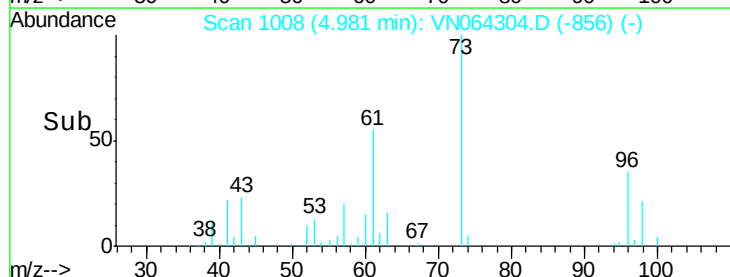
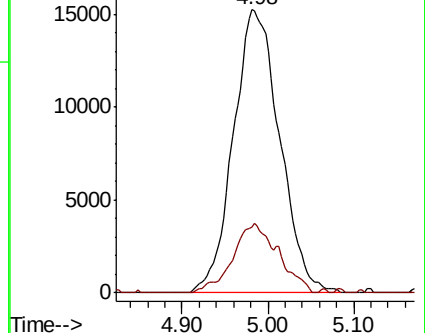
73 100

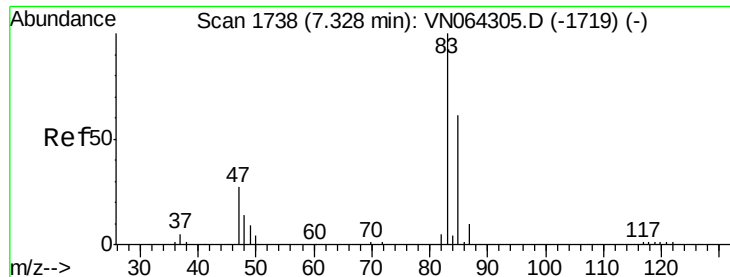
43 13.6 19.4 29.2#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

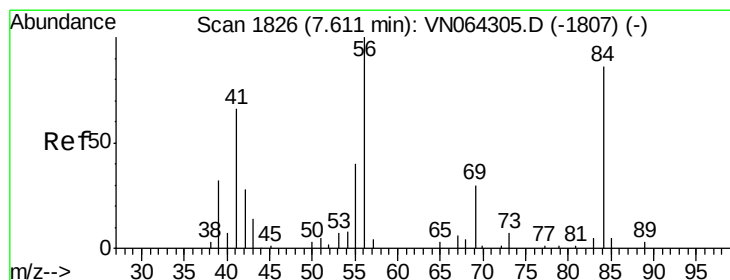
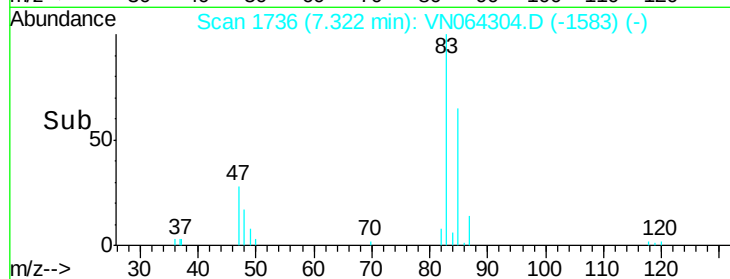
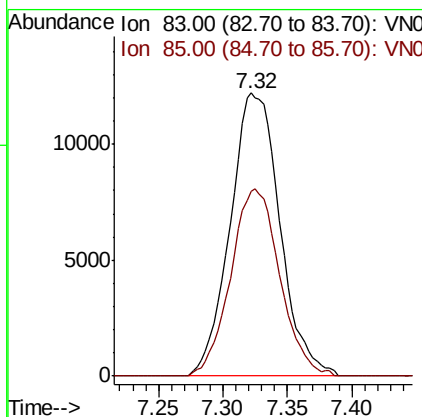
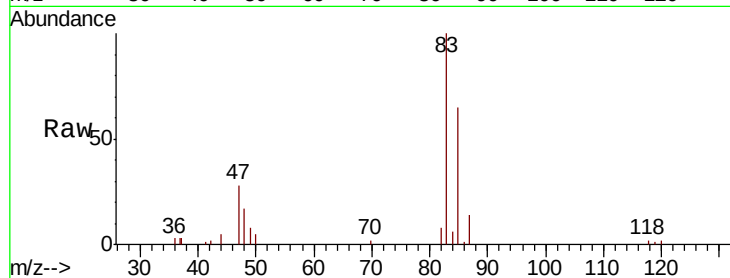




#25
Chloroform
Concen: 4.924 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

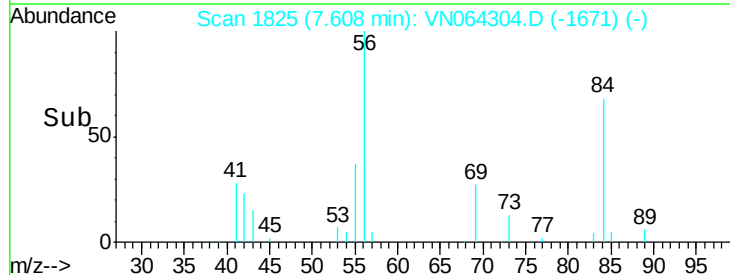
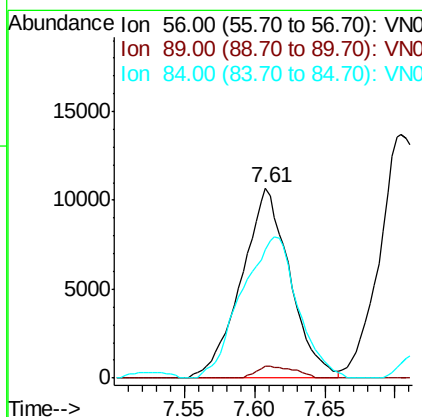
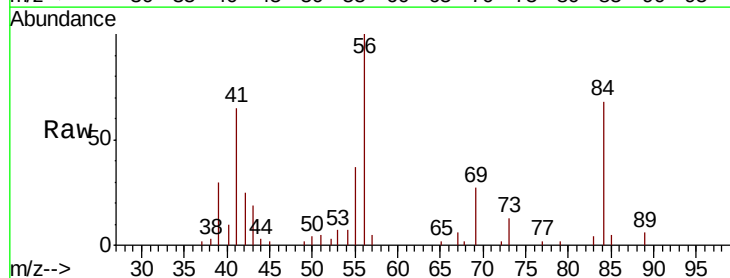
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

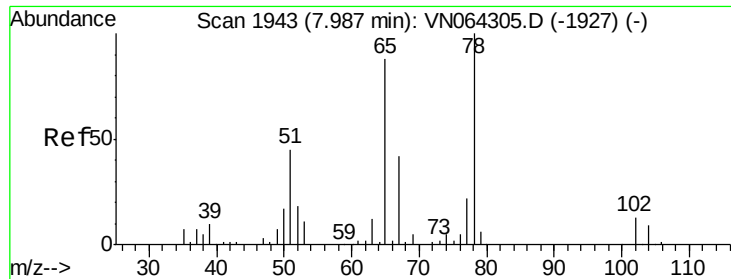
Tot Ion: 83 Resp: 32769
Ion Ratio Lower Upper
83 100
85 65.1 48.6 73.0



#26
Cyclohexane
Concen: 5.353 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 56 Resp: 25714
Ion Ratio Lower Upper
56 100
89 4.9 1.0 1.6#
84 86.2 67.5 101.3

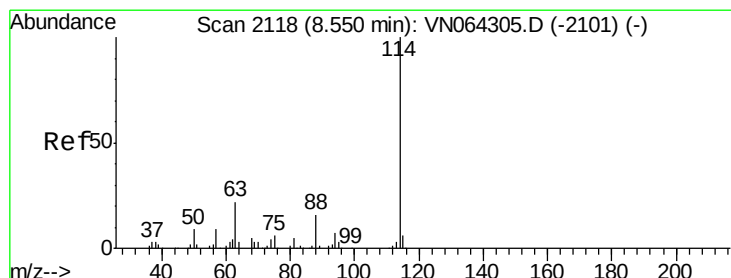
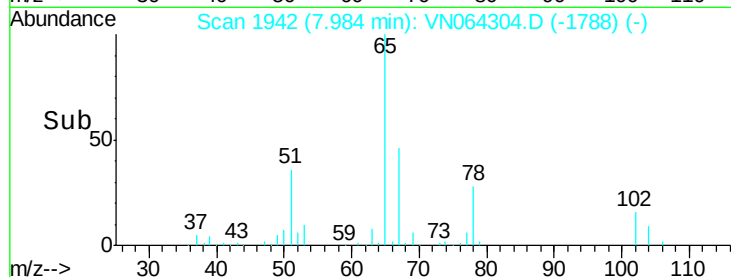
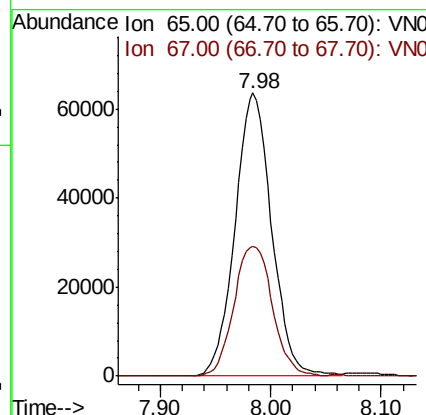
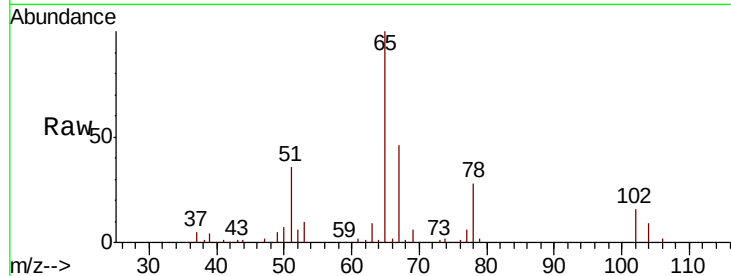




#27
 1,2-Dichloroethane-d4
 Concen: 32.054 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

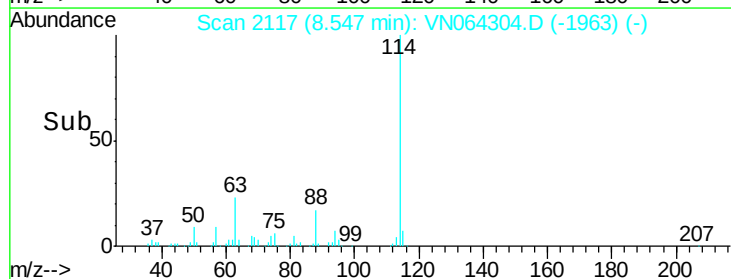
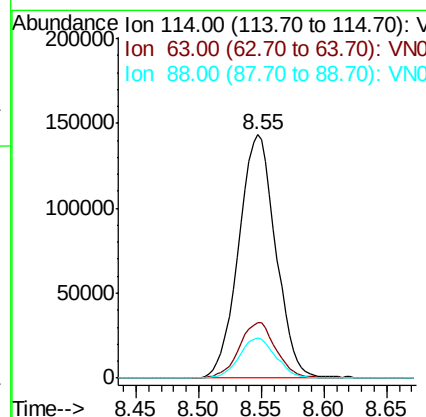
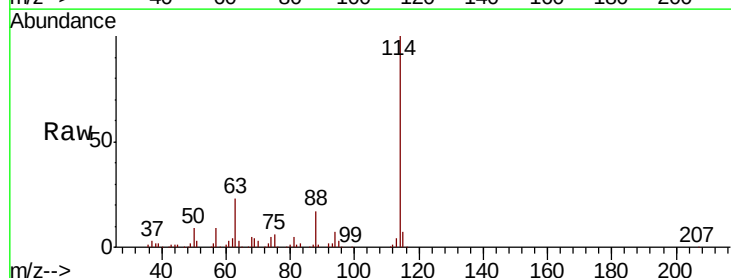
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

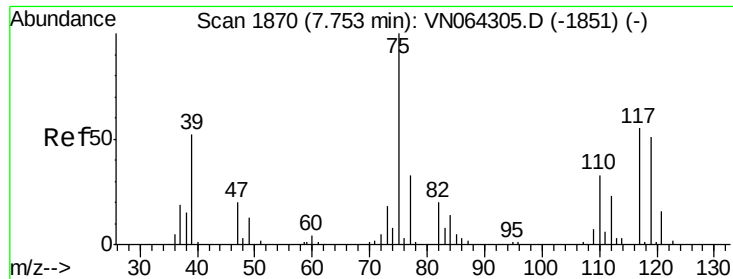
Tot Ion: 65 Resp: 146456
 Ion Ratio Lower Upper
 65 100
 67 48.3 38.5 57.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 114 Resp: 294901
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.3 27.5
 88 16.3 13.2 19.8

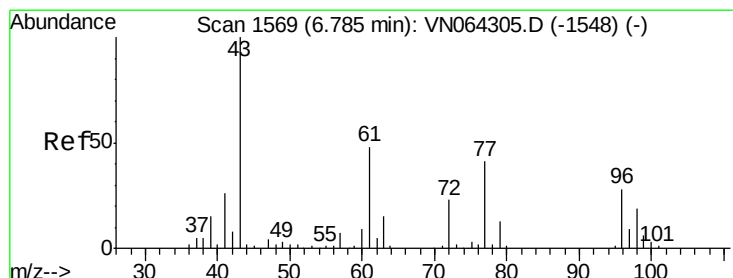
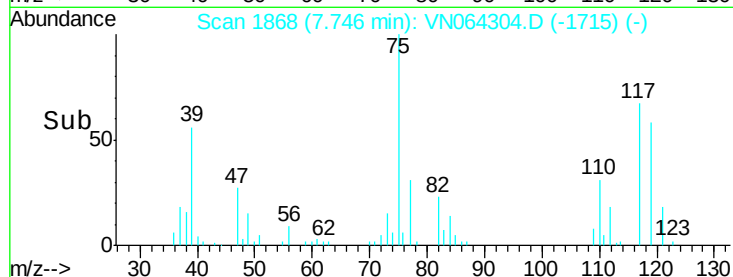
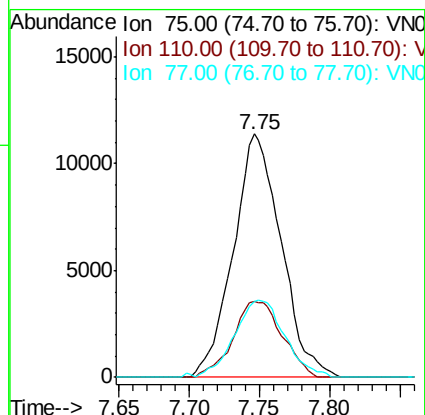
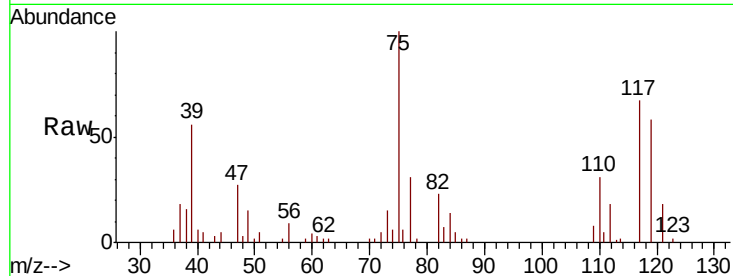




#29
 1,1-Dichloropropene
 Concen: 5.418 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

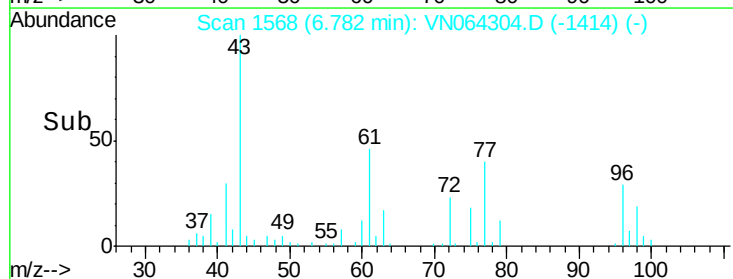
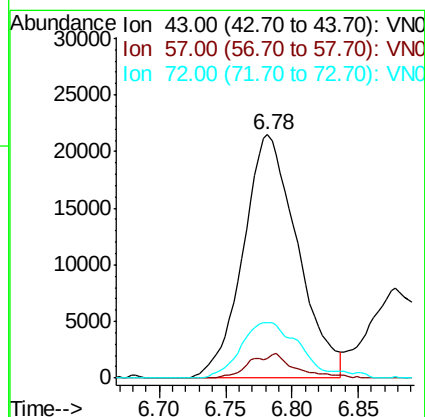
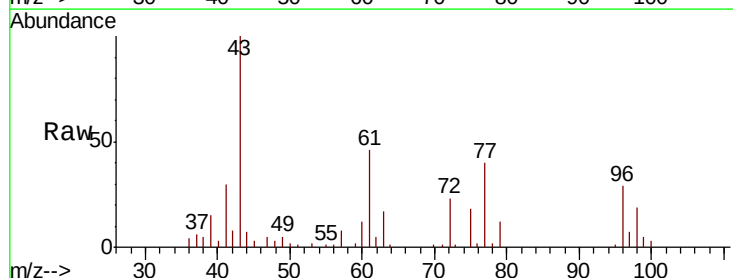
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

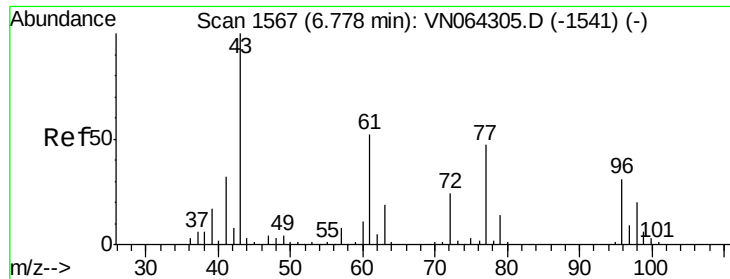
Tot Ion: 75 Resp: 27021
 Ion Ratio Lower Upper
 75 100
 110 32.1 0.0 64.4
 77 33.4 0.0 63.6



#30
 2-Butanone
 Concen: 27.474 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 43 Resp: 61238
 Ion Ratio Lower Upper
 43 100
 57 5.1 4.1 6.1
 72 24.1 19.0 28.6

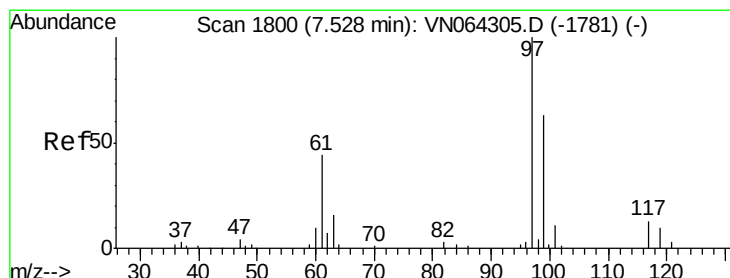
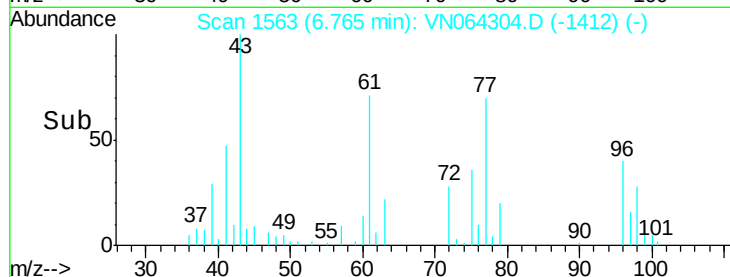
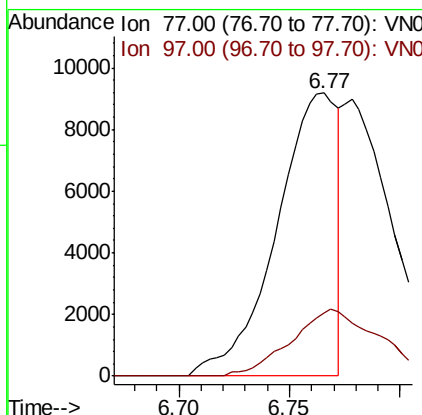
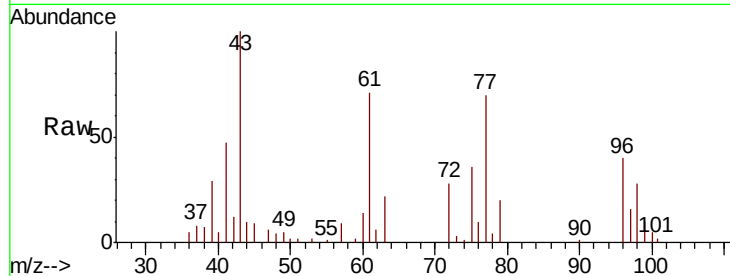




#31
 2,2-Dichloropropane
 Concen: 2.847 ug/l
 RT: 6.77 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

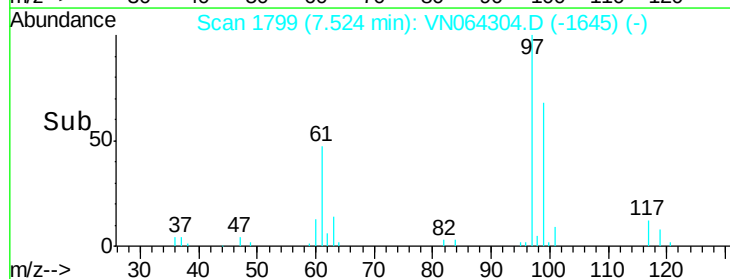
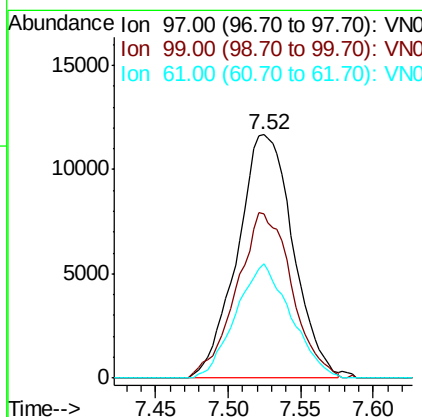
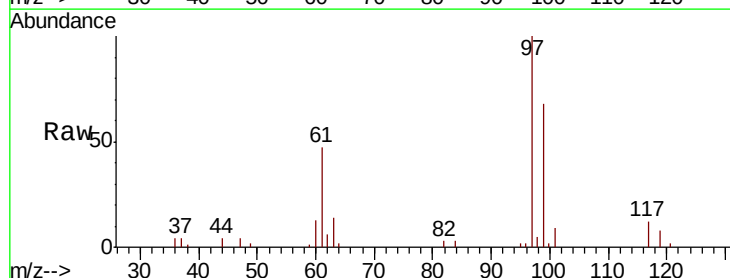
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

