

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064305.D
 Acq On : 26 Oct 2020 16:18
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 26 16:41:43 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	47040	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	260955	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	239750	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	132075	31.95	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.50%
60) 4-Bromofluorobenzene	12.38	95	130374	30.56	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.87%
63) Toluene-d8	10.06	98	322719	30.17	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	75505	24.279	ug/l 100
3) Chloromethane	2.04	50	67582	21.128	ug/l 100
4) Vinyl Chloride	2.16	62	66459	20.623	ug/l 100
5) Bromomethane	2.53	94	41998	20.082	ug/l 100
6) Chloroethane	2.67	64	37191	19.886	ug/l 100
7) Trichlorofluoromethane	2.98	101	106460	19.764	ug/l 100
8) Diethyl Ether	3.37	74	33775	19.108	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51166	19.273	ug/l 100
10) 1,1-Dichloroethene	3.69	96	49979	19.535	ug/l 100
11) Methyl Iodide	3.91	142	68112	18.469	ug/l 100
12) Methyl Acetate	4.28	43	60677	20.008	ug/l 100
13) Acrolein	3.57	56	16647	69.354	ug/l 100
14) Acrylonitrile	4.93	53	129855	107.831	ug/l 100
15) Acetone	3.78	58	34783	94.444	ug/l 100
16) Carbon Disulfide	4.01	76	141763	19.067	ug/l 100
17) Allyl chloride	4.28	41	89270	18.175	ug/l 100
18) Methylene Chloride	4.51	84	56900	18.880	ug/l 100
19) trans-1,2-Dichloroethene	4.98	96	51193	17.852	ug/l 100
20) Diisopropyl ether	5.90	45	190910	20.168	ug/l 100
21) 1,1-Dichloroethane	5.79	63	106652	19.132	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	61853	18.590	ug/l 100
23) tert-Butyl Alcohol	4.73	59	57787	104.647	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	188755	20.715	ug/l 100
25) Chloroform	7.33	83	111645	18.545	ug/l 100
26) Cyclohexane	7.61	56	85135	19.590	ug/l 100
29) 1,1-Dichloropropene	7.75	75	83264	18.867	ug/l 100
30) 2-Butanone	6.78	43	200387	101.598	ug/l 100
31) 2,2-Dichloropropane	6.77	77	53899	9.826	ug/l # 81
32) 1,1,1-Trichloroethane	7.53	97	106039	18.791	ug/l 100
33) Carbon Tetrachloride	7.73	117	96243	19.008	ug/l 100
34) Benzene	8.00	78	225984	18.710	ug/l 100
35) Methacrylonitrile	7.12	41	40232	20.275	ug/l 100
36) 1,2-Dichloroethane	8.09	62	103926	19.888	ug/l 100
37) Trichloroethene	8.80	130	60564	18.374	ug/l 100
38) Methylcyclohexane	9.05	83	77828	19.188	ug/l 100
39) 1,2-Dichloropropane	9.08	63	63040	19.370	ug/l 100
40) Dibromomethane	9.17	93	43006	19.098	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	92262	18.923	ug/l	100
42) Vinyl Acetate	5.84	43	859060	99.022	ug/l	100
43) Ethyl Acetate	6.88	43	81909	19.612	ug/l	100
44) Isopropyl Acetate	8.13	43	150645	20.185	ug/l	100
45) 1,4-Dioxane	9.17	88	23045	478.970	ug/l	100
46) Methyl methacrylate	9.17	41	74195	20.452	ug/l	100
47) n-amyl Acetate	12.05	43	124464	19.256	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	105156	19.192	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	104109	18.373	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	58884	19.562	ug/l	100
51) Ethyl methacrylate	10.40	69	88589	19.120	ug/l	100
52) 1,3-Dichloropropane	10.68	76	102482	19.377	ug/l	100
53) Dibromochloromethane	10.87	129	70027	18.773	ug/l	100
54) 1,2-Dibromoethane	10.97	107	62437	19.399	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	223817	92.790	ug/l	100
56) Bromoform	12.10	173	50591	18.986	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	426603	103.235	ug/l	100
59) 2-Hexanone	10.72	43	314845	101.220	ug/l	100
61) Tetrachloroethene	10.60	164	59726	18.381	ug/l	100
62) Toluene	10.13	91	243833	18.187	ug/l	100
64) Chlorobenzene	11.41	112	150763	18.215	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	60647	18.253	ug/l	100
66) Ethyl Benzene	11.48	91	282915	18.330	ug/l	100
67) m/p-Xylenes	11.59	106	202455	35.653	ug/l	100
68) o-Xylene	11.92	106	98590	17.865	ug/l	100
69) Styrene	11.94	104	165889	17.996	ug/l	100
70) Isopropylbenzene	12.22	105	266829	18.215	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	79115	19.713	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	119182	28.233	ug/l	65
73) Bromobenzene	12.50	156	65227	18.276	ug/l	100
74) n-propylbenzene	12.57	91	301639	18.032	ug/l	100
75) 2-Chlorotoluene	12.65	91	190677	18.287	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	224911	18.128	ug/l	100
77) t-1,4-Dichloro-2-butene	12.28	75	31483	19.492	ug/l	100
78) 4-Chlorotoluene	12.75	91	195718	18.101	ug/l	100
79) tert-butylbenzene	12.97	119	181924	18.015	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	227837	18.078	ug/l	100
81) sec-Butylbenzene	13.15	105	235664	17.997	ug/l	100
82) p-Isopropyltoluene	13.26	119	213311	17.750	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	110295	17.636	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	110341	17.378	ug/l	100
85) n-Butylbenzene	13.59	91	181424	17.270	ug/l	100
86) Hexachloroethane	13.85	117	40456	19.444	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	109914	17.940	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19557	19.928	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	58991	17.042	ug/l	100
90) Hexachlorobutadiene	14.98	225	32451	17.204	ug/l	100
91) Naphthalene	15.10	128	188202	18.344	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	58692	17.657	ug/l	100

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QLast Update : Mon Oct 26 16:34:22 2020
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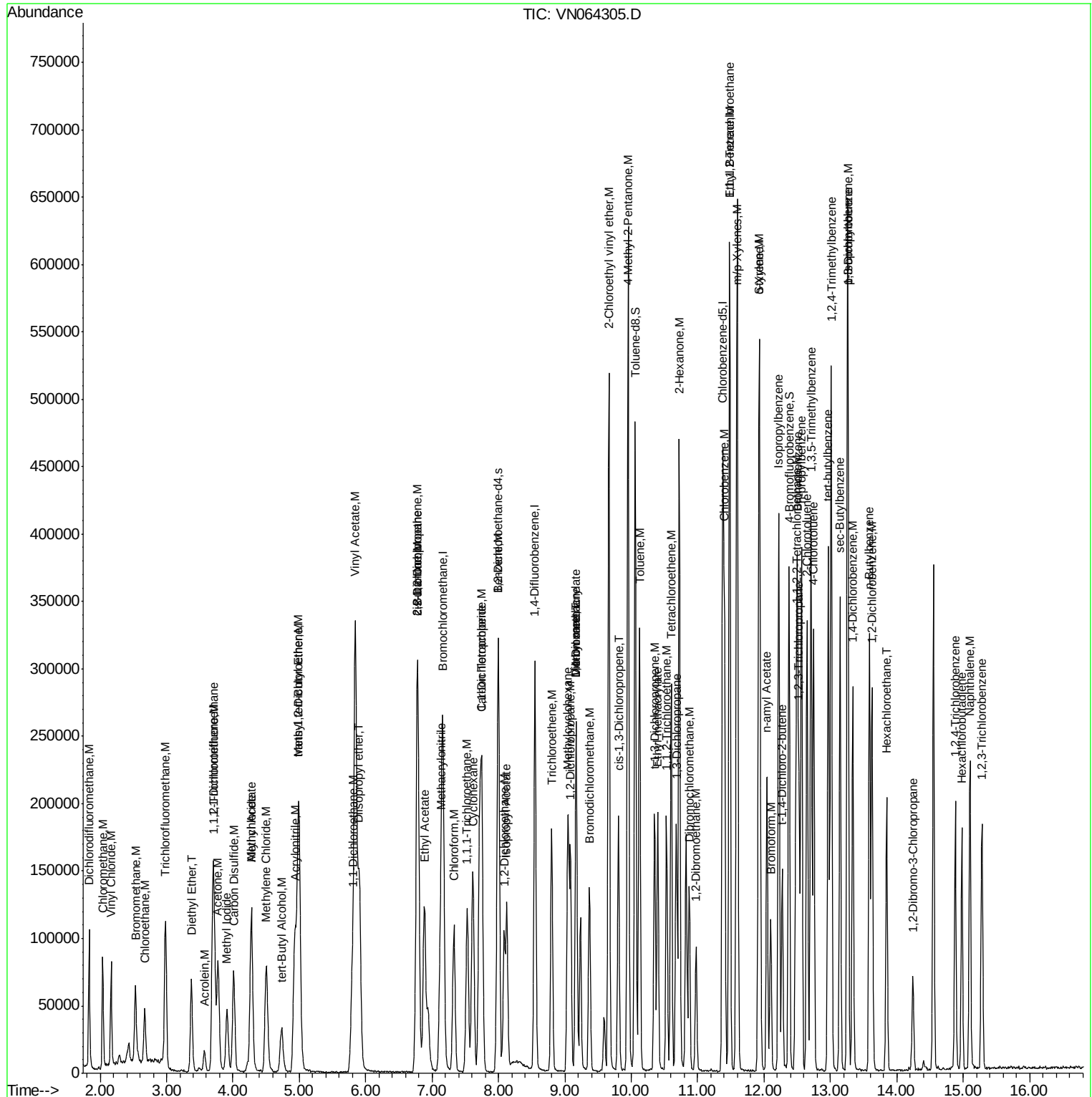
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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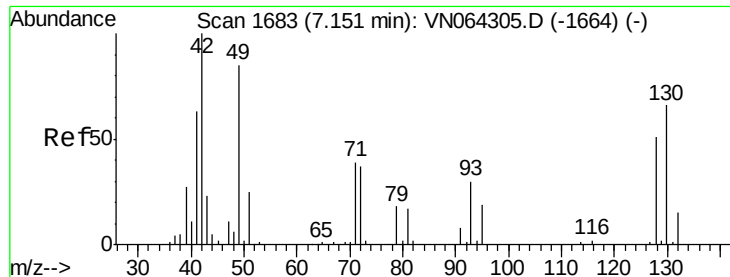
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102620\
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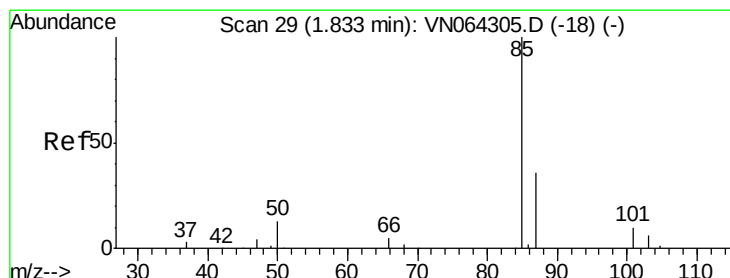
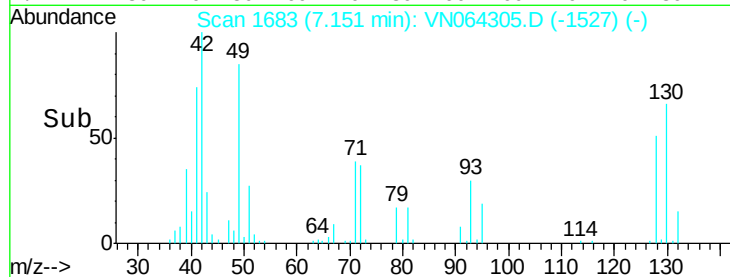
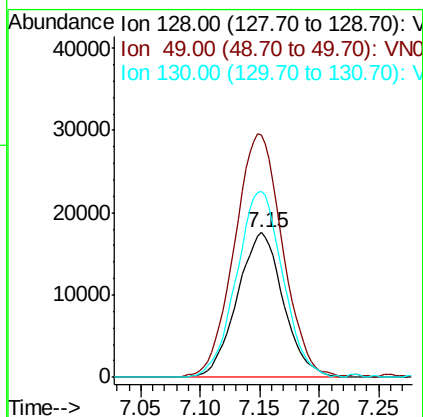
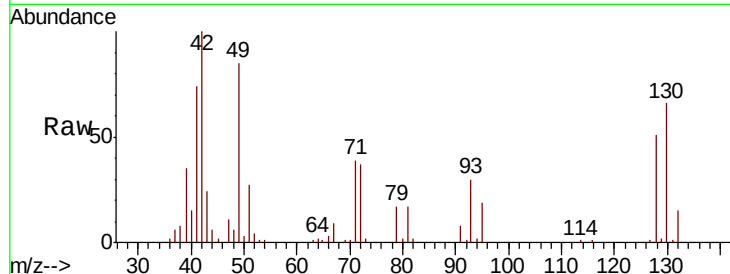




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN064305.D
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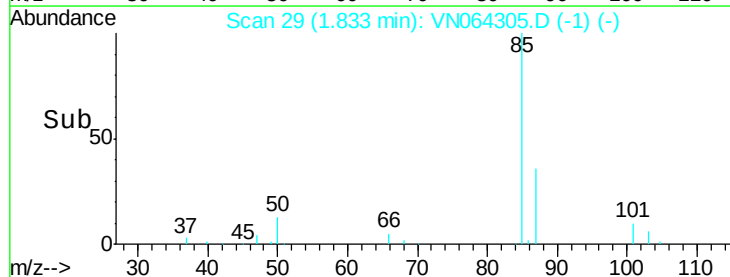
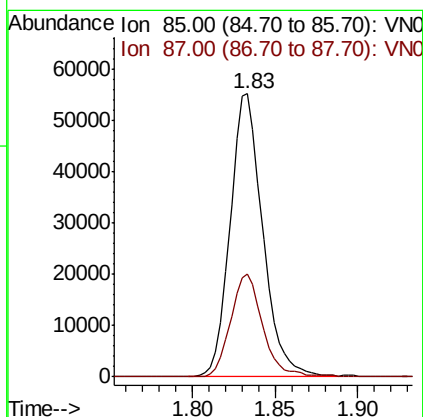
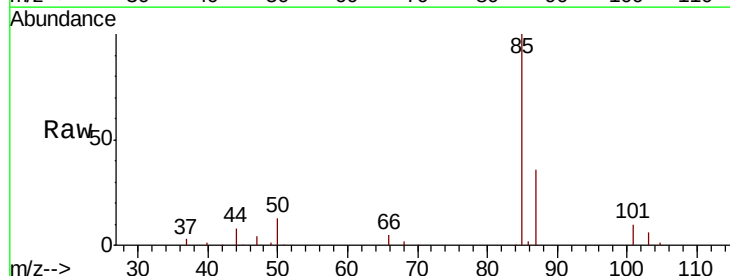
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

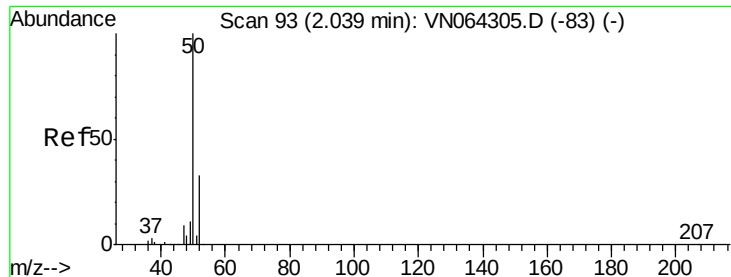
Tot Ion:128 Resp: 47040
Ion Ratio Lower Upper
128 100
49 175.8 0.0 439.5
130 129.5 0.0 323.8



#2
Dichlorodifluoromethane
Concen: 24.279 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 85 Resp: 75505
Ion Ratio Lower Upper
85 100
87 36.3 18.1 54.4

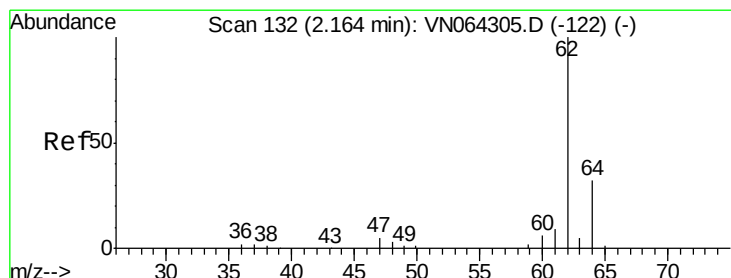
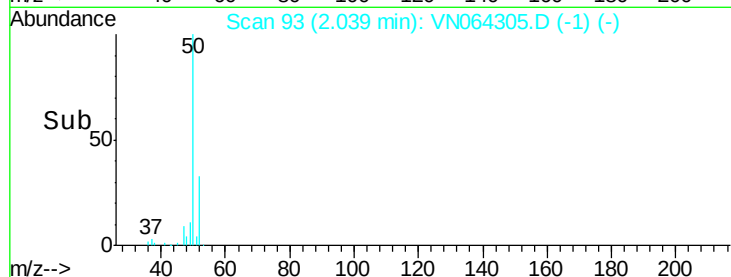
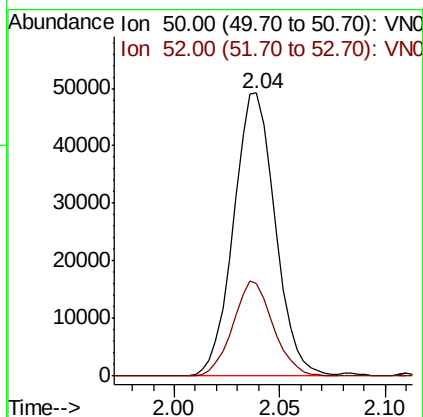
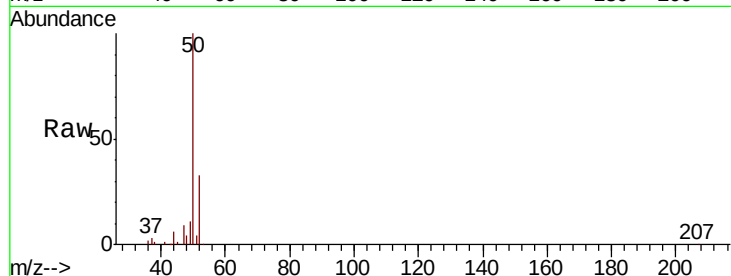




#3
Chloromethane
Concen: 21.128 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

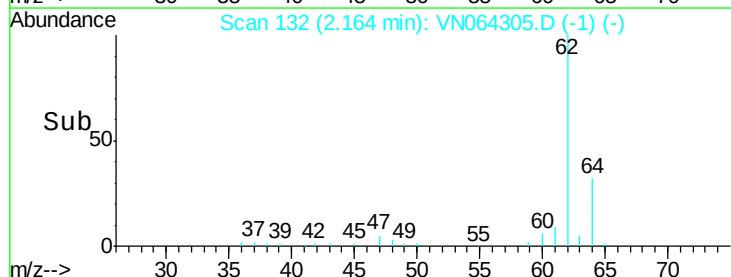
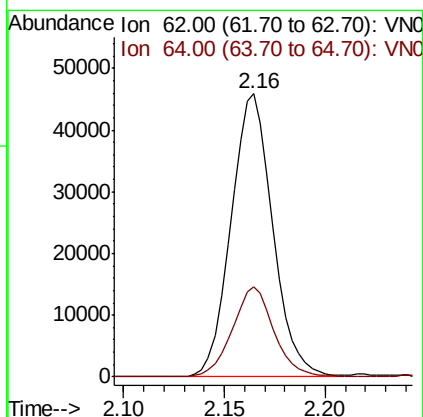
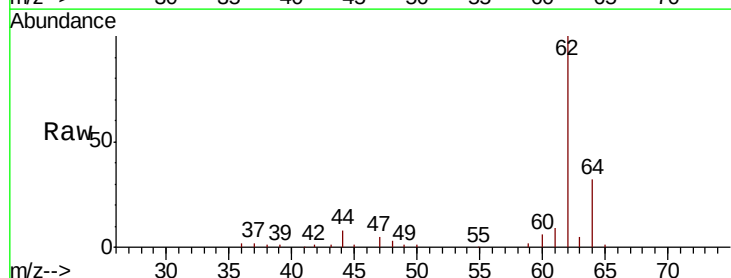
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

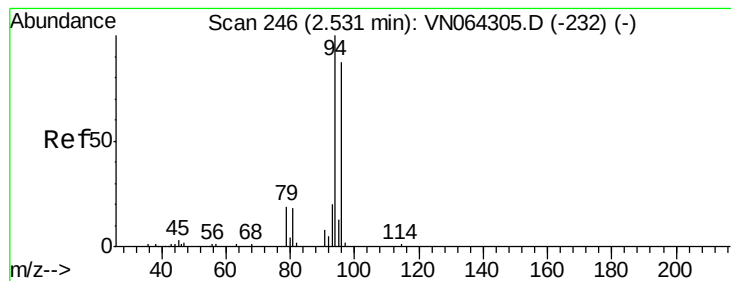
Tot Ion: 50 Resp: 67582
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 20.623 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 62 Resp: 66459
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3





#5

Bromomethane

Concen: 20.082 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

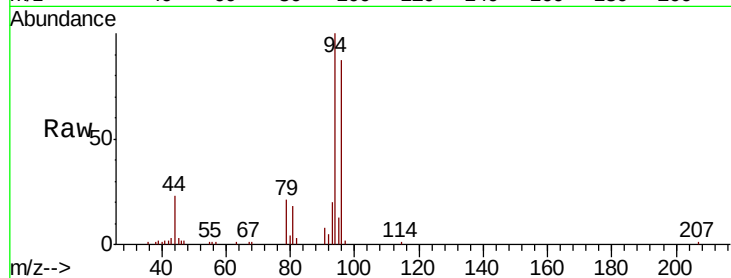
VSTDICCC020

Tot Ion: 94 Resp: 41998

Ion Ratio Lower Upper

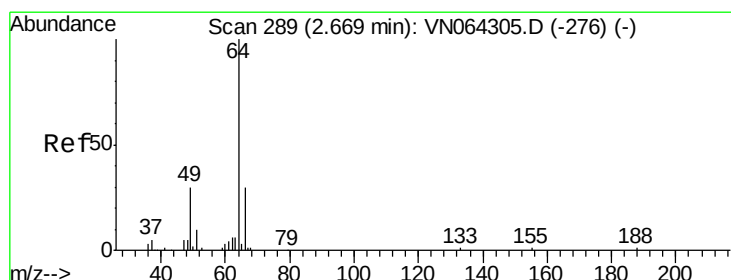
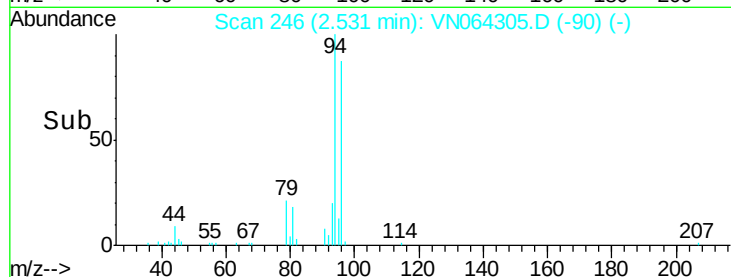
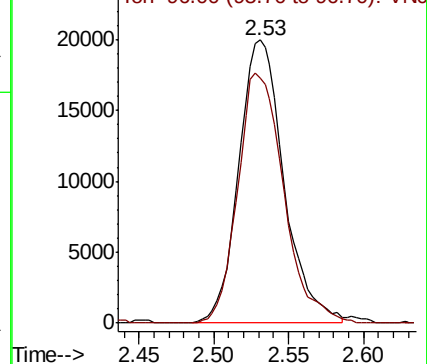
94 100

96 86.7 69.4 104.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.886 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064305.D

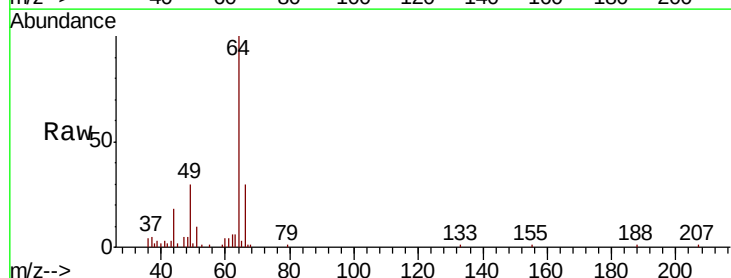
Acq: 26 Oct 2020 16:18

Tgt Ion: 64 Resp: 37191

Ion Ratio Lower Upper

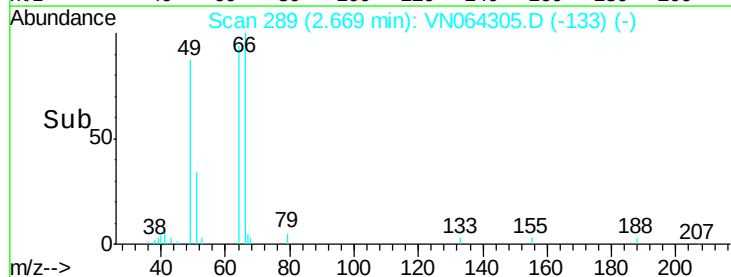
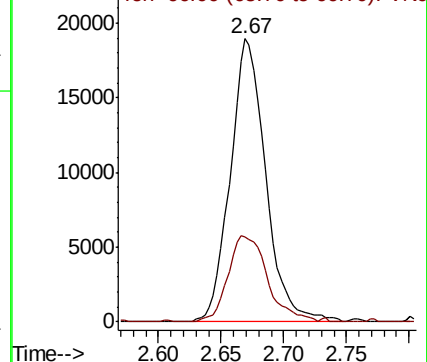
64 100

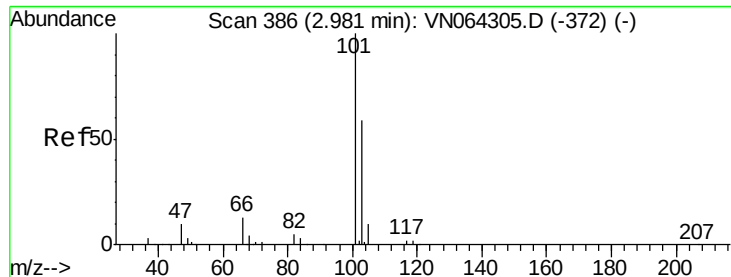
66 30.1 24.1 36.1



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



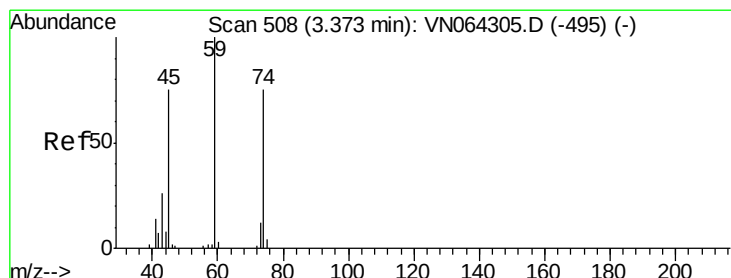
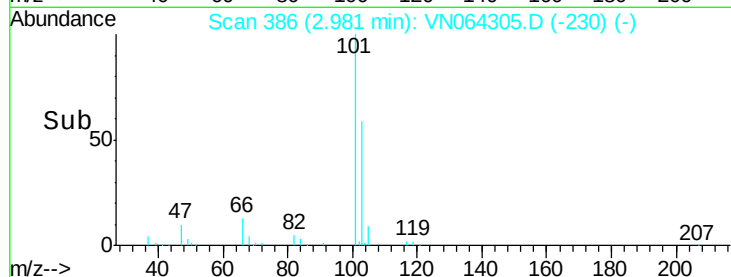
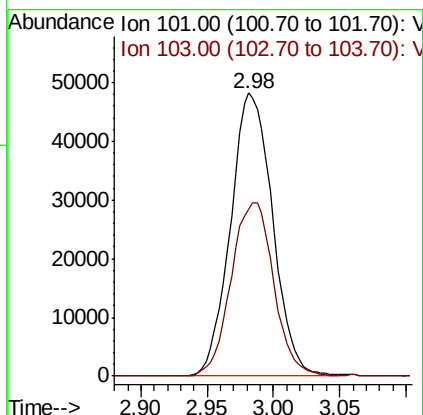
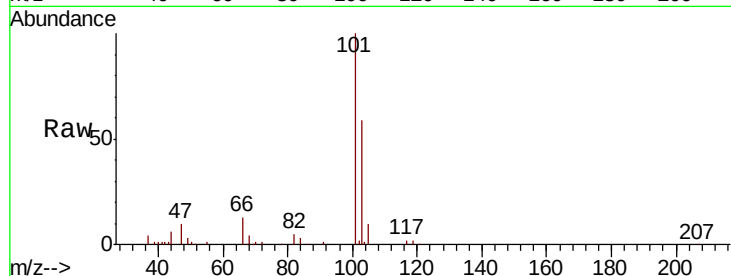


#7

Trichlorofluoromethane
Concen: 19.764 ug/l
RT: 2.98 min Scan# 386
Delta R.T. 0.00 min
Lab File: VN064305.D
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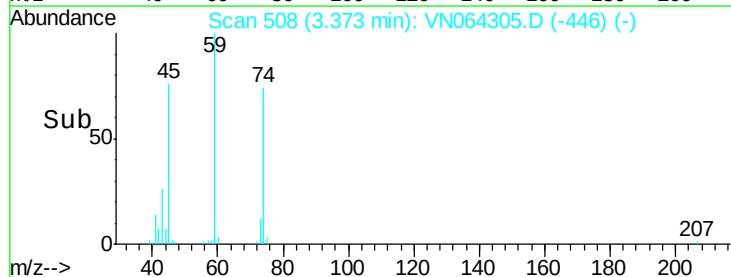
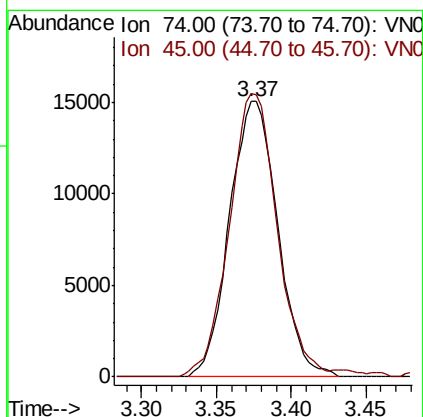
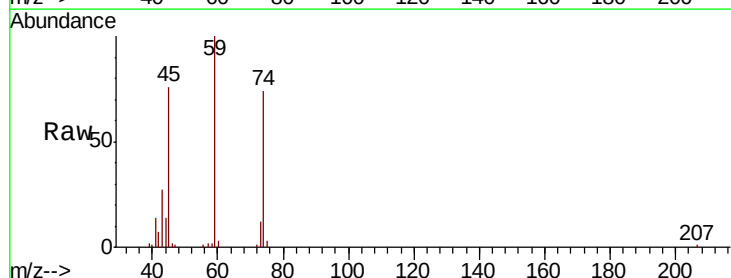
Tot Ion:101 Resp: 106460
Ion Ratio Lower Upper
101 100
103 58.9 47.1 70.7

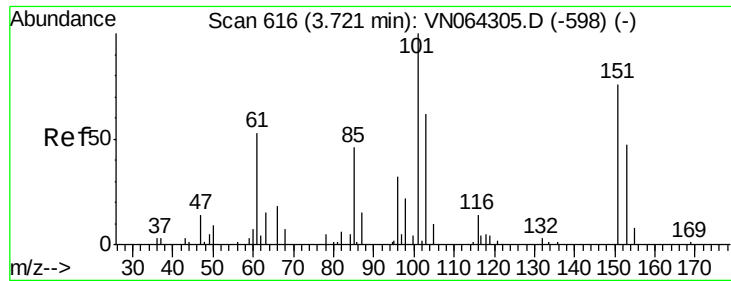


#8

Diethyl Ether
Concen: 19.108 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 74 Resp: 33775
Ion Ratio Lower Upper
74 100
45 102.0 20.4 183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.273 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