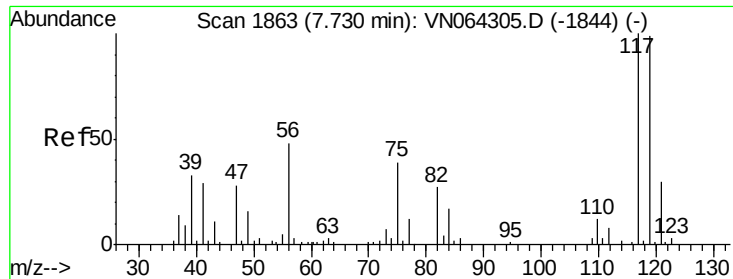
Tot Ion: 77 Resp: 17649
 Ion Ratio Lower Upper
 77 100
 97 29.0 5.8 8.8#



#32
 1,1,1-Trichloroethane
 Concen: 4.890 ug/l
 RT: 7.52 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 97 Resp: 31184
 Ion Ratio Lower Upper
 97 100
 99 67.3 51.6 77.4
 61 46.4 36.4 54.6

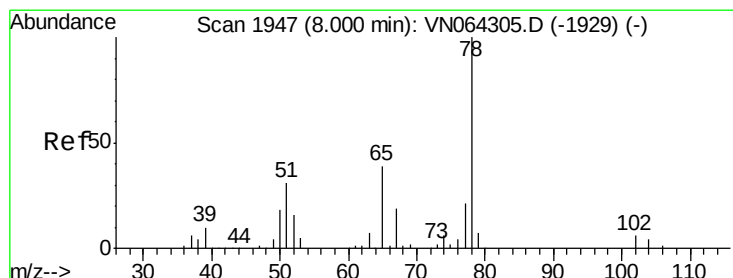
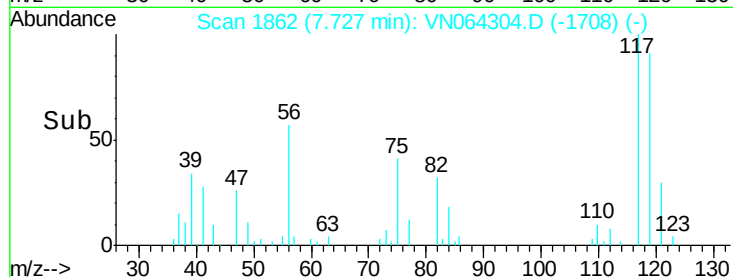
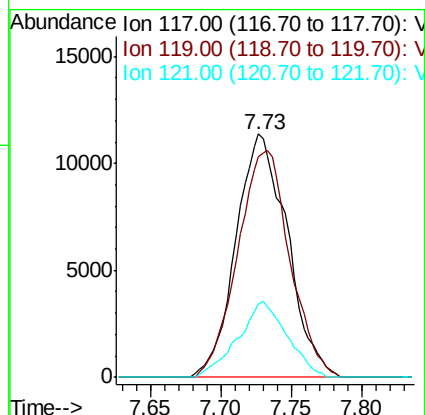
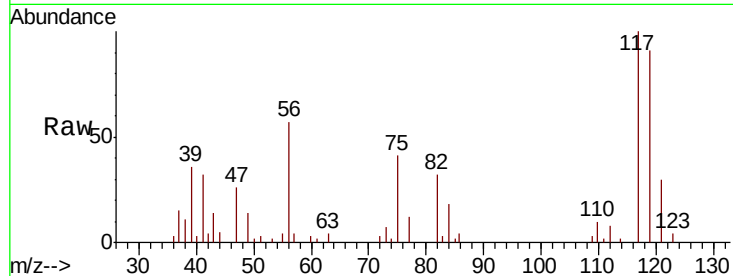




#33
Carbon Tetrachloride
Concen: 5.054 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

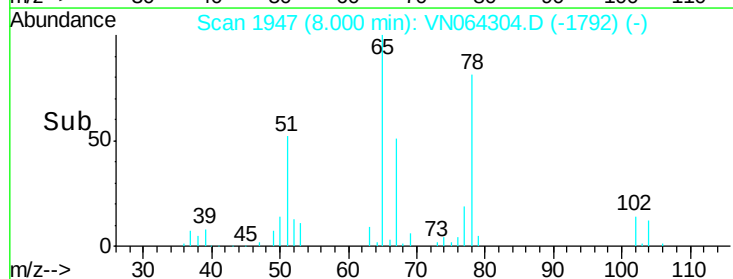
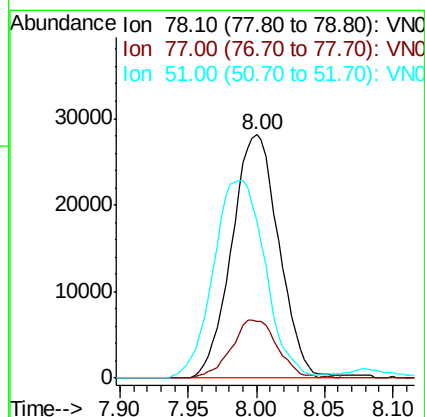
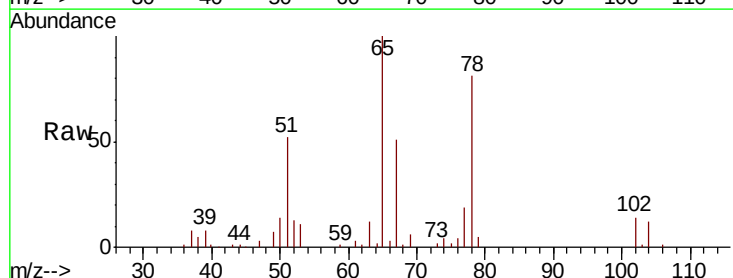
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

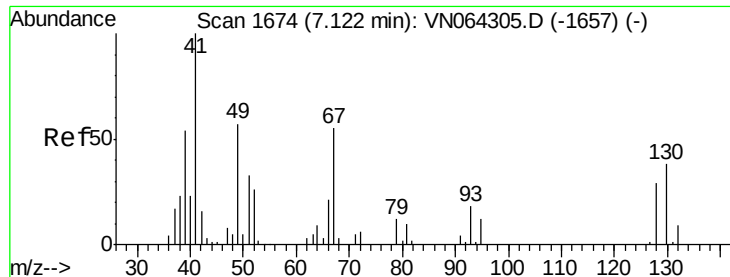
Tot Ion:117 Resp: 28917
Ion Ratio Lower Upper
117 100
119 90.6 79.3 118.9
121 30.2 24.6 37.0



#34
Benzene
Concen: 4.960 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 78 Resp: 67697
Ion Ratio Lower Upper
78 100
77 23.1 16.5 24.7
51 62.5 24.5 36.7#

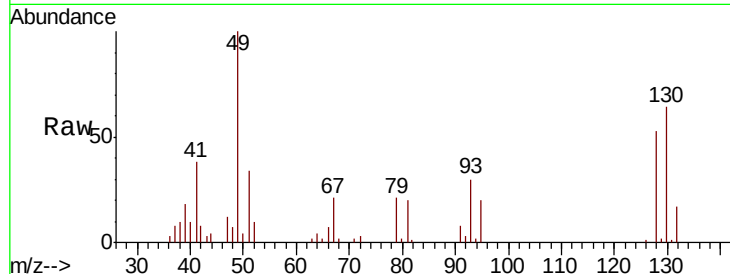




#35
Methacrylonitrile
Concen: 4.024 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	9024
Ion	Ratio	Lower	Upper
41	100		
39	43.6	27.1	81.2
67	55.2	27.7	83.1
52	28.5	13.2	39.5



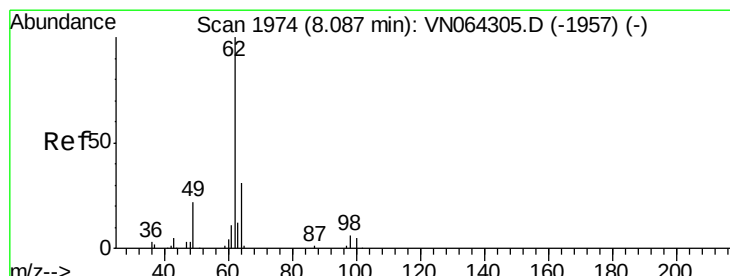
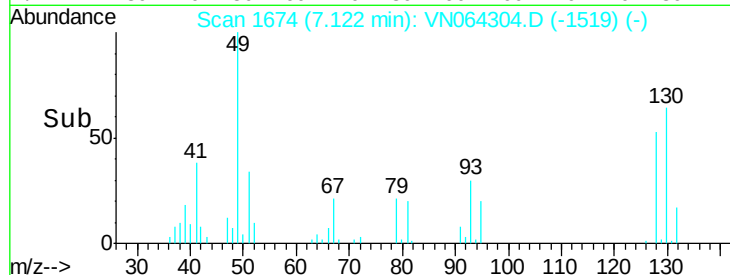
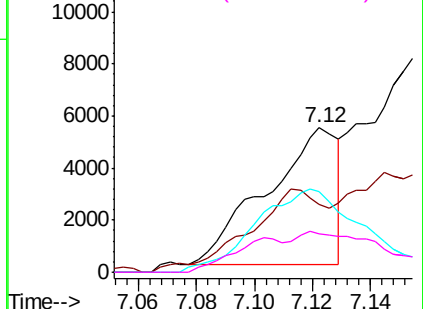
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

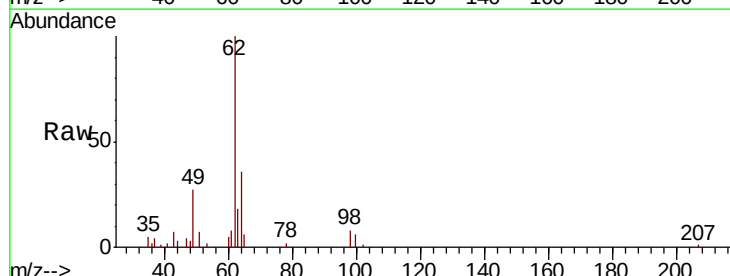
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#36
1,2-Dichloroethane
Concen: 5.387 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

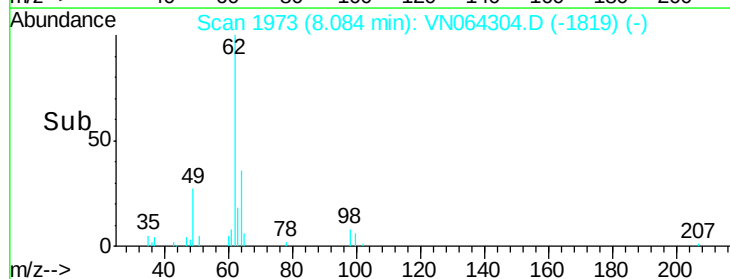
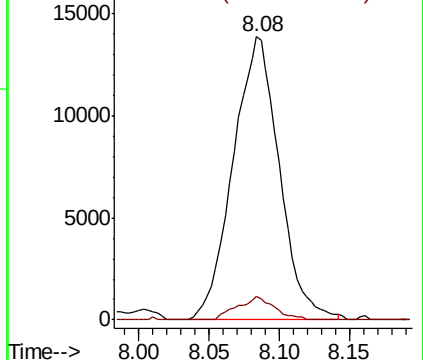
Tgt Ion:	62	Resp:	31815
Ion	Ratio	Lower	Upper
62	100		
98	6.6	3.4	5.0#

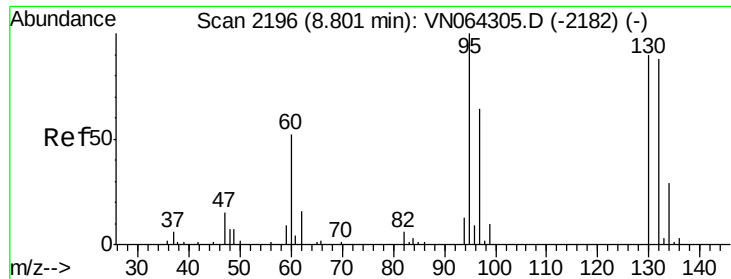


Abundance

Ion 62.00 (61.70 to 62.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

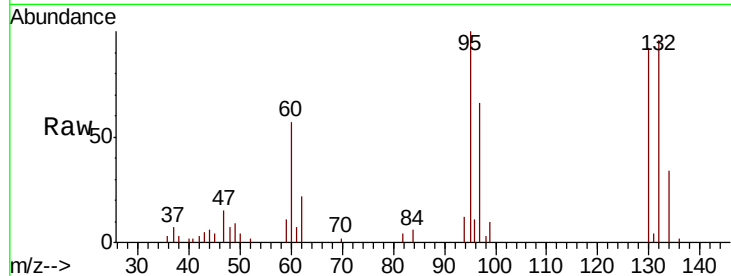




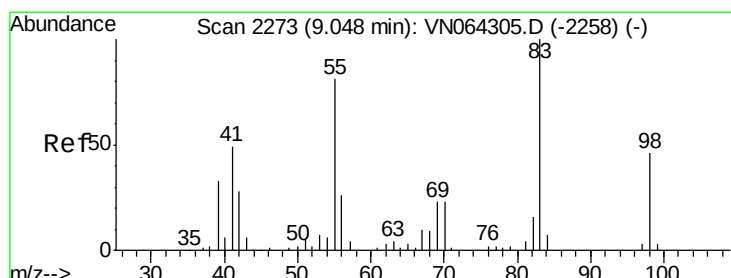
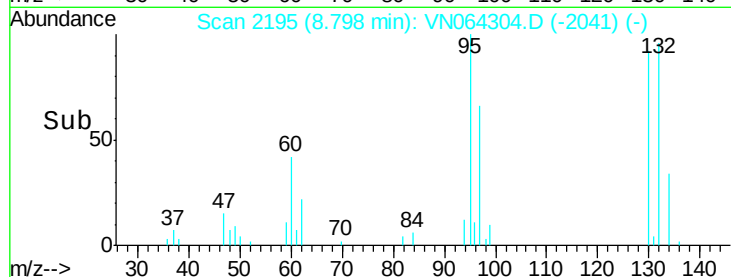
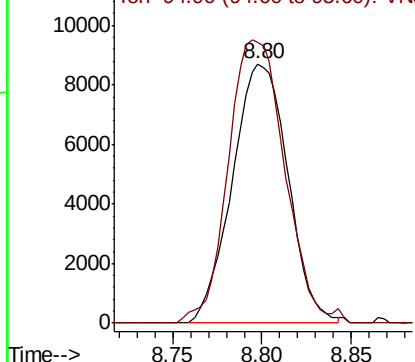
#37
 Trichloroethene
 Concen: 5.077 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 18910
 Ion Ratio Lower Upper
 130 100
 95 104.5 88.8 133.2

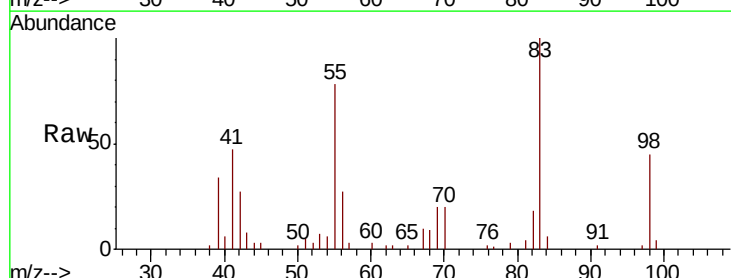


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

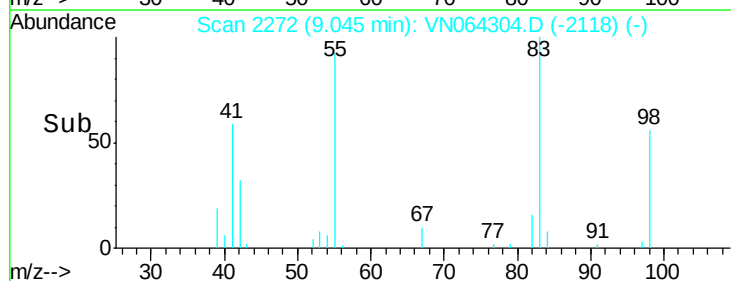
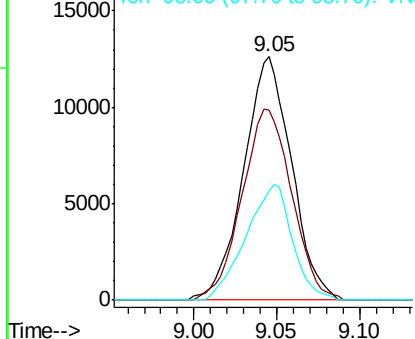


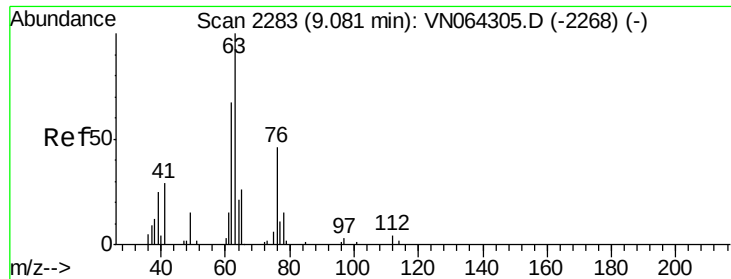
#38
 Methylcyclohexane
 Concen: 5.526 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 83 Resp: 25328
 Ion Ratio Lower Upper
 83 100
 55 81.6 40.3 120.8
 98 46.2 22.8 68.3



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

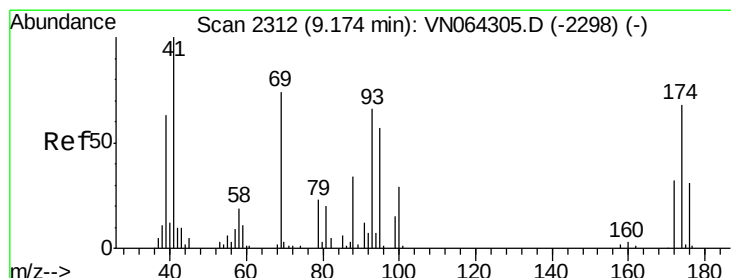
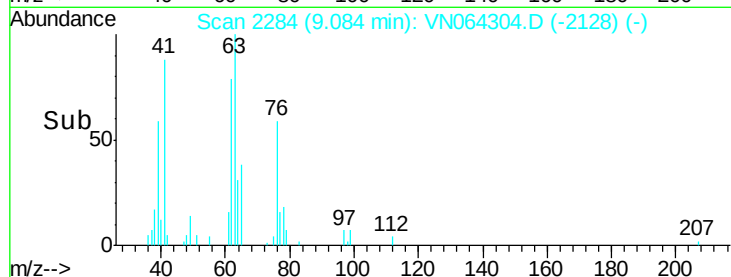
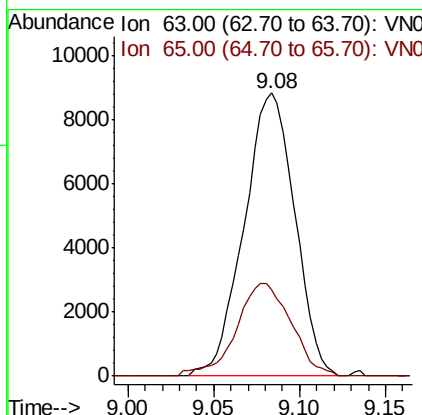
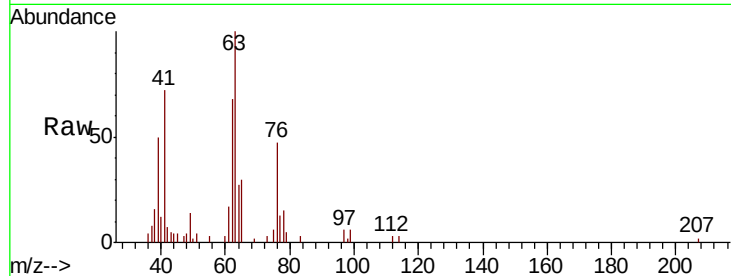




#39
 1,2-Dichloropropane
 Concen: 4.921 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

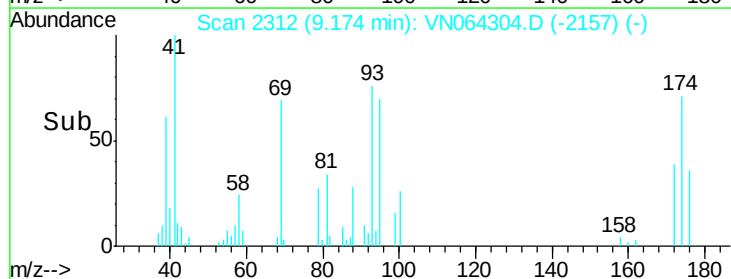
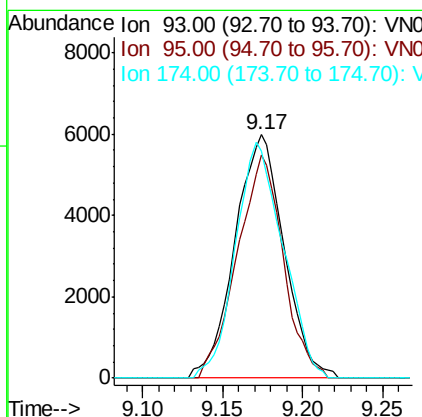
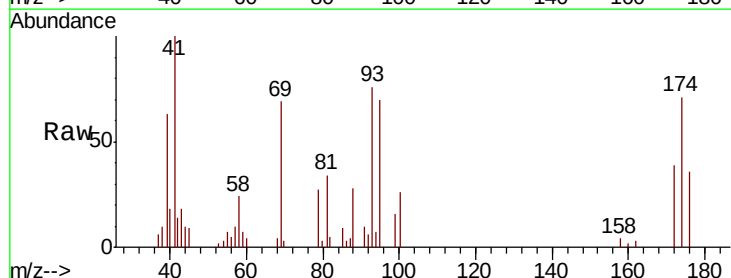
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

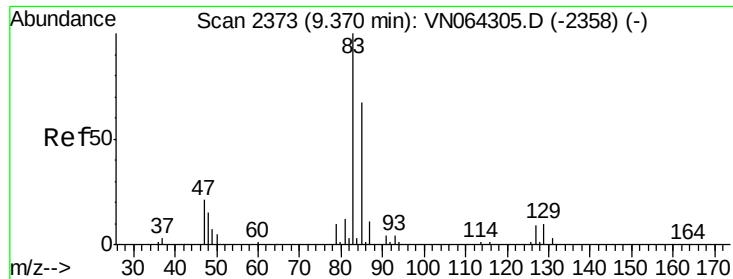
Tot Ion: 63 Resp: 18099
 Ion Ratio Lower Upper
 63 100
 65 30.3 22.6 33.8



#40
 Dibromomethane
 Concen: 4.941 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 93 Resp: 12575
 Ion Ratio Lower Upper
 93 100
 95 85.4 0.0 174.4
 174 93.5 0.0 188.0





#41

Bromodichloromethane

Concen: 4.921 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

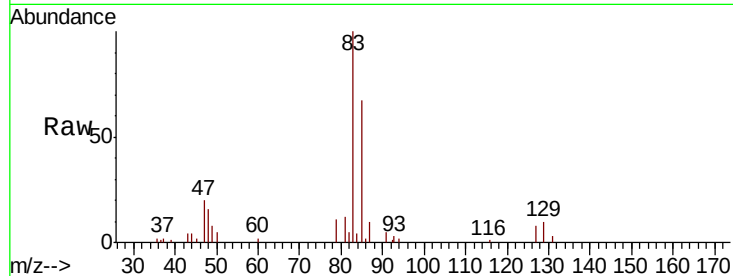
Tot Ion: 83 Resp: 27112

Ion Ratio Lower Upper

83 100

85 66.9 53.4 80.0

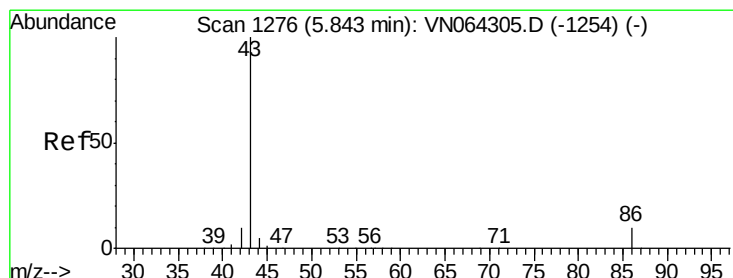
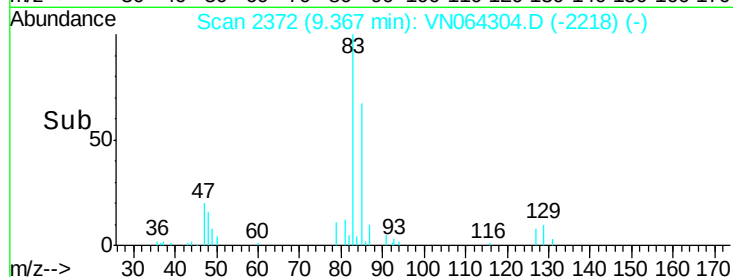
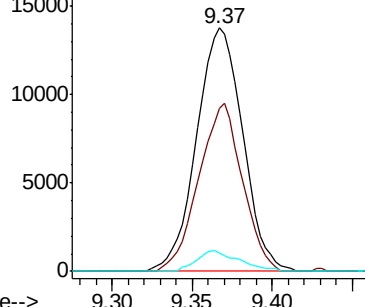
127 7.8 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN064305.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN064305.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN064305.D (-2358) (-)



#42

Vinyl Acetate

Concen: 25.385 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064304.D

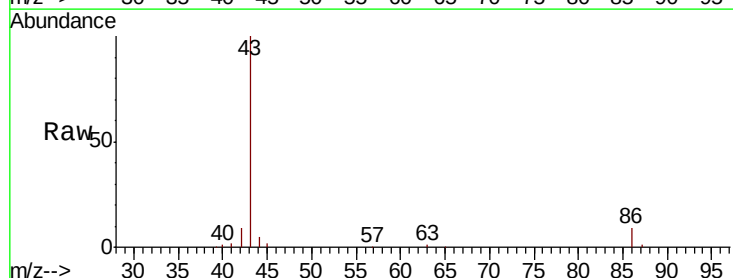
Acq: 26 Oct 2020 15:55

Tgt Ion: 43 Resp: 248879

Ion Ratio Lower Upper

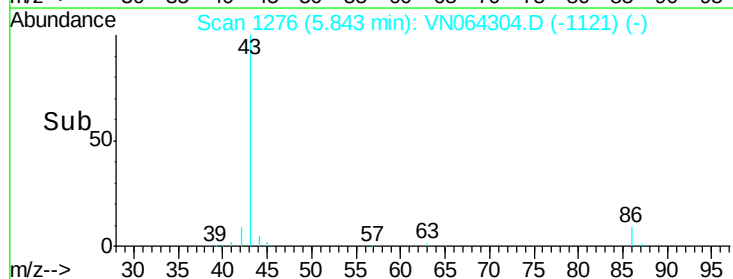
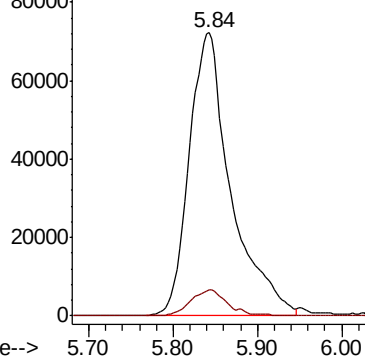
43 100

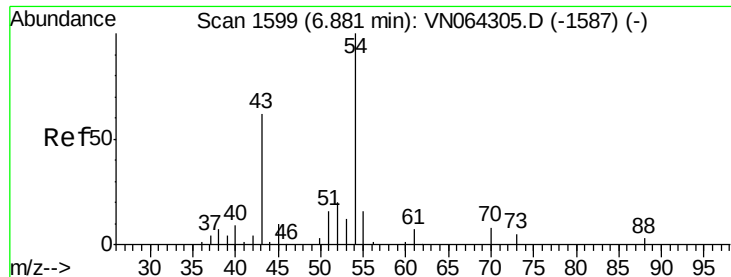
86 7.5 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN064305.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064305.D (-1254) (-)





#43

Ethyl Acetate

Concen: 4.514 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

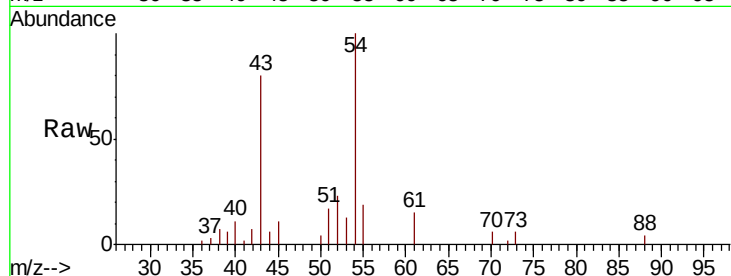
VSTDIC005

Tot Ion: 43 Resp: 21303

Ion Ratio Lower Upper

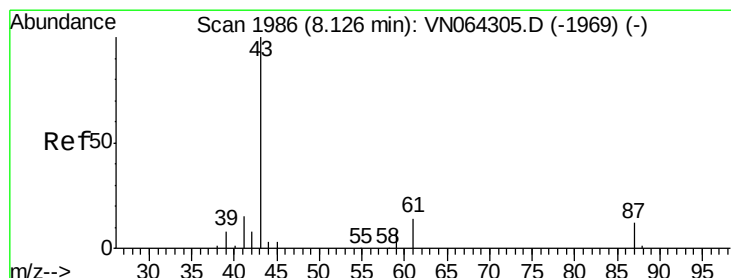
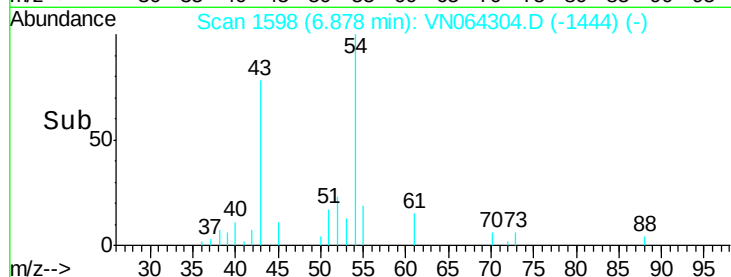
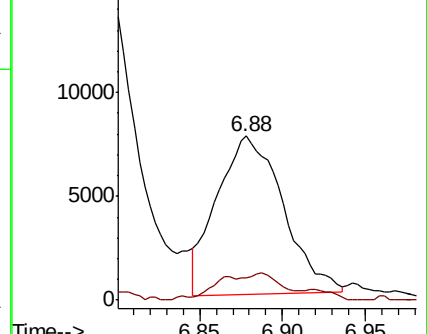
43 100

45 4.3 4.0 6.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 5.432 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064304.D

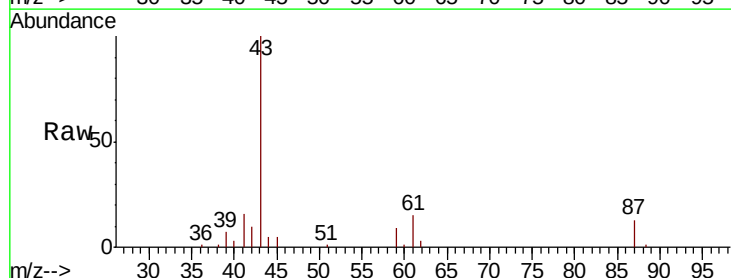
Acq: 26 Oct 2020 15:55

Tgt Ion: 43 Resp: 45817

Ion Ratio Lower Upper

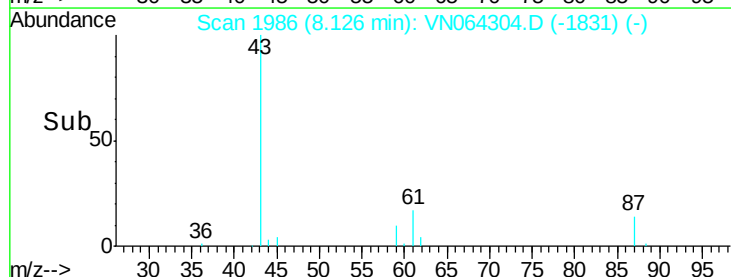
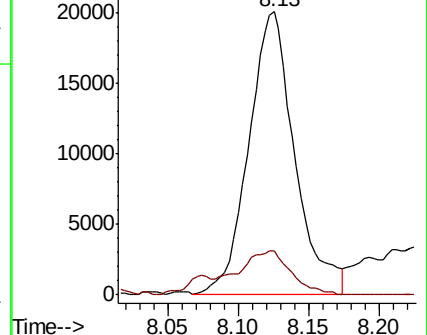
43 100

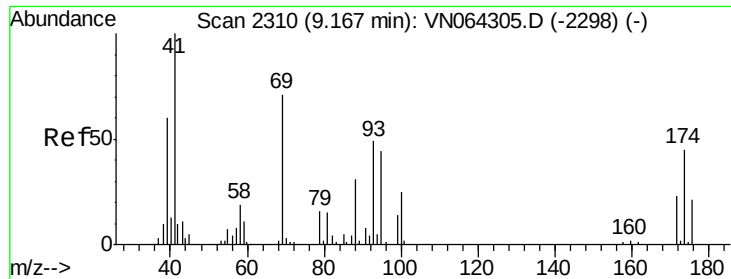
61 15.7 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 75.479 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

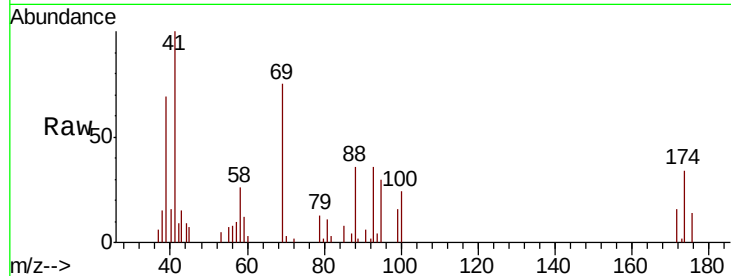
Tot Ion: 88 Resp: 4104

Ion Ratio Lower Upper

88 100

43 16.0 31.2 46.8#

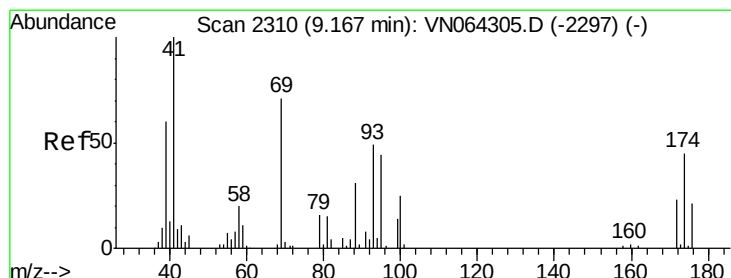
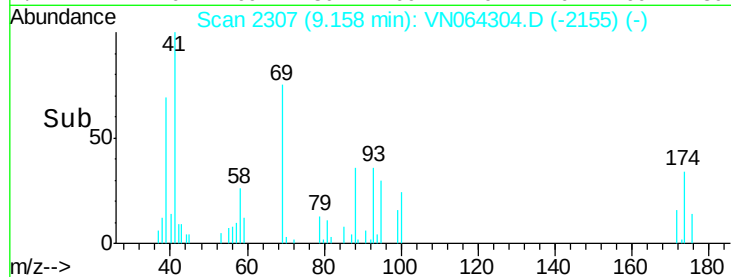
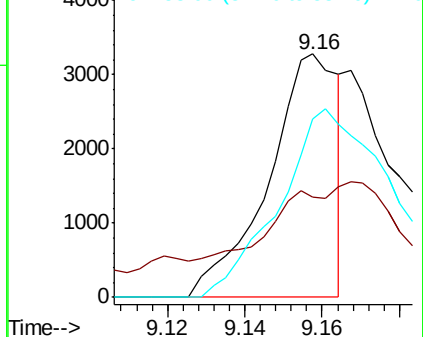
58 125.5 55.4 83.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 5.032 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

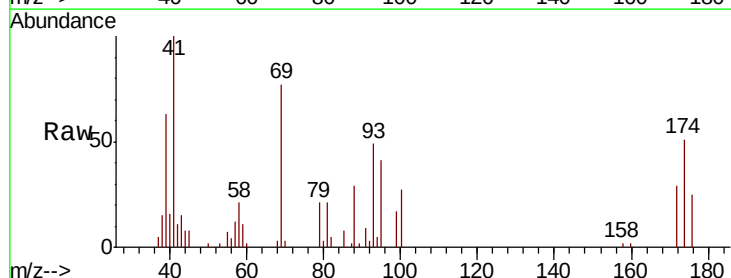
Tgt Ion: 41 Resp: 20631

Ion Ratio Lower Upper

41 100

69 78.9 35.3 105.9

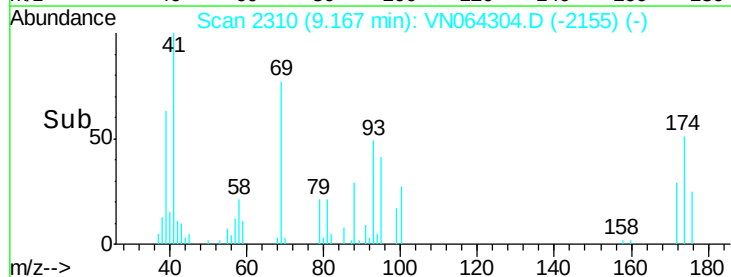
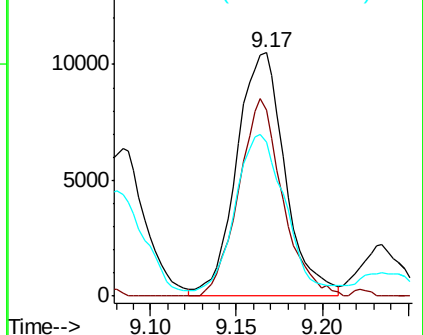
39 62.7 30.2 90.6

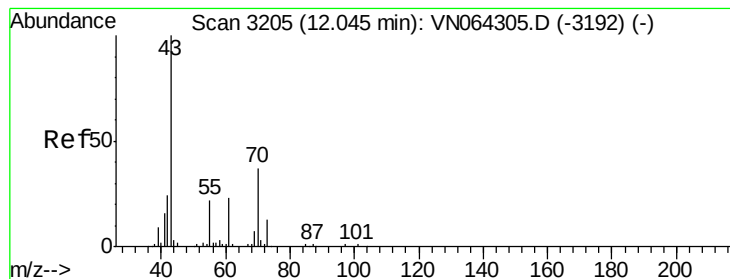


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 4.422 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

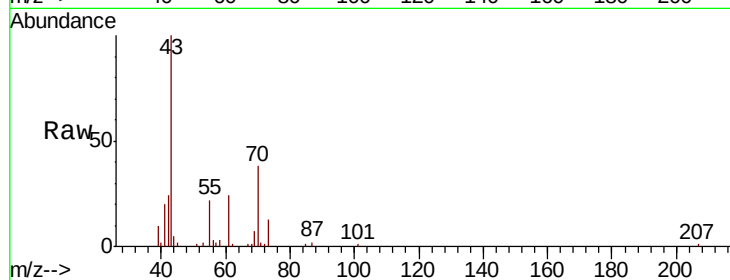
VSTDIC005

Tot Ion: 43 Resp: 32304

Ion Ratio Lower Upper

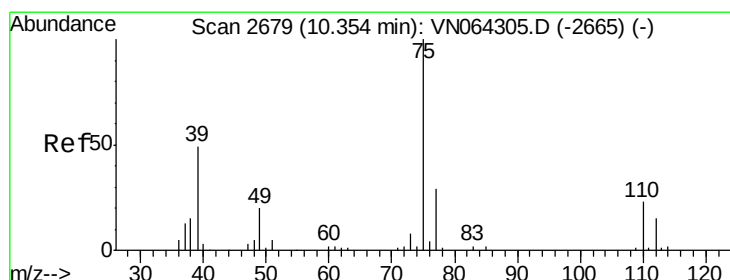
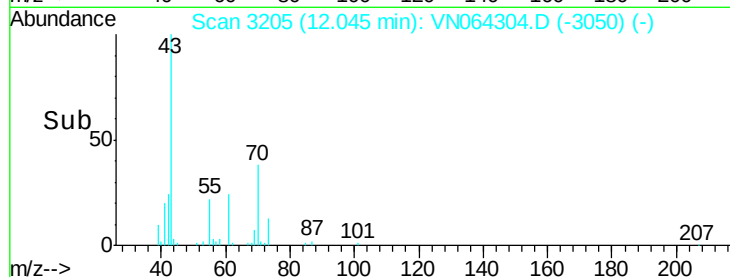
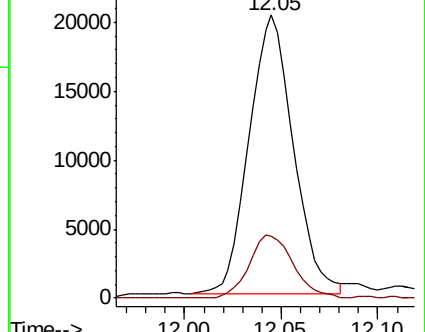
43 100

55 22.4 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VN064305.D (-3192) (-)

Ion 55.00 (54.70 to 55.70): VN064305.D (-3192) (-)



#48

t-1,3-Dichloropropene

Concen: 4.814 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.01 min

Lab File: VN064304.D

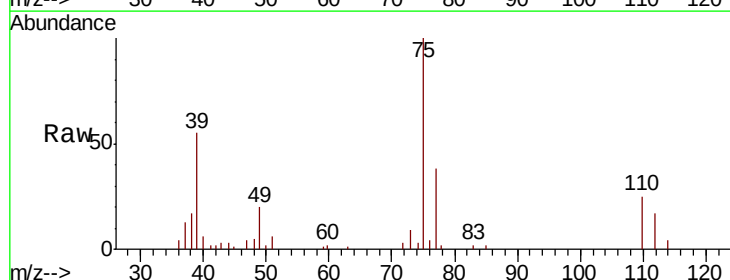
Acq: 26 Oct 2020 15:55

Tgt Ion: 75 Resp: 29810

Ion Ratio Lower Upper

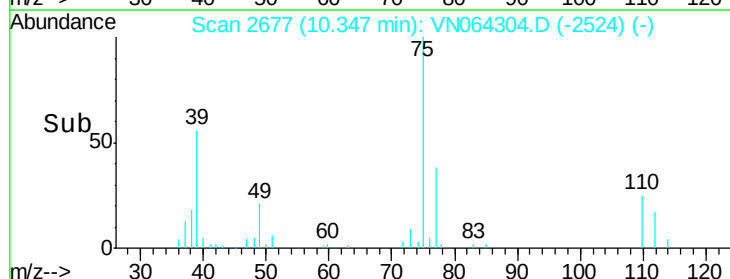
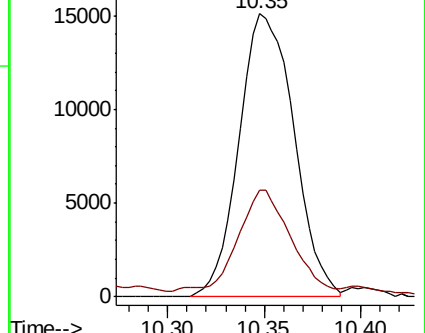
75 100

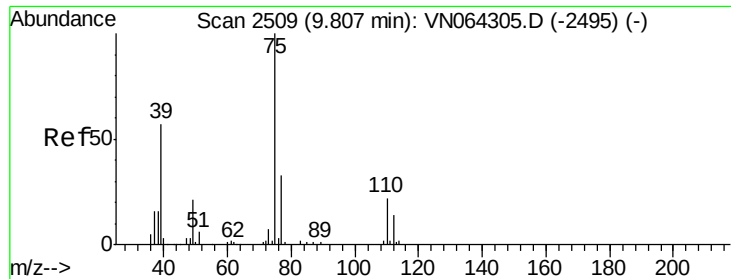
77 35.1 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VN064305.D (-2665) (-)

Ion 77.00 (76.70 to 77.70): VN064305.D (-2665) (-)



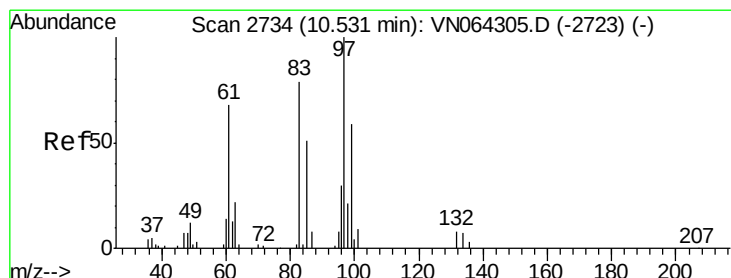
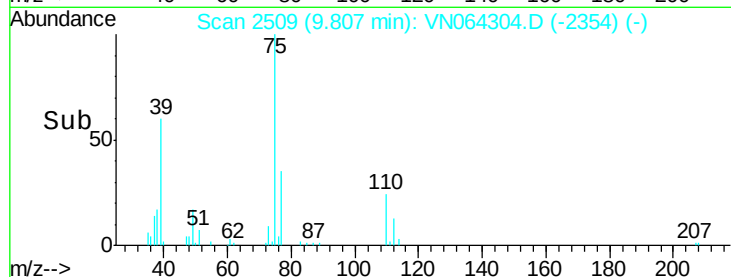
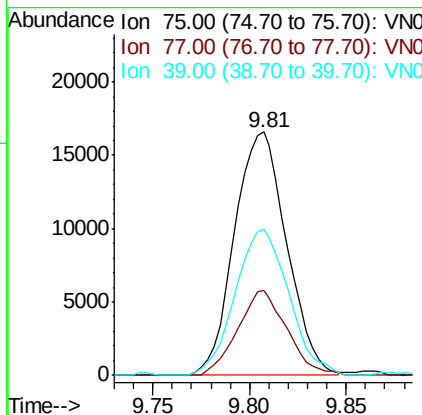
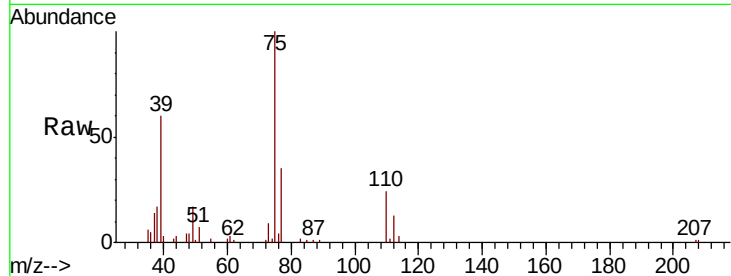