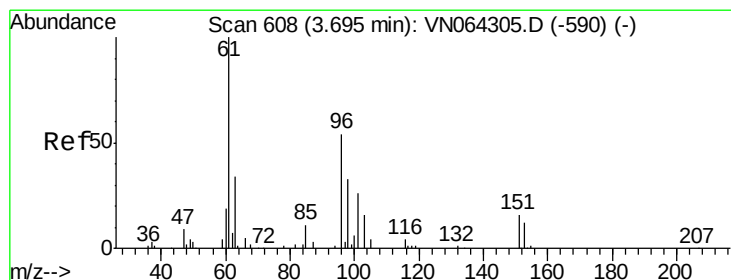
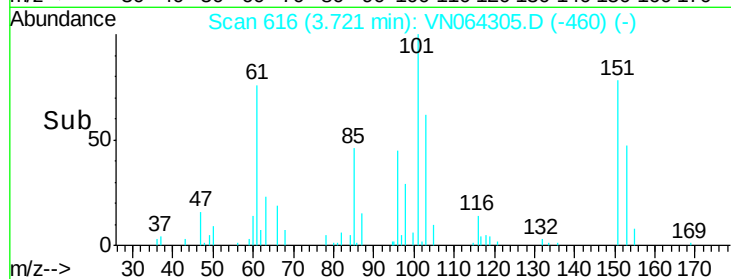
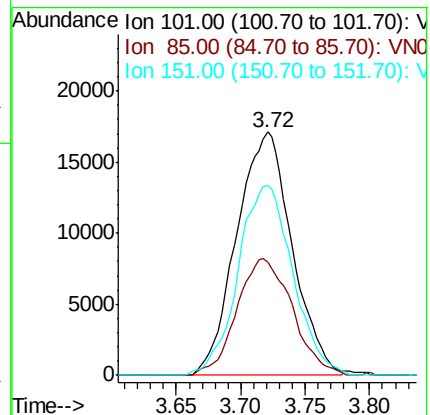
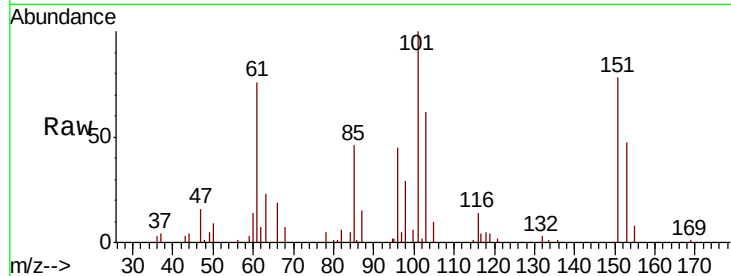
Tot Ion:101 Resp: 51166

Ion Ratio Lower Upper

101 100

85 48.1 0.0 96.2

151 77.2 0.0 154.4



#10

1,1-Dichloroethene

Concen: 19.535 ug/l

RT: 3.69 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

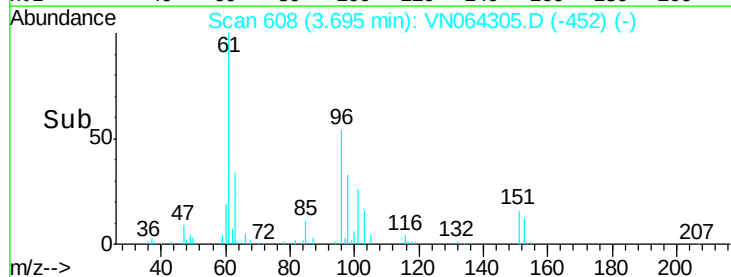
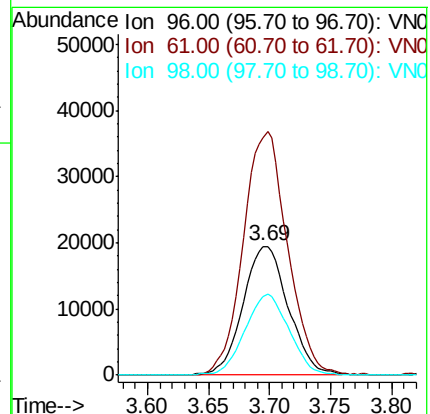
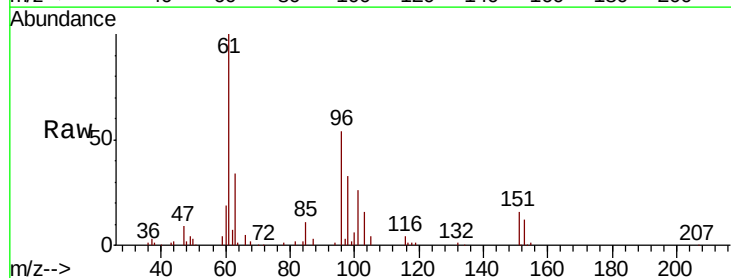
Tgt Ion: 96 Resp: 49979

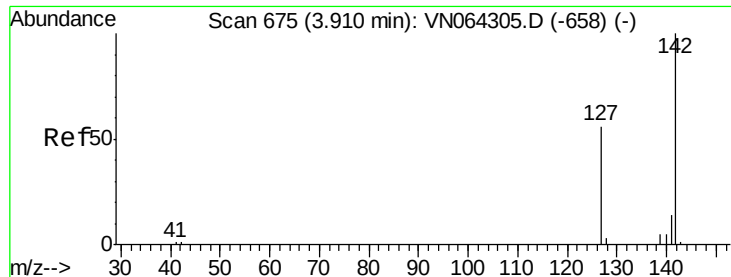
Ion Ratio Lower Upper

96 100

61 184.3 147.4 221.2

98 61.0 48.8 73.2

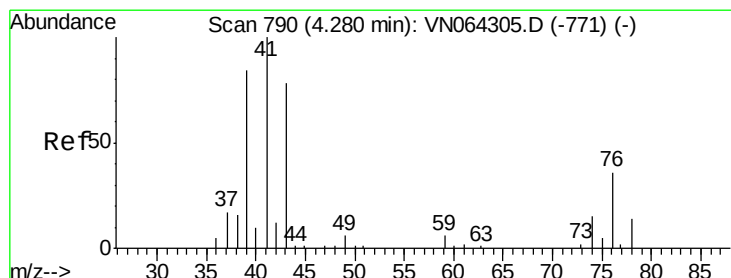
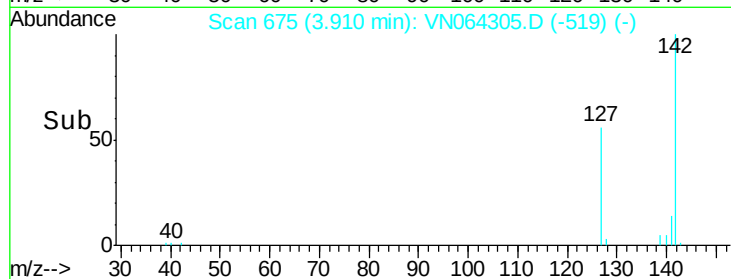
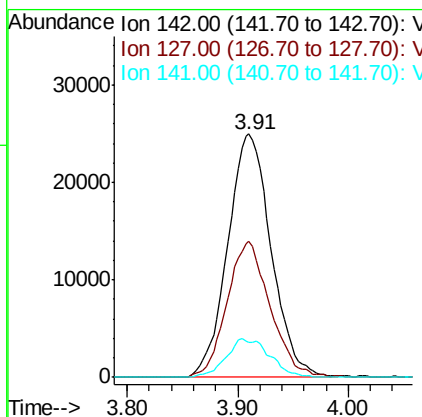
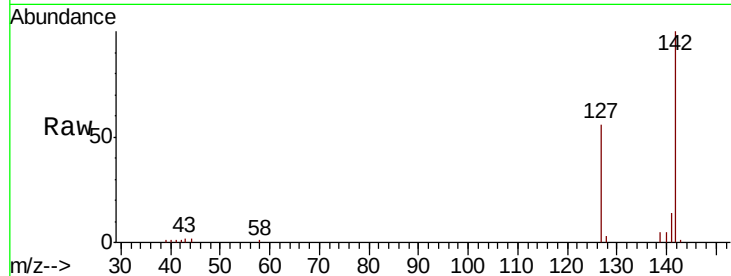




#11
Methyl Iodide
Concen: 18.469 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

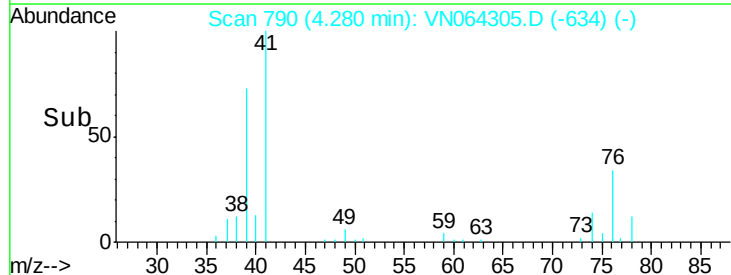
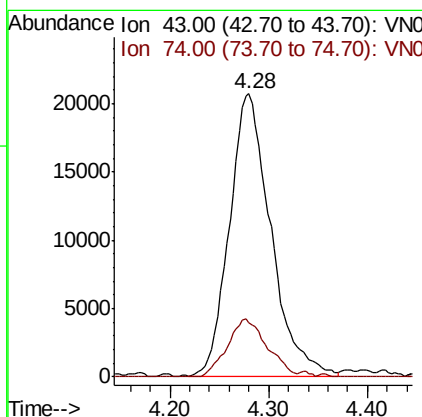
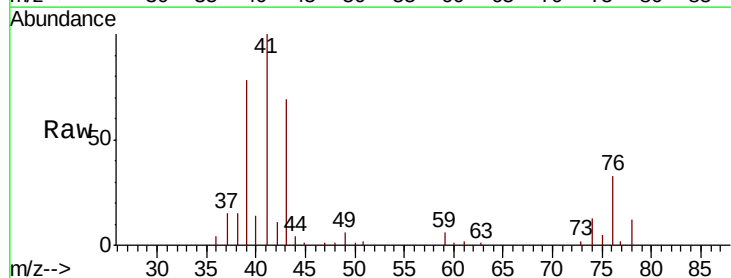
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

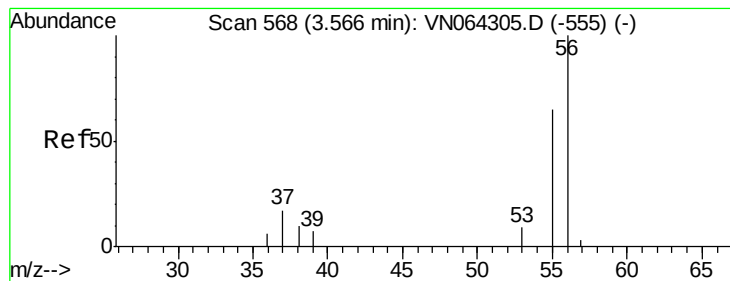
Tot Ion:142 Resp: 68112
Ion Ratio Lower Upper
142 100
127 55.8 27.9 83.7
141 14.2 7.1 21.3



#12
Methyl Acetate
Concen: 20.008 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 43 Resp: 60677
Ion Ratio Lower Upper
43 100
74 19.2 15.4 23.0





#13

Acrolein

Concen: 69.354 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

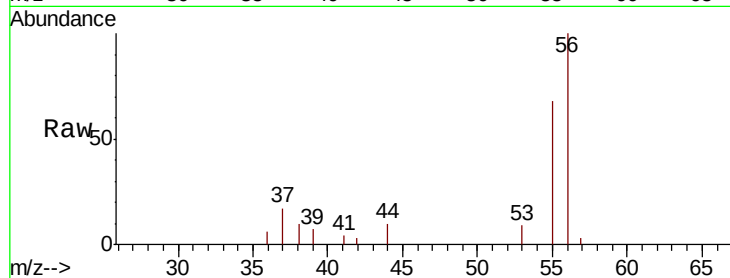
VSTDICCC020

Tot Ion: 56 Resp: 16647

Ion Ratio Lower Upper

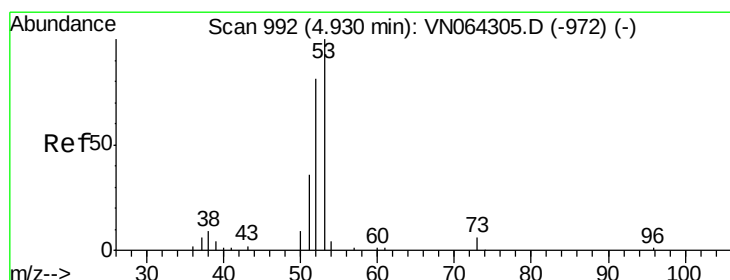
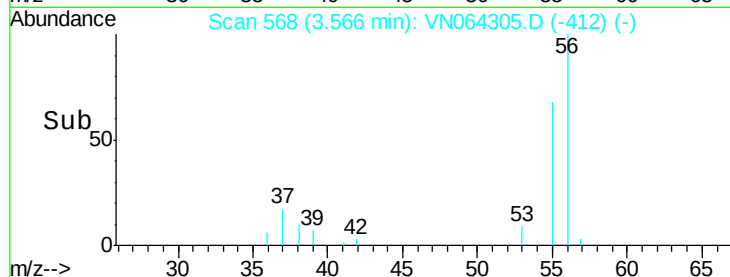
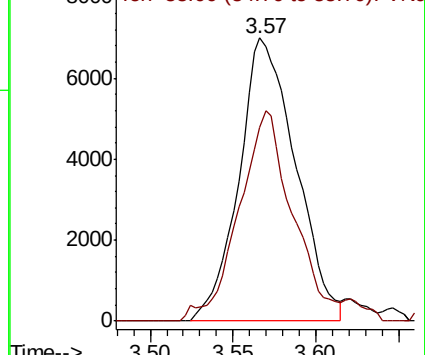
56 100

55 69.4 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: 107.831 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

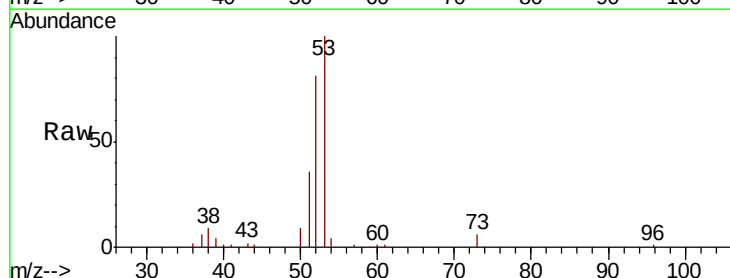
Tgt Ion: 53 Resp: 129855

Ion Ratio Lower Upper

53 100

52 83.4 41.7 125.1

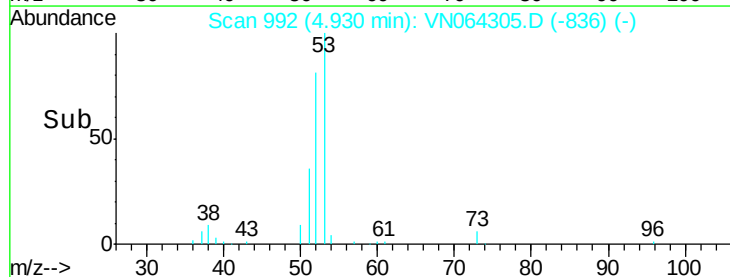
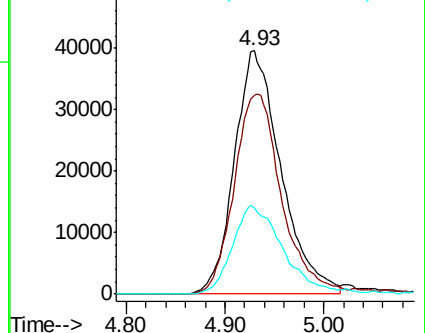
51 38.8 19.4 58.2

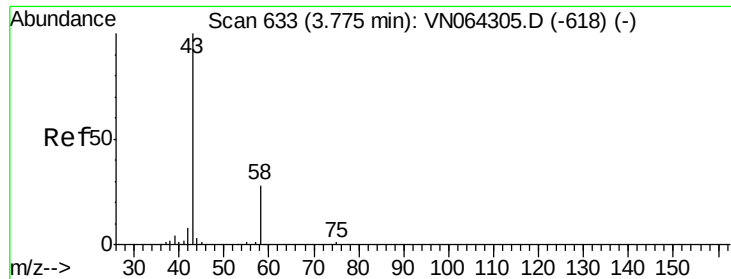


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 94.444 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

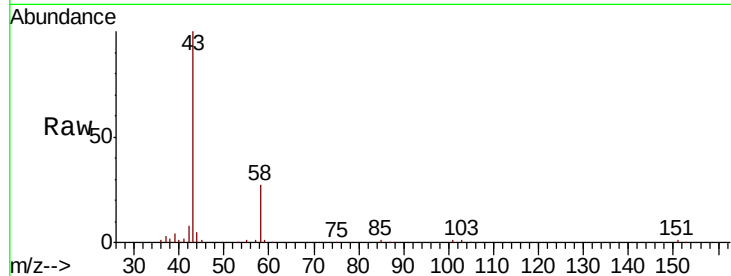
VSTDICCC020

Tot Ion: 58 Resp: 34783

Ion Ratio Lower Upper

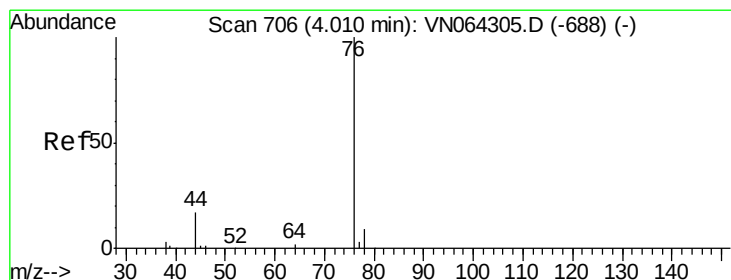
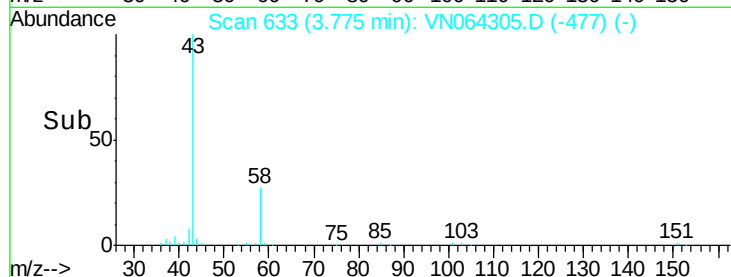
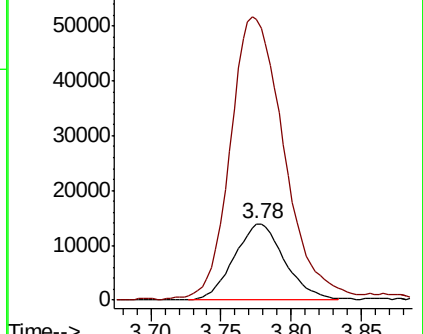
58 100

43 362.4 289.9 434.9



Abundance Ion 58.00 (57.70 to 58.70): VN064305.D (-618) (-)

Ion 43.00 (42.70 to 43.70): VN064305.D (-618) (-)



#16

Carbon Disulfide

Concen: 19.067 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064305.D

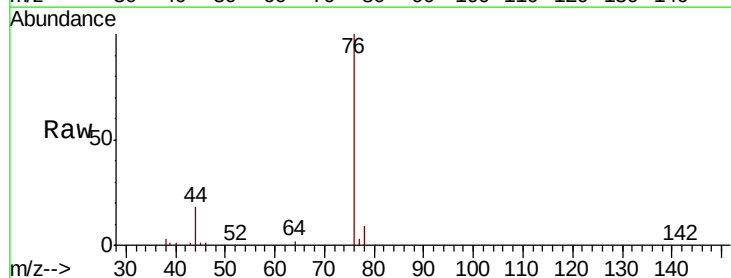
Acq: 26 Oct 2020 16:18

Tgt Ion: 76 Resp: 141763

Ion Ratio Lower Upper

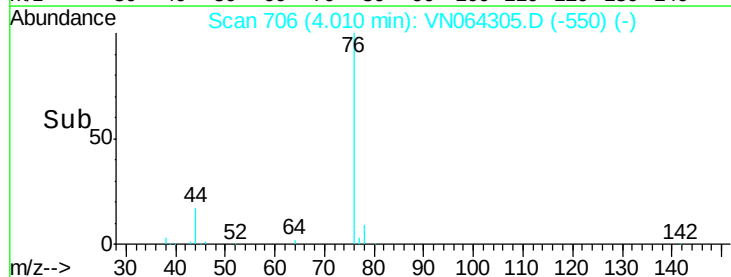
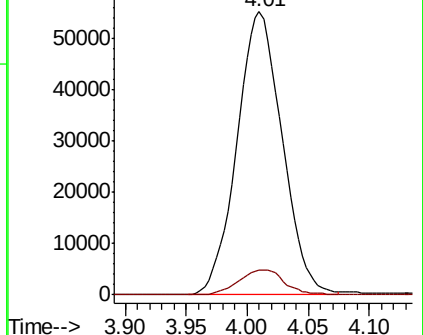
76 100

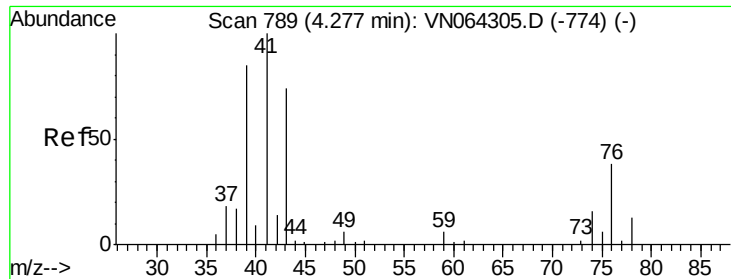
78 8.7 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN064305.D (-688) (-)

Ion 78.00 (77.70 to 78.70): VN064305.D (-688) (-)

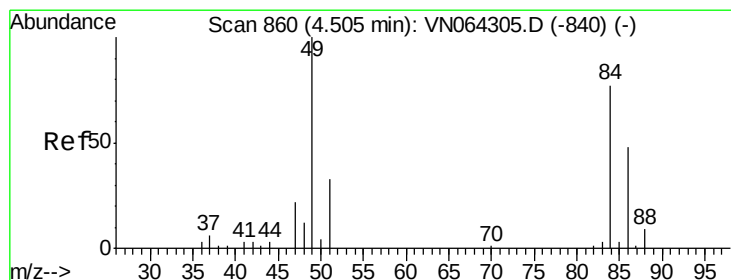
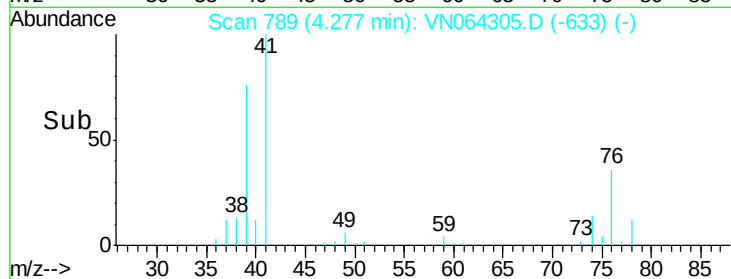
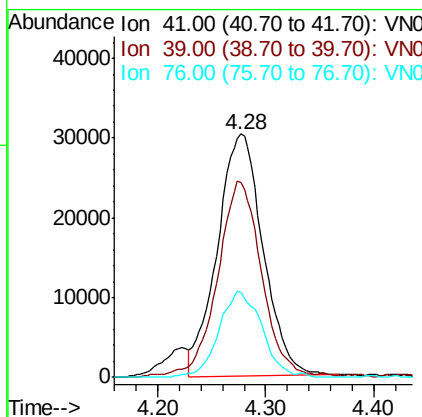
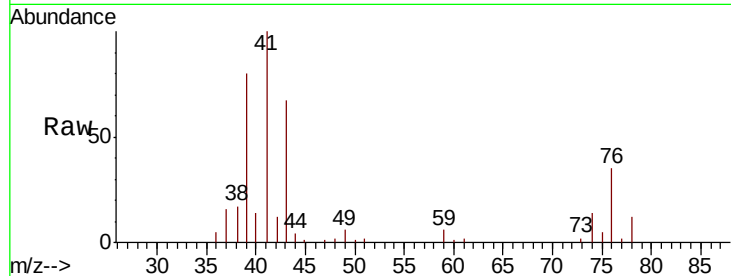




#17
Allvl chloride
Concen: 18.175 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

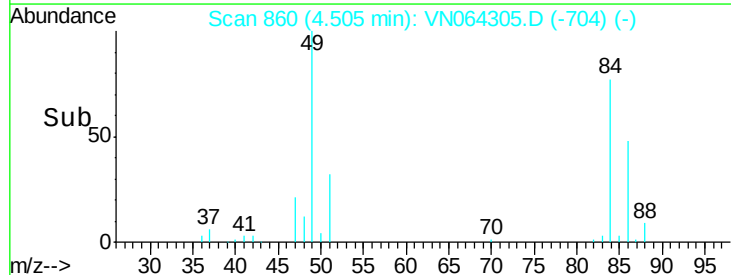
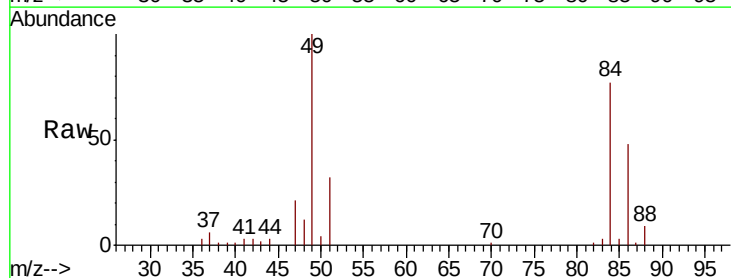
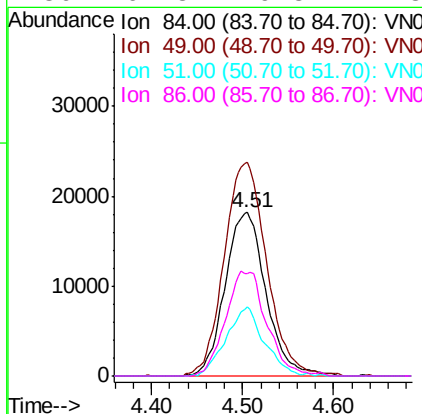
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

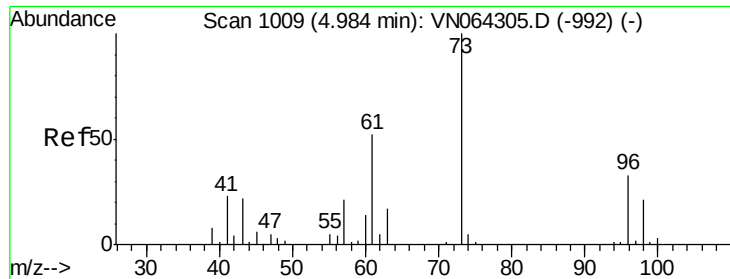
Tot Ion: 41 Resp: 89270
Ion Ratio Lower Upper
41 100
39 80.6 40.3 120.9
76 35.3 17.6 52.9



#18
Methylene Chloride
Concen: 18.880 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 84 Resp: 56900
Ion Ratio Lower Upper
84 100
49 128.9 103.1 154.7
51 42.3 33.8 50.8
86 62.3 49.8 74.8

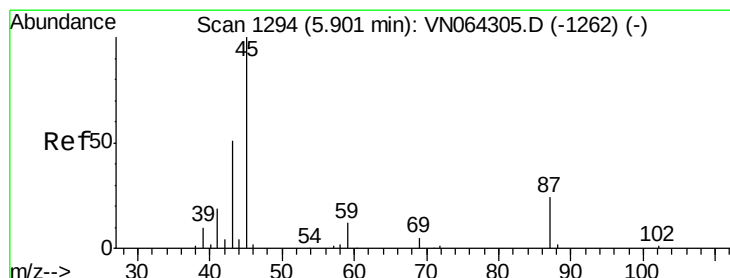
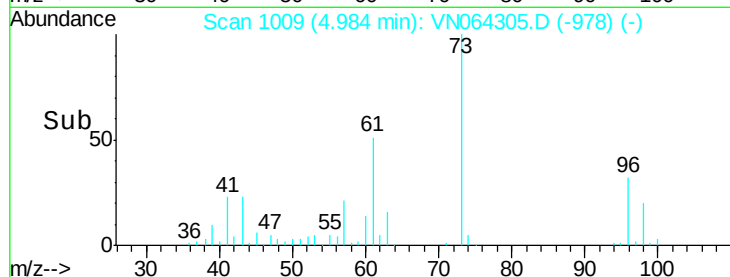
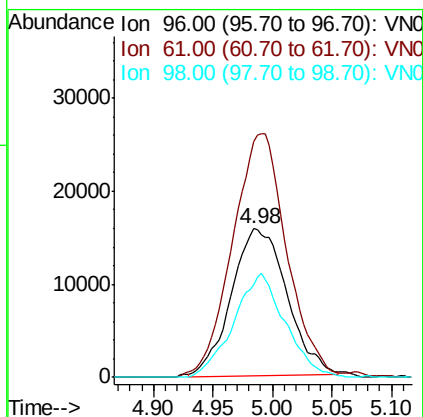
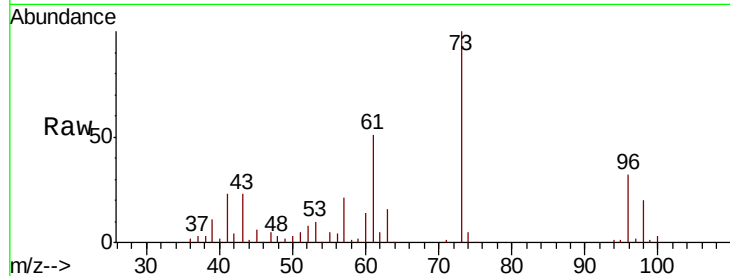




#19
trans-1,2-Dichloroethene
Concen: 17.852 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

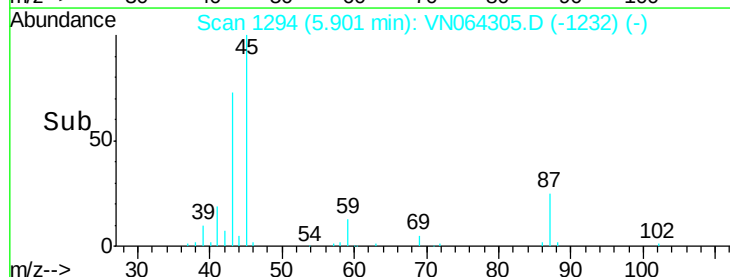
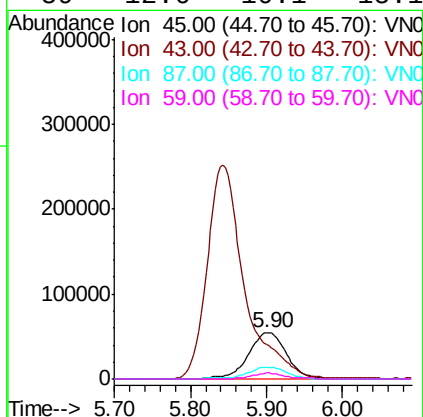
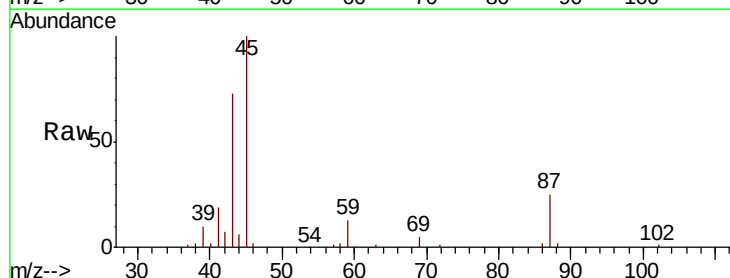
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