#49

cis-1,3-Dichloropropene
 Concen: 4.870 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

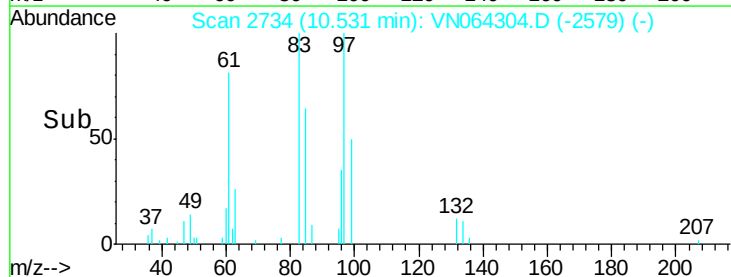
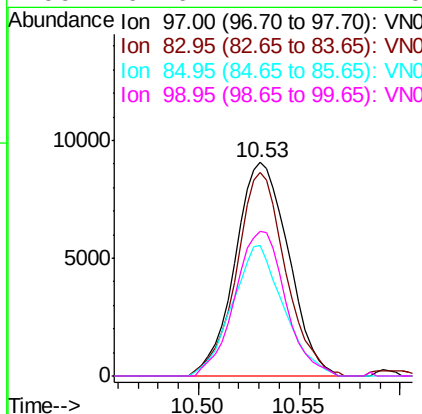
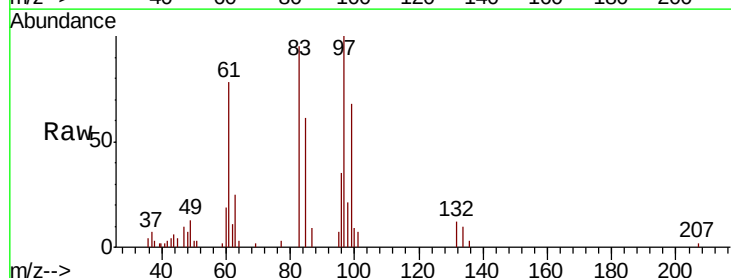
Tot Ion: 75 Resp: 31182
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.7 40.1
 39 60.1 45.9 68.9

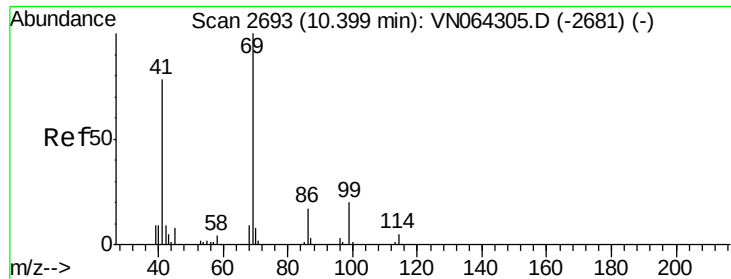


#50

1,1,2-Trichloroethane
 Concen: 4.922 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 97 Resp: 16743
 Ion Ratio Lower Upper
 97 100
 83 95.5 63.2 94.8#
 85 61.1 41.0 61.6
 99 67.6 47.4 71.0





#51

Ethyl methacrylate

Concen: 4.695 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

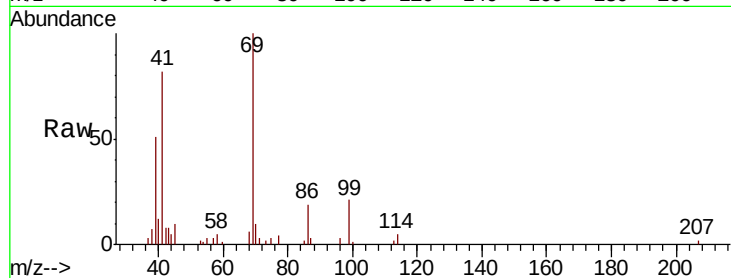
Tot Ion: 69 Resp: 24582

Ion Ratio Lower Upper

69 100

41 80.9 38.8 116.4

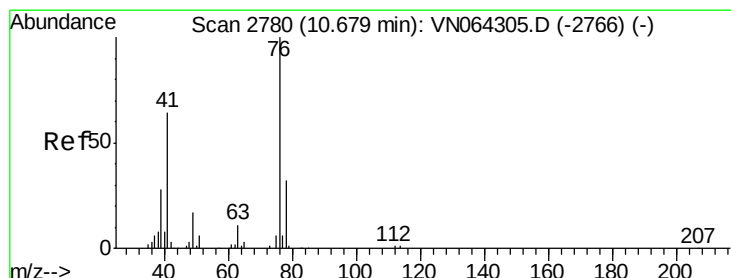
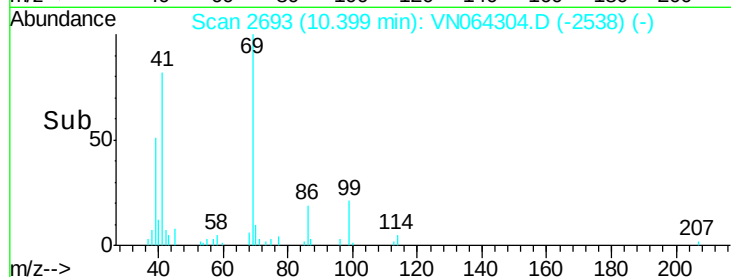
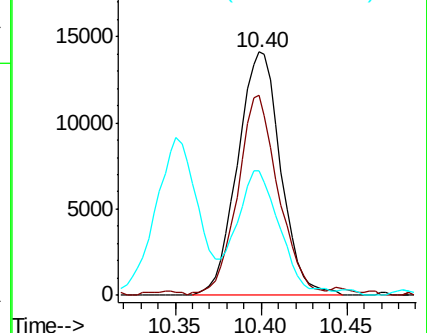
39 49.2 24.6 74.0



Abundance Ion 69.00 (68.70 to 69.70): VN064305.D (-2681) (-)

Ion 41.00 (40.70 to 41.70): VN064305.D (-2681) (-)

Ion 39.00 (38.70 to 39.70): VN064305.D (-2681) (-)



#52

1,3-Dichloropropane

Concen: 4.914 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064304.D

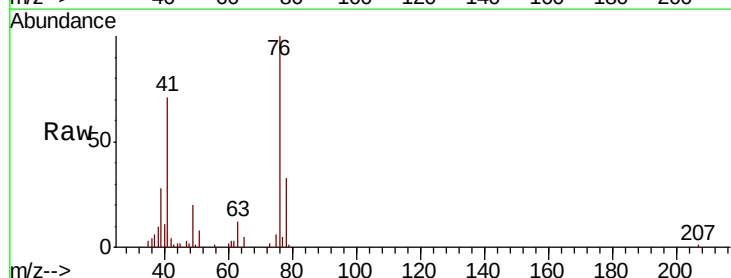
Acq: 26 Oct 2020 15:55

Tgt Ion: 76 Resp: 29368

Ion Ratio Lower Upper

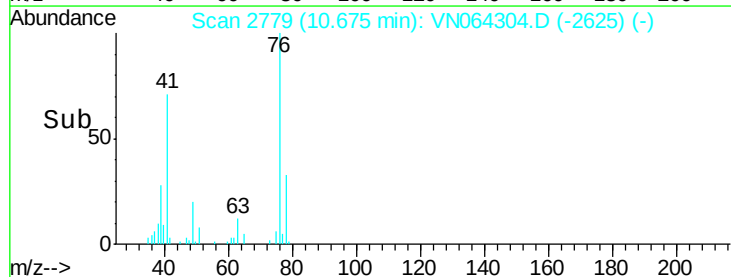
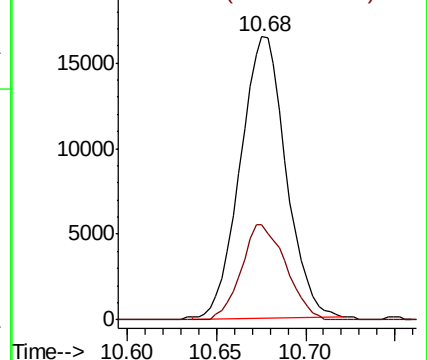
76 100

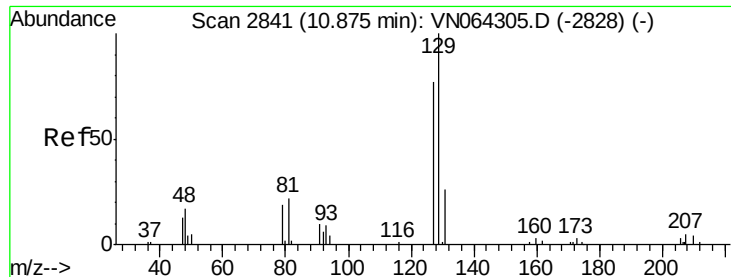
78 32.8 0.0 61.6



Abundance Ion 76.00 (75.70 to 76.70): VN064305.D (-2766) (-)

Ion 78.00 (77.70 to 78.70): VN064305.D (-2766) (-)

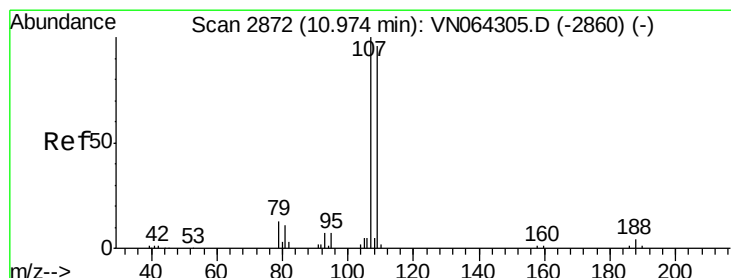
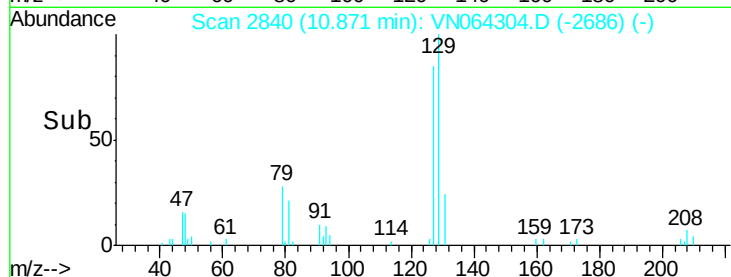
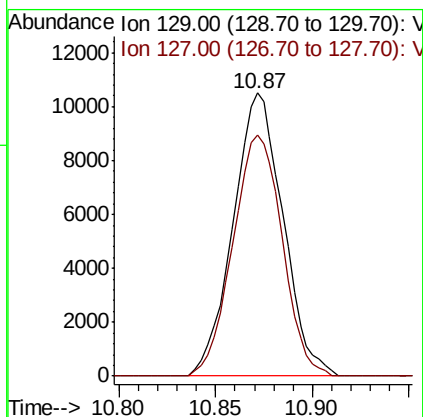
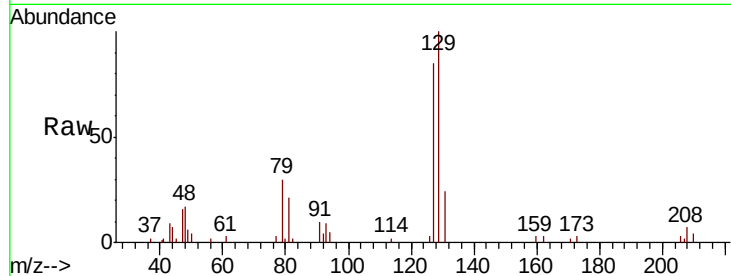




#53
Dibromochloromethane
Concen: 4.470 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

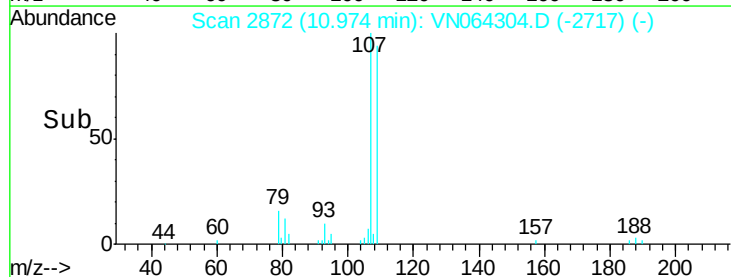
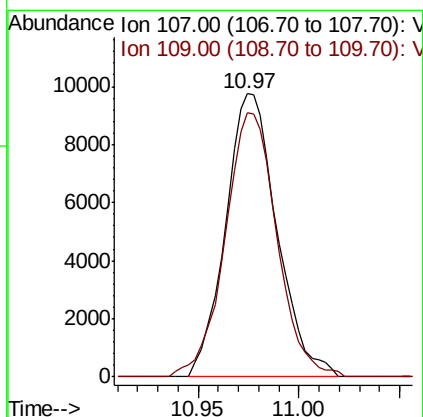
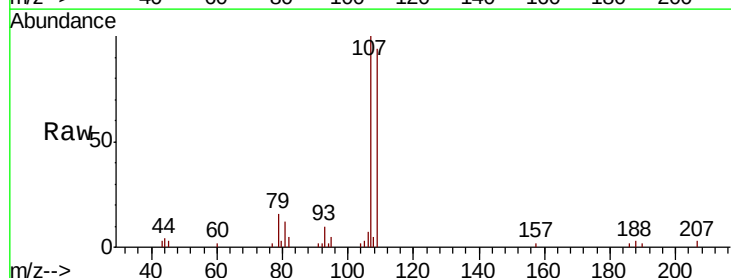
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

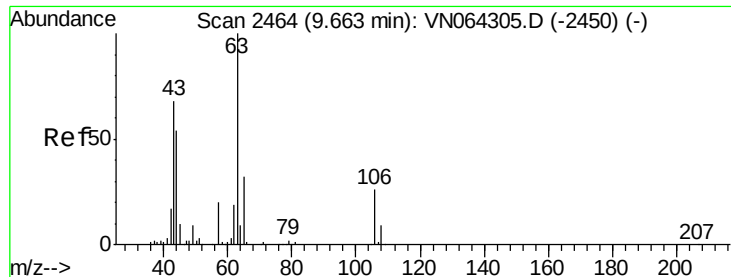
Tot Ion:129 Resp: 18844
Ion Ratio Lower Upper
129 100
127 84.1 38.9 116.7



#54
1,2-Dibromoethane
Concen: 4.780 ug/l
RT: 10.97 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion:107 Resp: 17386
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2

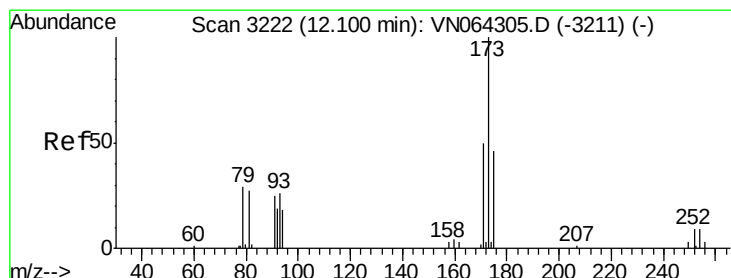
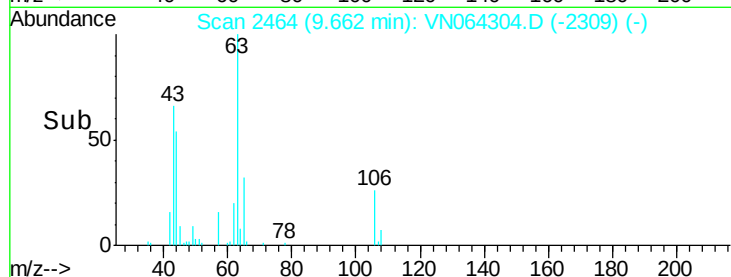
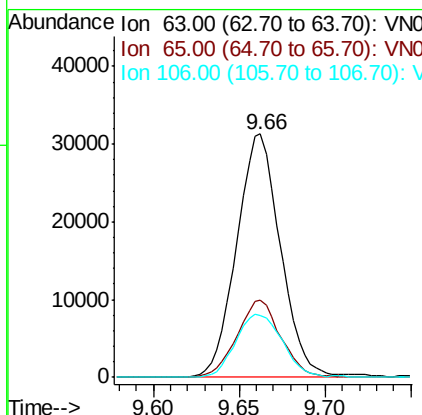
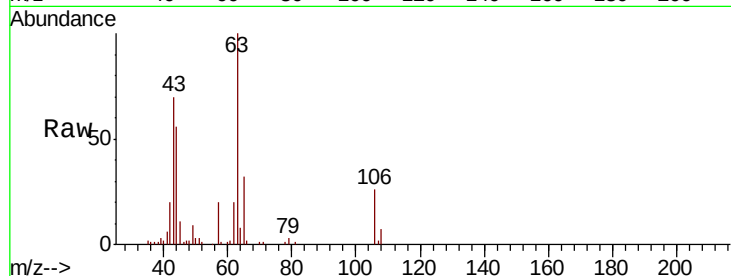




#55
2-Chloroethyl vinyl ether
Concen: 20.281 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

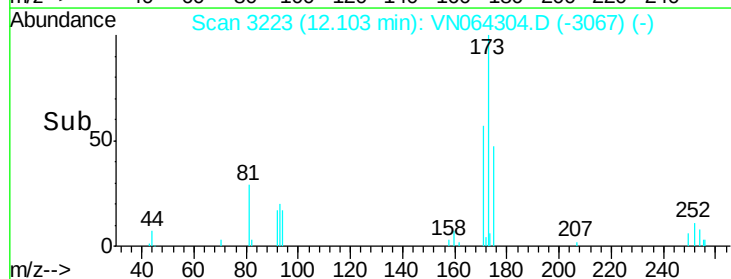
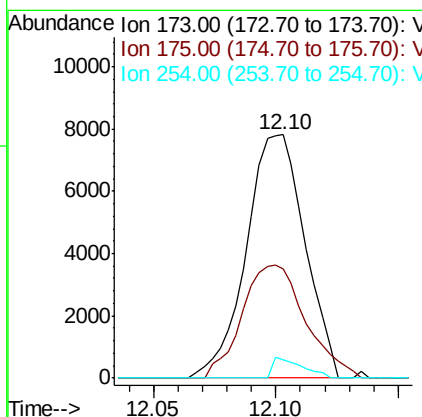
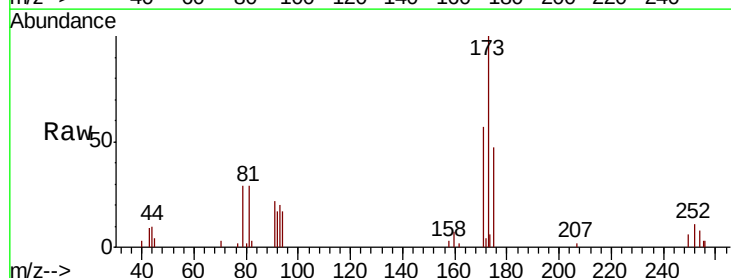
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

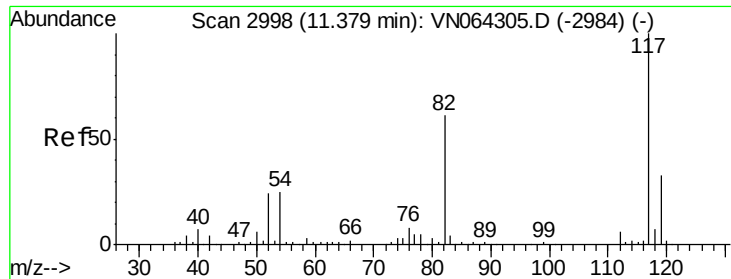
Tot Ion: 63 Resp: 55284
Ion Ratio Lower Upper
63 100
65 31.5 25.6 38.4
106 27.6 20.7 31.1



#56
Bromoform
Concen: 4.312 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 173 Resp: 12983
Ion Ratio Lower Upper
173 100
175 50.7 37.3 55.9
254 4.3 4.8 7.2#

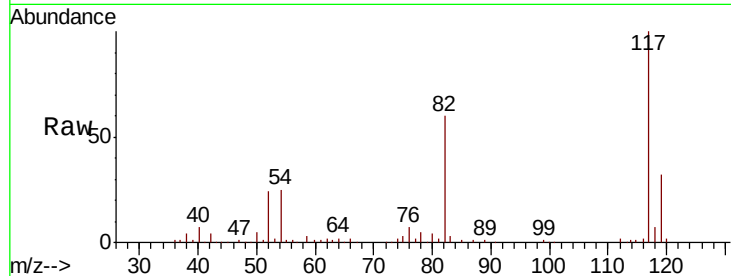




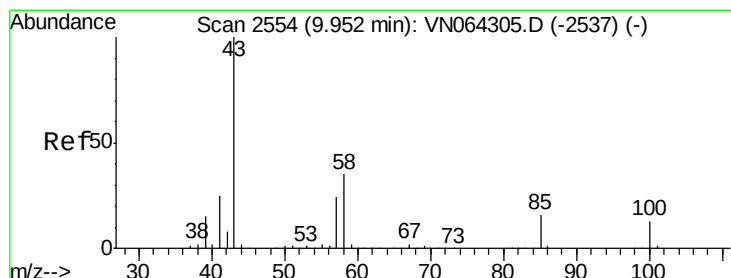
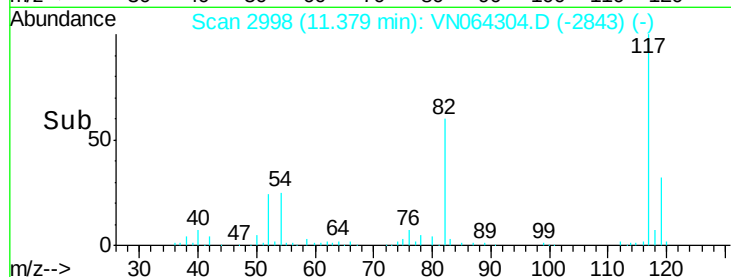
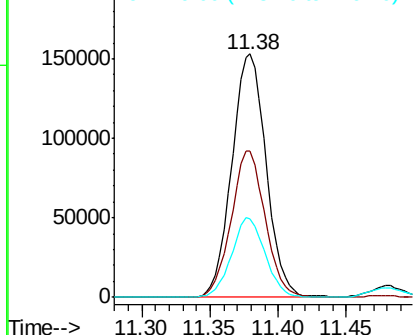
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 267023
Ion Ratio Lower Upper
117 100
82 59.7 48.7 73.1
119 32.1 25.1 37.7