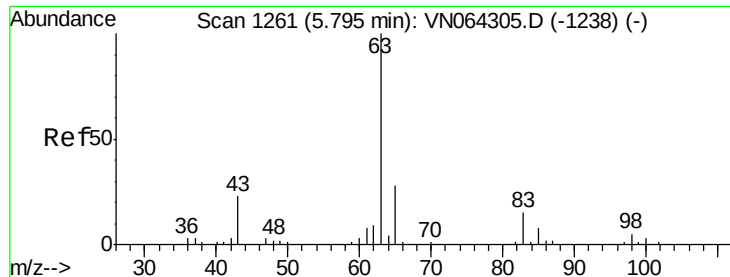
Tot Ion: 96 Resp: 51193
Ion Ratio Lower Upper
96 100
61 158.6 126.9 190.3
98 63.3 50.6 76.0



#20
Diisopropyl ether
Concen: 20.168 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 45 Resp: 190910
Ion Ratio Lower Upper
45 100
43 70.8 56.6 85.0
87 25.4 20.3 30.5
59 12.6 10.1 15.1

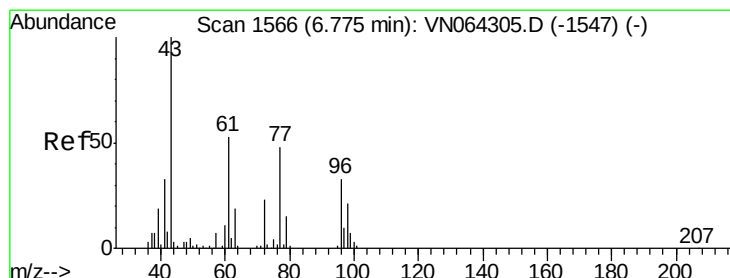
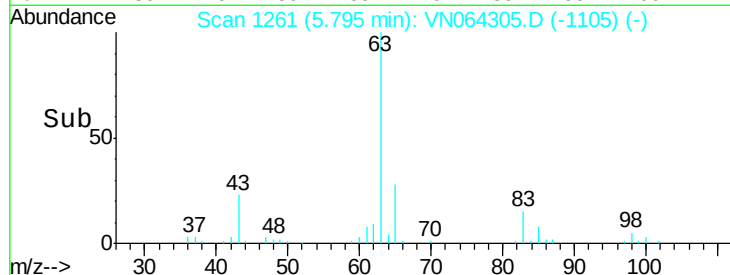
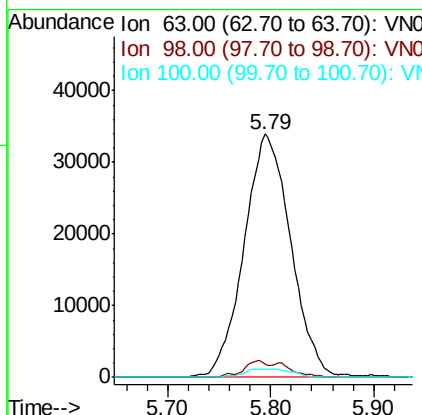
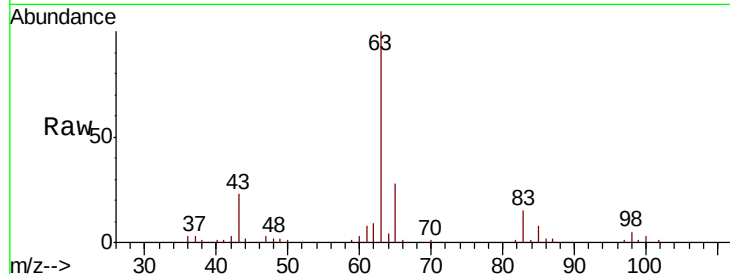




#21
 1,1-Dichloroethane
 Concen: 19.132 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

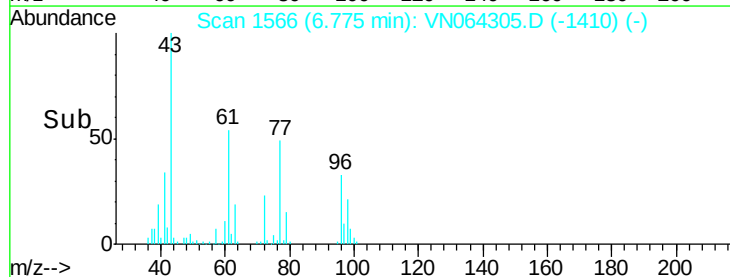
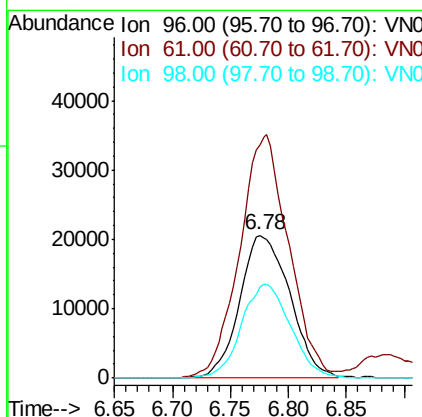
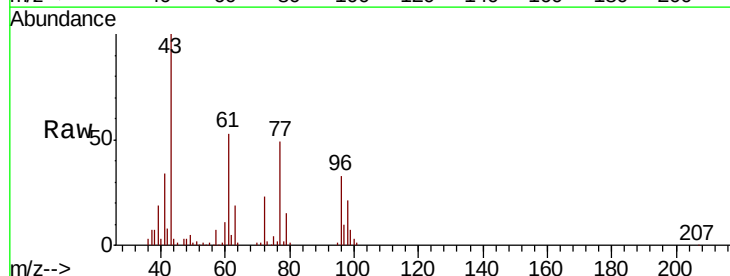
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

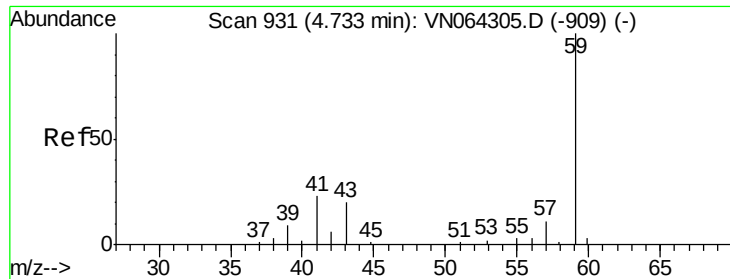
Tot Ion: 63 Resp: 106652
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.6 8.0
 100 3.2 1.6 4.8



#22
 cis-1,2-Dichloroethene
 Concen: 18.590 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 96 Resp: 61853
 Ion Ratio Lower Upper
 96 100
 61 166.3 133.0 199.6
 98 64.5 51.6 77.4



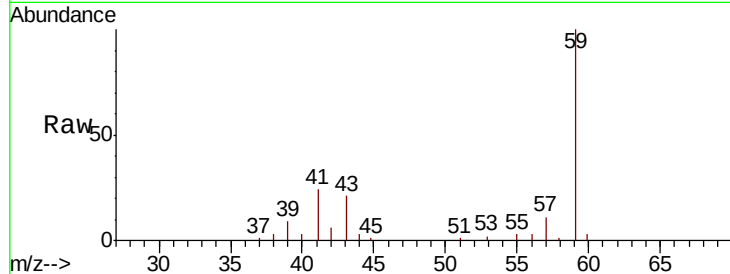


#23

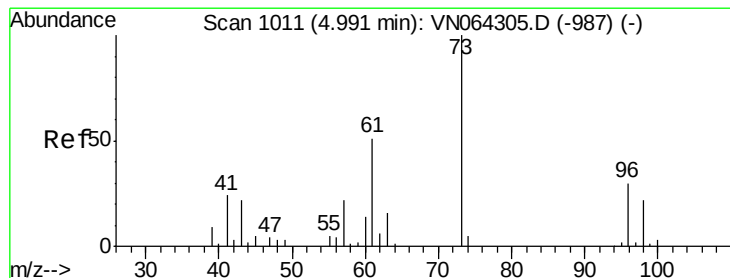
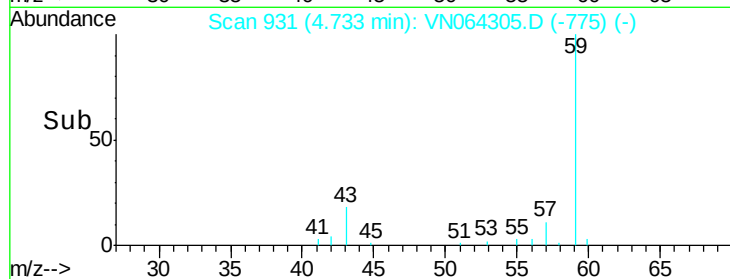
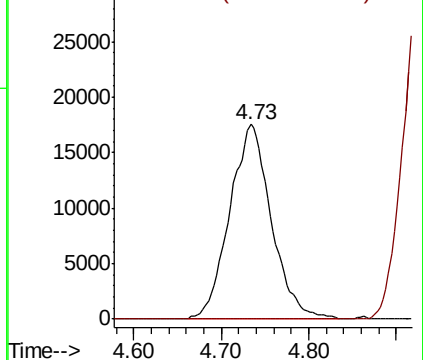
tert-Butyl Alcohol
 Concen: 104.647 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion: 59 Resp: 57787
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



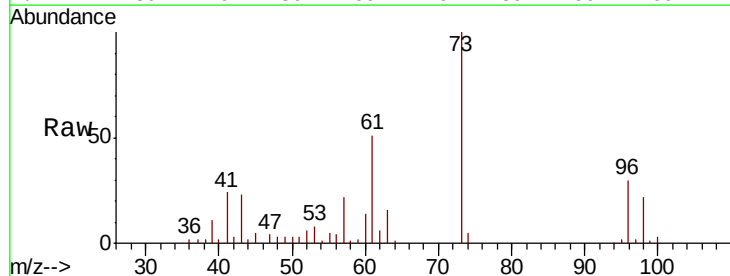
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0



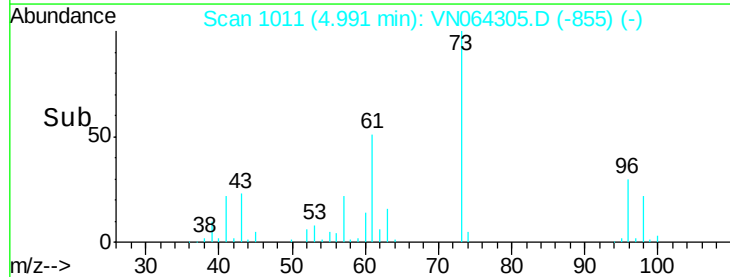
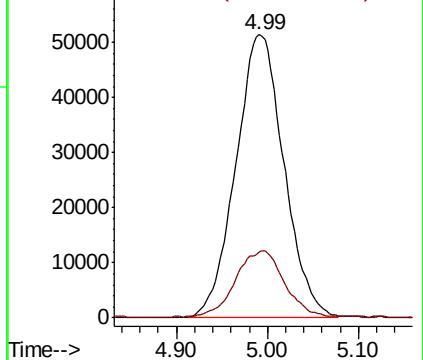
#24

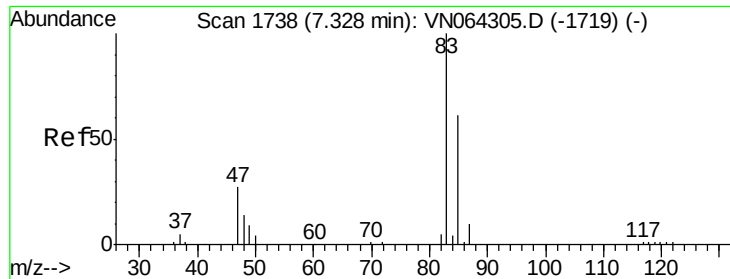
Methyl tert-Butyl Ether
 Concen: 20.715 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 73 Resp: 188755
 Ion Ratio Lower Upper
 73 100
 43 24.3 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0

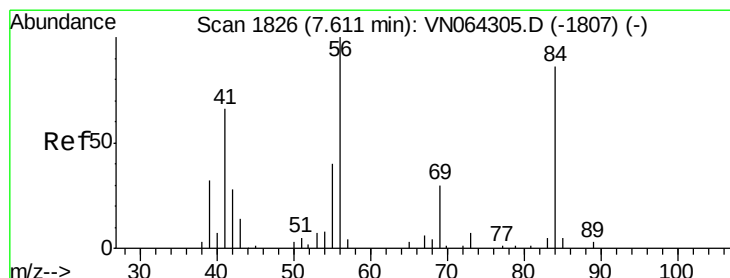
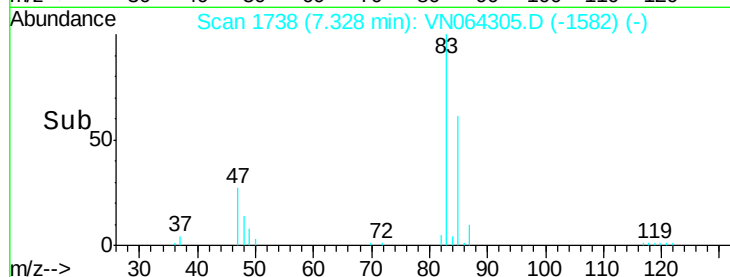
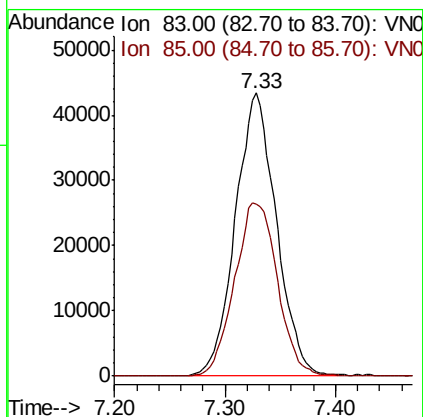
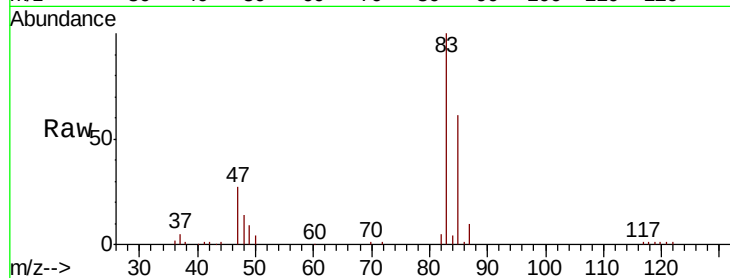




#25
Chloroform
Concen: 18.545 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

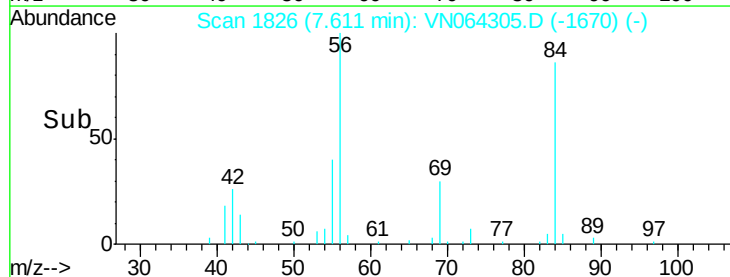
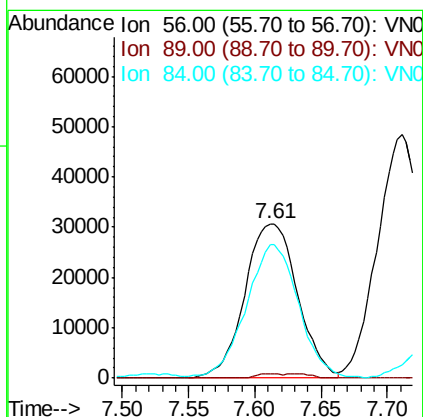
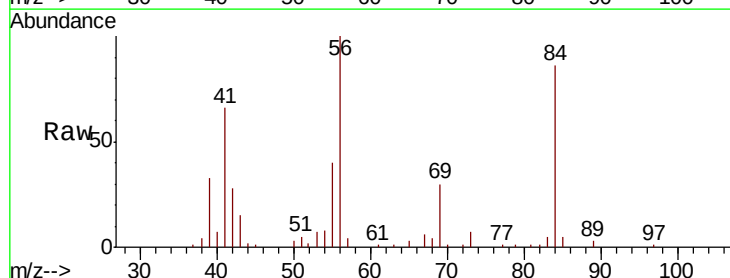
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

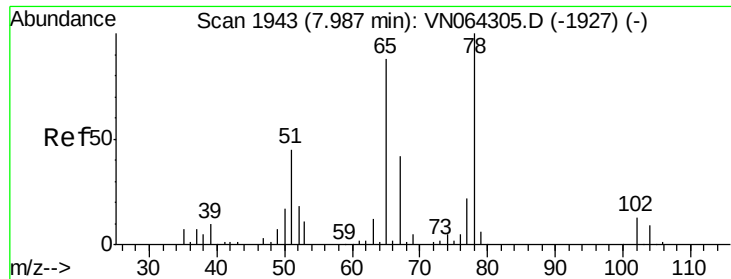
Tot Ion: 83 Resp: 111645
Ion Ratio Lower Upper
83 100
85 60.8 48.6 73.0



#26
Cyclohexane
Concen: 19.590 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 56 Resp: 85135
Ion Ratio Lower Upper
56 100
89 1.3 1.0 1.6
84 84.4 67.5 101.3

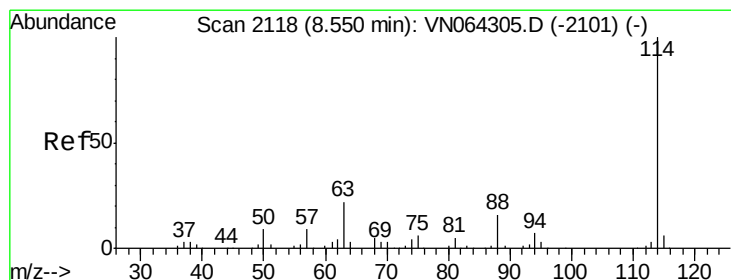
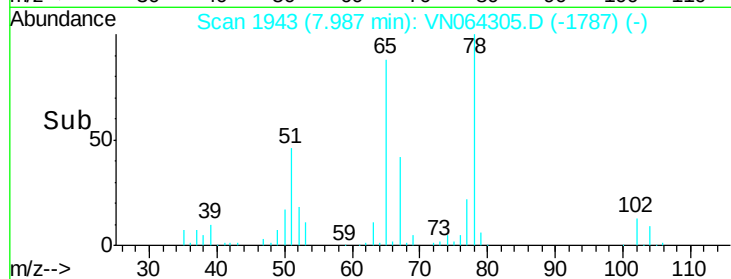
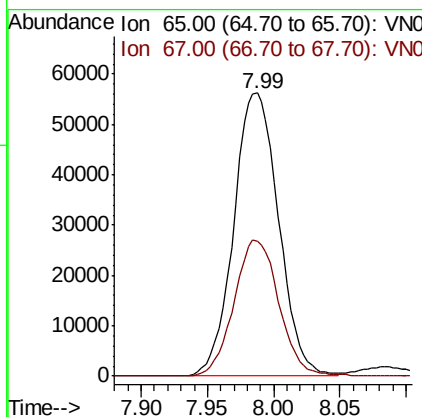
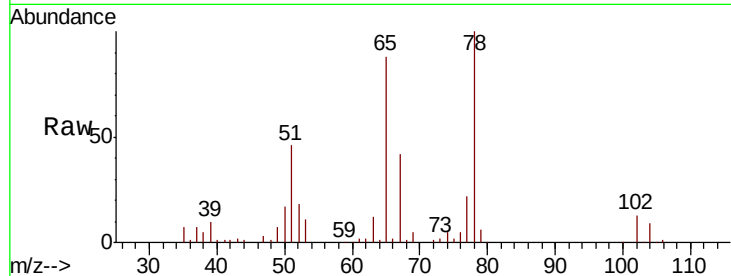




#27
 1,2-Dichloroethane-d4
 Concen: 31.952 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

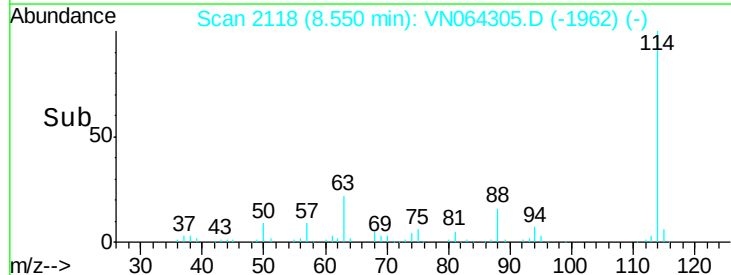
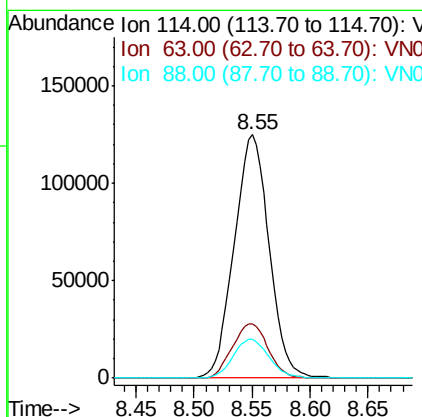
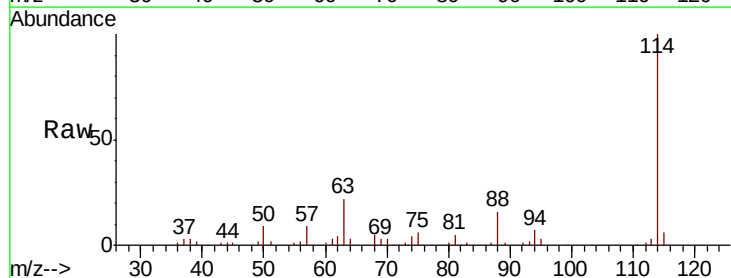
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

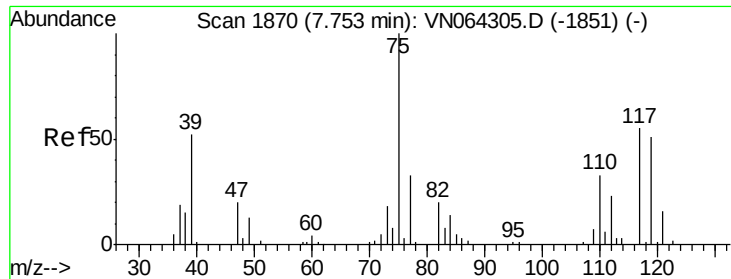
Tot Ion: 65 Resp: 132075
 Ion Ratio Lower Upper
 65 100
 67 48.1 38.5 57.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 114 Resp: 260955
 Ion Ratio Lower Upper
 114 100
 63 22.9 18.3 27.5
 88 16.5 13.2 19.8





#29

1,1-Dichloropropene

Concen: 18.867 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

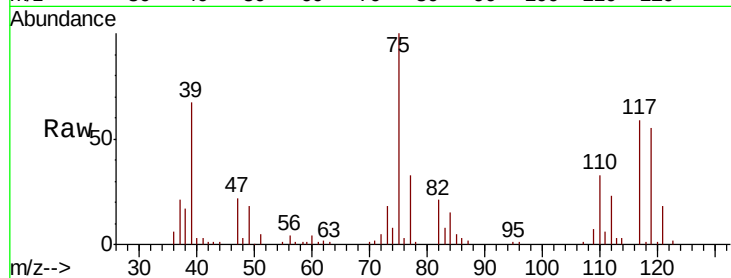
Tot Ion: 75 Resp: 83264

Ion Ratio Lower Upper

75 100

110 32.2 0.0 64.4

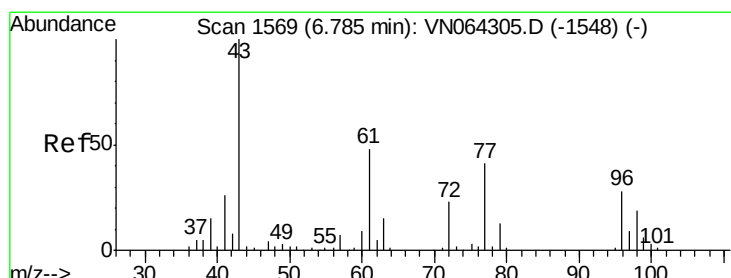
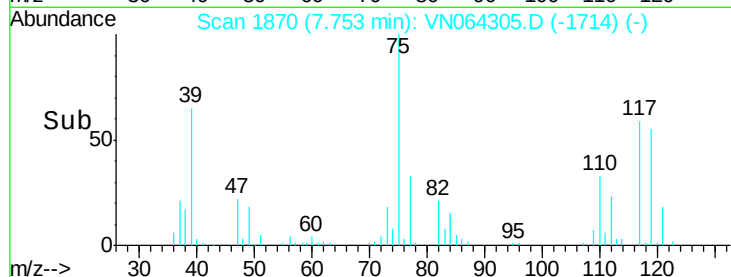
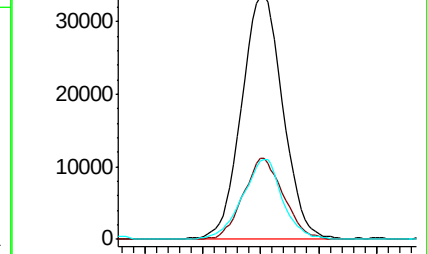
77 31.8 0.0 63.6



Abundance Ion 75.00 (74.70 to 75.70): VN064305.D (-1851) (-)

Ion 110.00 (109.70 to 110.70): VN064305.D (-1851) (-)

Ion 77.00 (76.70 to 77.70): VN064305.D (-1851) (-)



#30

2-Butanone

Concen: 101.598 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

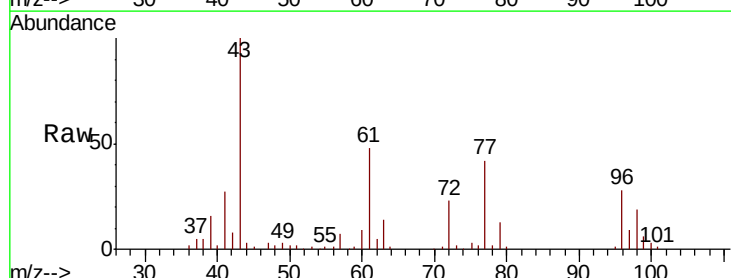
Tgt Ion: 43 Resp: 200387

Ion Ratio Lower Upper

43 100

57 5.1 4.1 6.1

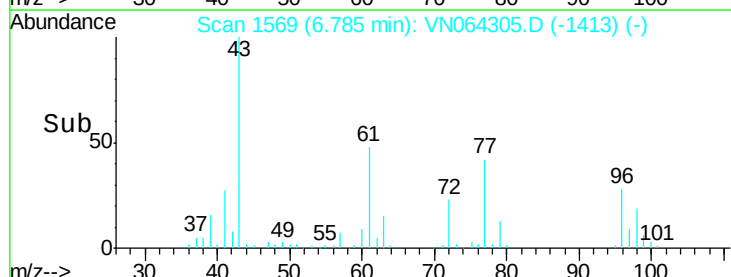
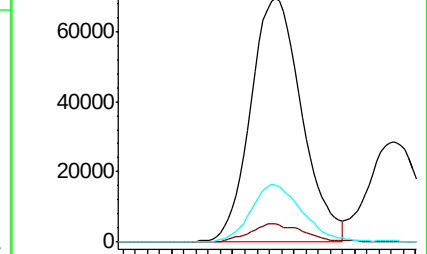
72 23.8 19.0 28.6

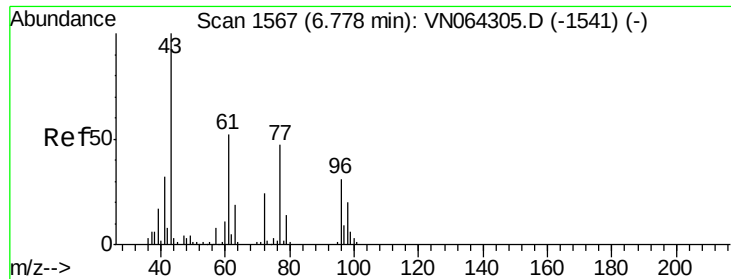


Abundance Ion 43.00 (42.70 to 43.70): VN064305.D (-1548) (-)

Ion 57.00 (56.70 to 57.70): VN064305.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN064305.D (-1548) (-)

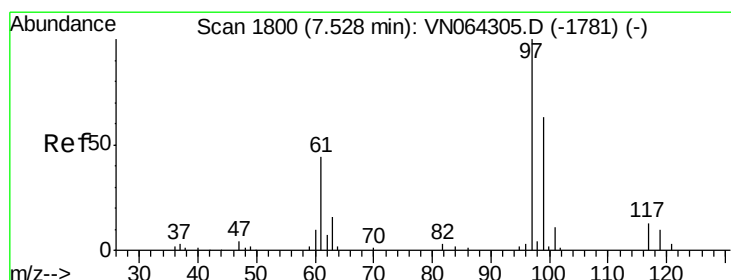
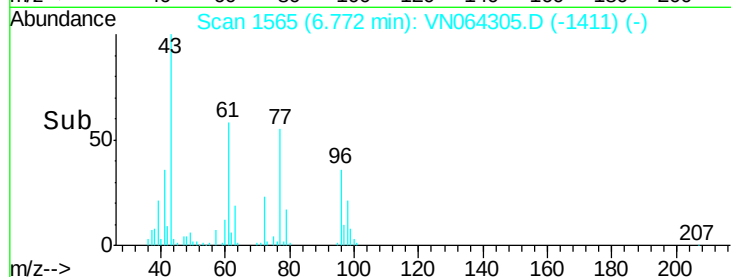
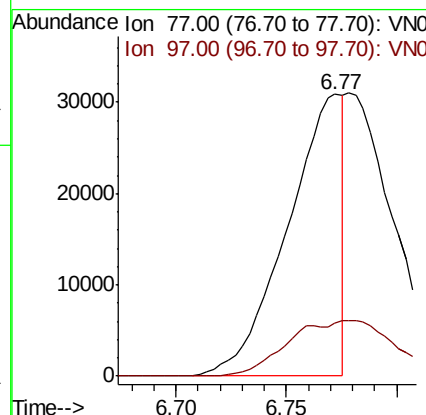
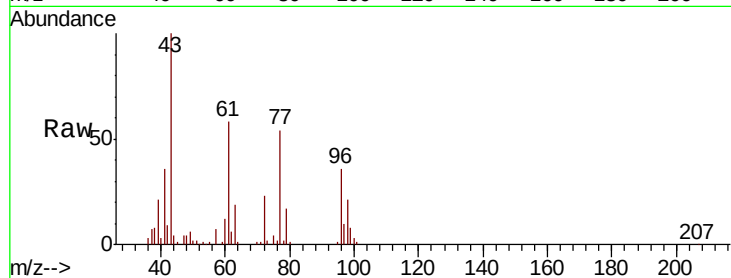




#31
 2,2-Dichloropropane
 Concen: 9.826 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

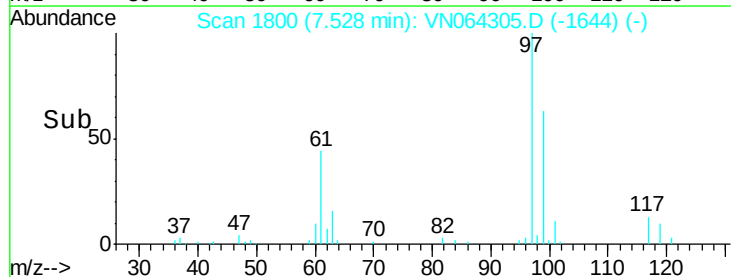
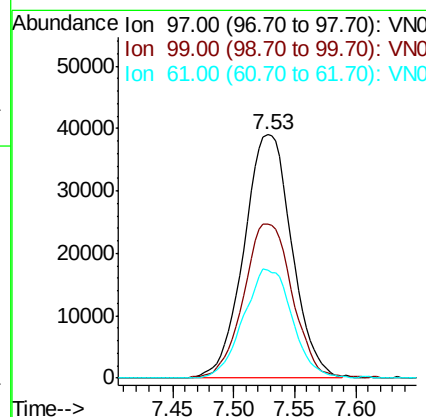
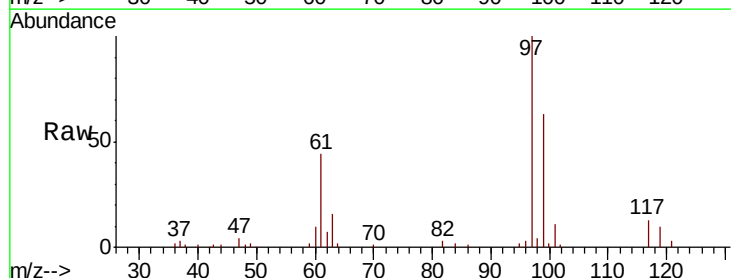
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

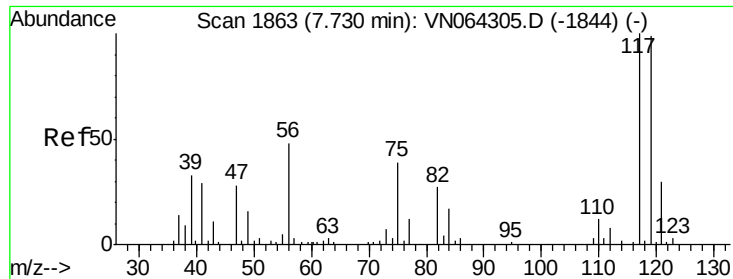
Tot Ion: 77 Resp: 53899
 Ion Ratio Lower Upper
 77 100
 97 13.7 5.8 8.8#



#32
 1,1,1-Trichloroethane
 Concen: 18.791 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 97 Resp: 106039
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.6 77.4
 61 45.5 36.4 54.6

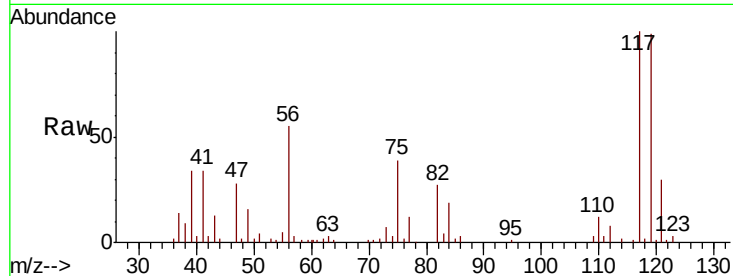




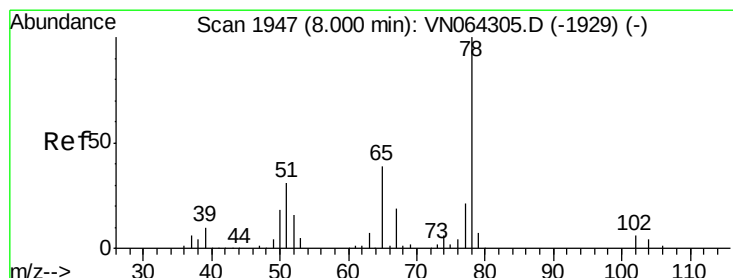
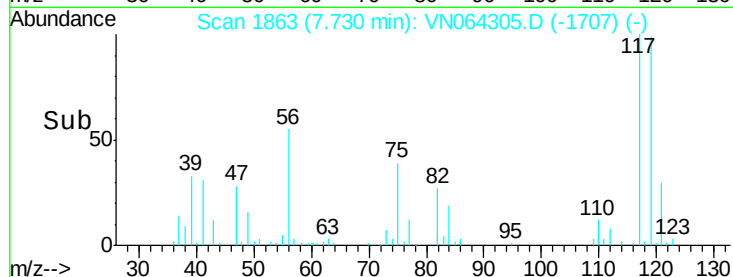
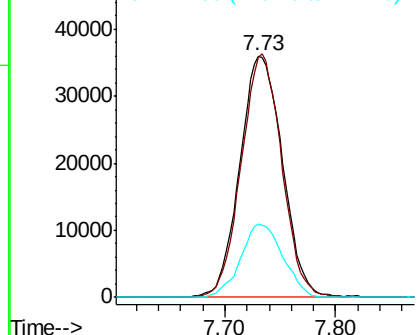
#33
Carbon Tetrachloride
Concen: 19.008 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:117 Resp: 96243
Ion Ratio Lower Upper
117 100
119 99.1 79.3 118.9
121 30.8 24.6 37.0

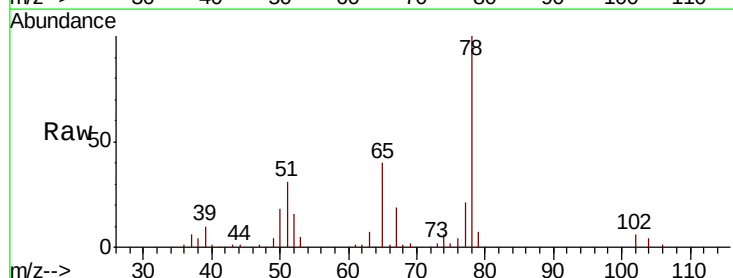


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

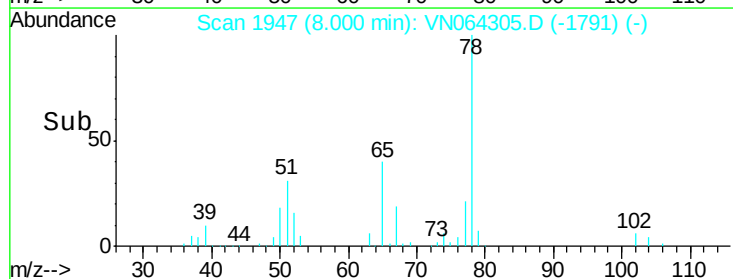
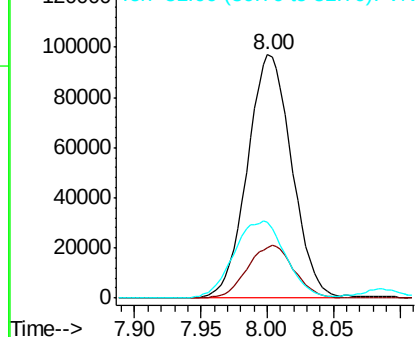


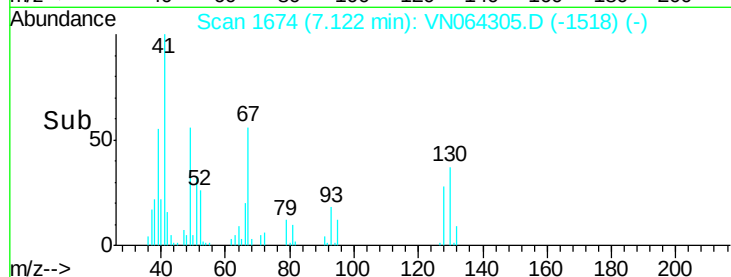
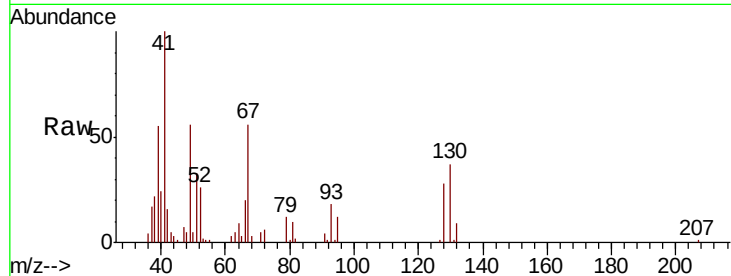
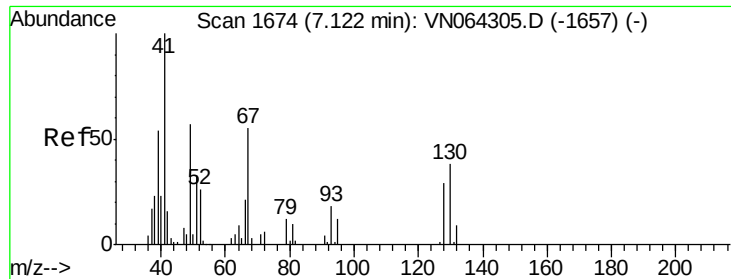
#34
Benzene
Concen: 18.710 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 78 Resp: 225984
Ion Ratio Lower Upper
78 100
77 20.6 16.5 24.7
51 30.6 24.5 36.7



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

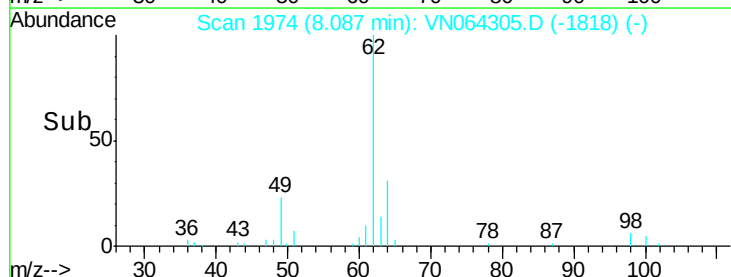
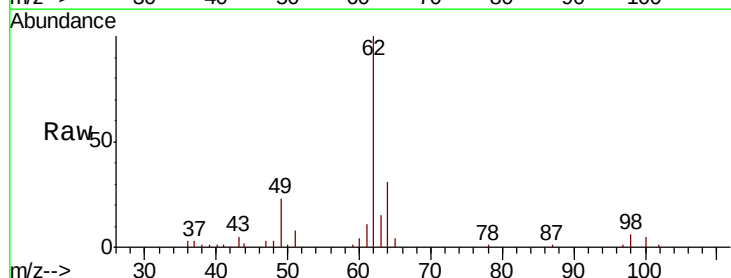
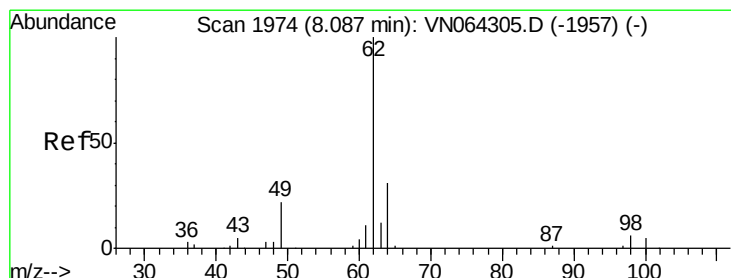
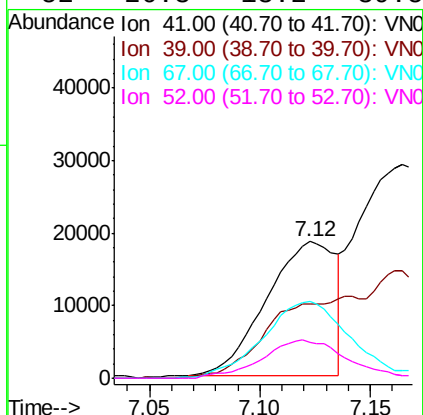




#35
Methacrylonitrile
Concen: 20.275 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

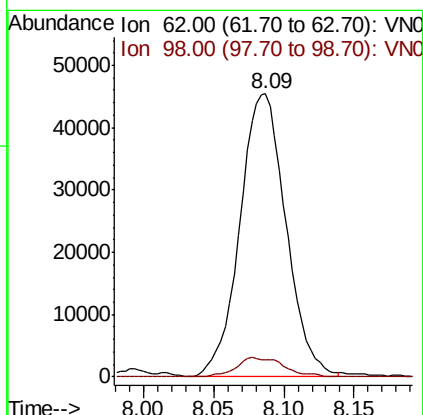
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

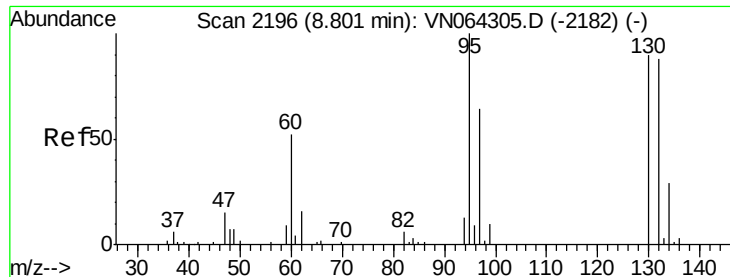
Tot Ion:	41	Resp:	40232
Ion	Ratio	Lower	Upper
41	100		
39	54.1	27.1	81.2
67	55.4	27.7	83.1
52	26.3	13.2	39.5



#36
1,2-Dichloroethane
Concen: 19.888 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion:	62	Resp:	103926
Ion	Ratio	Lower	Upper
62	100		
98	4.2	3.4	5.0

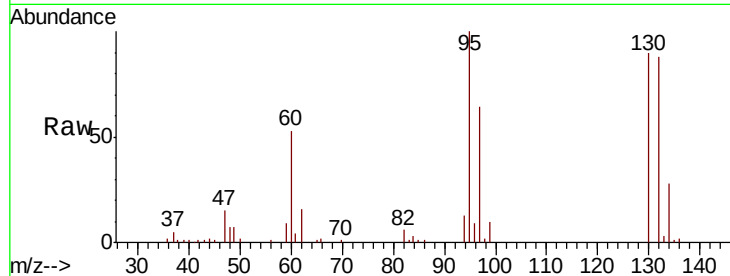




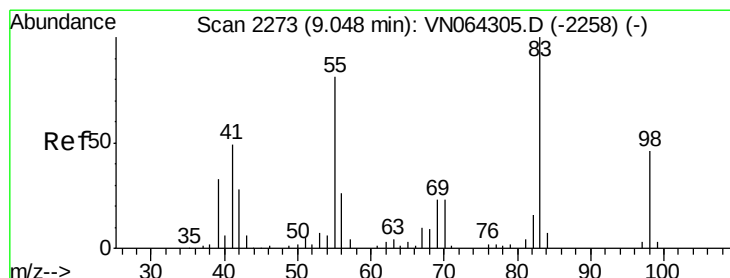
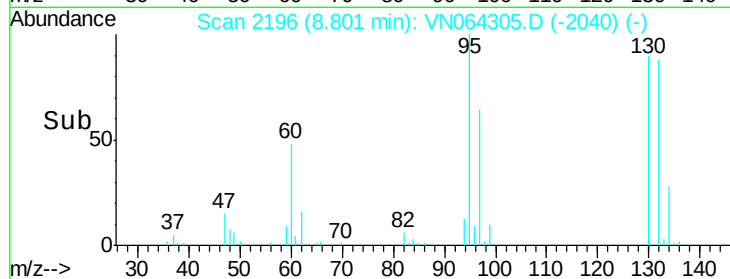
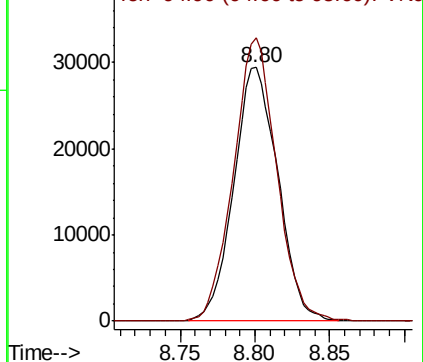
#37
 Trichloroethene
 Concen: 18.374 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 60564
 Ion Ratio Lower Upper
 130 100
 95 111.0 88.8 133.2

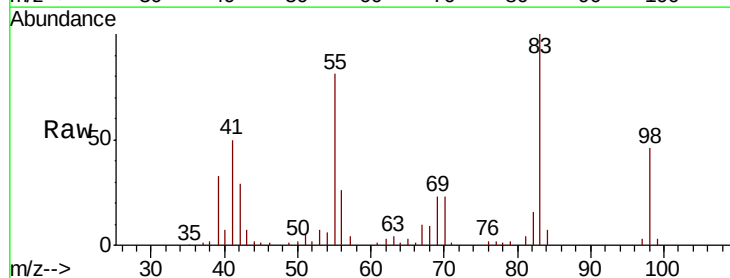


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

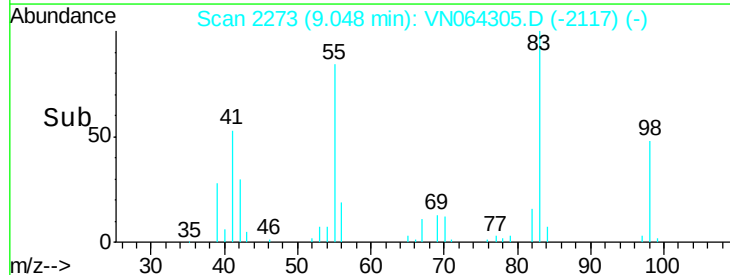
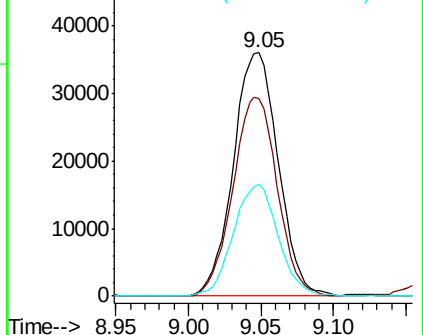


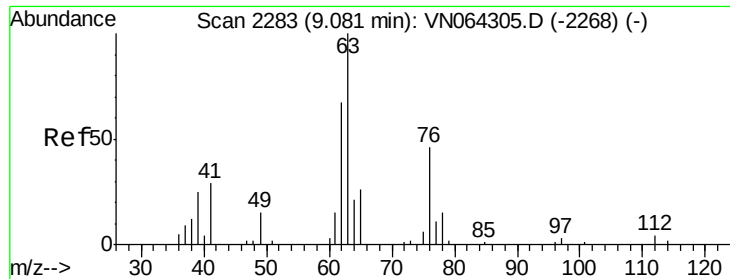
#38
 Methylcyclohexane
 Concen: 19.188 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 83 Resp: 77828
 Ion Ratio Lower Upper
 83 100
 55 80.5 40.3 120.8
 98 45.5 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

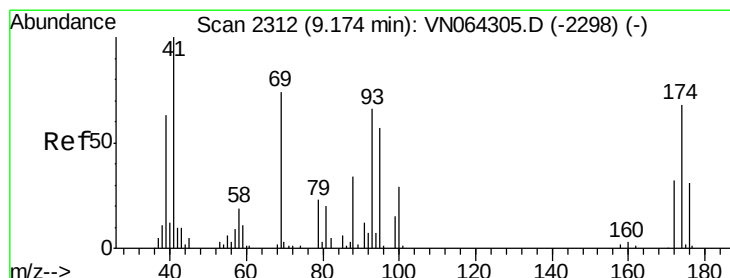
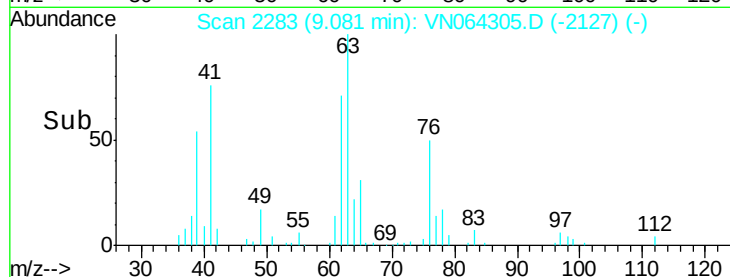
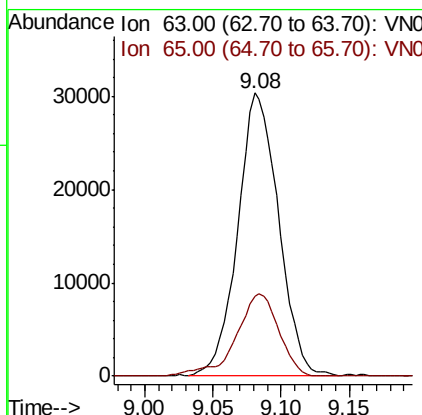
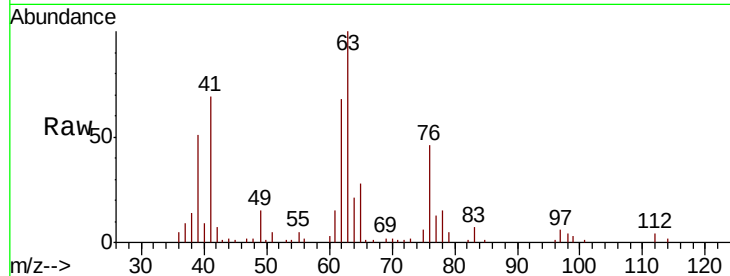




#39
 1,2-Dichloropropane
 Concen: 19.370 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

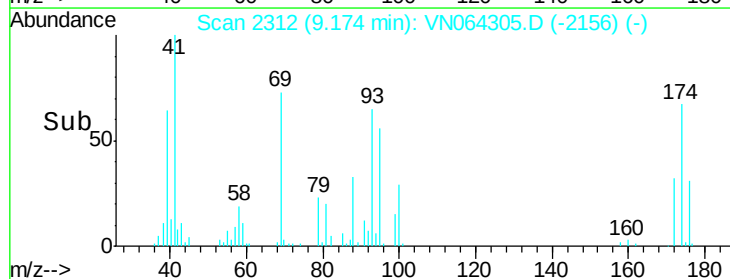
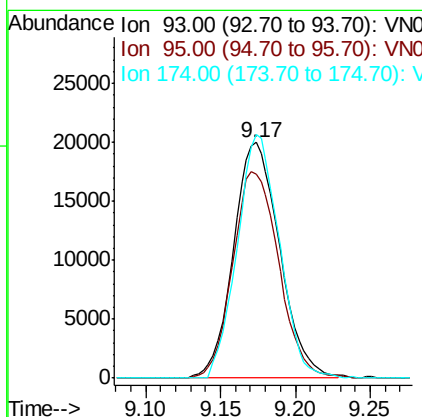
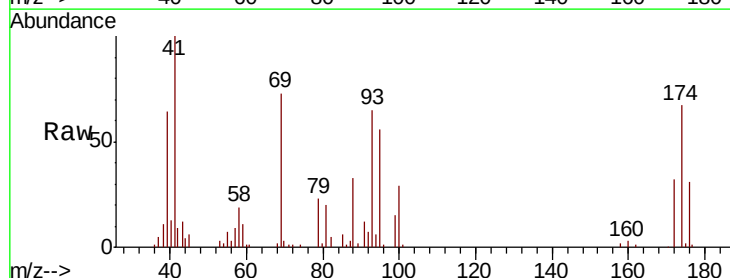
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

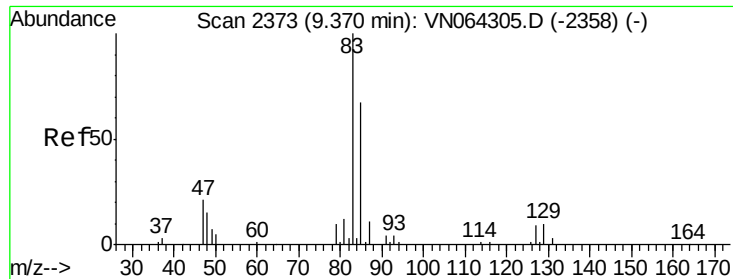
Tot Ion: 63 Resp: 63040
 Ion Ratio Lower Upper
 63 100
 65 28.2 22.6 33.8



#40
 Dibromomethane
 Concen: 19.098 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 93 Resp: 43006
 Ion Ratio Lower Upper
 93 100
 95 87.2 0.0 174.4
 174 94.0 0.0 188.0





#41

Bromodichloromethane

Concen: 18.923 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

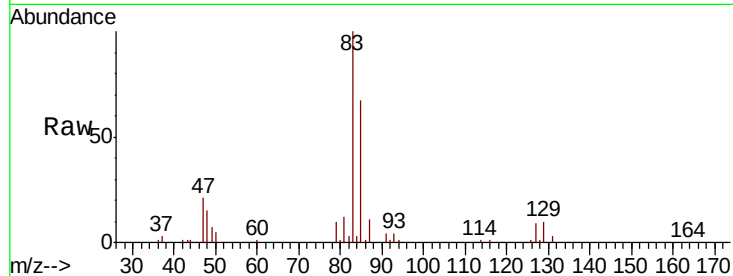
Tot Ion: 83 Resp: 92262

Ion Ratio Lower Upper

83 100

85 66.7 53.4 80.0

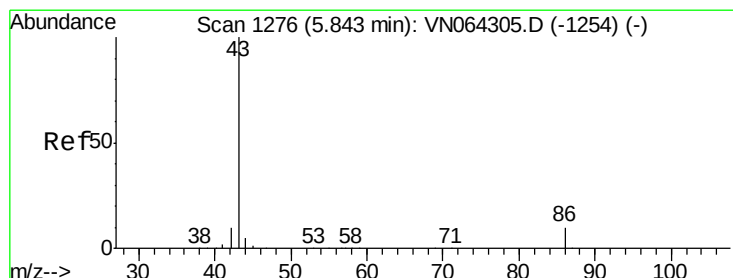
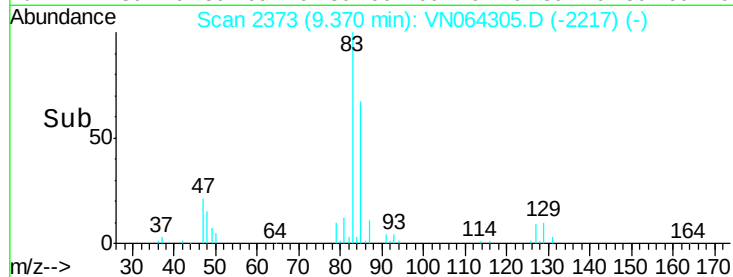
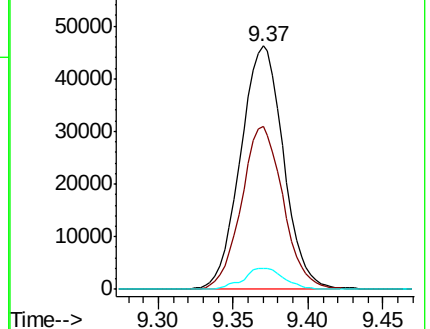
127 8.7 7.0 10.4



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: 99.022 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064305.D

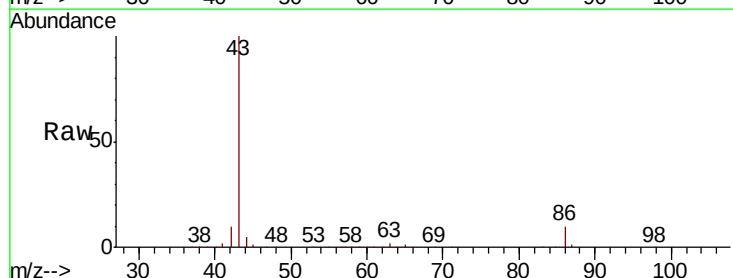
Acq: 26 Oct 2020 16:18

Tgt Ion: 43 Resp: 859060

Ion Ratio Lower Upper

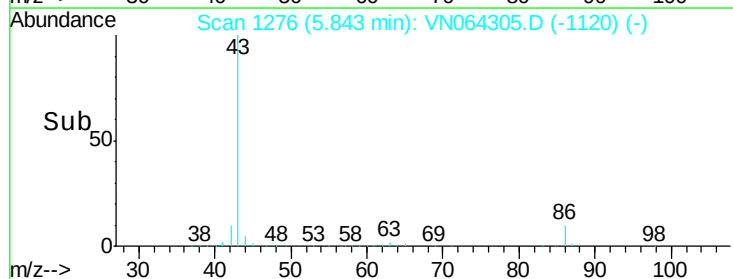
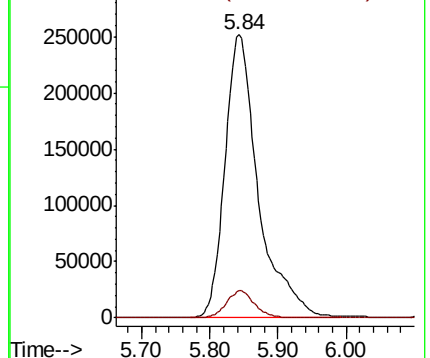
43 100

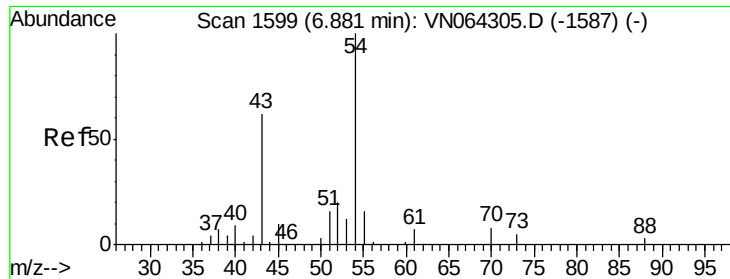
86 8.2 6.6 9.8



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: 19.612 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

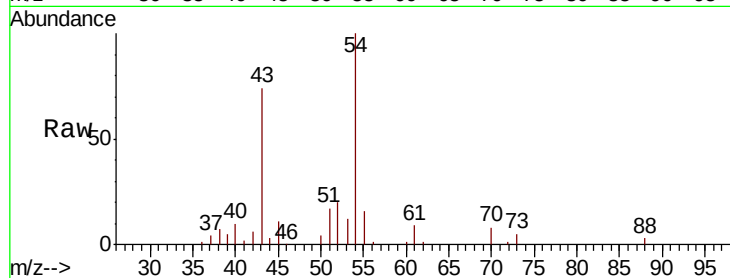
VSTDICCC020

Tot Ion: 43 Resp: 81909

Ion Ratio Lower Upper

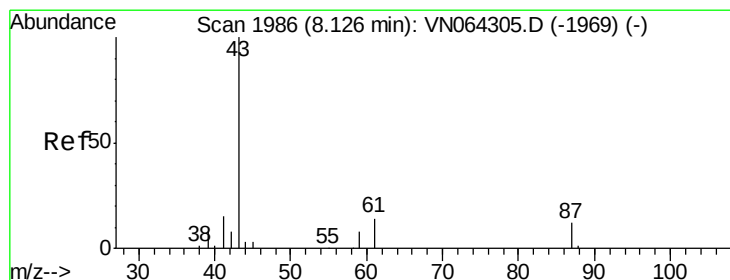
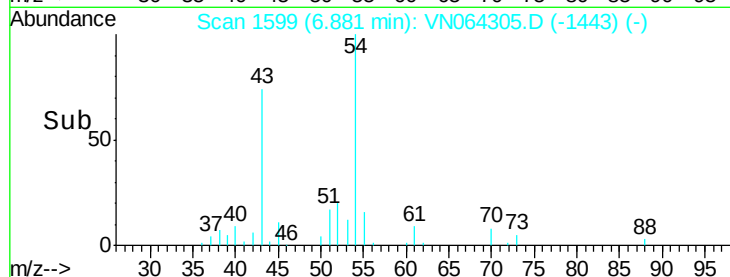
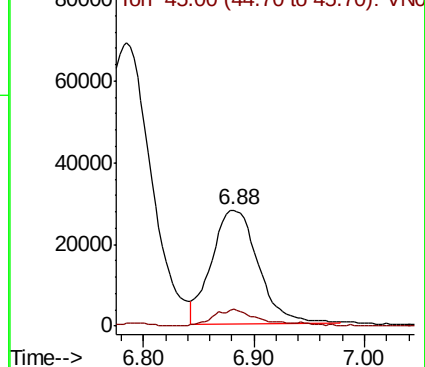
43 100

45 5.0 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: 20.185 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064305.D