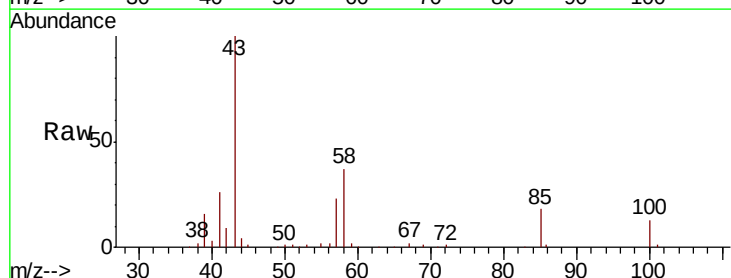


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

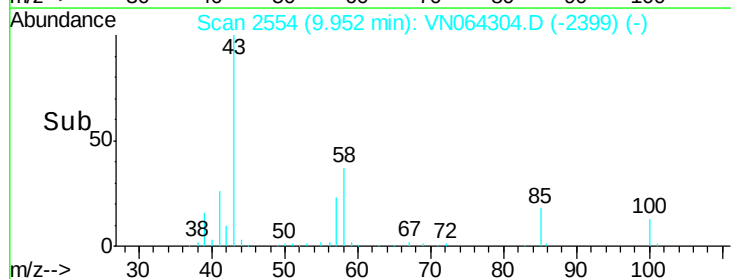
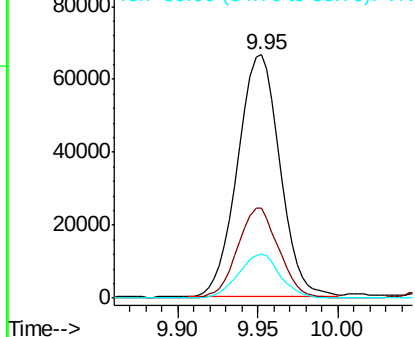


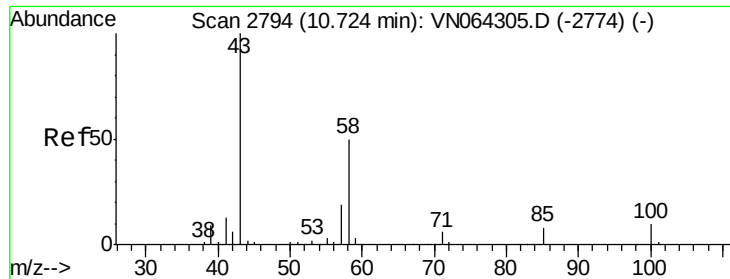
#58
4-Methyl-2-Pentanone
Concen: 26.046 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 43 Resp: 119875
Ion Ratio Lower Upper
43 100
58 36.3 28.7 43.1
85 17.7 13.4 20.2



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

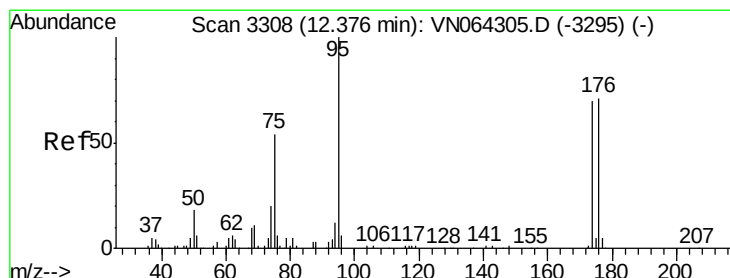
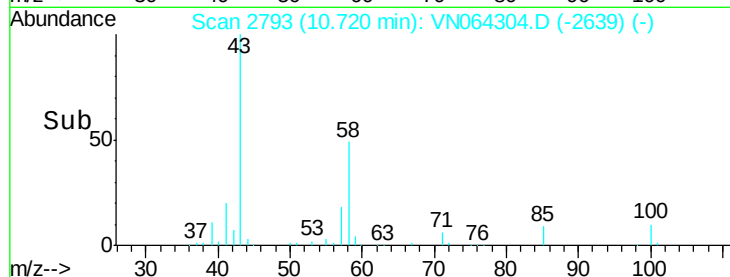
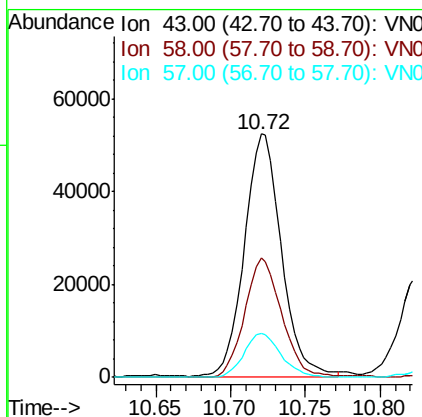
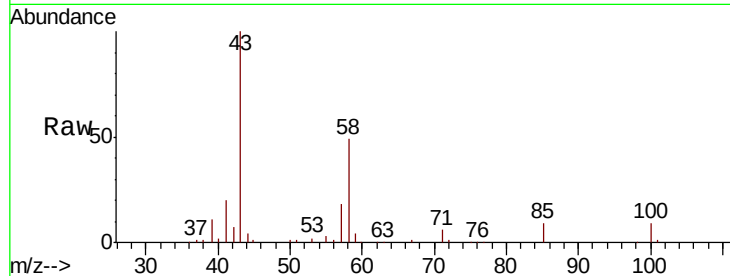




#59
2-Hexanone
Concen: 25.916 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

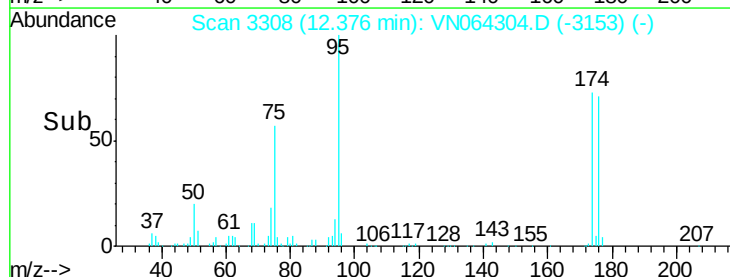
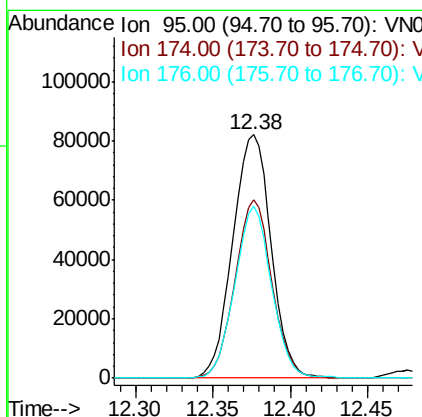
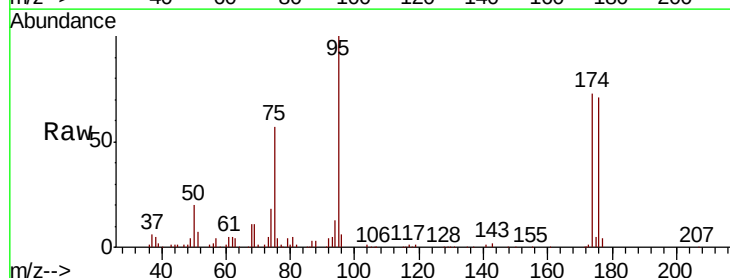
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

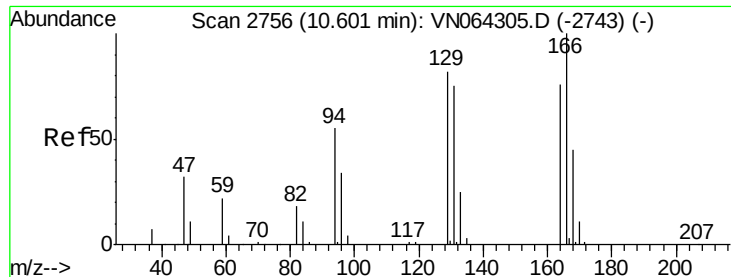
Tot Ion: 43 Resp: 89782
Ion Ratio Lower Upper
43 100
58 49.3 39.4 59.2
57 18.1 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.763 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion: 95 Resp: 141421
Ion Ratio Lower Upper
95 100
174 70.7 57.6 86.4
176 67.7 55.5 83.3





#61

Tetrachloroethene

Concen: 5.197 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 18806

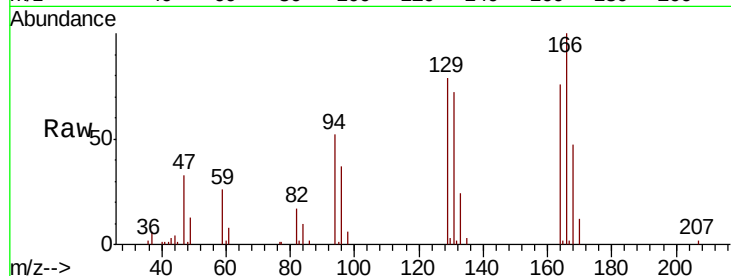
Ion Ratio Lower Upper

164 100

166 130.2 105.4 158.0

129 103.4 86.4 129.6

131 94.1 78.5 117.7



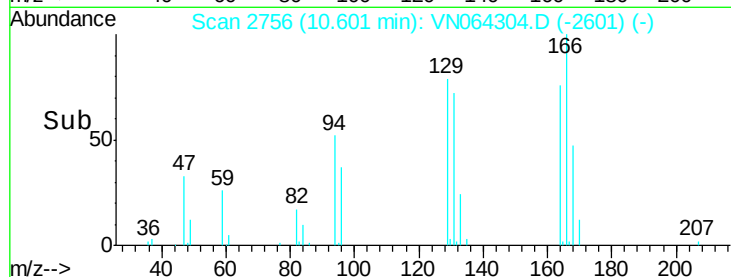
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



Abundance

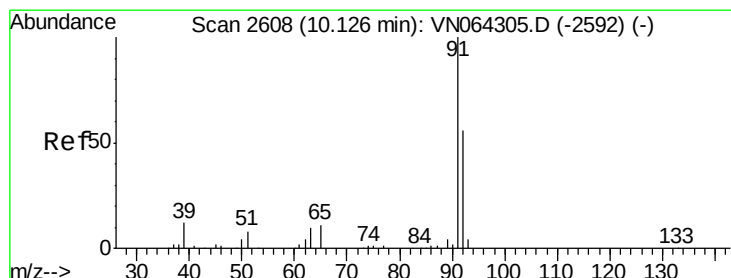
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



#62

Toluene

Concen: 4.966 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064304.D

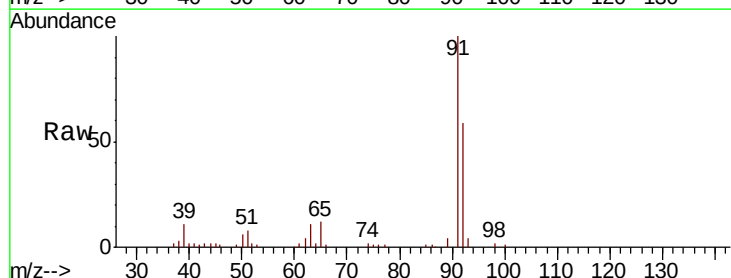
Acq: 26 Oct 2020 15:55

Tgt Ion: 91 Resp: 74153

Ion Ratio Lower Upper

91 100

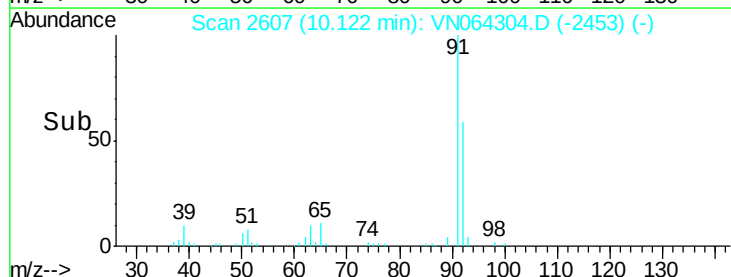
92 59.2 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Time-->

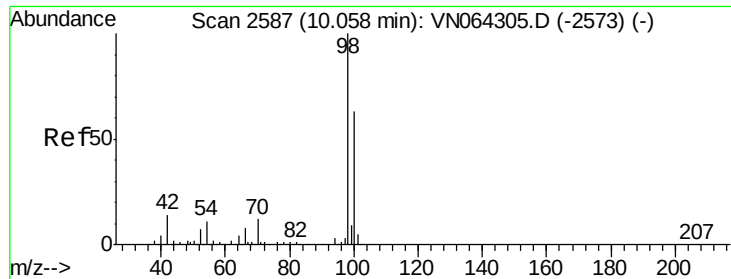


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Time-->



#63

Toluene-d8

Concen: 30.064 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

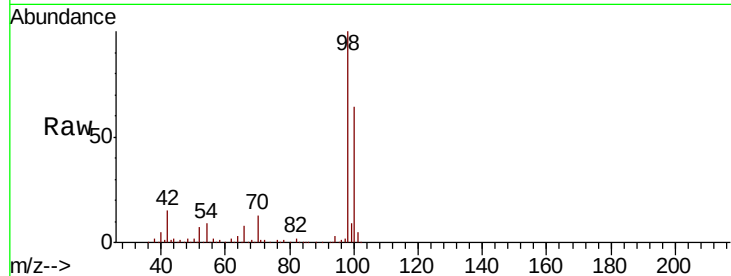
VSTDIC005

Tot Ion: 98 Resp: 358229

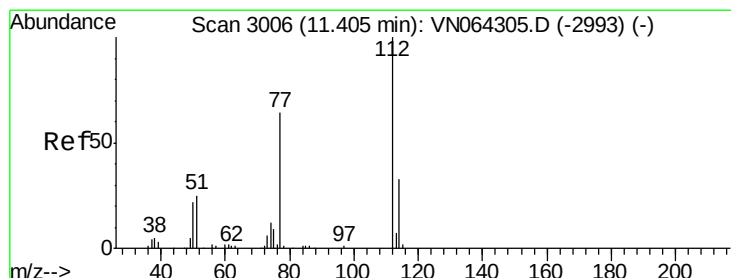
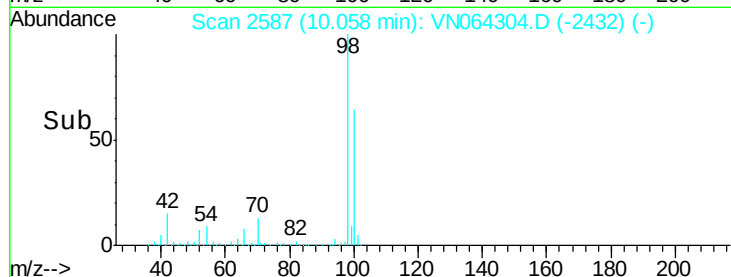
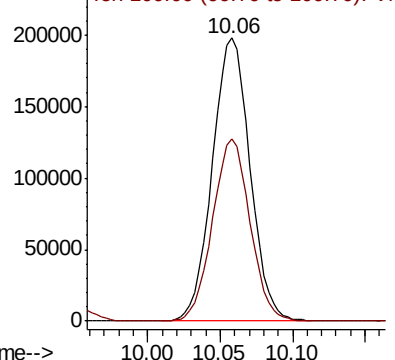
Ion Ratio Lower Upper

98 100

100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN064305.D (-2573) (-)



#64

Chlorobenzene

Concen: 5.046 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064304.D

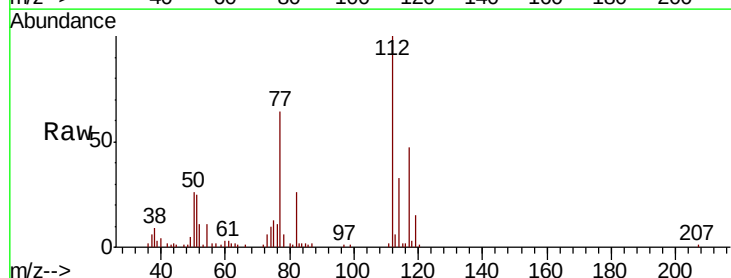
Acq: 26 Oct 2020 15:55

Tgt Ion: 112 Resp: 46521

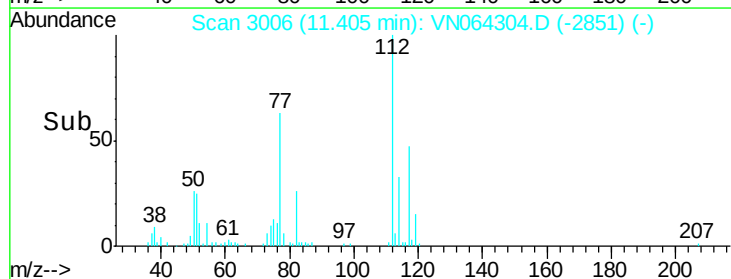
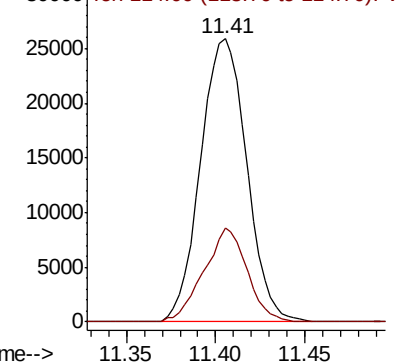
Ion Ratio Lower Upper

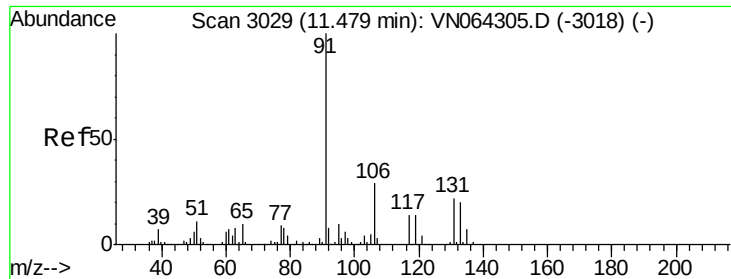
112 100

114 33.0 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): VN064305.D (-2993) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 4.742 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

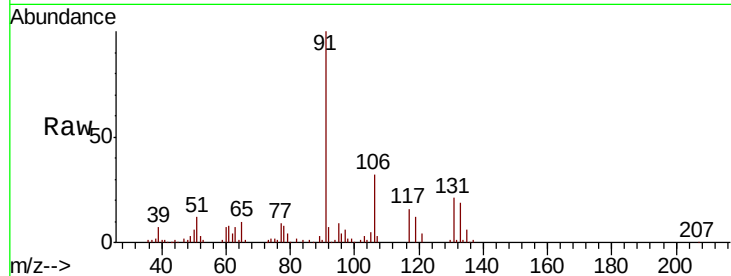
Tot Ion:131 Resp: 17549

Ion Ratio Lower Upper

131 100

133 92.9 0.0 183.0

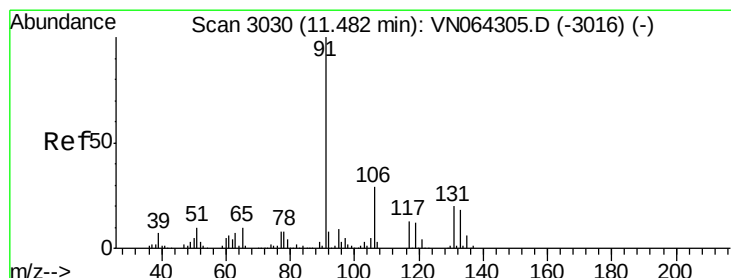
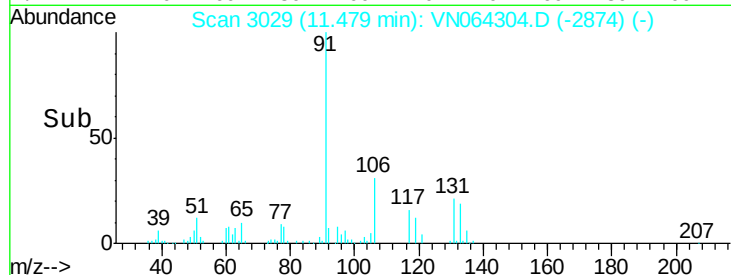
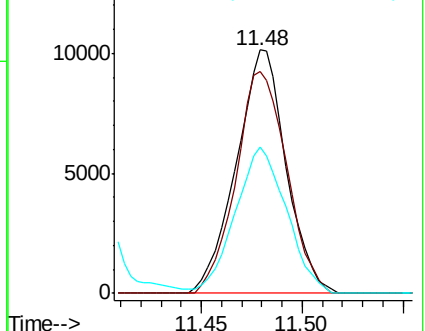
119 61.8 0.0 121.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 4.890 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064304.D

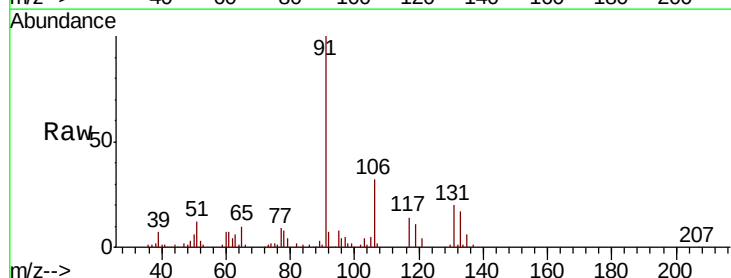
Acq: 26 Oct 2020 15:55

Tgt Ion: 91 Resp: 84058

Ion Ratio Lower Upper

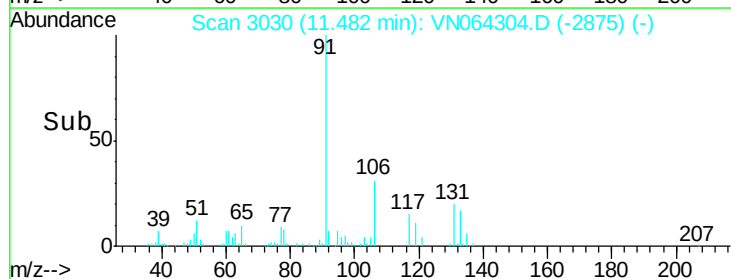
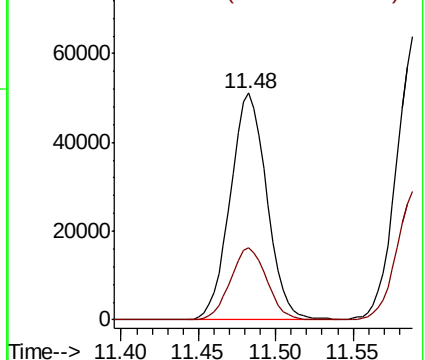
91 100