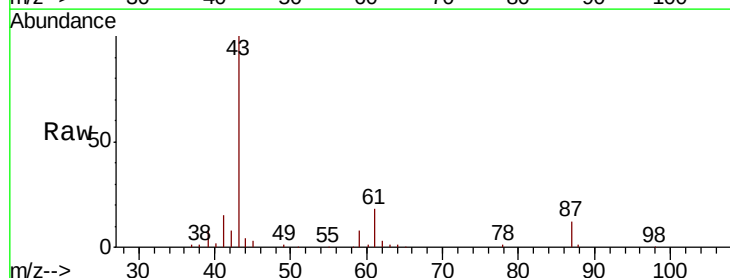
Acq: 26 Oct 2020 16:18

Tgt Ion: 43 Resp: 150645

Ion Ratio Lower Upper

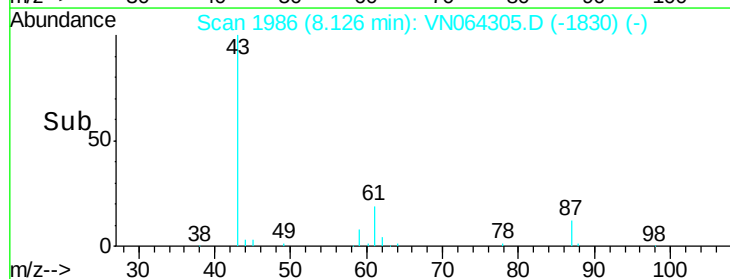
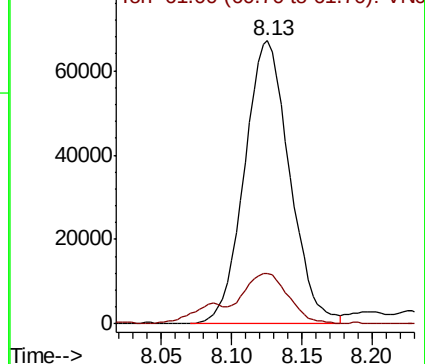
43 100

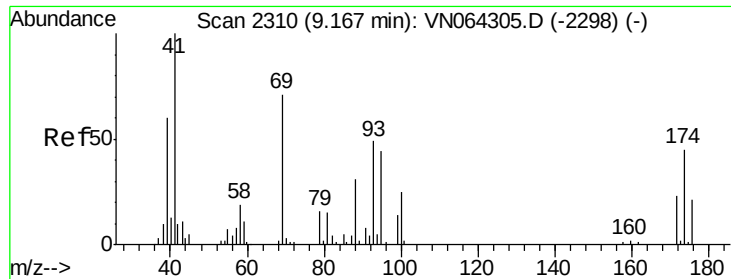
61 17.9 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 478.970 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

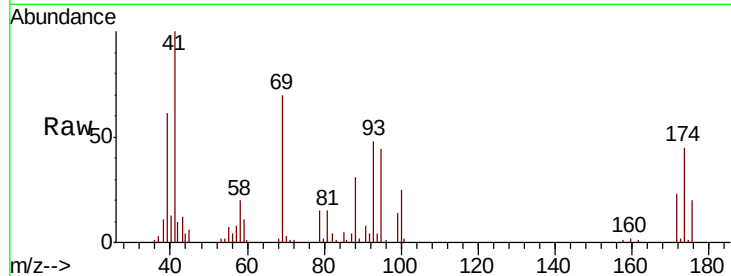
Tot Ion: 88 Resp: 23045

Ion Ratio Lower Upper

88 100

43 39.0 31.2 46.8

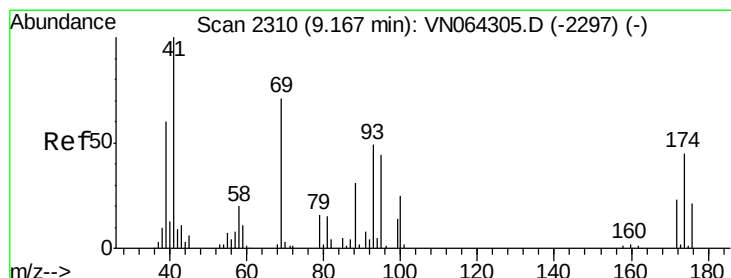
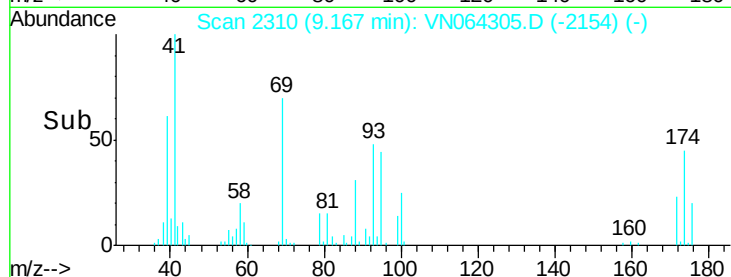
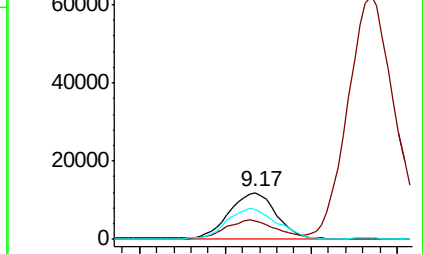
58 69.3 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VN064305.D (-2298) (-)

Ion 43.00 (42.70 to 43.70): VN064305.D (-2298) (-)

Ion 58.00 (57.70 to 58.70): VN064305.D (-2298) (-)



#46

Methyl methacrylate

Concen: 20.452 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

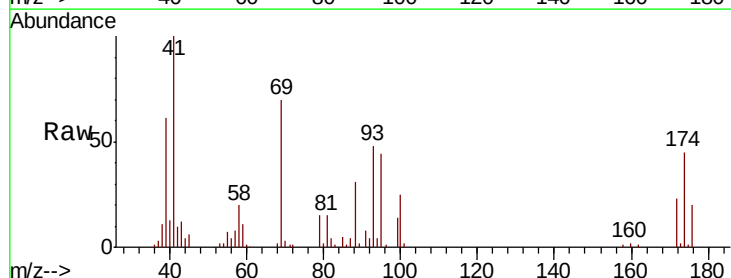
Tgt Ion: 41 Resp: 74195

Ion Ratio Lower Upper

41 100

69 70.6 35.3 105.9

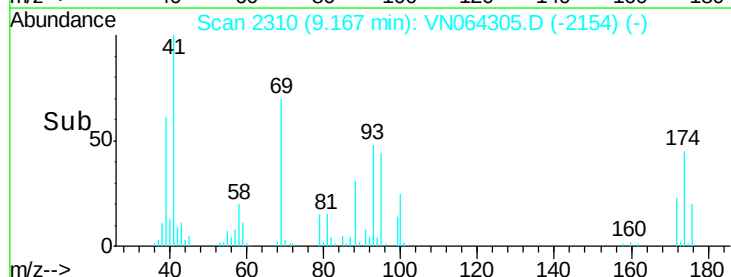
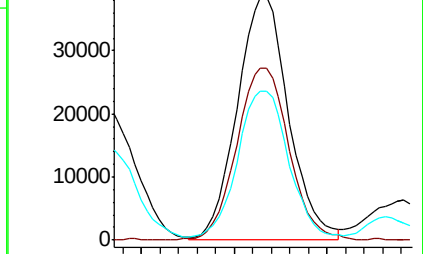
39 60.4 30.2 90.6

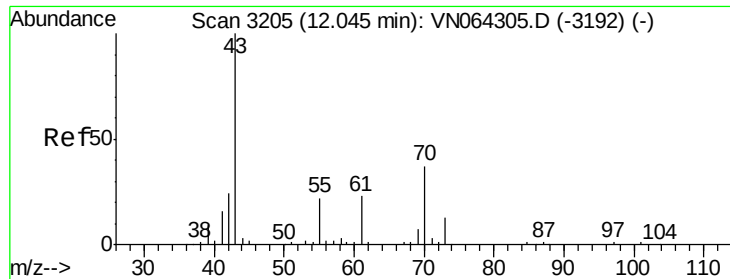


Abundance Ion 41.00 (40.70 to 41.70): VN064305.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064305.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064305.D (-2297) (-)

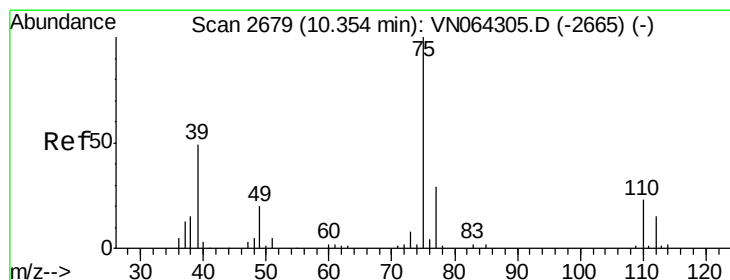
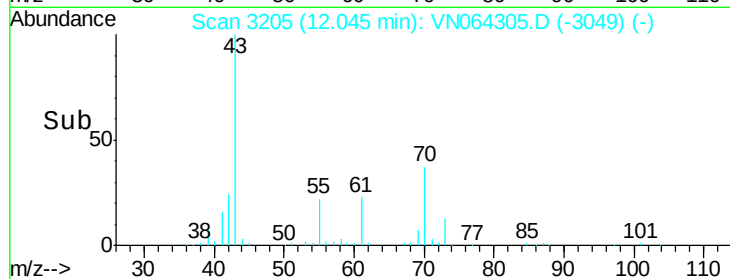
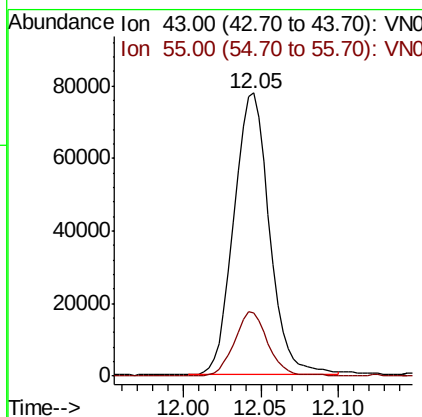
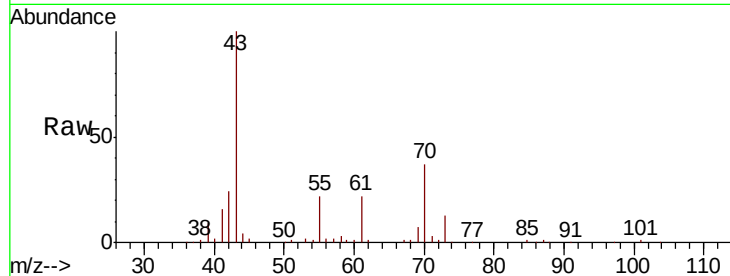




#47
n-amyl Acetate
Concen: 19.256 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

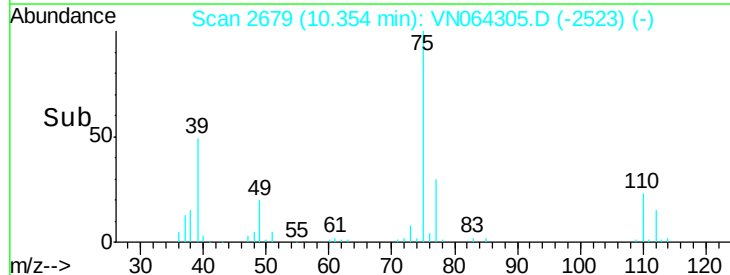
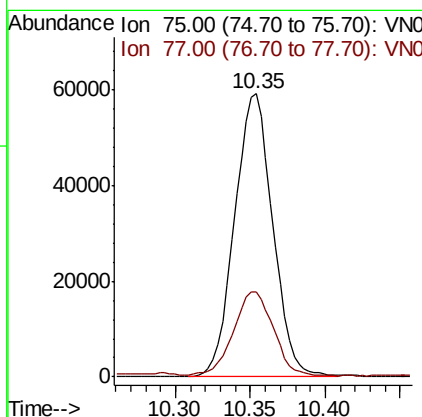
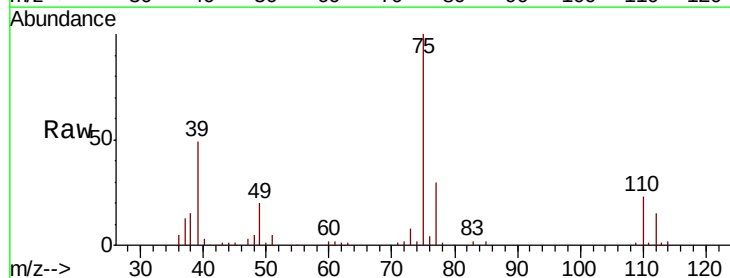
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

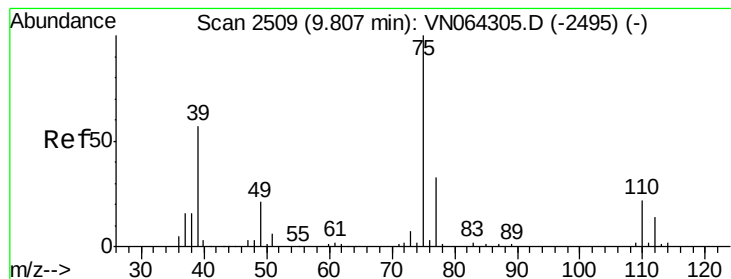
Tot Ion: 43 Resp: 124464
Ion Ratio Lower Upper
43 100
55 21.6 17.3 25.9



#48
t-1,3-Dichloropropene
Concen: 19.192 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 75 Resp: 105156
Ion Ratio Lower Upper
75 100
77 29.6 23.7 35.5



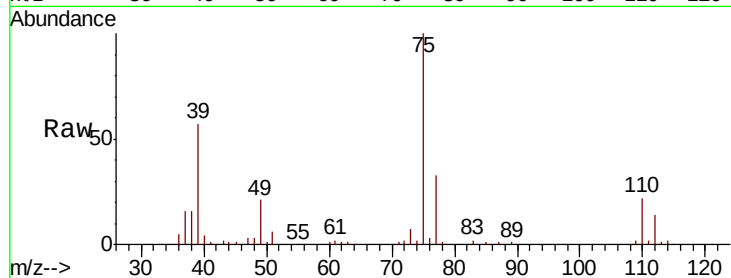


#49

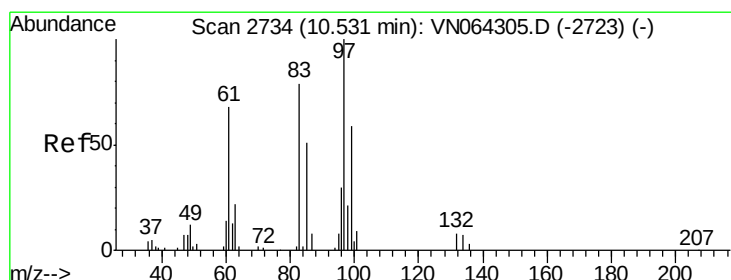
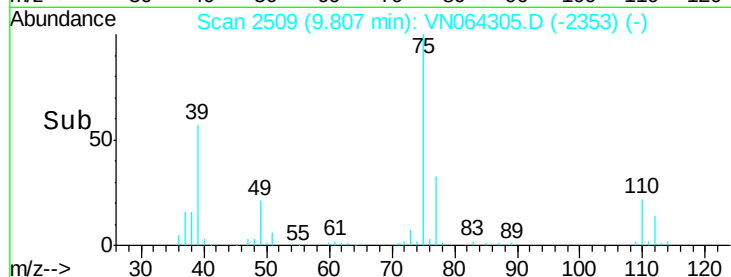
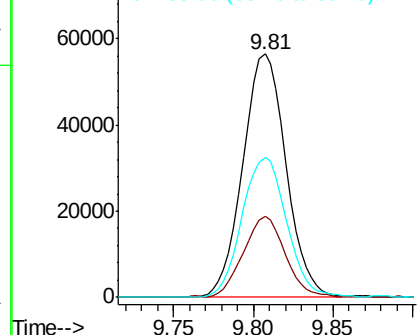
cis-1,3-Dichloropropene
Concen: 18.373 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 75 Resp: 104109
Ion Ratio Lower Upper
75 100
77 33.4 26.7 40.1
39 57.4 45.9 68.9



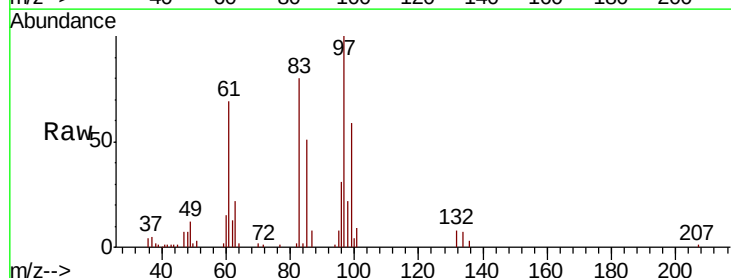
Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



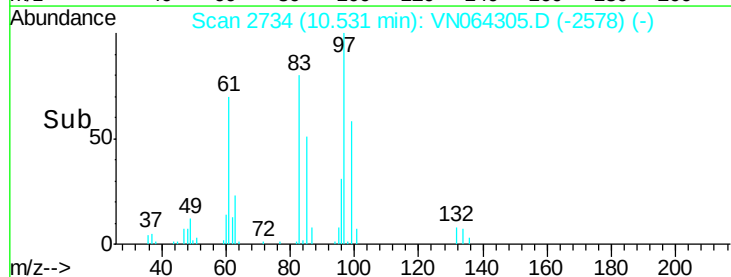
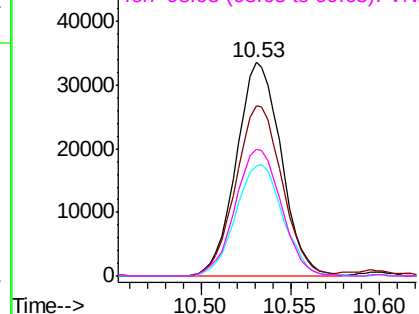
#50

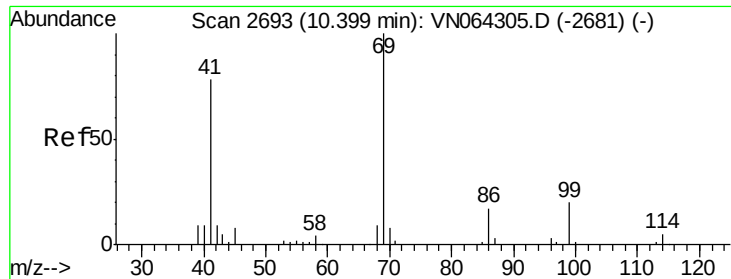
1,1,2-Trichloroethane
Concen: 19.562 ug/l
RT: 10.53 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 97 Resp: 58884
Ion Ratio Lower Upper
97 100
83 79.0 63.2 94.8
85 51.3 41.0 61.6
99 59.2 47.4 71.0



Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 19.120 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

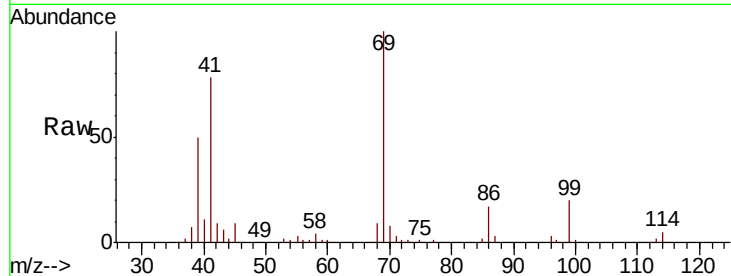
Tot Ion: 69 Resp: 88589

Ion Ratio Lower Upper

69 100

41 77.6 38.8 116.4

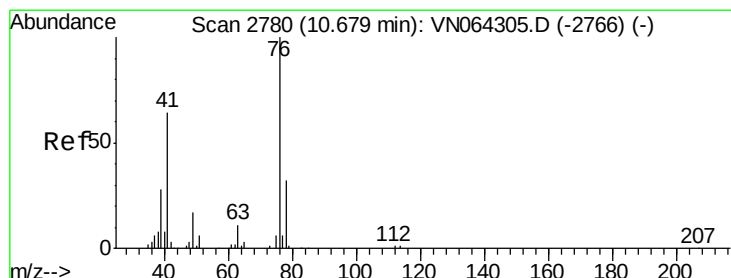
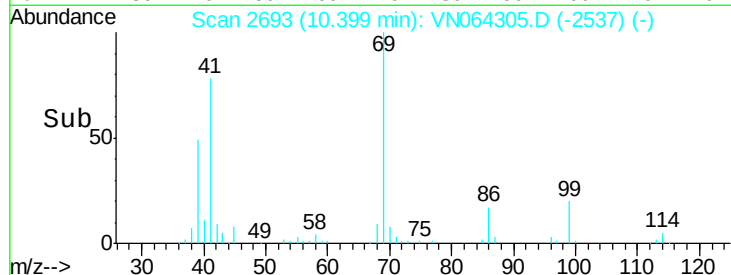
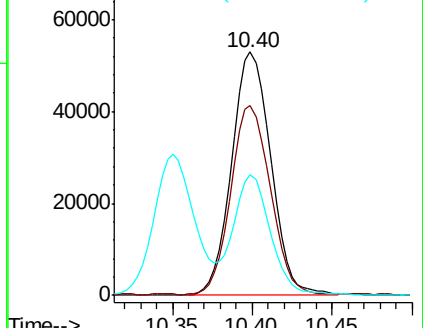
39 49.3 24.6 74.0



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: 19.377 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064305.D

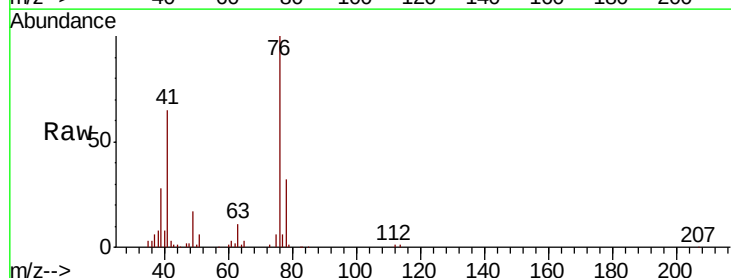
Acq: 26 Oct 2020 16:18

Tgt Ion: 76 Resp: 102482

Ion Ratio Lower Upper

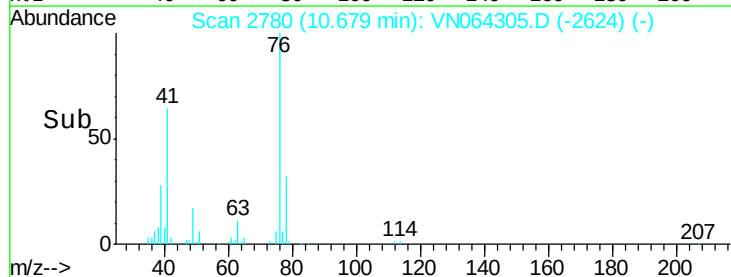
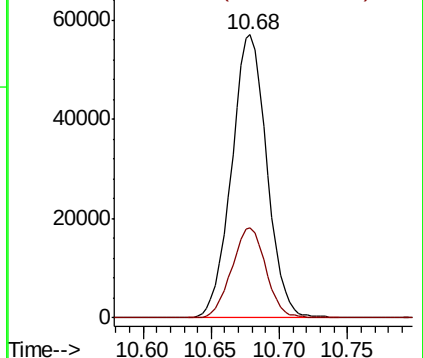
76 100

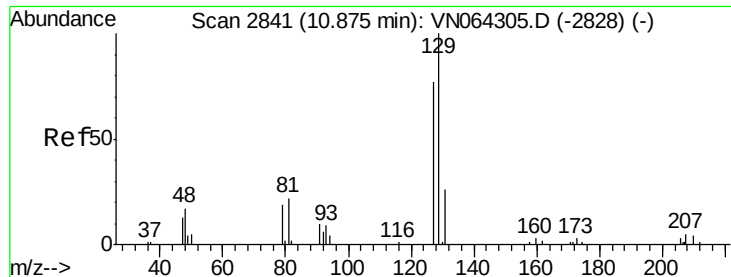
78 30.8 0.0 61.6



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: 18.773 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

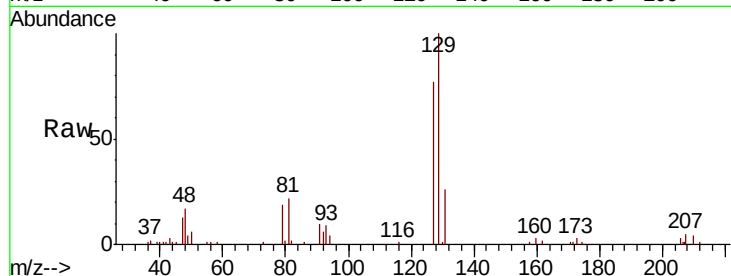
VSTDICCC020

Tot Ion:129 Resp: 70027

Ion Ratio Lower Upper

129 100

127 77.8 38.9 116.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

40000

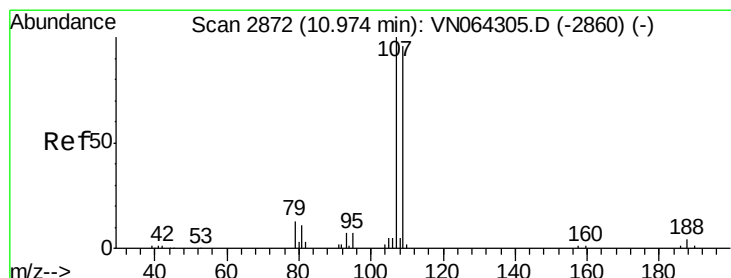
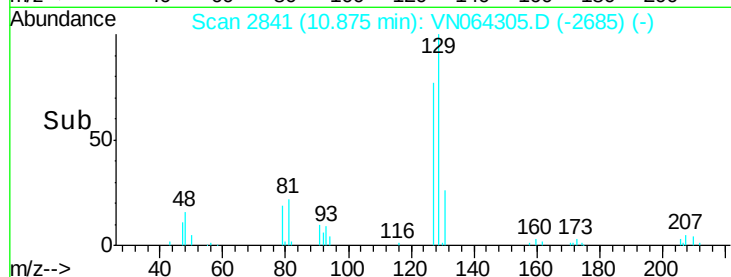
30000

20000

10000

0

Time--> 10.80 10.85 10.90 10.95



#54

1,2-Dibromoethane

Concen: 19.399 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN064305.D

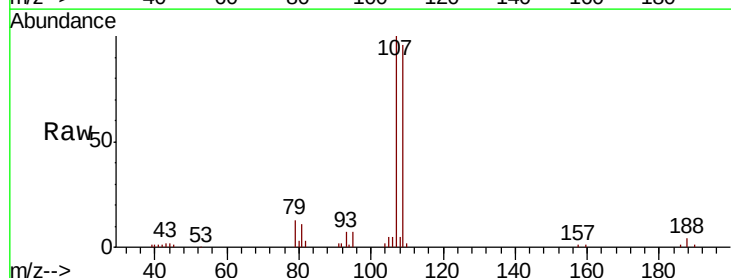
Acq: 26 Oct 2020 16:18

Tgt Ion:107 Resp: 62437

Ion Ratio Lower Upper

107 100

109 93.5 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.97

40000

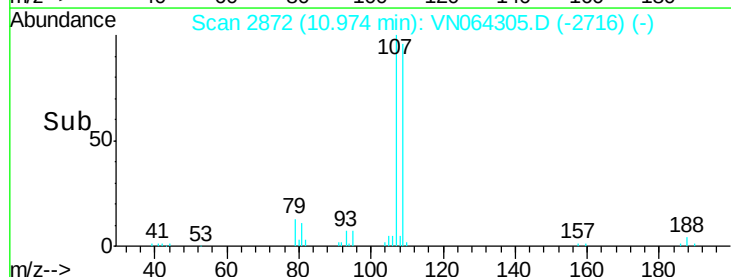
30000

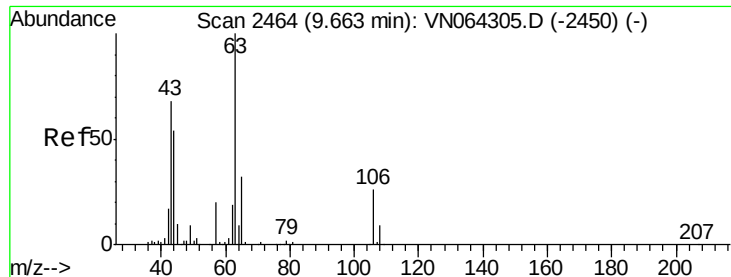
20000

10000

0

Time--> 10.90 10.95 11.00 11.05





#55

2-Chloroethyl vinyl ether

Concen: 92.790 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

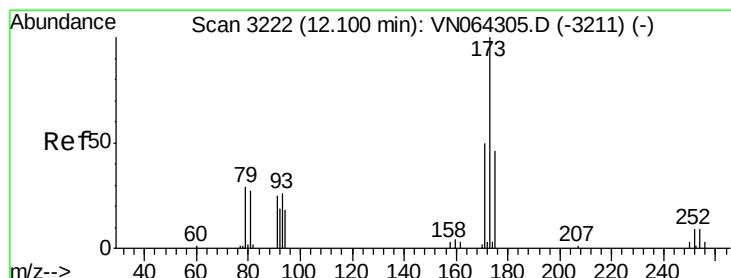
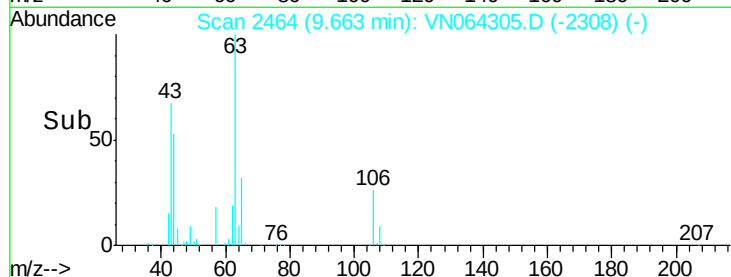
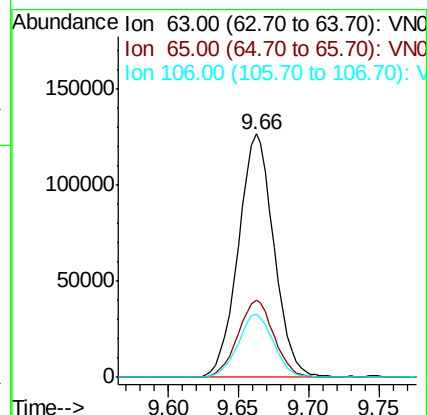
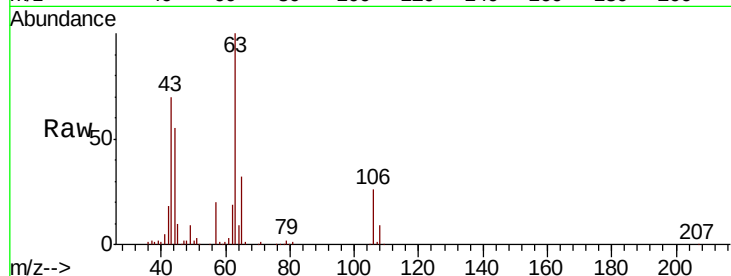
Tot Ion: 63 Resp: 223817

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4

106 25.9 20.7 31.1



#56

Bromoform

Concen: 18.986 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

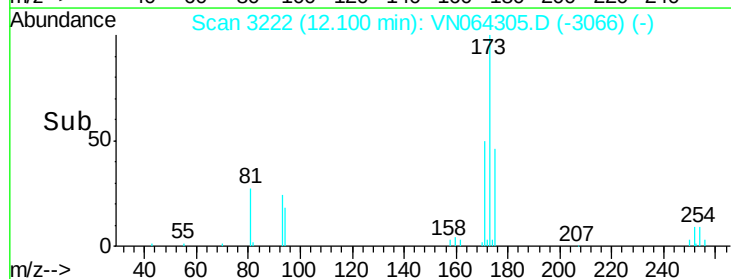
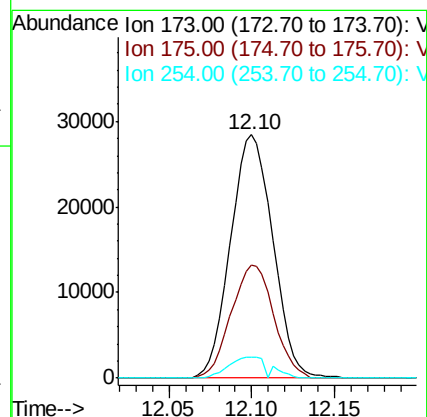
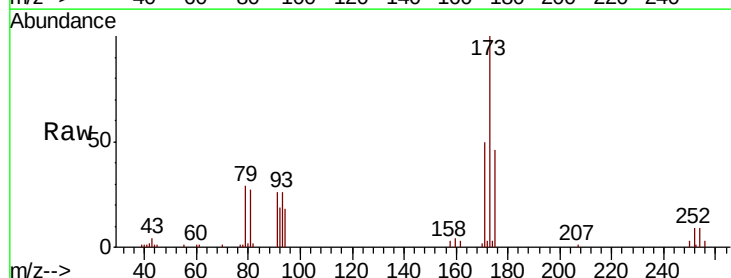
Tgt Ion: 173 Resp: 50591

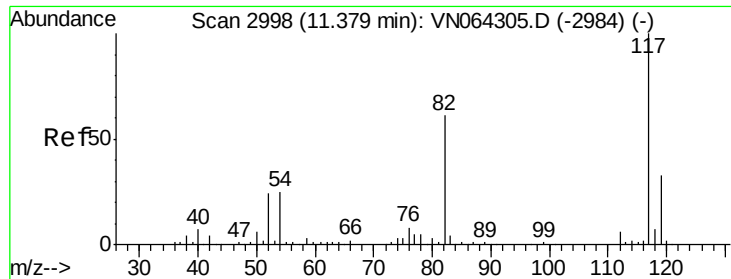
Ion Ratio Lower Upper

173 100

175 46.6 37.3 55.9

254 6.0 4.8 7.2

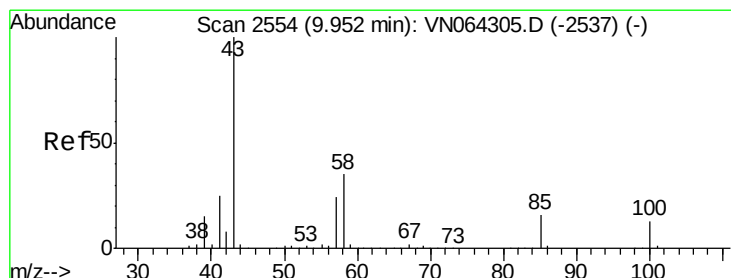
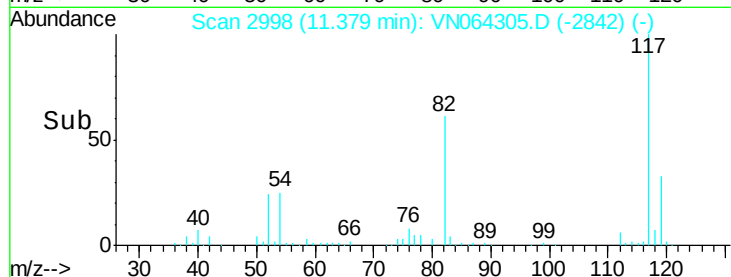
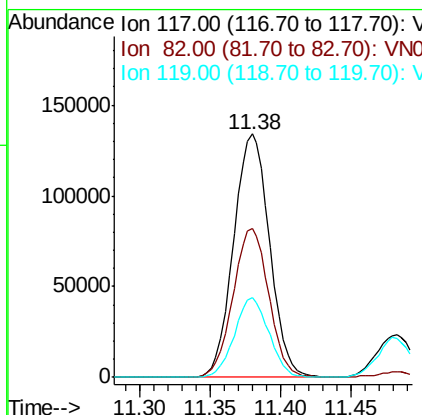
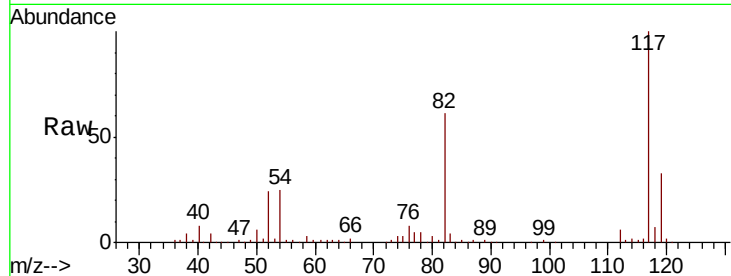




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

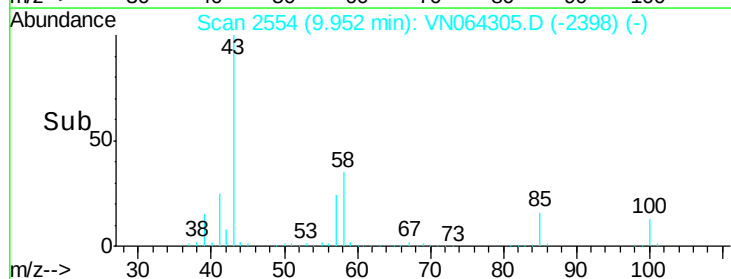
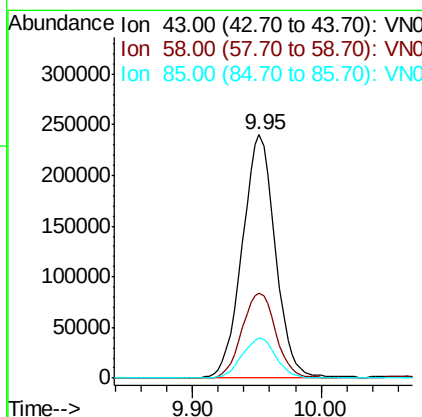
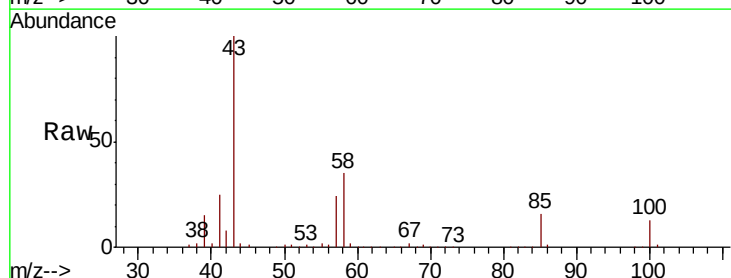
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

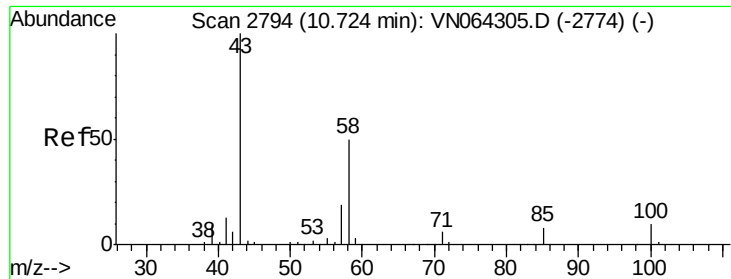
Tot Ion:117 Resp: 239750
Ion Ratio Lower Upper
117 100
82 60.9 48.7 73.1
119 31.4 25.1 37.7



#58
4-Methyl-2-Pentanone
Concen: 103.235 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 43 Resp: 426603
Ion Ratio Lower Upper
43 100
58 35.9 28.7 43.1
85 16.8 13.4 20.2

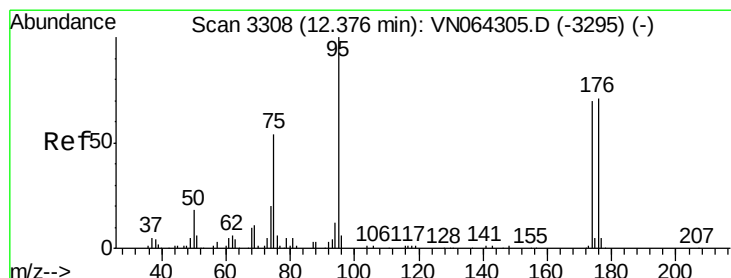
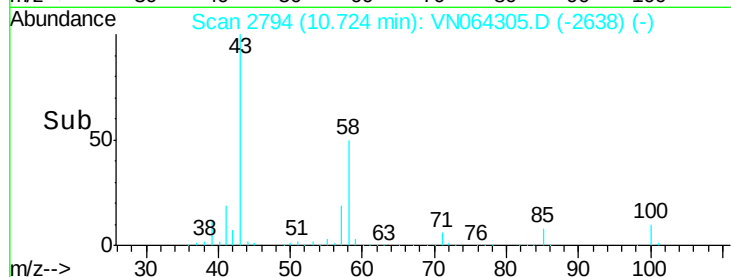
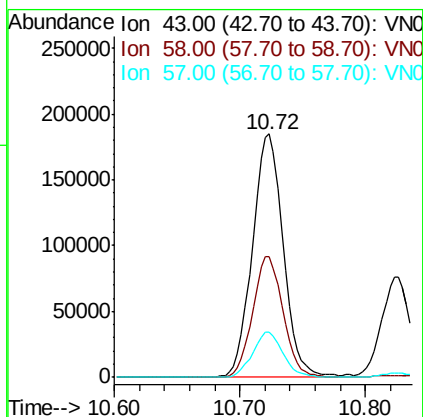
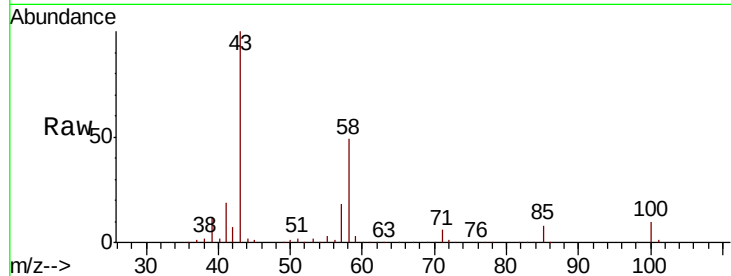




#59
2-Hexanone
Concen: 101.220 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

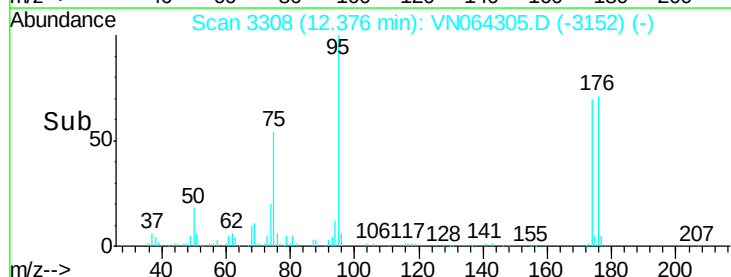
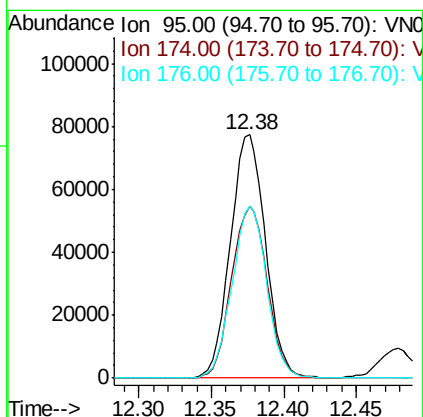
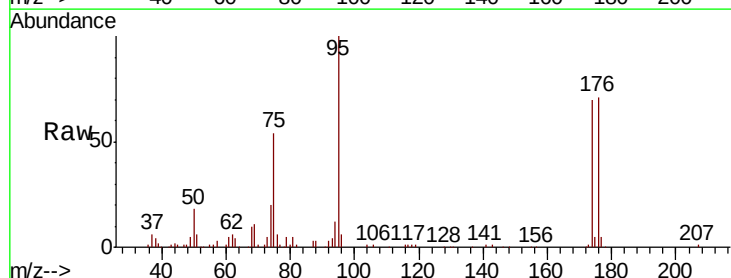
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

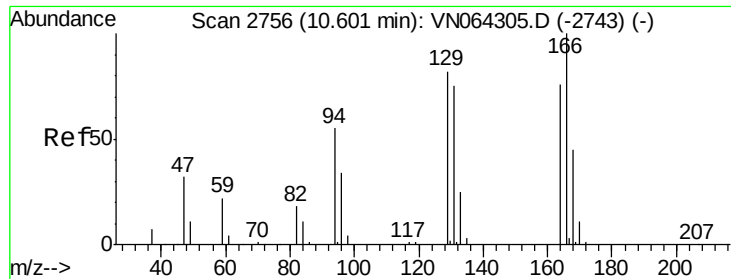
Tot Ion: 43 Resp: 314845
Ion Ratio Lower Upper
43 100
58 49.3 39.4 59.2
57 18.5 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 30.559 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 95 Resp: 130374
Ion Ratio Lower Upper
95 100
174 72.0 57.6 86.4
176 69.4 55.5 83.3

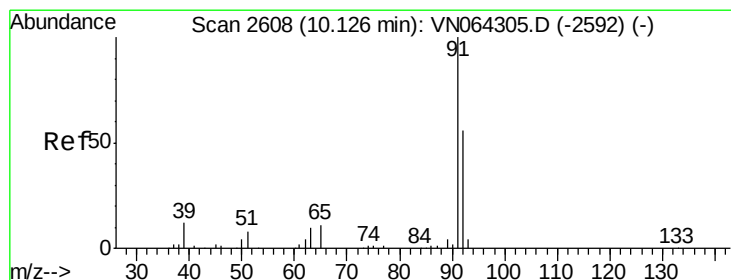
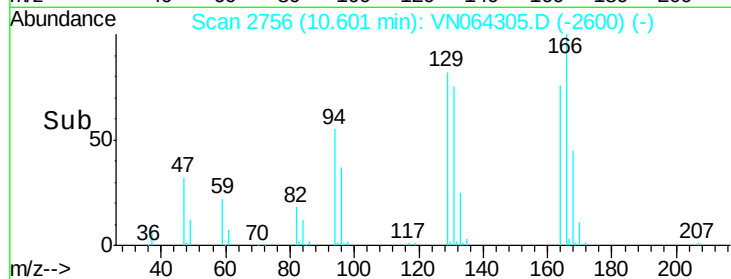
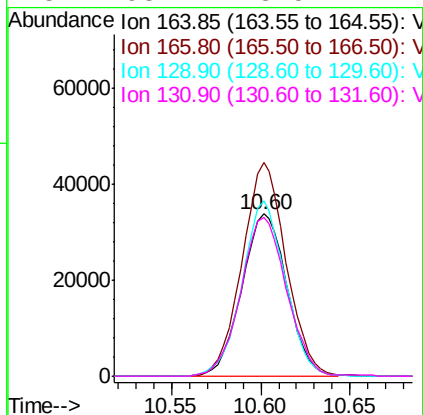
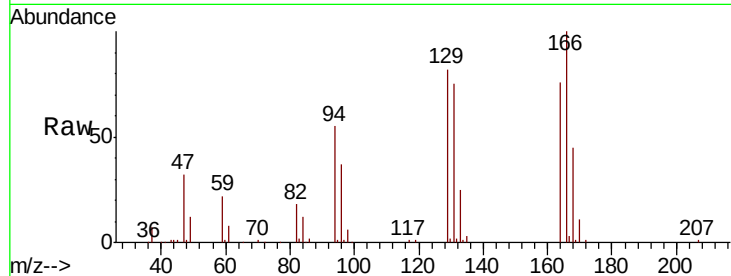




#61
Tetrachloroethene
Concen: 18.381 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

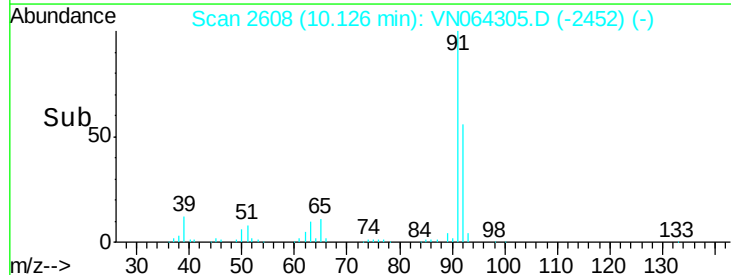
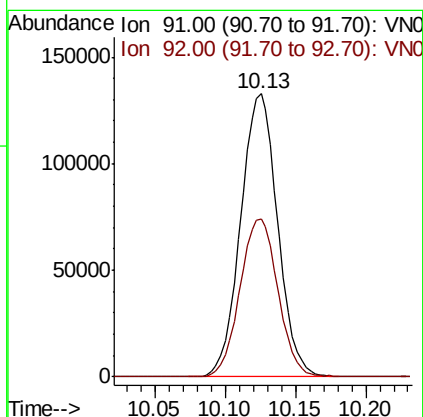
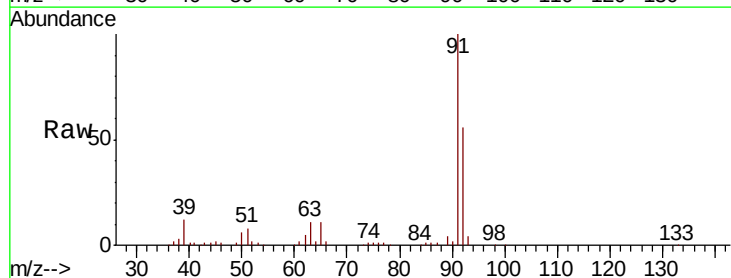
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

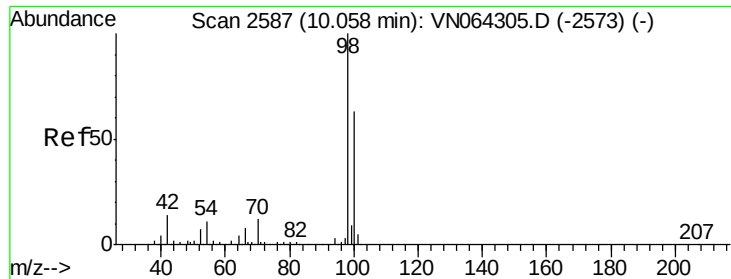
Tot Ion:164 Resp: 59726
Ion Ratio Lower Upper
164 100
166 131.7 105.4 158.0
129 108.0 86.4 129.6
131 98.1 78.5 117.7



#62
Toluene
Concen: 18.187 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 91 Resp: 243833
Ion Ratio Lower Upper
91 100
92 57.2 45.8 68.6





#63

Toluene-d8

Concen: 30.165 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

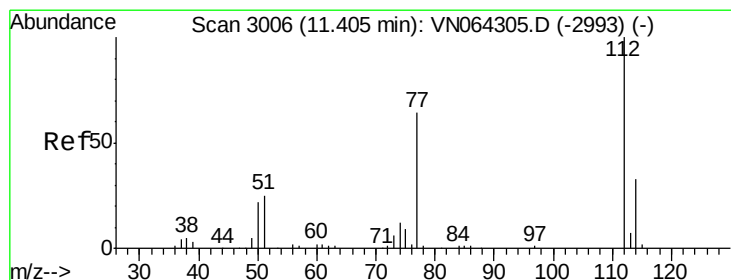
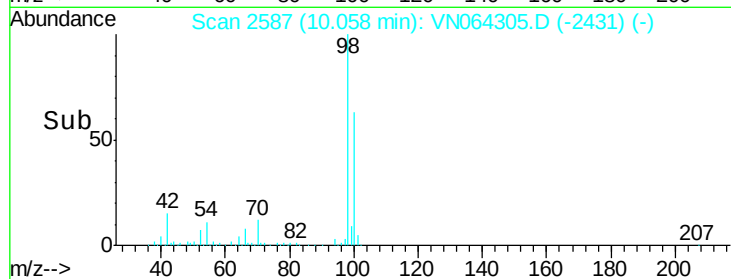
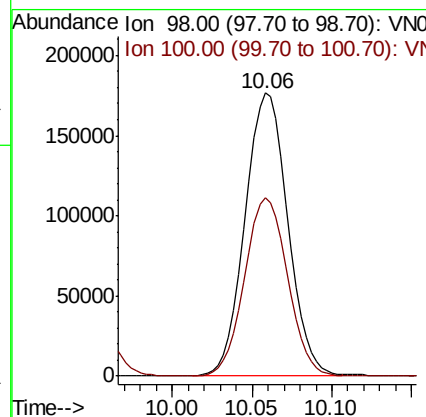
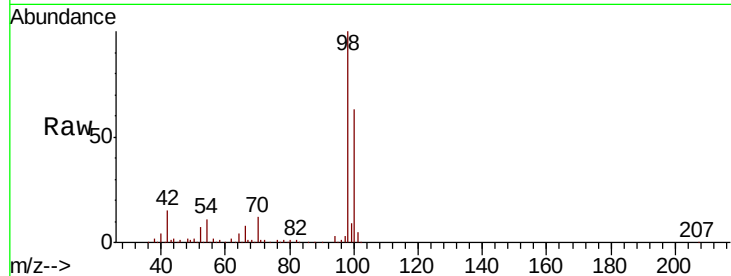
VSTDICCC020

Tot Ion: 98 Resp: 322719

Ion Ratio Lower Upper

98 100

100 63.2 50.6 75.8



#64

Chlorobenzene

Concen: 18.215 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064305.D

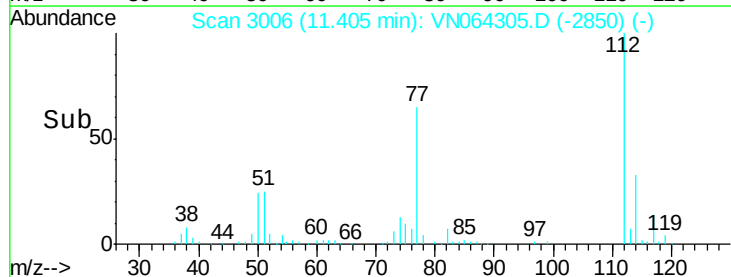
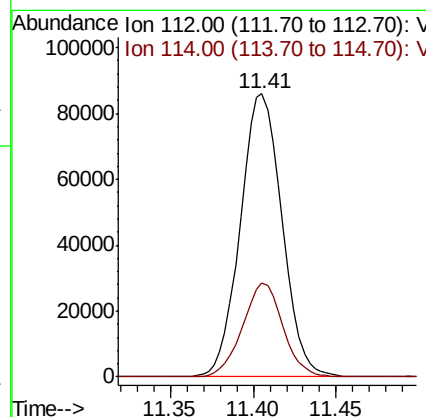
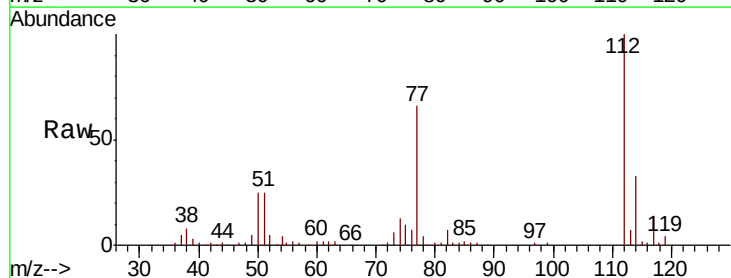
Acq: 26 Oct 2020 16:18

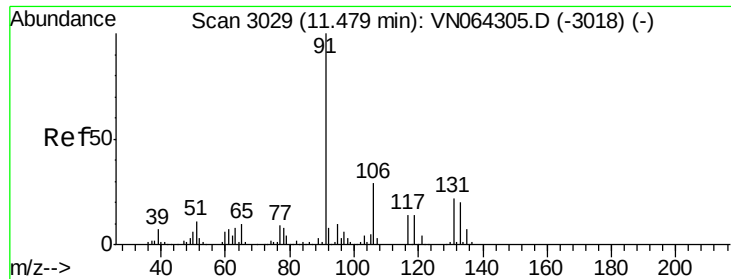
Tgt Ion: 112 Resp: 150763

Ion Ratio Lower Upper

112 100

114 33.4 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 18.253 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

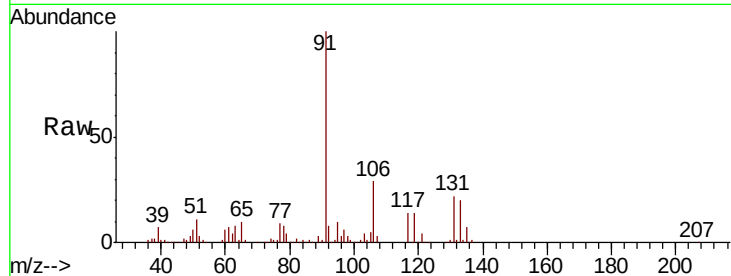
Tot Ion:131 Resp: 60647

Ion Ratio Lower Upper

131 100

133 91.5 0.0 183.0

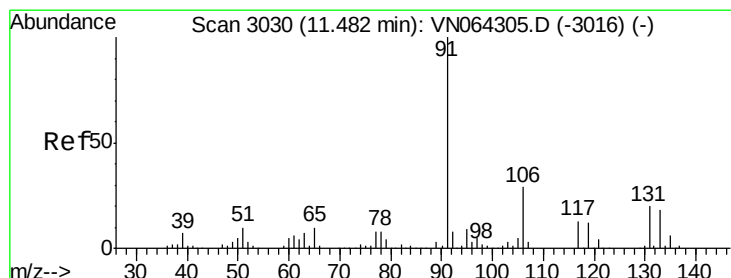
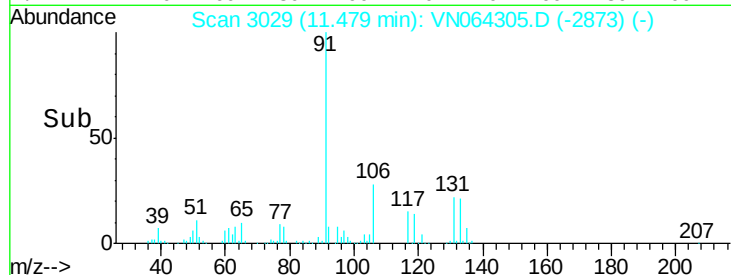
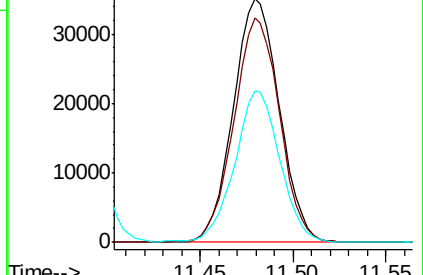
119 60.8 0.0 121.6



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: 18.330 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064305.D

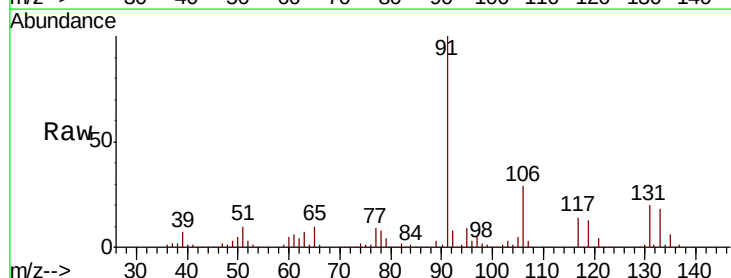
Acq: 26 Oct 2020 16:18

Tgt Ion: 91 Resp: 282915

Ion Ratio Lower Upper

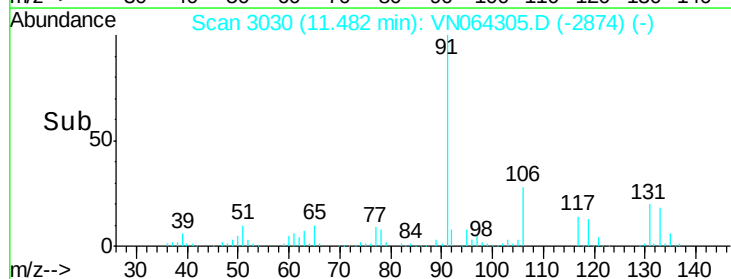
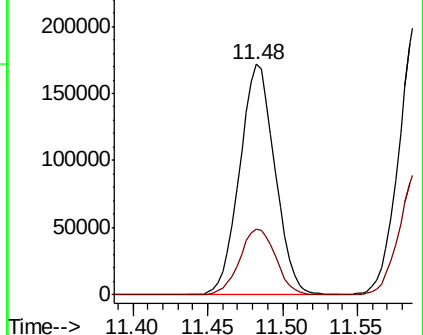
91 100

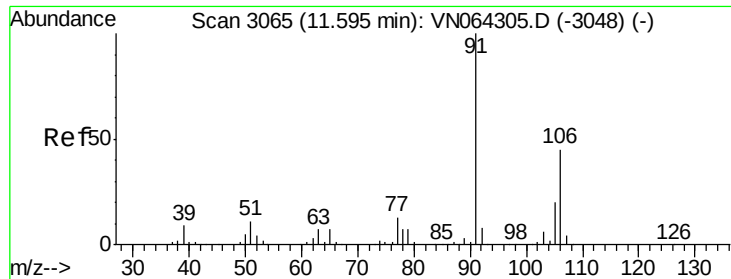
106 28.5 22.8 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

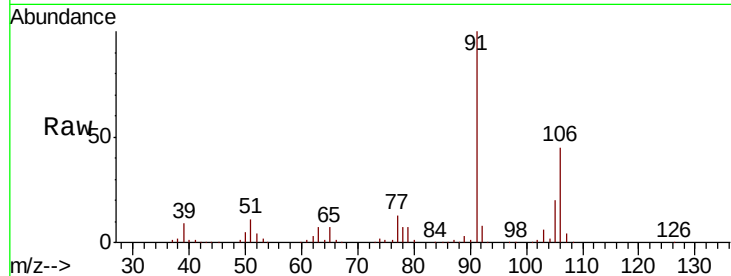




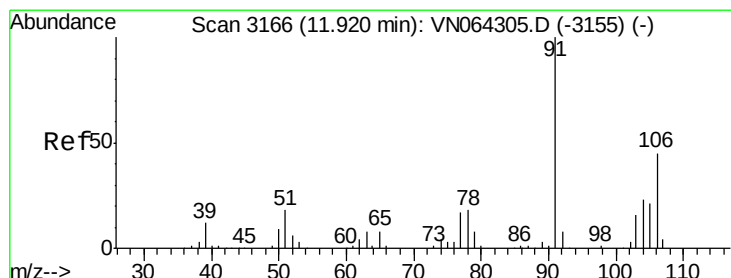
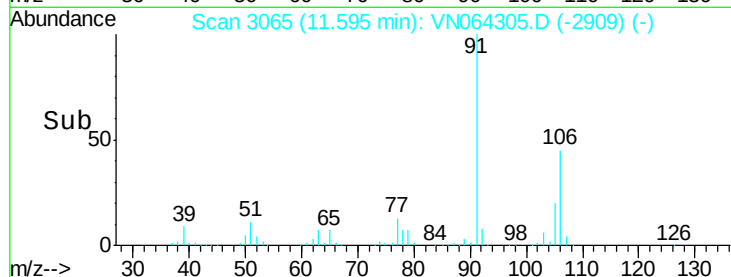
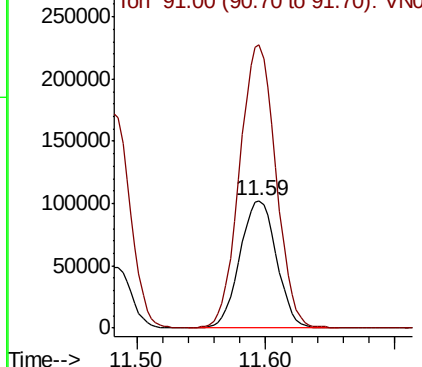
#67
m/p-Xylenes
Concen: 35.653 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:106 Resp: 202455
Ion Ratio Lower Upper
106 100
91 220.2 176.2 264.2

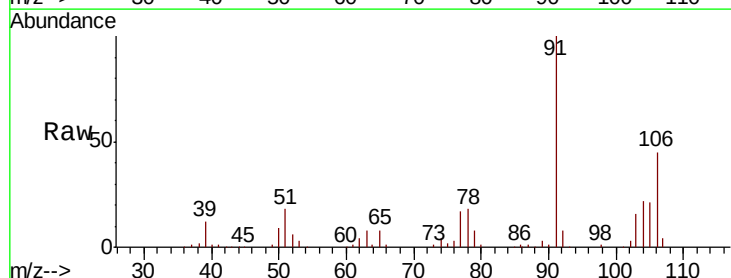


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

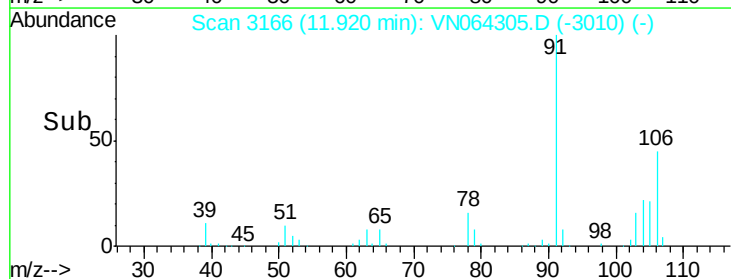
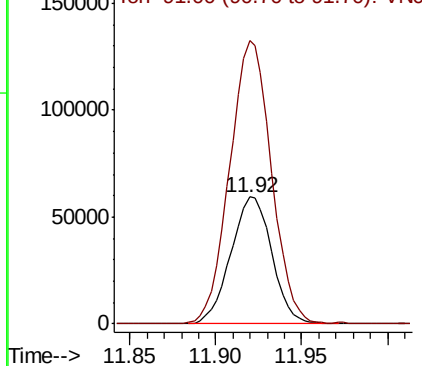