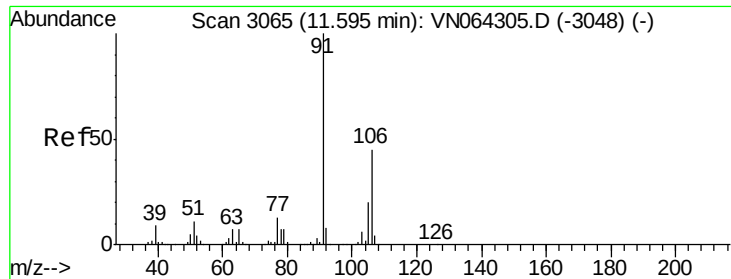
106 31.7 22.8 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

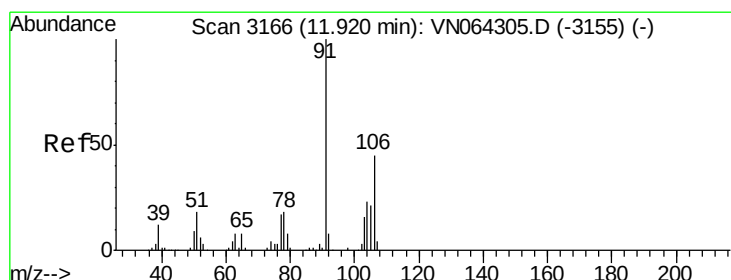
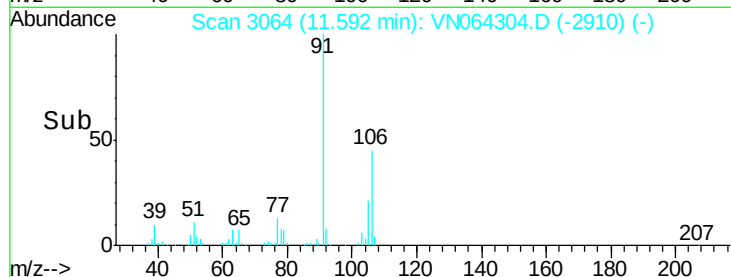
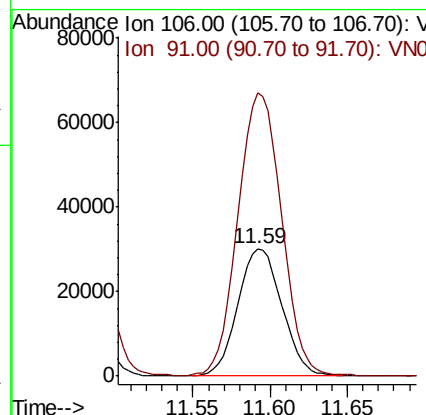
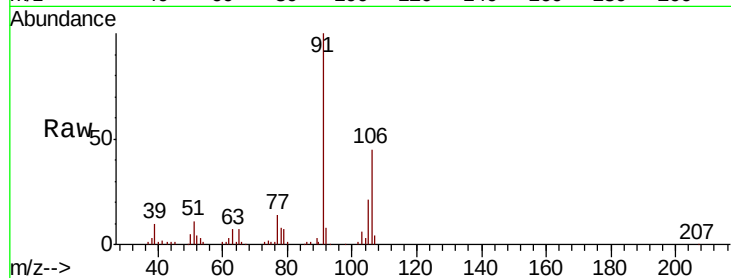




#67
m/p-Xylenes
Concen: 9.424 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

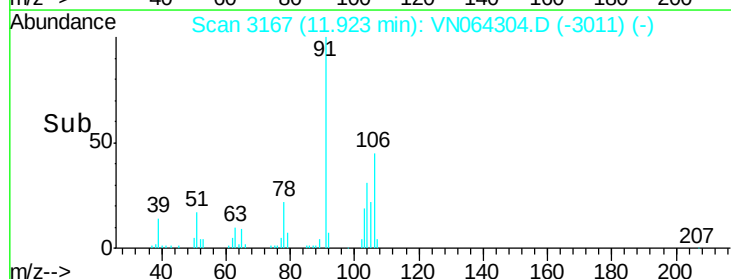
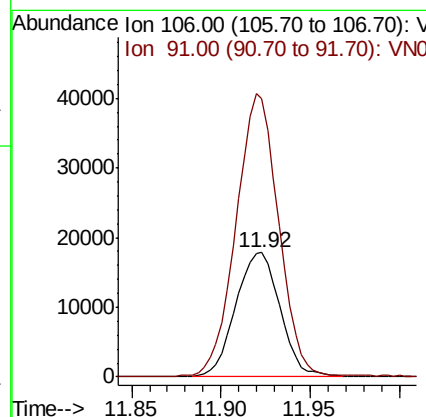
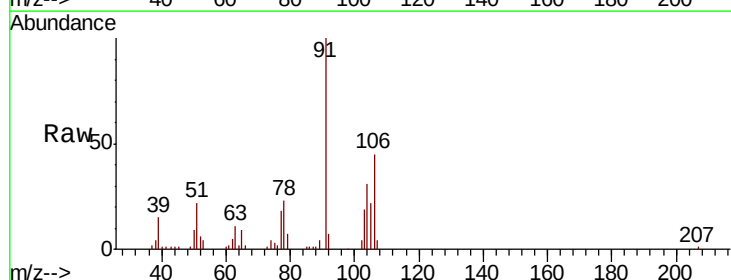
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

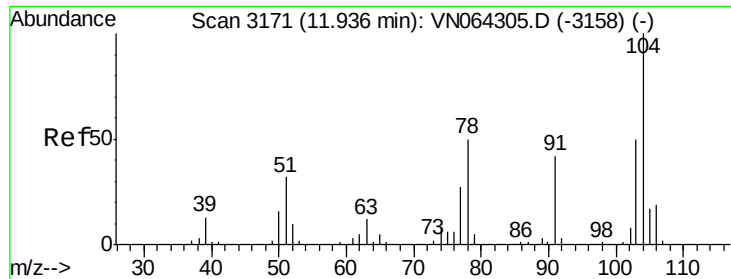
Tot Ion:106 Resp: 59605
Ion Ratio Lower Upper
106 100
91 220.7 176.2 264.2



#68
o-Xylene
Concen: 5.004 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion:106 Resp: 30759
Ion Ratio Lower Upper
106 100
91 219.2 112.9 338.6

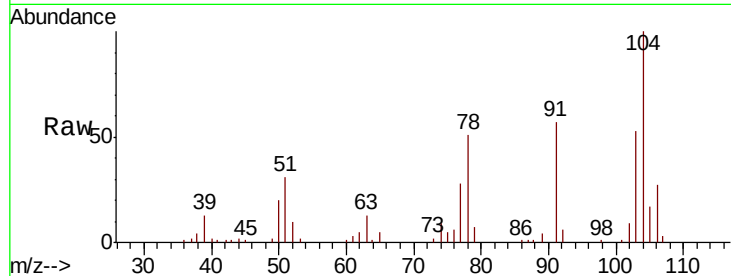




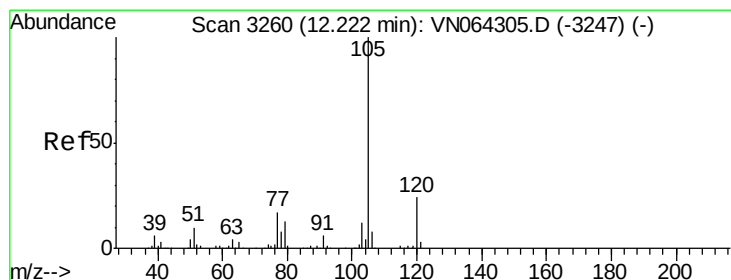
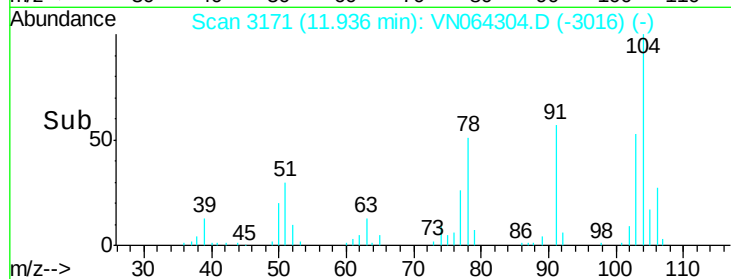
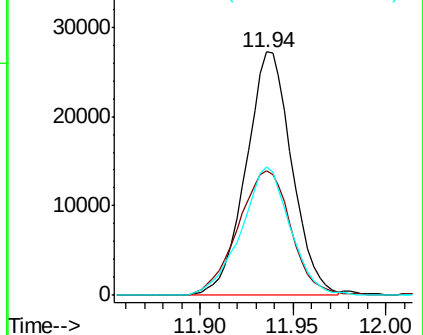
#69
Stvrene
Concen: 4.573 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:104 Resp: 46952
Ion Ratio Lower Upper
104 100
78 58.9 46.3 69.5
103 56.4 44.2 66.2

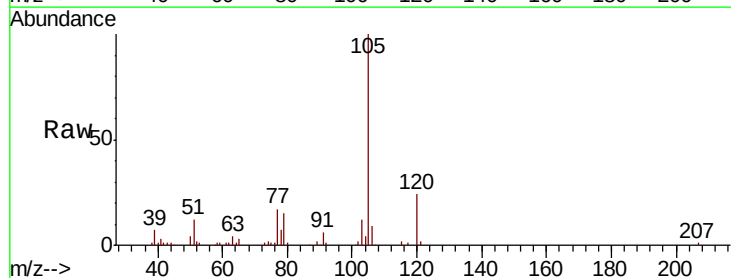


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

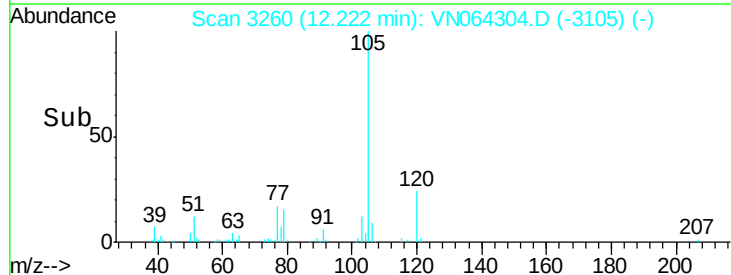
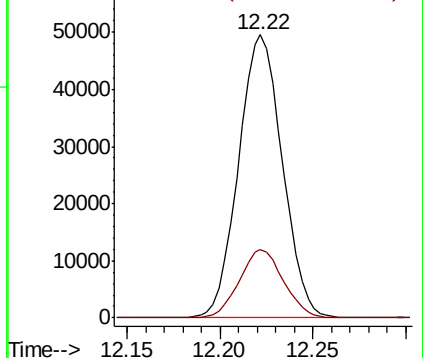


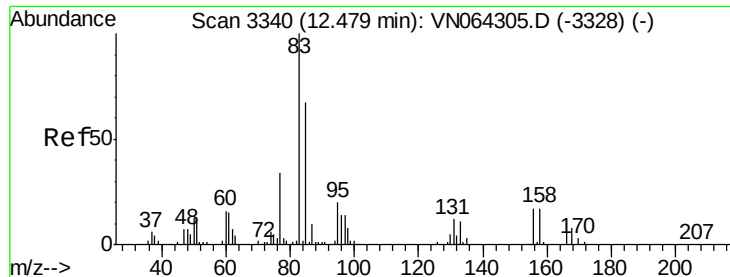
#70
Isopropylbenzene
Concen: 4.974 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064304.D
Acq: 26 Oct 2020 15:55

Tgt Ion:105 Resp: 81158
Ion Ratio Lower Upper
105 100
120 24.3 17.4 32.2



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

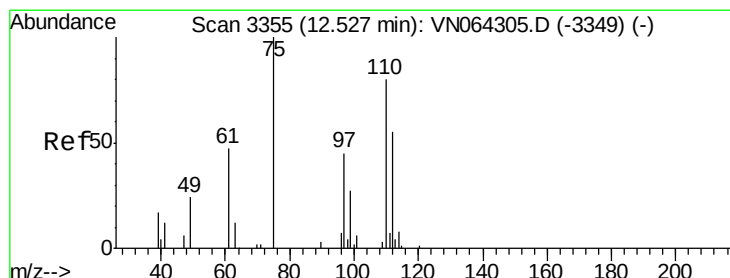
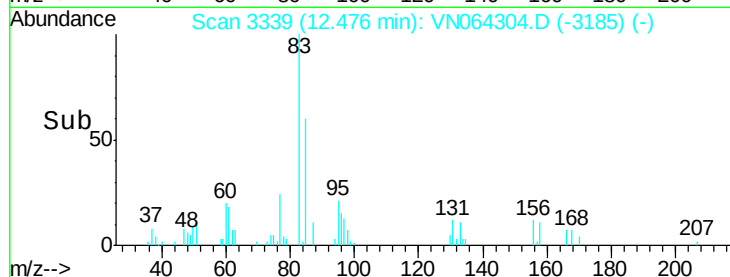
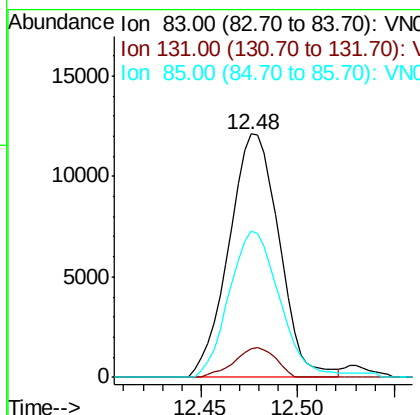
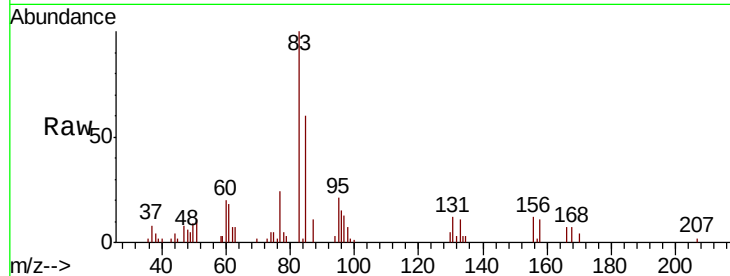




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.900 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

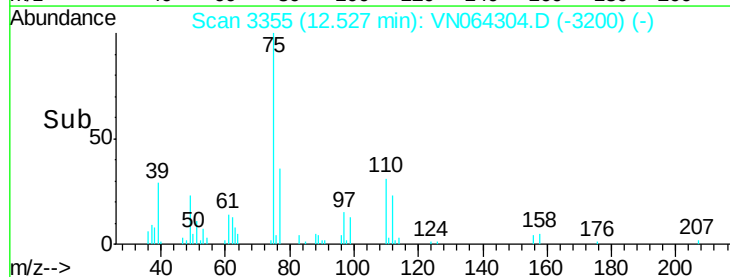
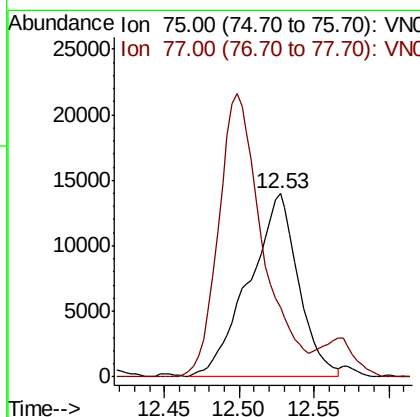
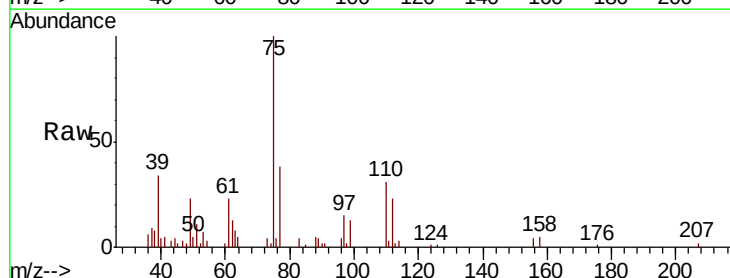
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

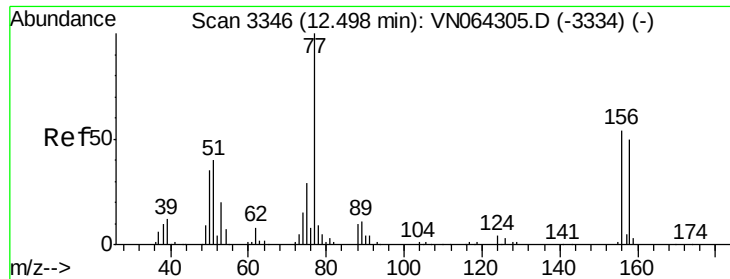
Tot Ion: 83 Resp: 21902
 Ion Ratio Lower Upper
 83 100
 131 10.1 6.0 18.0
 85 60.5 32.0 96.0



#72
 1,2,3-Trichloropropane
 Concen: 6.836 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 75 Resp: 32139
 Ion Ratio Lower Upper
 75 100
 77 137.8 0.0 340.8





#73

Bromobenzene

Concen: 4.830 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

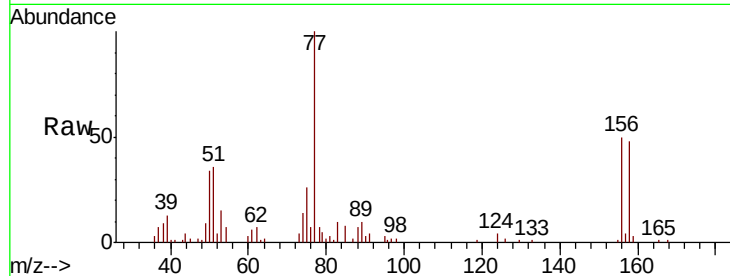
Tot Ion:156 Resp: 19198

Ion Ratio Lower Upper

156 100

77 230.6 0.0 449.2

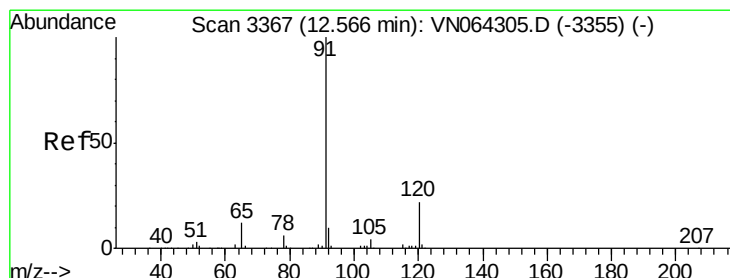
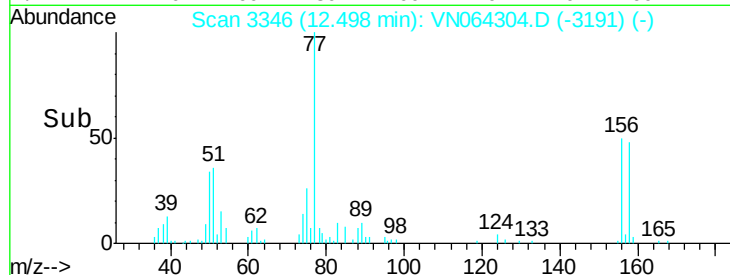
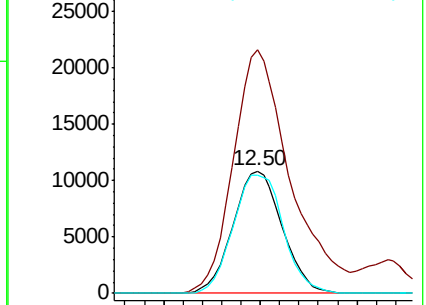
158 98.7 0.0 191.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.878 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064304.D

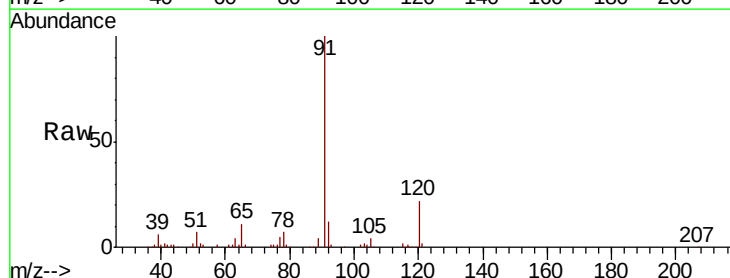
Acq: 26 Oct 2020 15:55

Tgt Ion: 91 Resp: 90881

Ion Ratio Lower Upper

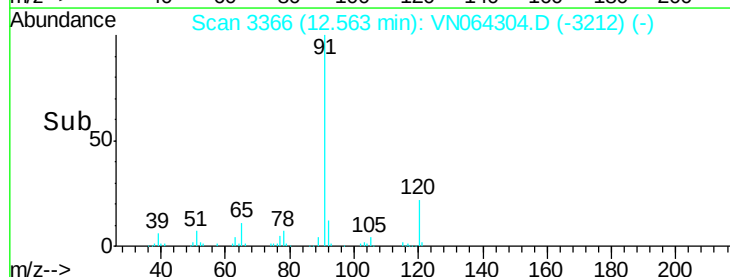
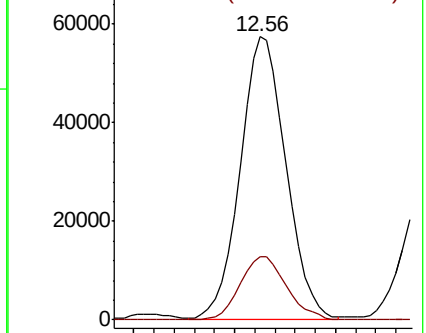
91 100

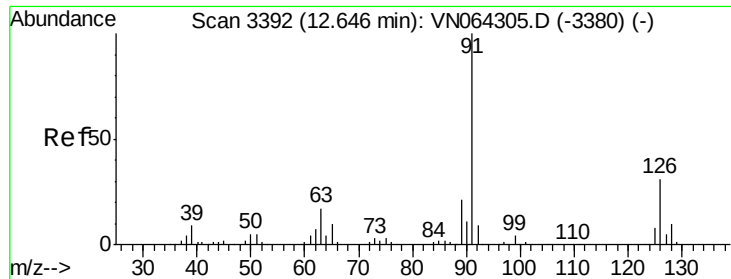
120 22.6 0.0 44.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.782 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