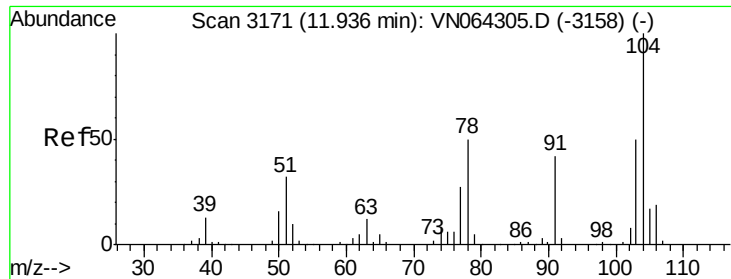
#68
o-Xylene
Concen: 17.865 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion:106 Resp: 98590
Ion Ratio Lower Upper
106 100
91 225.7 112.9 338.6



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

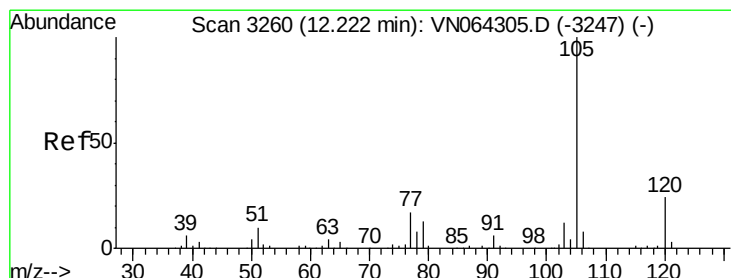
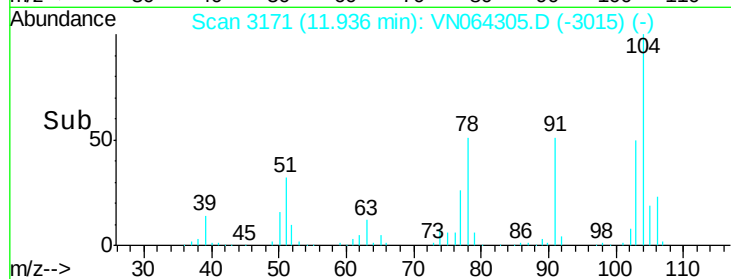
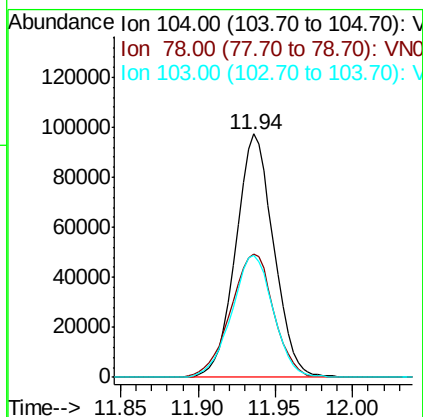
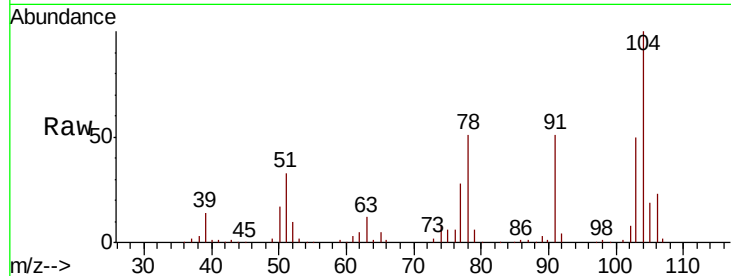




#69
Stvrene
Concen: 17.996 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

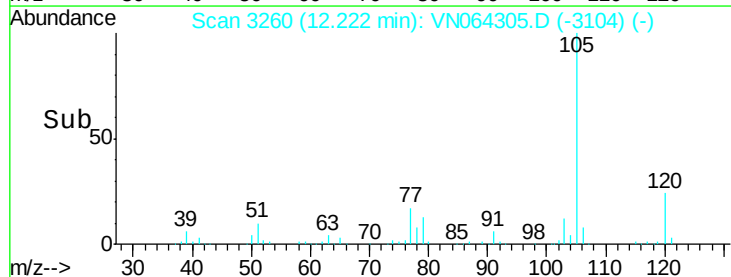
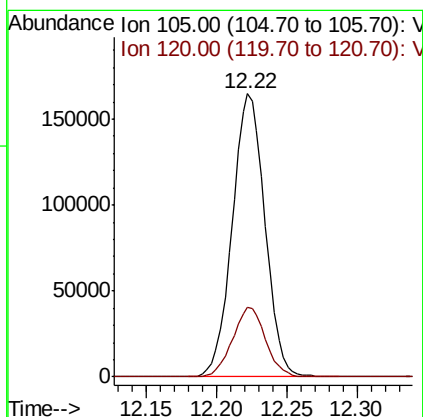
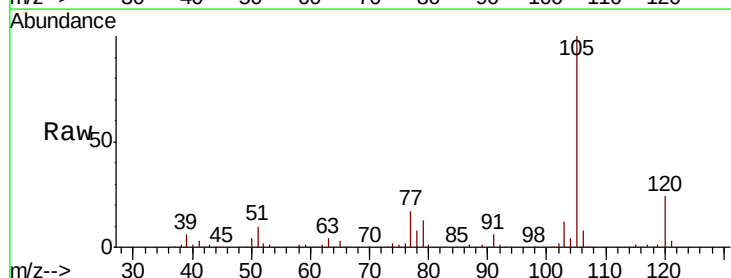
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

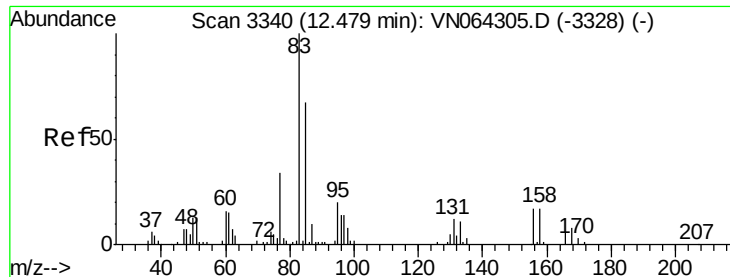
Tot Ion:104 Resp: 165889
Ion Ratio Lower Upper
104 100
78 57.9 46.3 69.5
103 55.2 44.2 66.2



#70
Isopropylbenzene
Concen: 18.215 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion:105 Resp: 266829
Ion Ratio Lower Upper
105 100
120 24.8 17.4 32.2

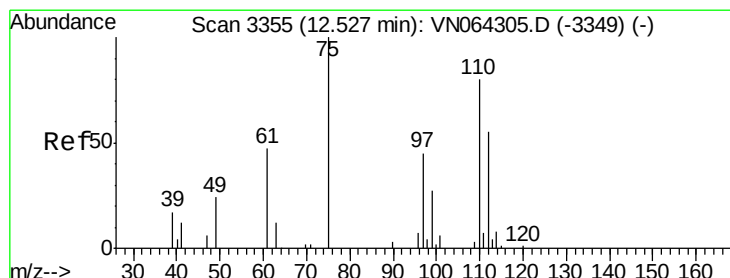
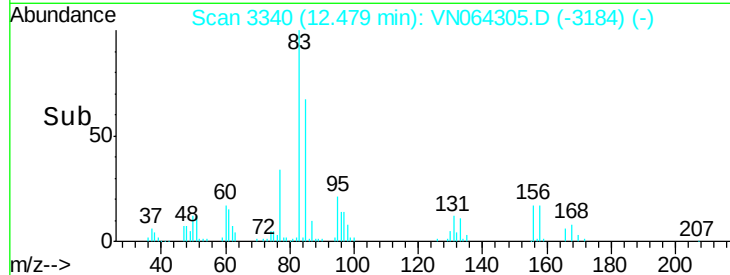
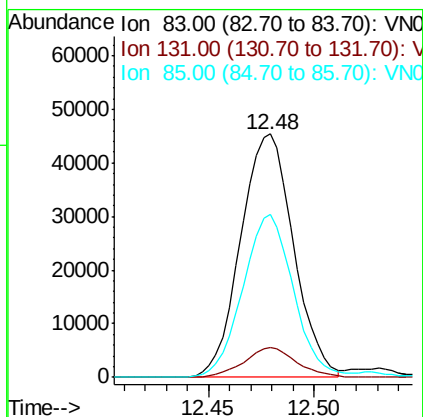
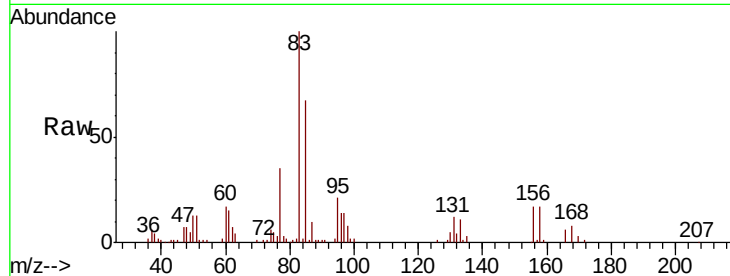




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.713 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

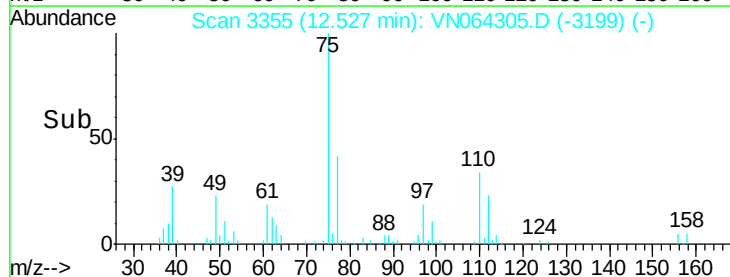
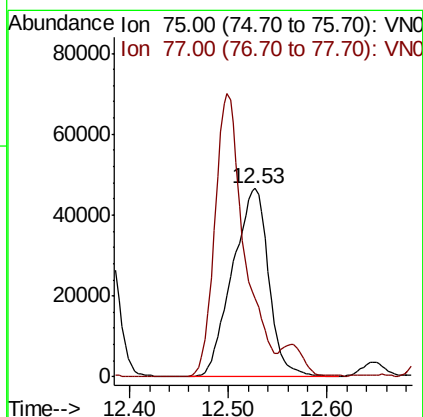
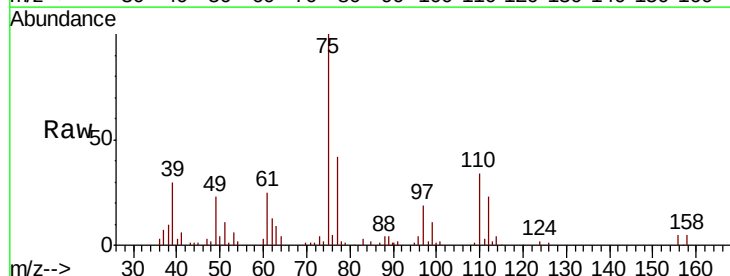
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

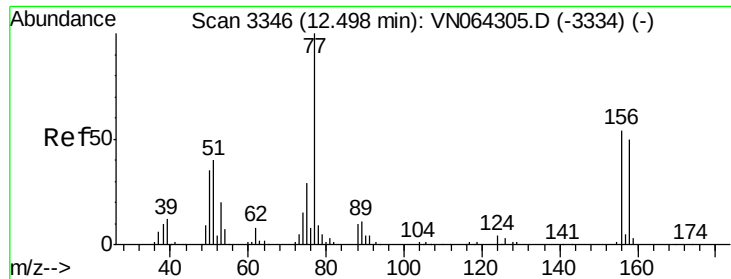
Tot Ion: 83 Resp: 79115
 Ion Ratio Lower Upper
 83 100
 131 12.0 6.0 18.0
 85 64.0 32.0 96.0



#72
 1,2,3-Trichloropropane
 Concen: 28.233 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion: 75 Resp: 119182
 Ion Ratio Lower Upper
 75 100
 77 122.9 0.0 340.8





#73

Bromobenzene

Concen: 18.276 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

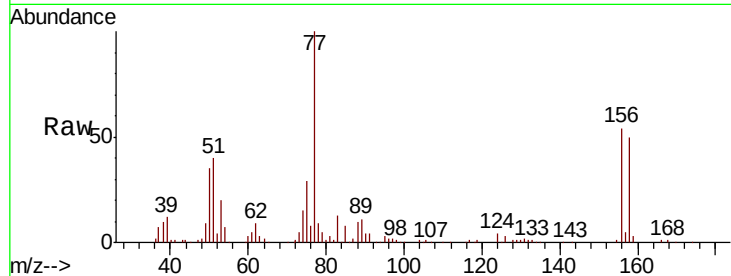
Tot Ion:156 Resp: 65227

Ion Ratio Lower Upper

156 100

77 224.6 0.0 449.2

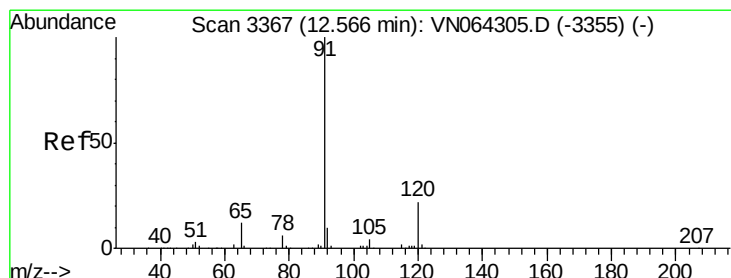
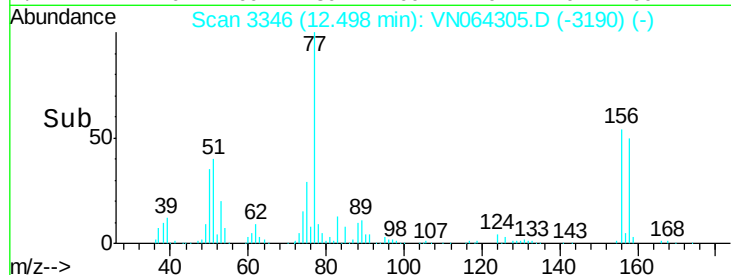
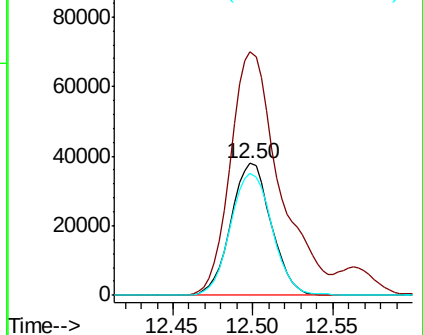
158 95.5 0.0 191.0



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: 18.032 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064305.D

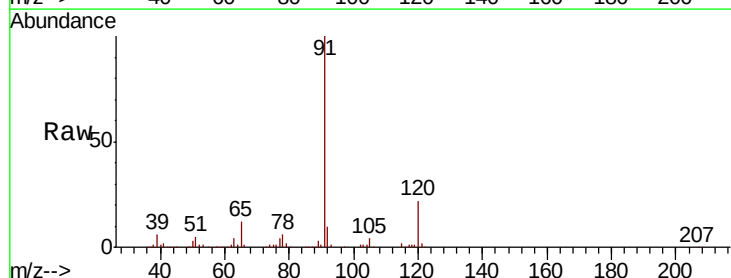
Acq: 26 Oct 2020 16:18

Tgt Ion: 91 Resp: 301639

Ion Ratio Lower Upper

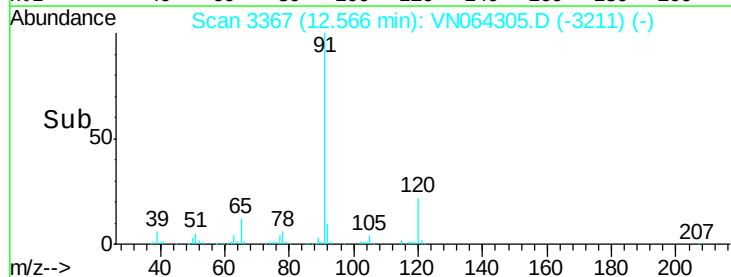
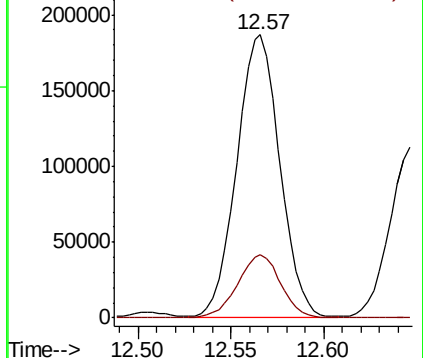
91 100

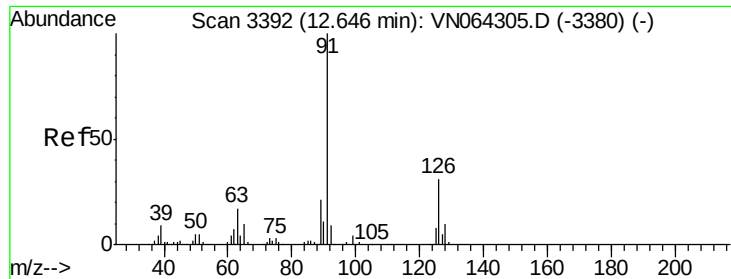
120 22.1 0.0 44.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.287 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

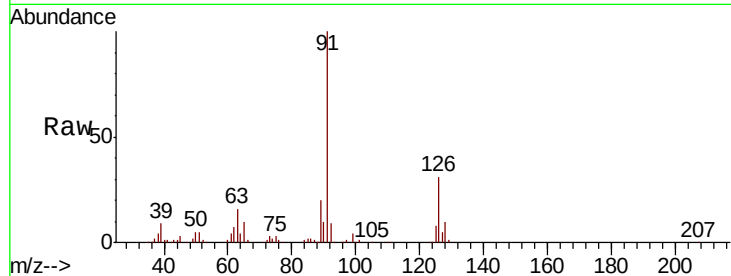
VSTDICCC020

Tot Ion: 91 Resp: 190677

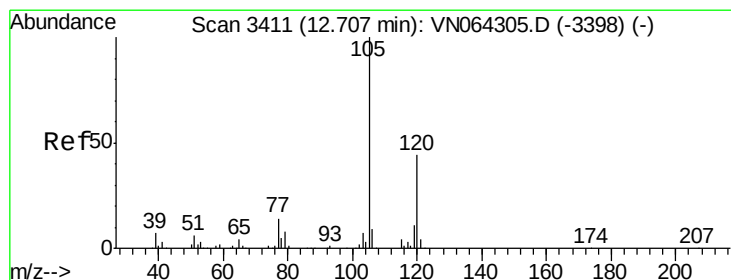
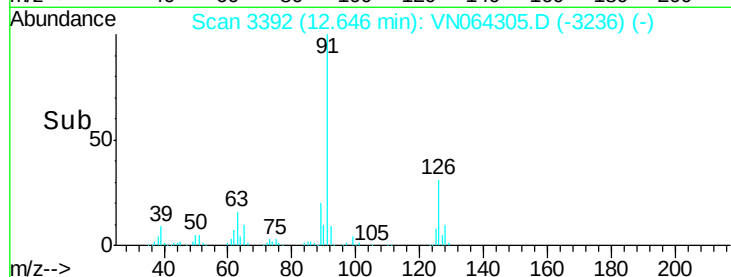
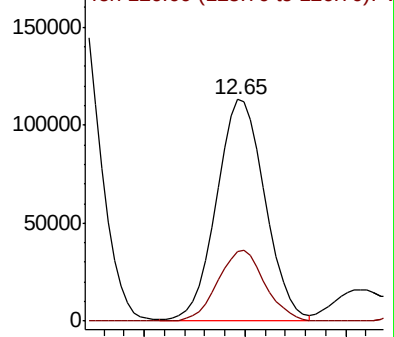
Ion Ratio Lower Upper

91 100

126 31.0 0.0 62.0



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



#76

1,3,5-Trimethylbenzene

Concen: 18.128 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064305.D

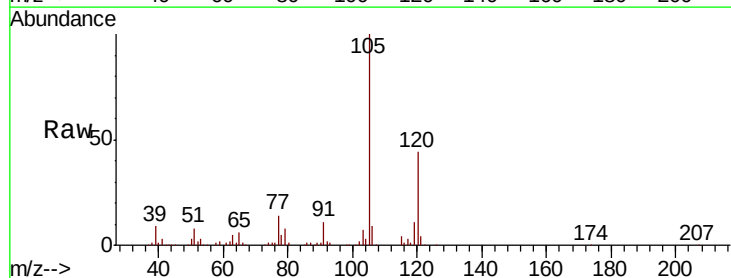
Acq: 26 Oct 2020 16:18

Tgt Ion:105 Resp: 224911

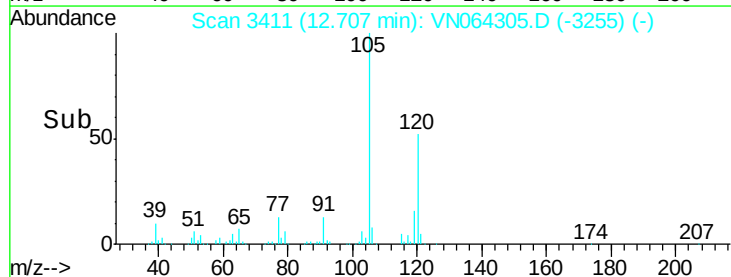
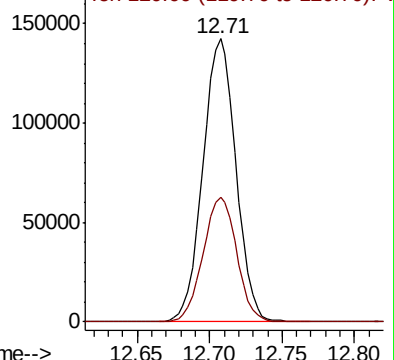
Ion Ratio Lower Upper

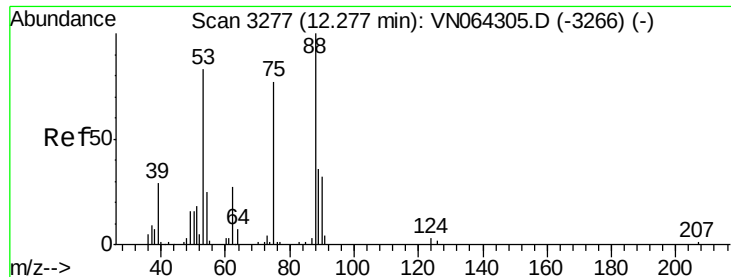
105 100

120 44.9 0.0 89.8



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



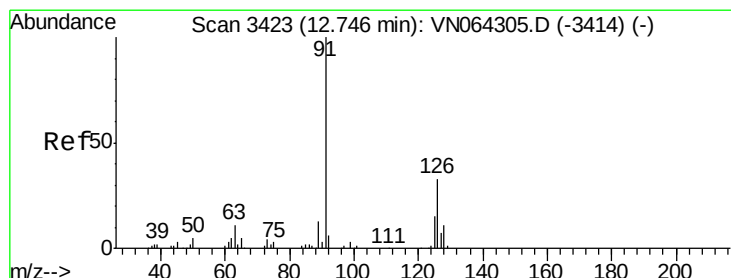
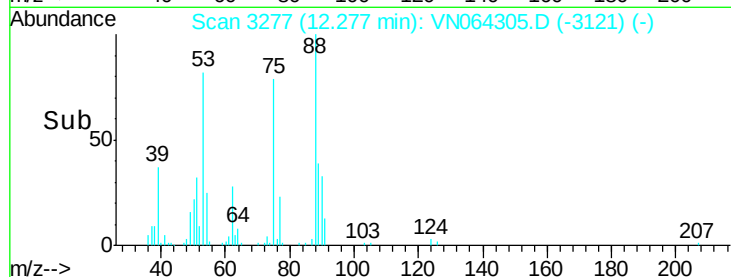
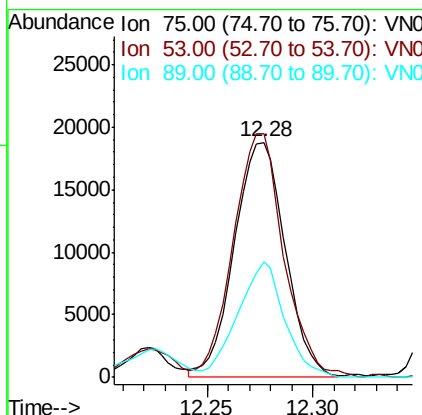
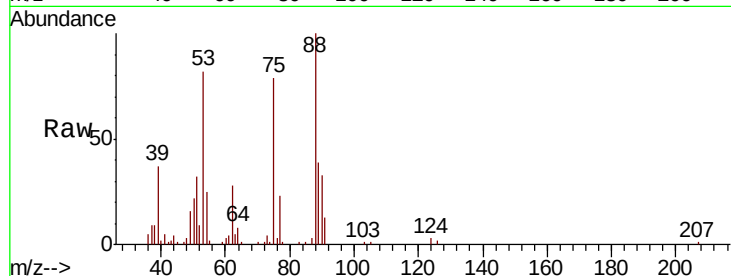


#77
t-1,4-Dichloro-2-butene
Concen: 19.492 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

Tot Ion: 75 Resp: 31483

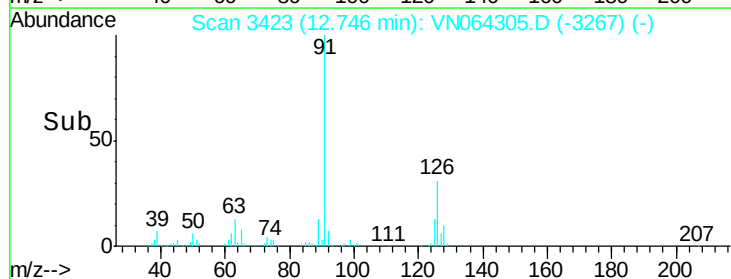
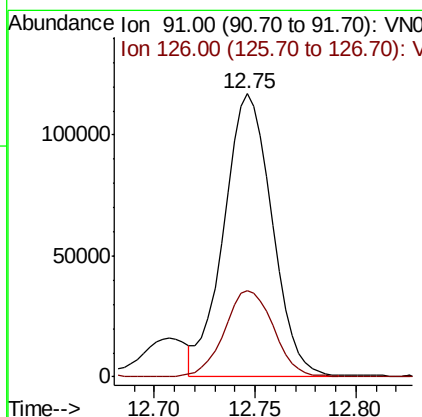
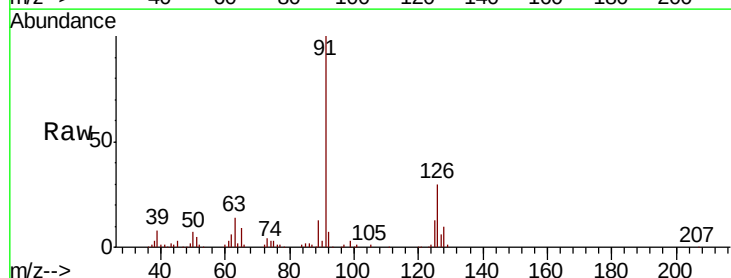
Ion	Ratio	Lower	Upper
75	100		
53	102.0	51.0	153.0
89	49.5	24.8	74.3

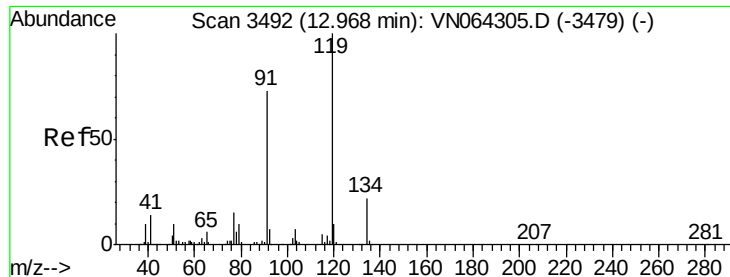


#78
4-Chlorotoluene
Concen: 18.101 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064305.D
Acq: 26 Oct 2020 16:18

Tgt Ion: 91 Resp: 195718

Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	62.4





#79

tert-butylbenzene

Concen: 18.015 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

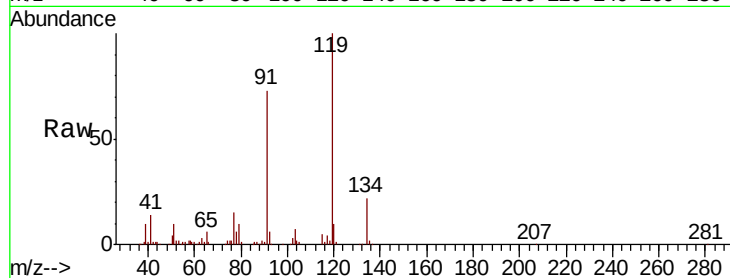
Tot Ion:119 Resp: 181924

Ion Ratio Lower Upper

119 100

91 73.4 0.0 146.8

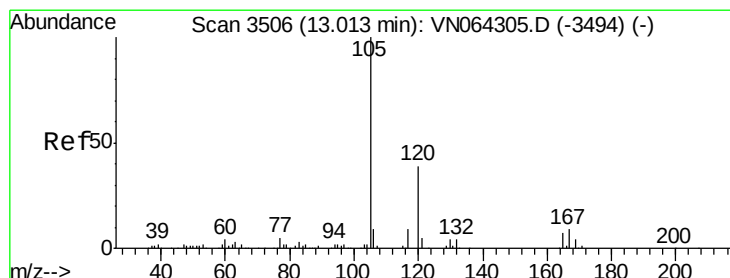
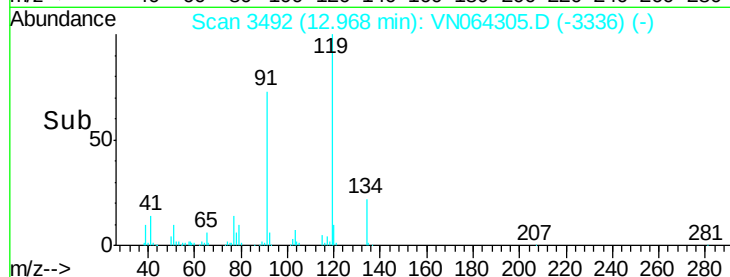
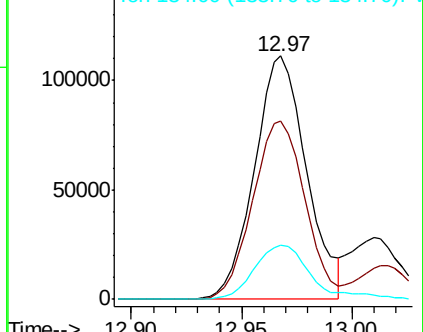
134 24.3 0.0 48.6



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: 18.078 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064305.D