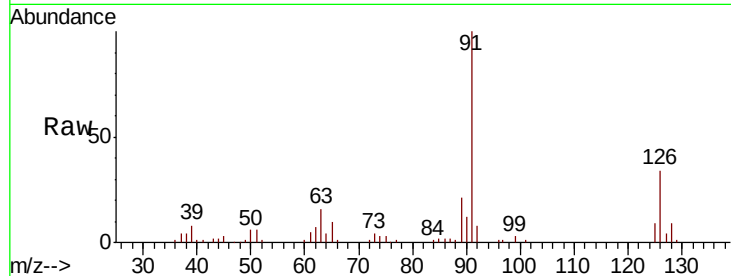
VSTDIC005

Tot Ion: 91 Resp: 55536

Ion Ratio Lower Upper

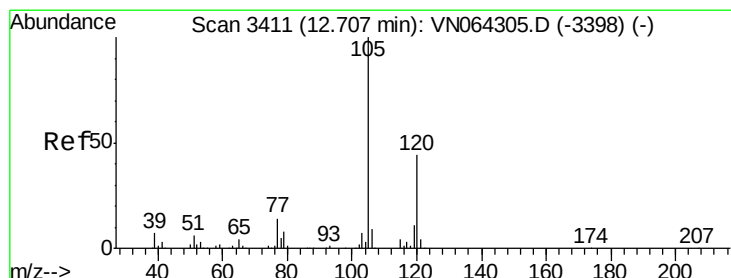
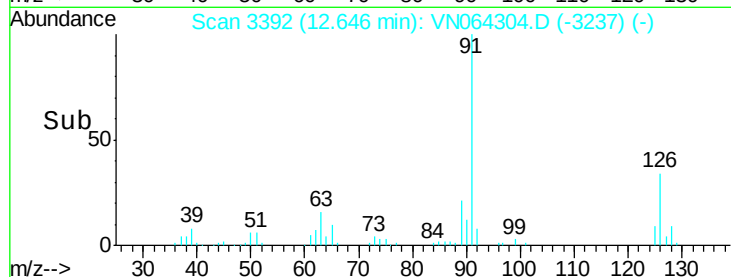
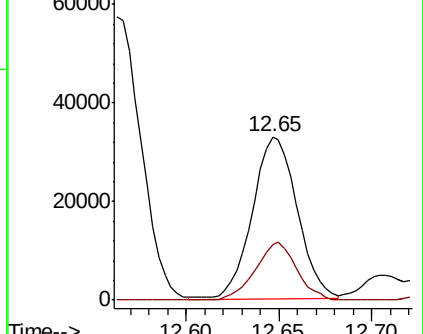
91 100

126 32.7 0.0 62.0



Abundance Ion 91.00 (90.70 to 91.70): VN064305.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN064305.D (-3380) (-)



#76

1,3,5-Trimethylbenzene

Concen: 4.878 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064304.D

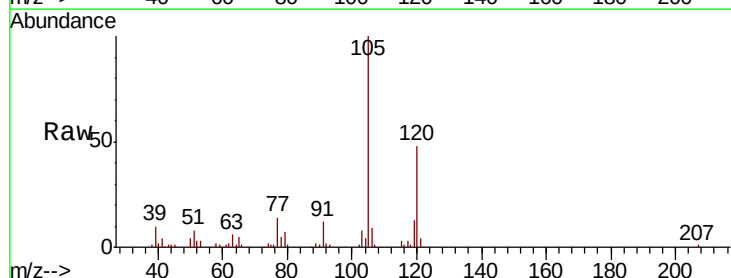
Acq: 26 Oct 2020 15:55

Tgt Ion: 105 Resp: 67411

Ion Ratio Lower Upper

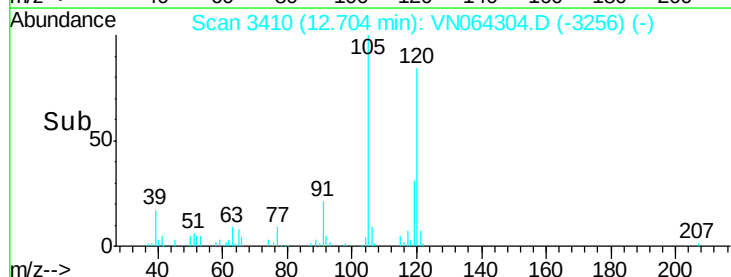
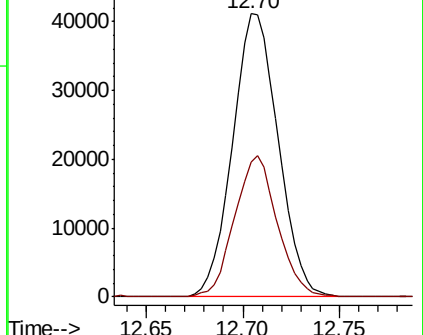
105 100

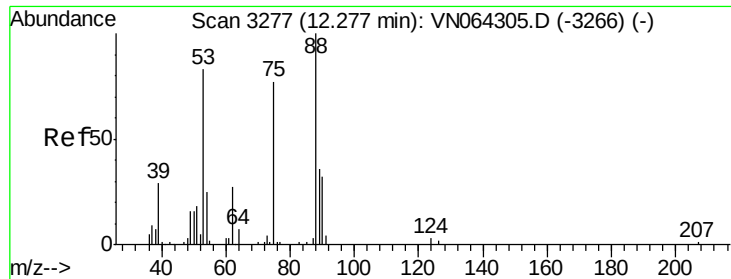
120 46.6 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): VN064305.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064305.D (-3398) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 4.401 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

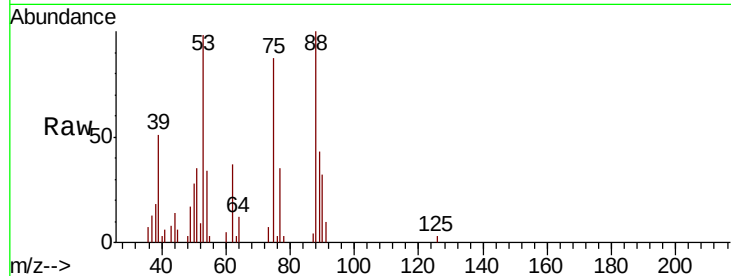
Tot Ion: 75 Resp: 7918

Ion Ratio Lower Upper

75 100

53 109.3 51.0 153.0

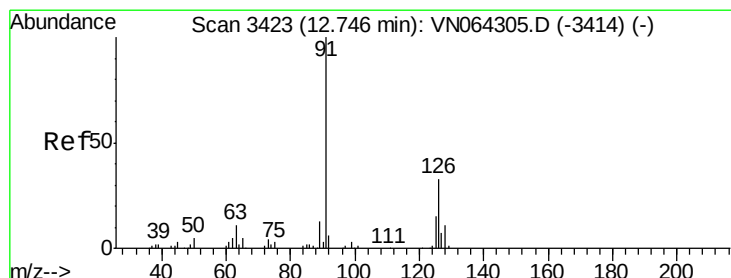
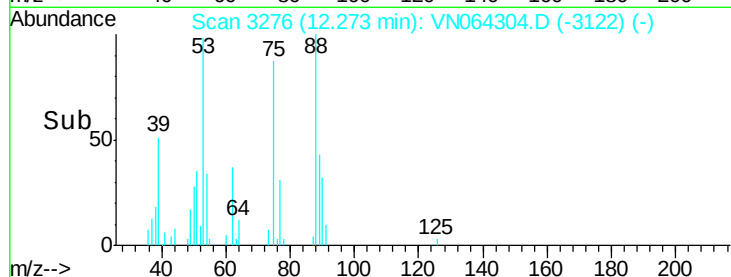
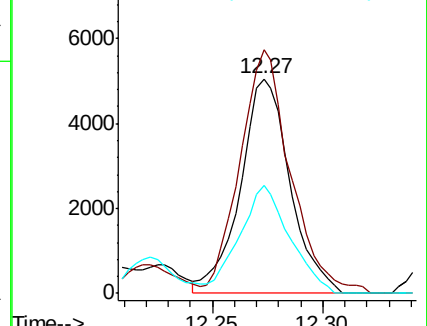
89 50.2 24.8 74.3



Abundance Ion 75.00 (74.70 to 75.70): VN064305.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064305.D (-3266) (-)

Ion 89.00 (88.70 to 89.70): VN064305.D (-3266) (-)



#78

4-Chlorotoluene

Concen: 4.771 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064304.D

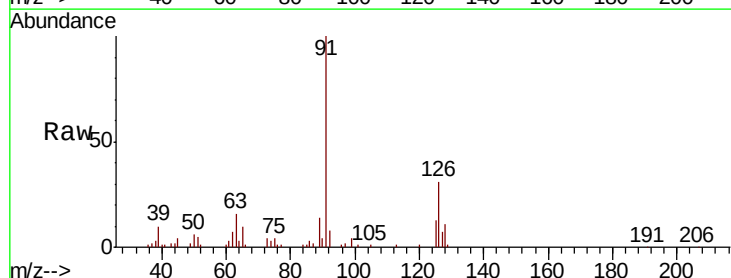
Acq: 26 Oct 2020 15:55

Tgt Ion: 91 Resp: 57451

Ion Ratio Lower Upper

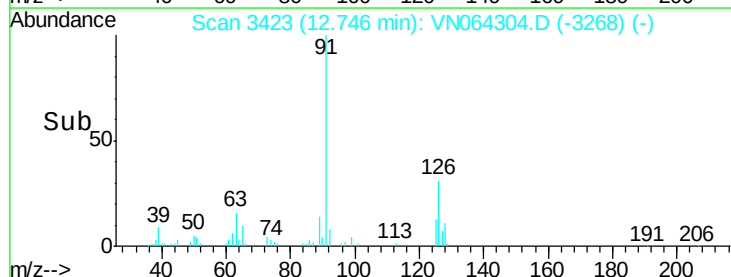
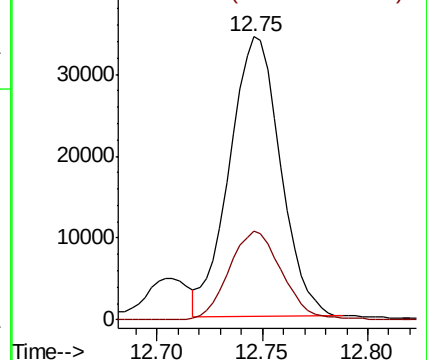
91 100

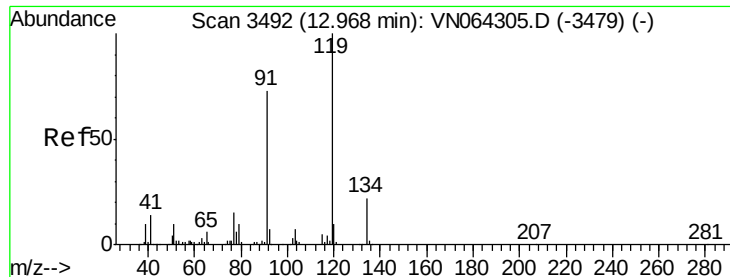
126 32.7 0.0 62.4



Abundance Ion 91.00 (90.70 to 91.70): VN064305.D (-3414) (-)

Ion 126.00 (125.70 to 126.70): VN064305.D (-3414) (-)





#79

tert-butylbenzene

Concen: 5.183 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

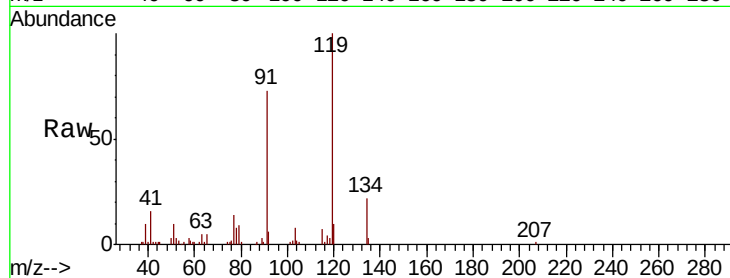
Tot Ion:119 Resp: 58293

Ion Ratio Lower Upper

119 100

91 72.5 0.0 146.8

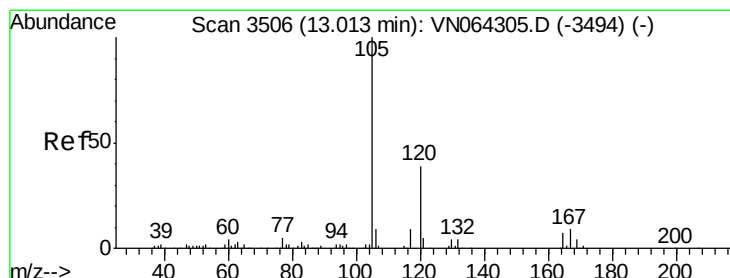
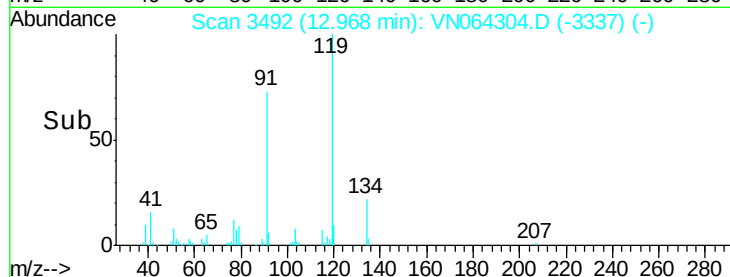
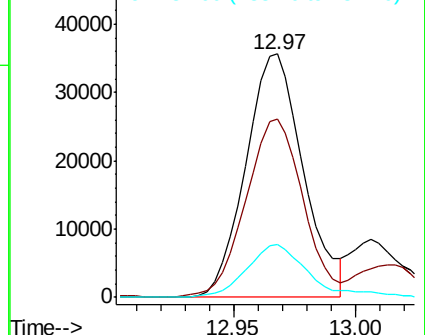
134 21.7 0.0 48.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 4.820 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN064304.D

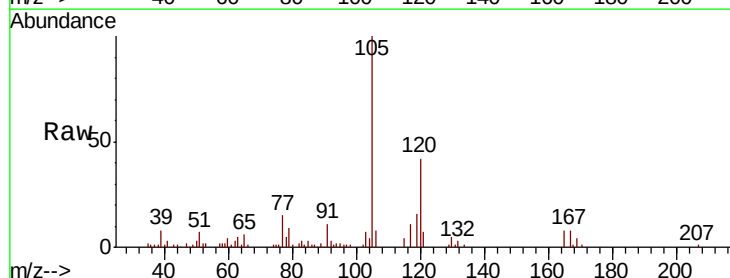
Acq: 26 Oct 2020 15:55

Tgt Ion:105 Resp: 67654

Ion Ratio Lower Upper

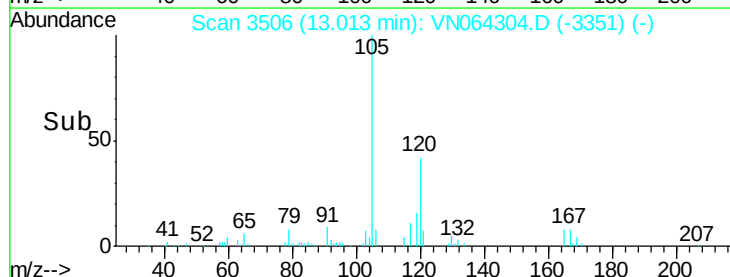
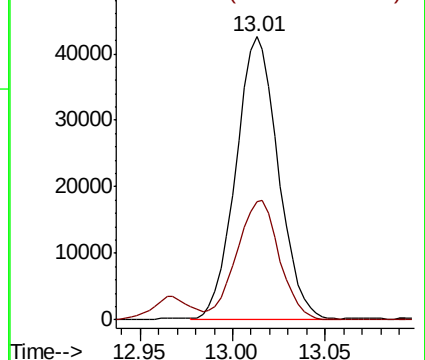
105 100

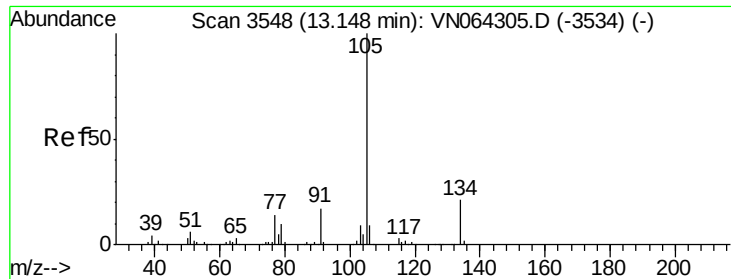
120 42.5 0.0 87.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 5.340 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

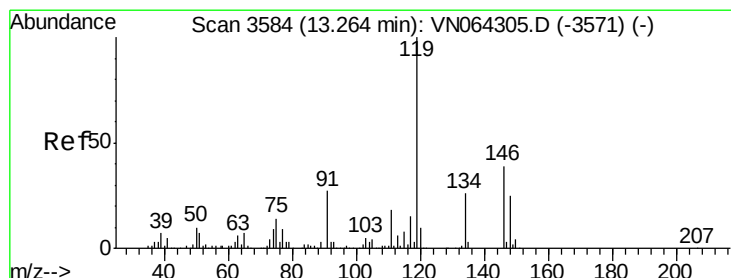
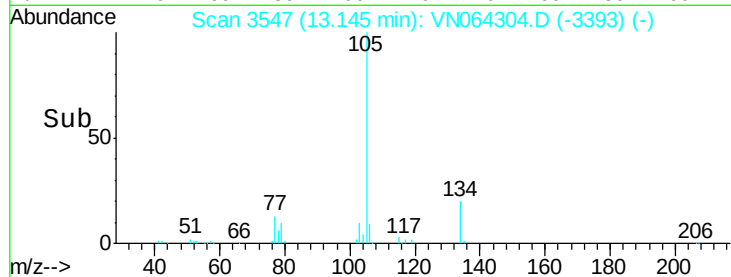
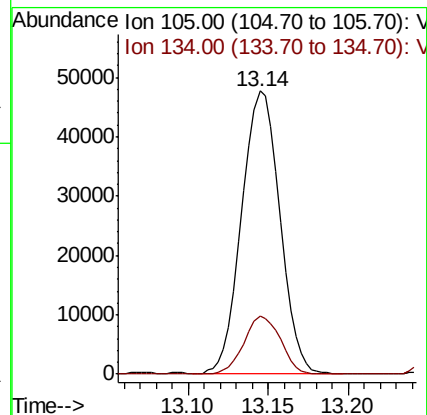
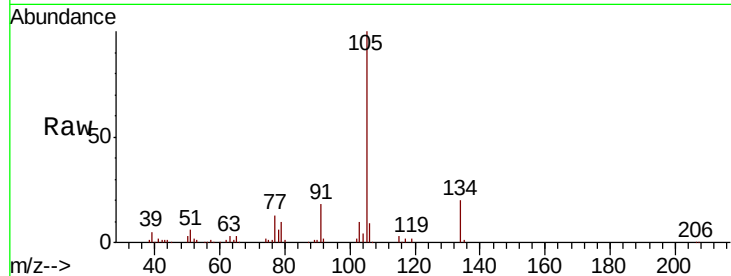
VSTDIC005

Tot Ion:105 Resp: 77874

Ion Ratio Lower Upper

105 100

134 19.5 0.0 38.4



#82

p-Isopropyltoluene

Concen: 5.103 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

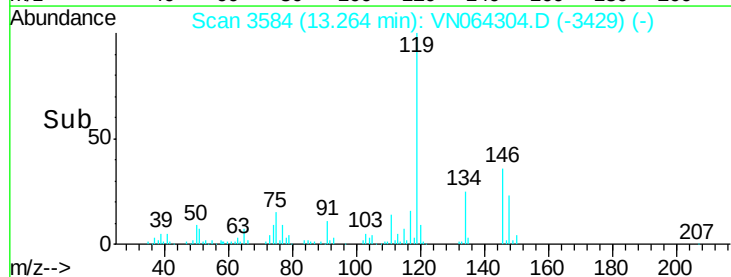
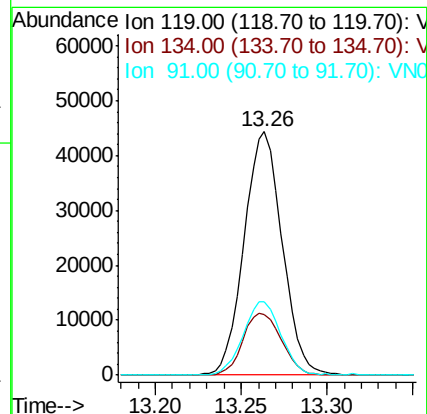
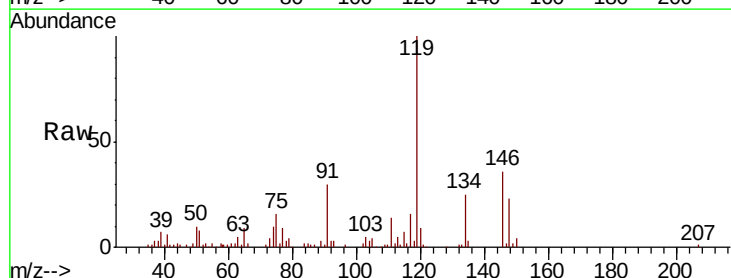
Tgt Ion:119 Resp: 68307

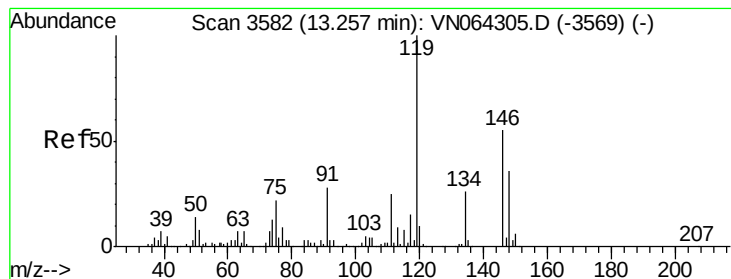
Ion Ratio Lower Upper

119 100

134 25.7 0.0 52.2

91 29.8 0.0 56.0





#83

1,3-Dichlorobenzene

Concen: 4.692 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

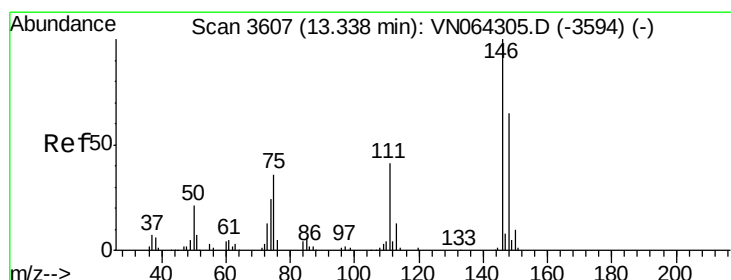
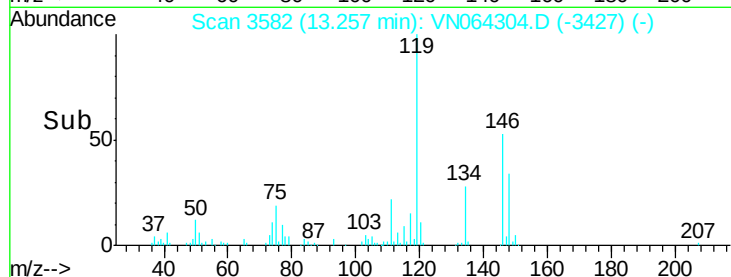
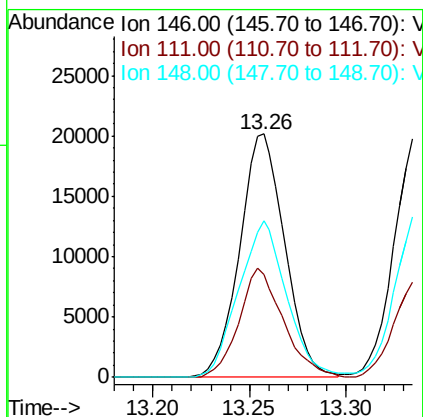
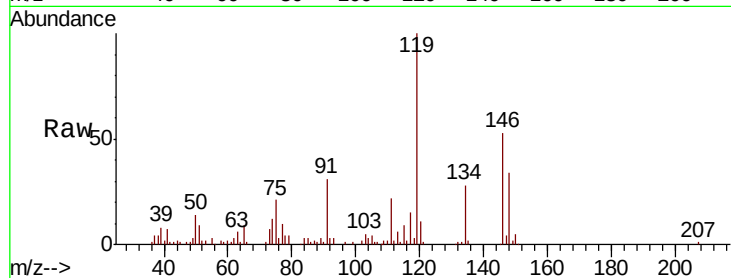
Tot Ion:146 Resp: 32683