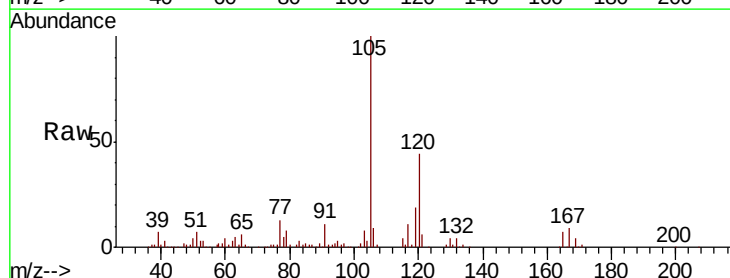
Acq: 26 Oct 2020 16:18

Tgt Ion:105 Resp: 227837

Ion Ratio Lower Upper

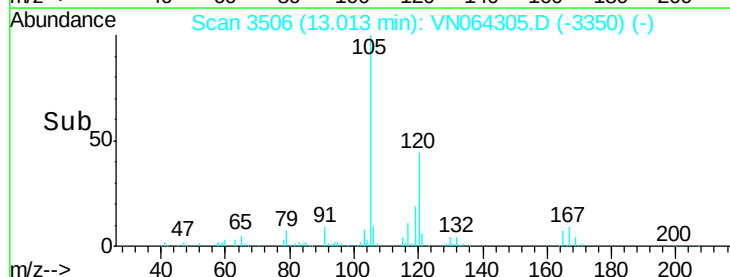
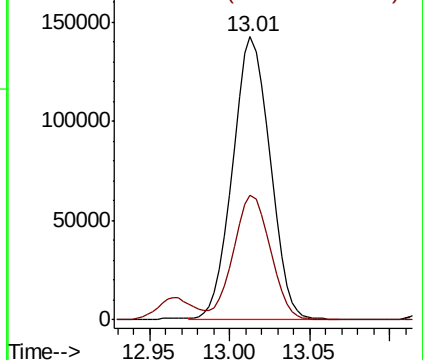
105 100

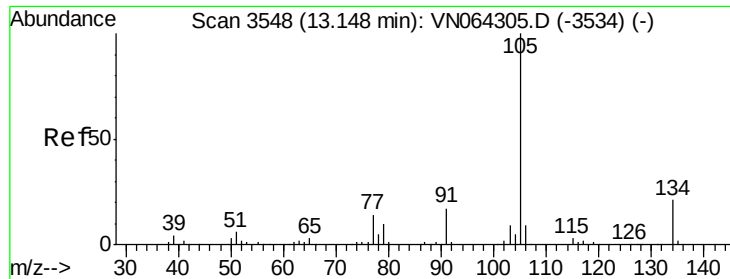
120 43.5 0.0 87.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

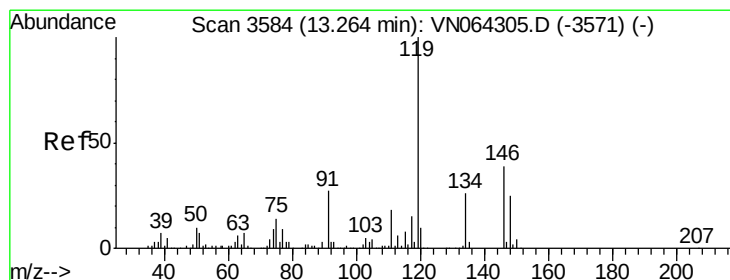
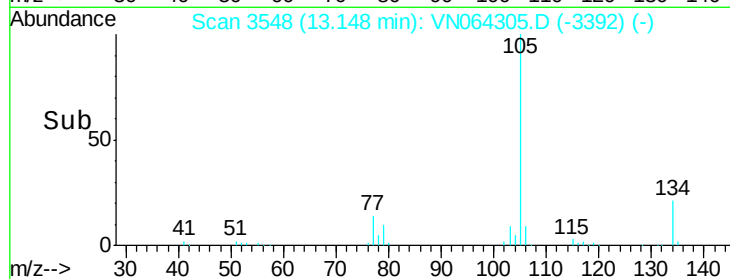
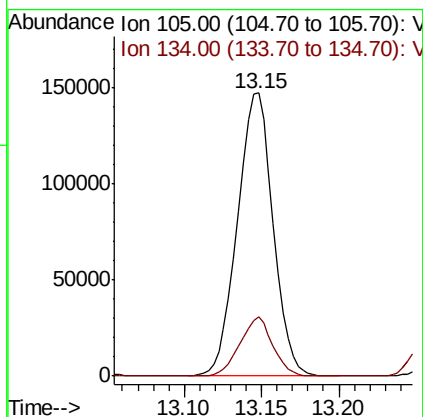
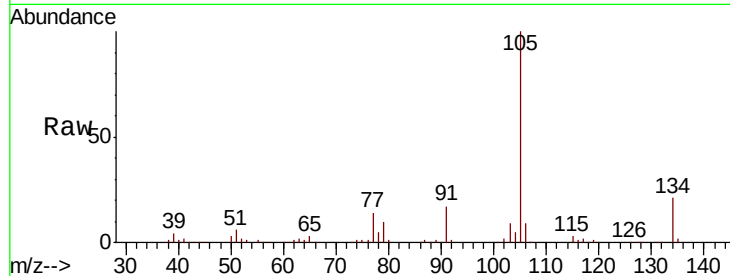




#81
 sec-Butylbenzene
 Concen: 17.997 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

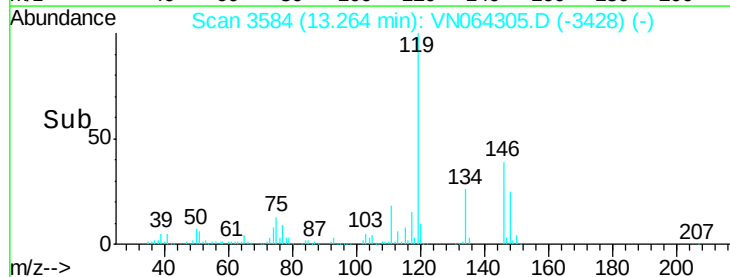
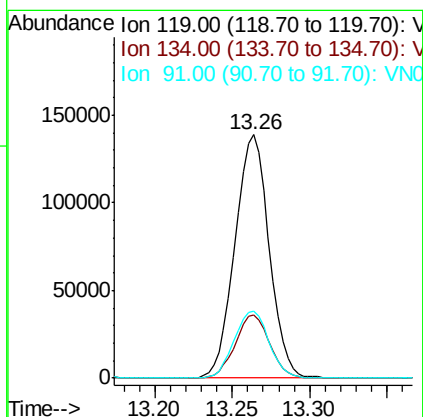
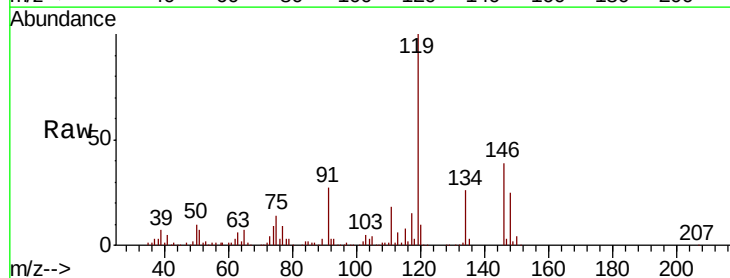
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

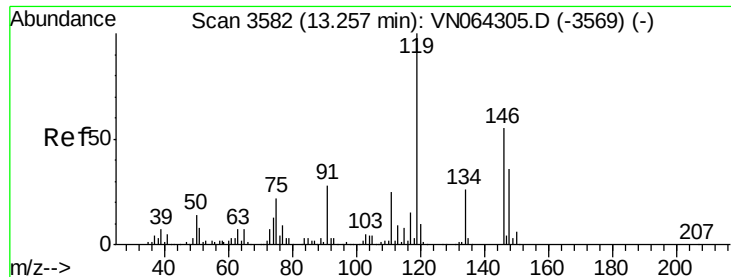
Tot Ion:105 Resp: 235664
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 17.750 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion:119 Resp: 213311
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 28.0 0.0 56.0

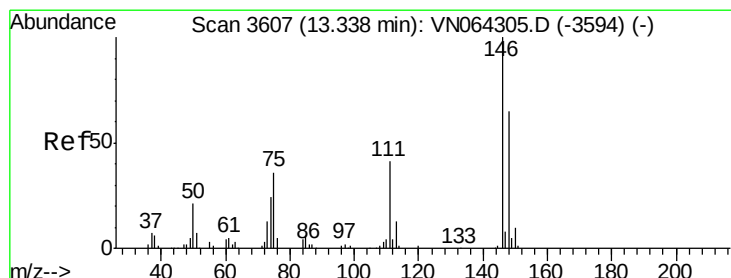
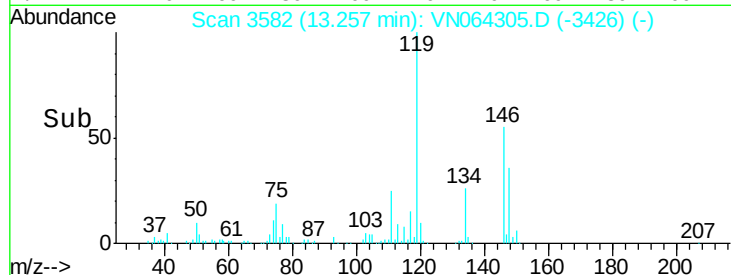
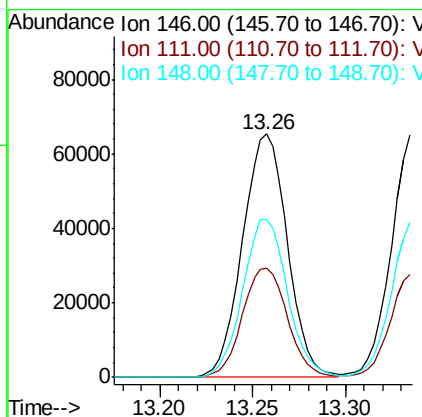
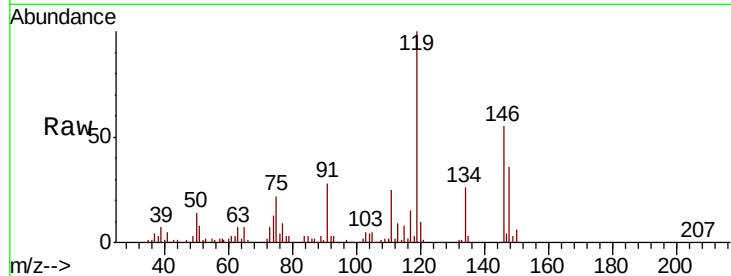




#83
 1,3-Dichlorobenzene
 Concen: 17.636 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

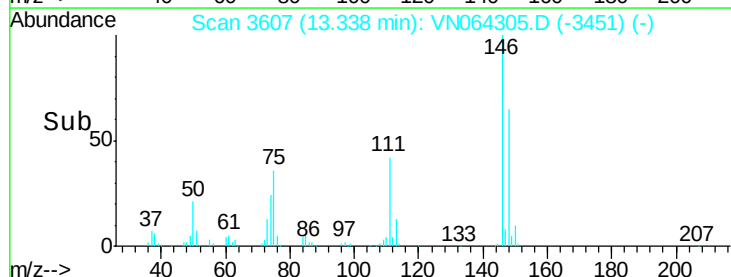
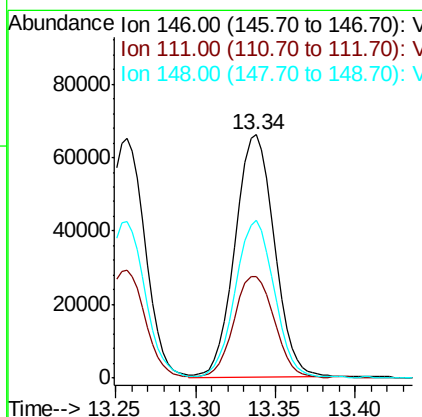
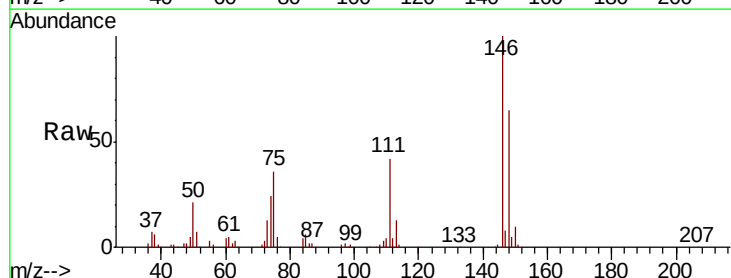
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

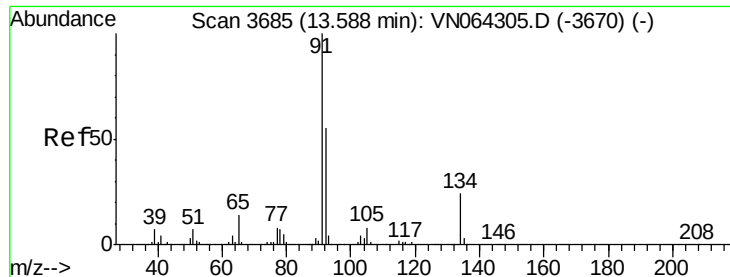
Tot Ion:146 Resp: 110295
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.5 67.5
 148 65.0 32.5 97.5



#84
 1,4-Dichlorobenzene
 Concen: 17.378 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion:146 Resp: 110341
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.8
 148 64.7 32.4 97.0





#85

n-Butylbenzene

Concen: 17.270 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

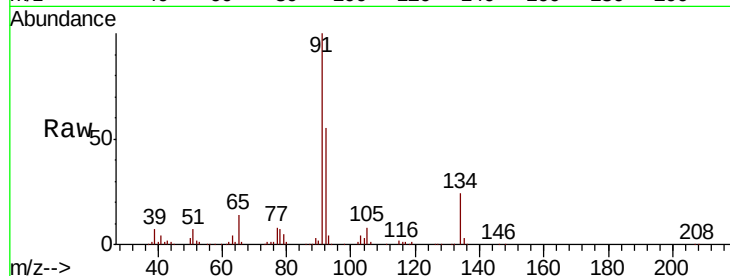
Tot Ion: 91 Resp: 181424

Ion Ratio Lower Upper

91 100

92 53.0 0.0 106.0

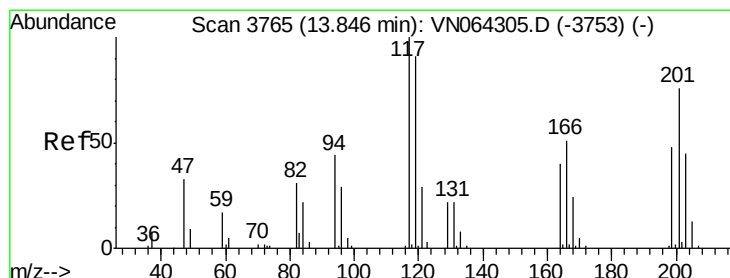
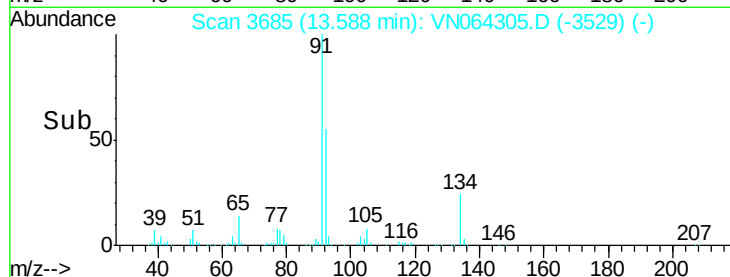
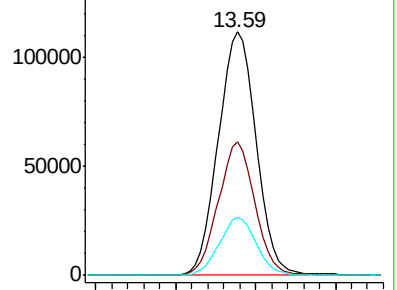
134 23.2 0.0 46.4



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) (-)



#86

Hexachloroethane

Concen: 19.444 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN064305.D

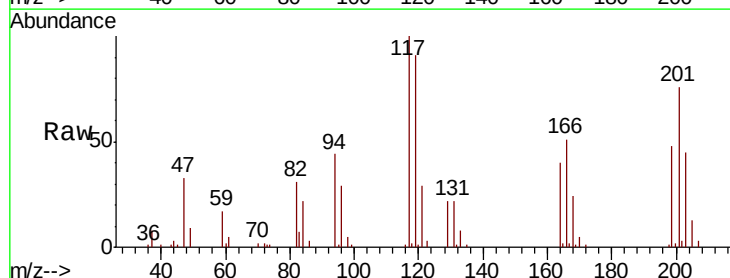
Acq: 26 Oct 2020 16:18

Tgt Ion: 117 Resp: 40456

Ion Ratio Lower Upper

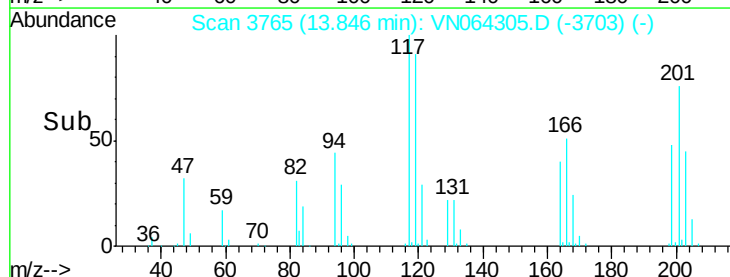
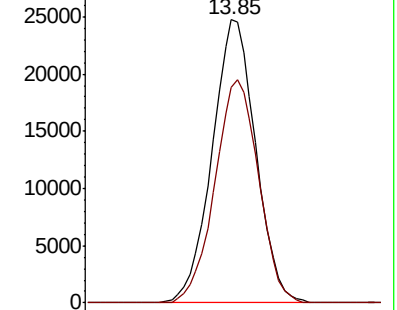
117 100

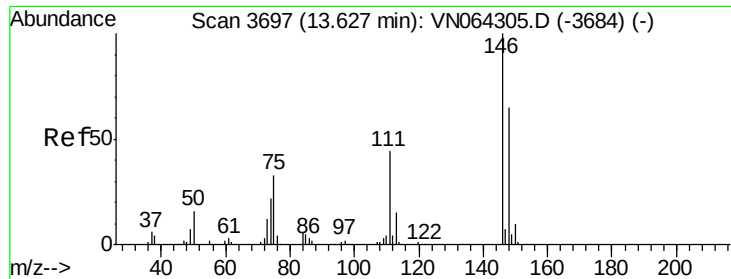
201 79.1 39.6 118.7



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

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





#87

1,2-Dichlorobenzene

Concen: 17.940 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

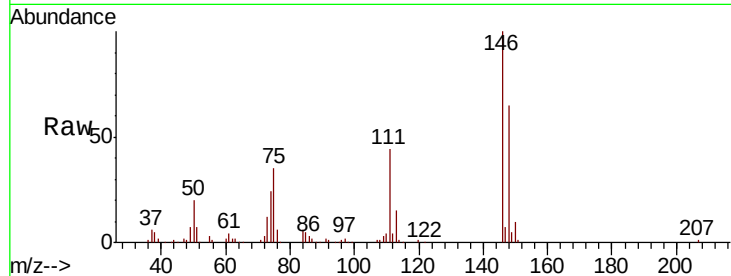
Tot Ion:146 Resp: 109914

Ion Ratio Lower Upper

146 100

111 44.5 22.3 66.8

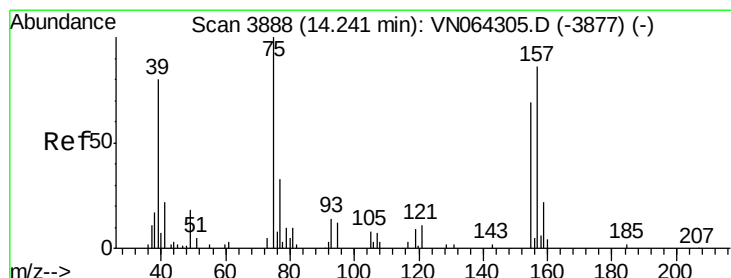
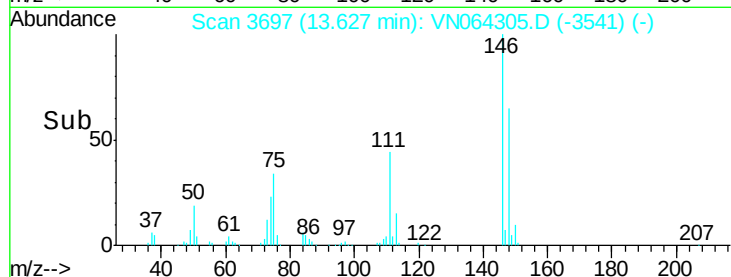
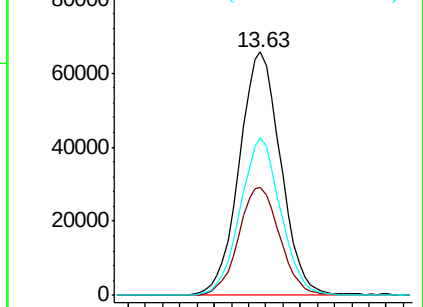
148 63.3 31.6 95.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.928 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

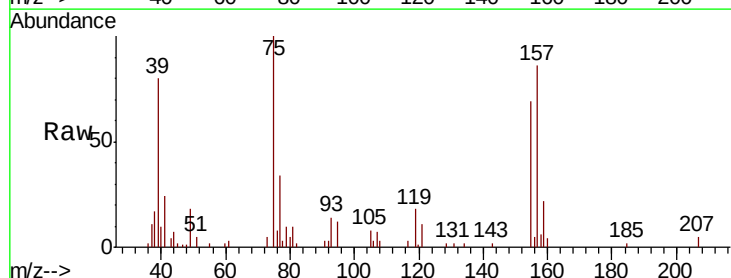
Tgt Ion: 75 Resp: 19557

Ion Ratio Lower Upper

75 100

155 69.8 55.8 83.8

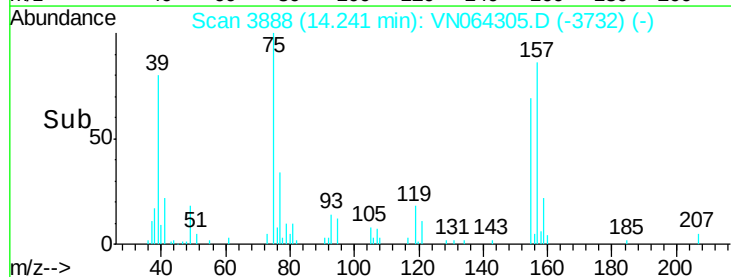
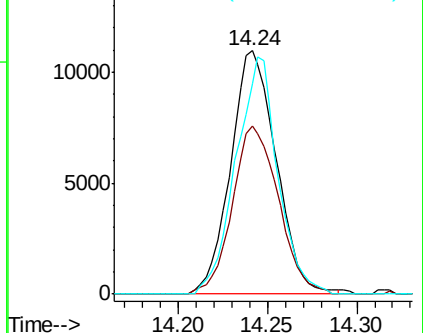
157 90.1 72.1 108.1

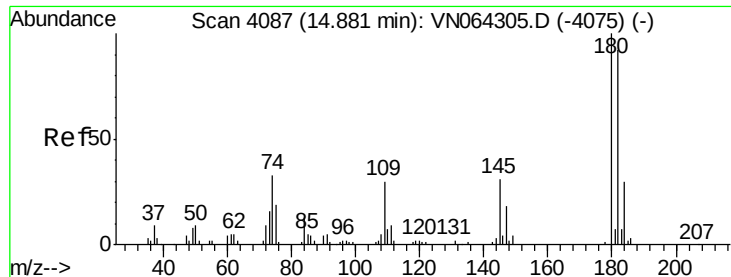


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

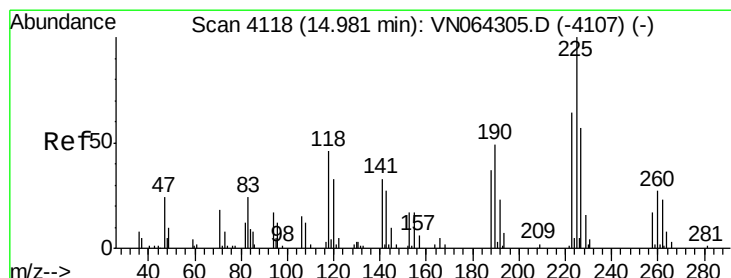
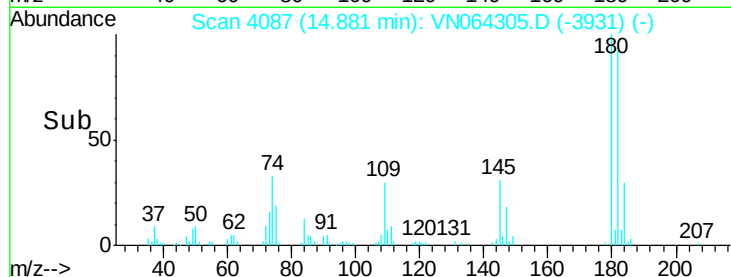
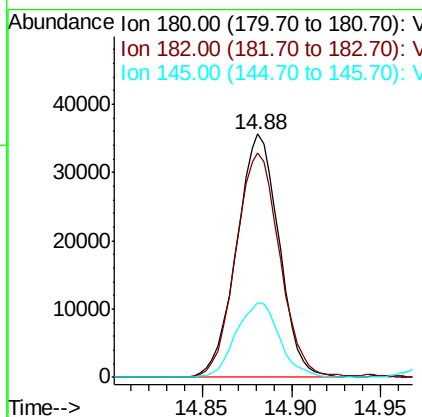
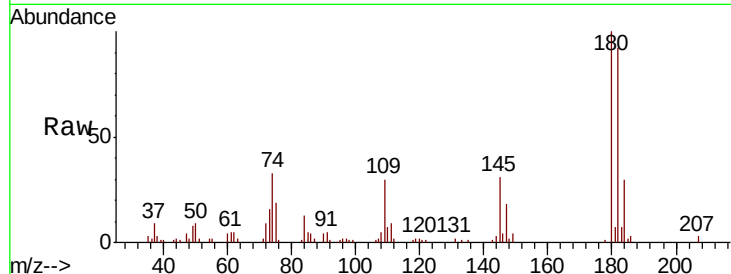




#89
 1,2,4-Trichlorobenzene
 Concen: 17.042 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

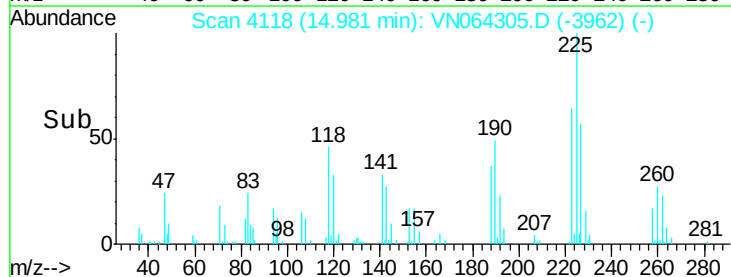
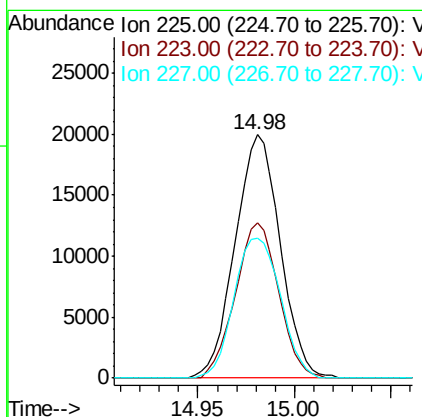
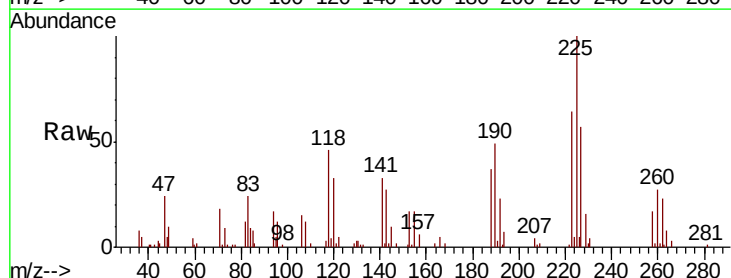
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

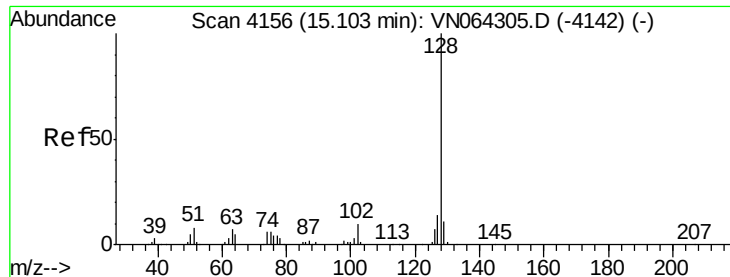
Tot Ion:180 Resp: 58991
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 114.8
 145 31.7 25.4 38.0



#90
 Hexachlorobutadiene
 Concen: 17.204 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064305.D
 Acq: 26 Oct 2020 16:18

Tgt Ion:225 Resp: 32451
 Ion Ratio Lower Upper
 225 100
 223 61.0 0.0 122.0
 227 59.0 0.0 118.0





#91

Naphthalene

Concen: 18.344 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

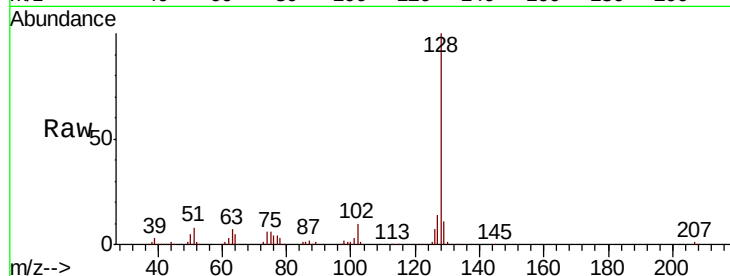
Tot Ion:128 Resp: 188202

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

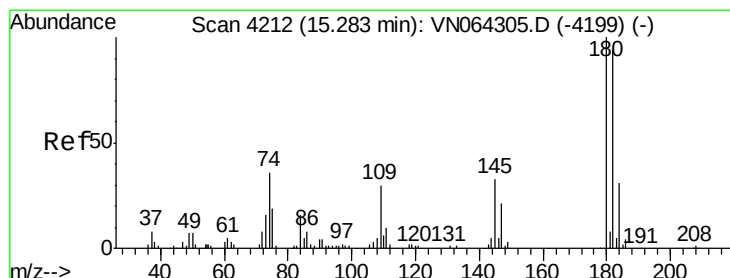
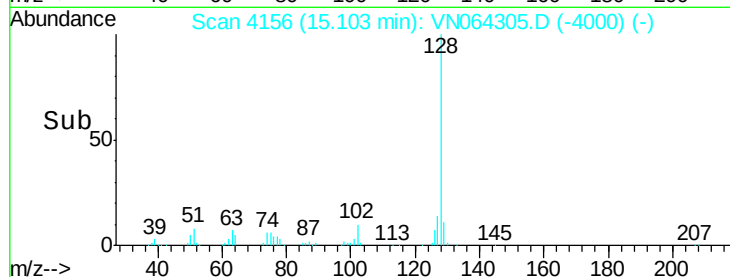
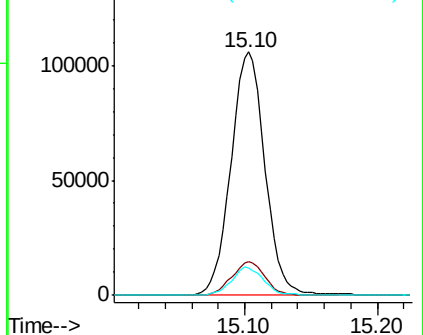
129 11.0 8.8 13.2



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: 17.657 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064305.D

Acq: 26 Oct 2020 16:18

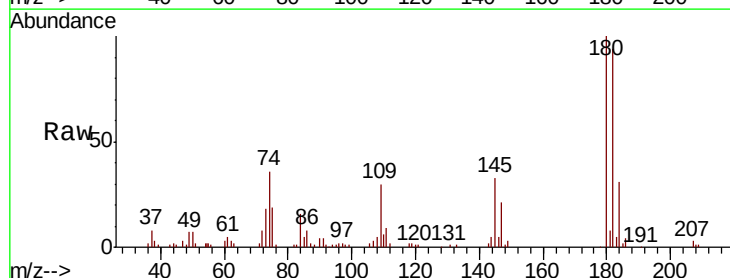
Tgt Ion:180 Resp: 58692

Ion Ratio Lower Upper

180 100

182 95.0 0.0 190.0

145 33.9 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