Ion Ratio Lower Upper

146 100

111 43.9 22.5 67.5

148 68.3 32.5 97.5



#84

1,4-Dichlorobenzene

Concen: 4.643 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

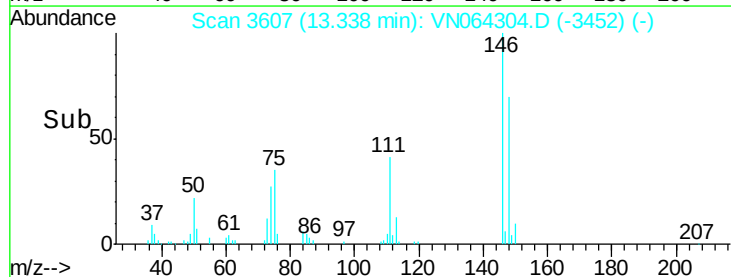
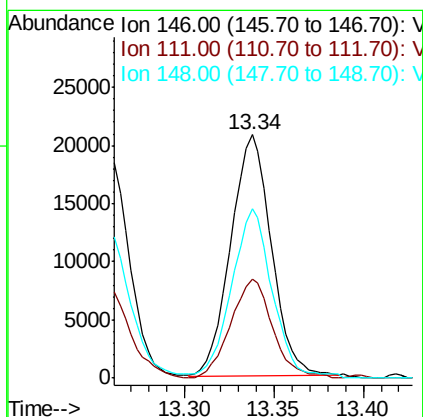
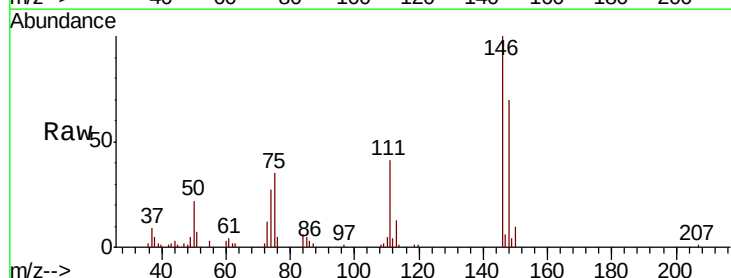
Tgt Ion:146 Resp: 32837

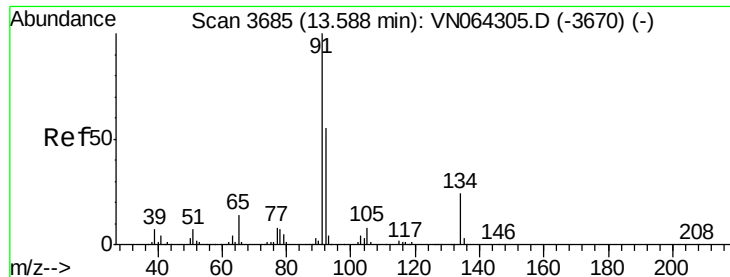
Ion Ratio Lower Upper

146 100

111 41.9 21.6 64.8

148 66.5 32.4 97.0





#85

n-Butylbenzene

Concen: 5.394 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

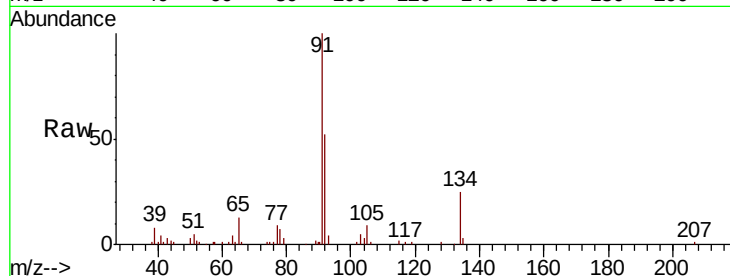
Tot Ion: 91 Resp: 63112

Ion Ratio Lower Upper

91 100

92 51.5 0.0 106.0

134 25.8 0.0 46.4



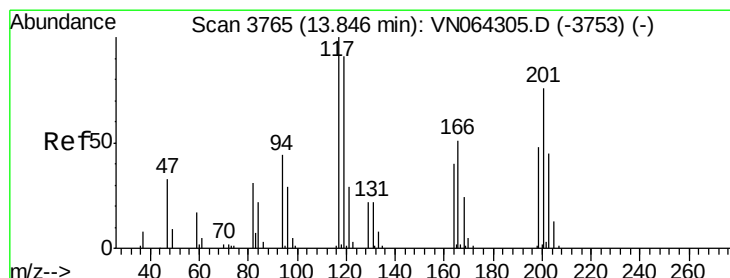
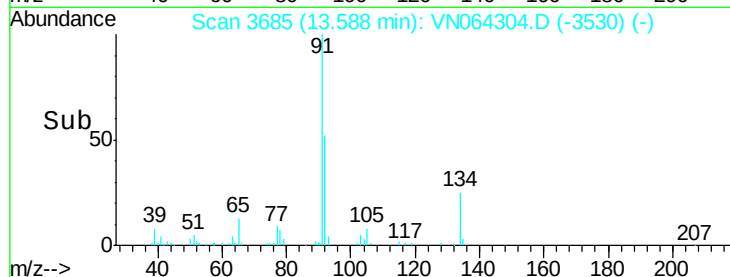
Abundance Ion 91.00 (90.70 to 91.70): VN064305.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064305.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064305.D (-3670) (-)

13.59

Time-->



#86

Hexachloroethane

Concen: 5.002 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064304.D

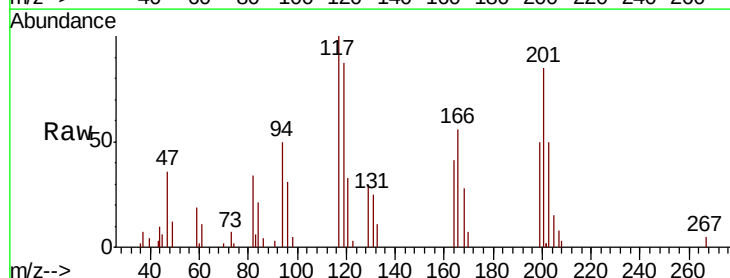
Acq: 26 Oct 2020 15:55

Tgt Ion: 117 Resp: 11592

Ion Ratio Lower Upper

117 100

201 91.1 39.6 118.7

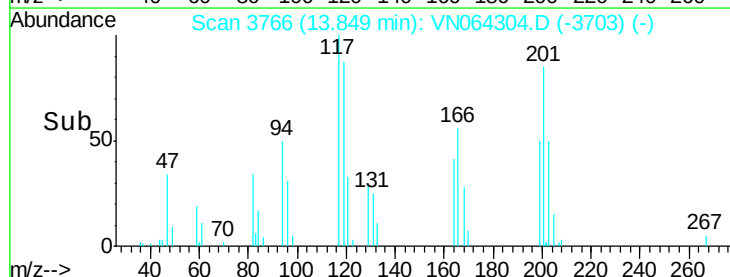


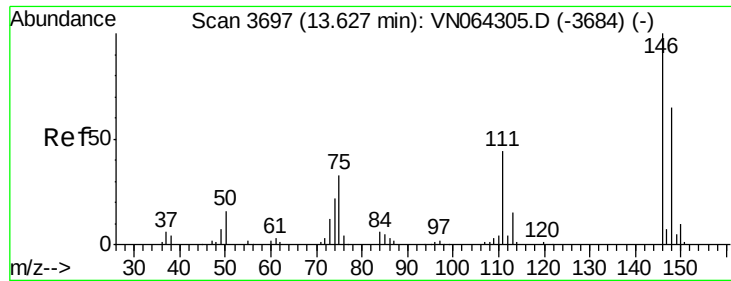
Abundance Ion 117.00 (116.70 to 117.70): VN064305.D (-3753) (-)

Ion 201.00 (200.70 to 201.70): VN064305.D (-3753) (-)

13.85

Time-->

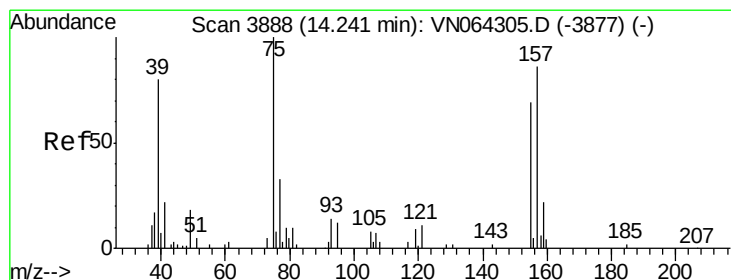
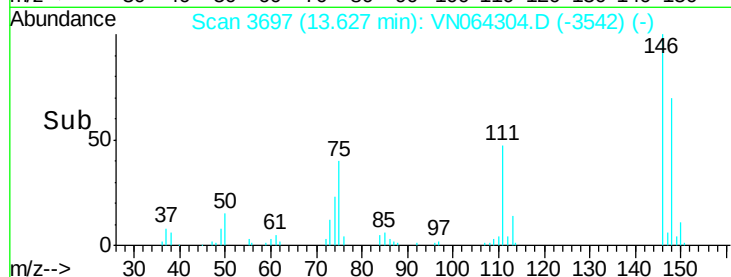
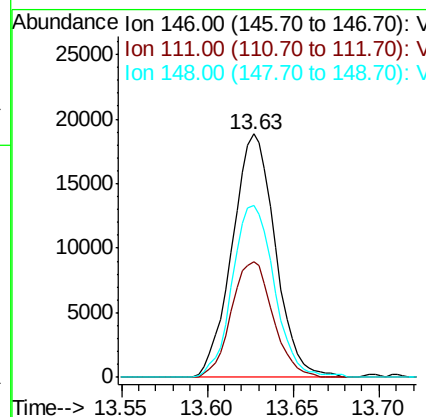
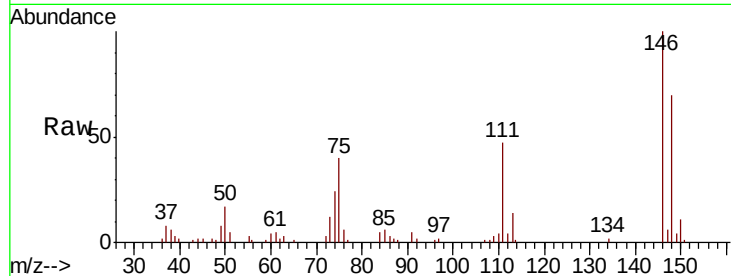




#87
 1,2-Dichlorobenzene
 Concen: 4.803 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

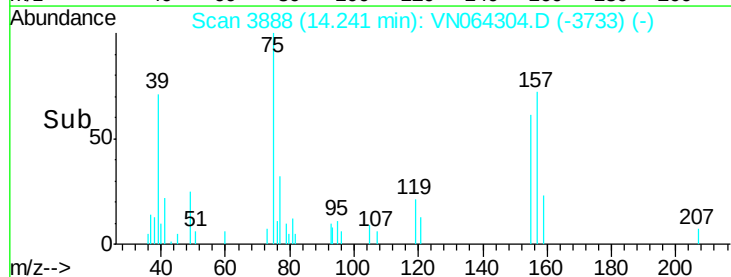
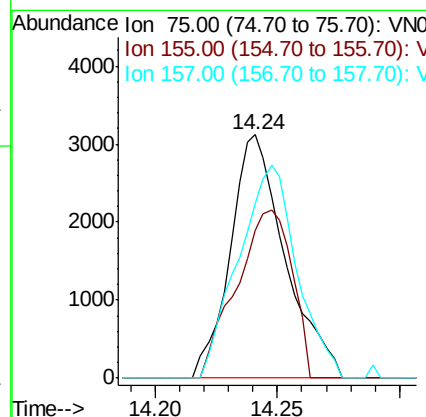
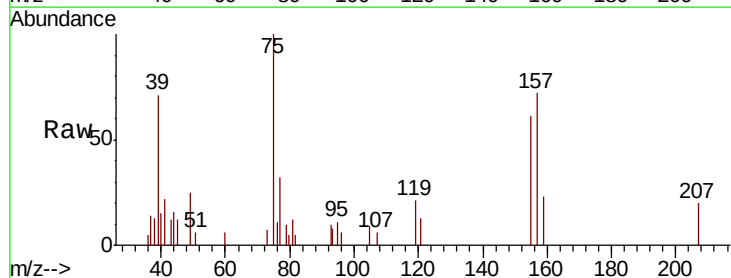
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

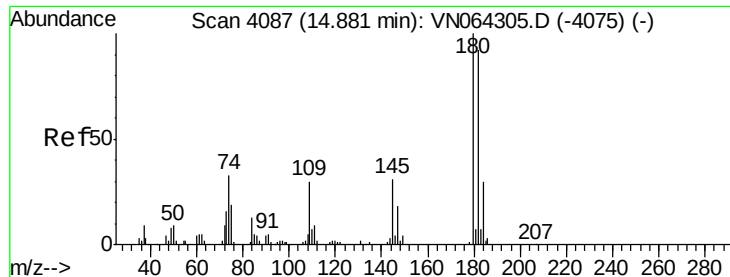
Tot Ion:146 Resp: 32773
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.3 66.8
 148 68.6 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.446 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion: 75 Resp: 4860
 Ion Ratio Lower Upper
 75 100
 155 69.9 55.8 83.8
 157 93.4 72.1 108.1

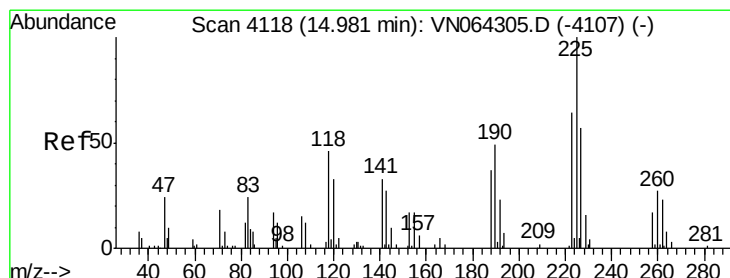
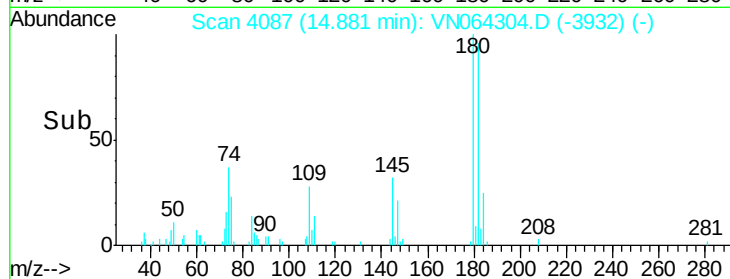
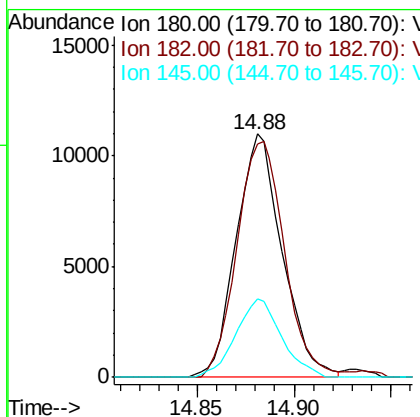
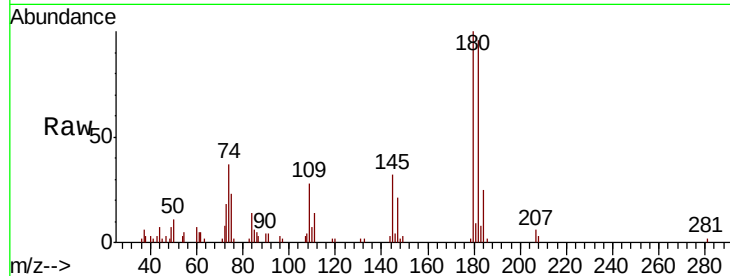




#89
 1,2,4-Trichlorobenzene
 Concen: 4.729 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

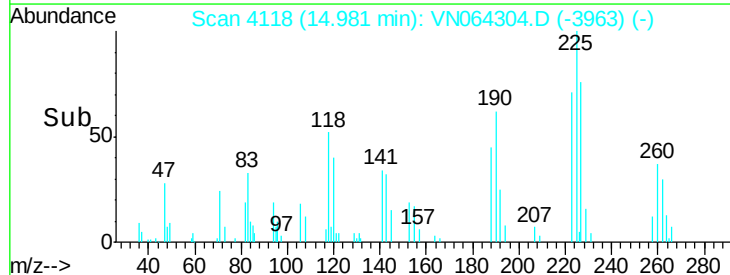
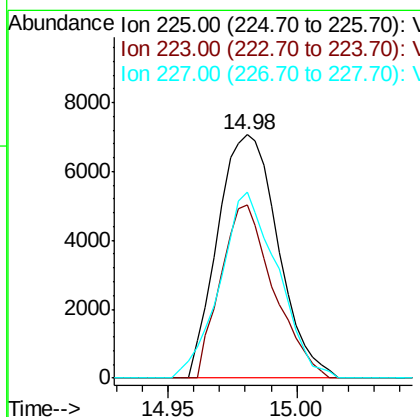
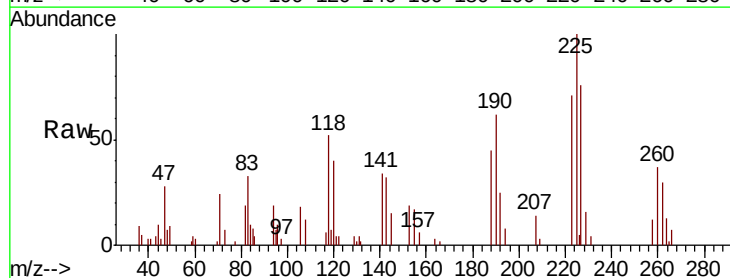
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

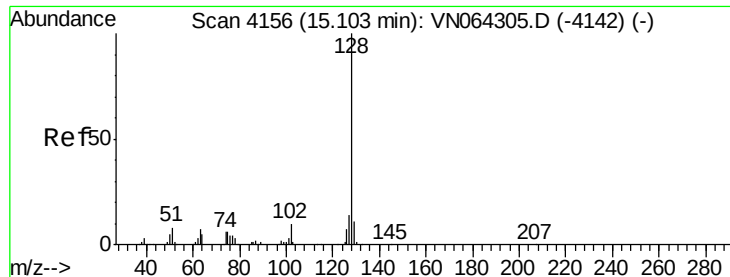
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.6	114.8
145	32.0	25.4	38.0



#90
 Hexachlorobutadiene
 Concen: 5.489 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064304.D
 Acq: 26 Oct 2020 15:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	122.0
227	72.9	0.0	118.0





#91

Naphthalene

Concen: 4.159 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

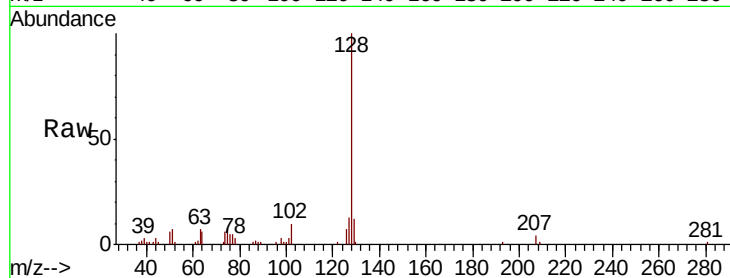
Tot Ion:128 Resp: 47522

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

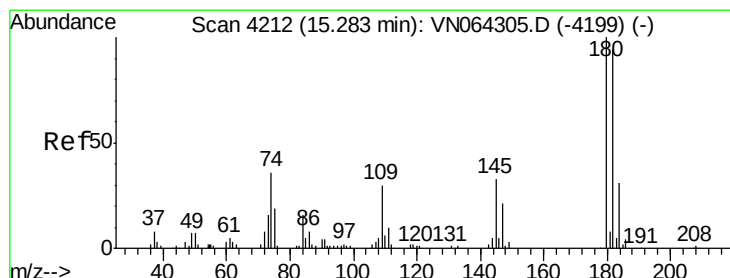
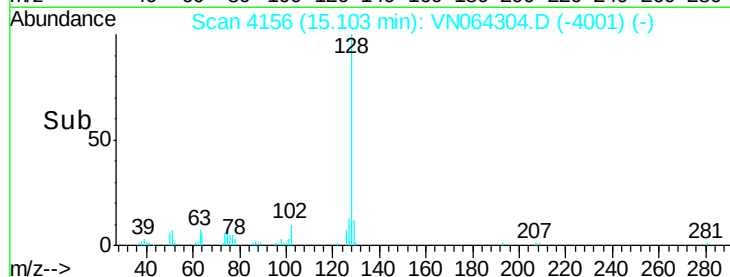
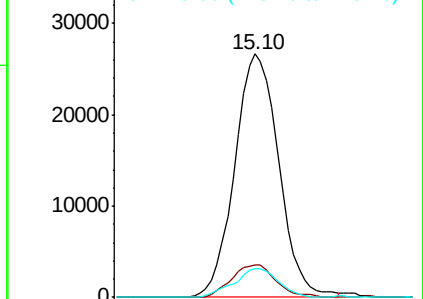
129 11.7 8.8 13.2



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: 4.677 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN064304.D

Acq: 26 Oct 2020 15:55

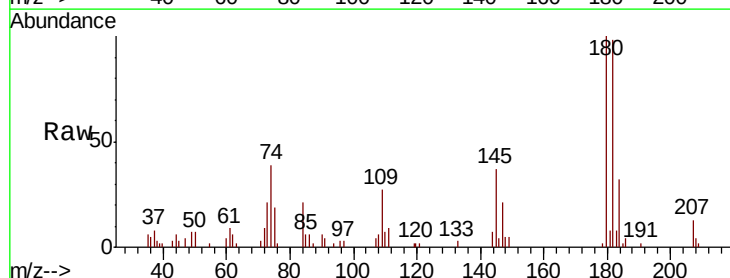
Tgt Ion:180 Resp: 17315

Ion Ratio Lower Upper

180 100

182 100.7 0.0 190.0

145 38.2 0.0 67.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

