

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064413.D
 Acq On : 2 Nov 2020 14:14
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Nov 02 15:11:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 02 15:04:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54895	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	308656	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	283707	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	141189	29.10	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.00%
60) 4-Bromofluorobenzene	12.38	95	139515	28.03	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.43%
63) Toluene-d8	10.06	98	375604	29.79	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	70685	16.380	ug/l 100
3) Chloromethane	2.04	50	69297	16.904	ug/l 100
4) Vinyl Chloride	2.16	62	71629	17.771	ug/l 100
5) Bromomethane	2.54	94	47201	18.832	ug/l 100
6) Chloroethane	2.68	64	42344	18.620	ug/l 100
7) Trichlorofluoromethane	2.99	101	124006	19.687	ug/l 100
8) Diethyl Ether	3.37	74	35824	18.069	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	59640	18.585	ug/l 100
10) 1,1-Dichloroethene	3.70	96	55261	18.096	ug/l 100
11) Methyl Iodide	3.91	142	71185	16.426	ug/l 100
12) Methyl Acetate	4.28	43	59329	16.579	ug/l 100
13) Acrolein	3.63	56	107	0.406	ug/l # 1
14) Acrylonitrile	4.93	53	130822	83.589	ug/l 100
15) Acetone	3.77	58	54671	116.305	ug/l 100
16) Carbon Disulfide	4.01	76	157584	17.360	ug/l 100
17) Allyl chloride	4.28	41	95893	16.609	ug/l 100
18) Methylene Chloride	4.50	84	64989	18.578	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	61213	18.205	ug/l 100
20) Diisopropyl ether	5.90	45	213879	18.179	ug/l 100
21) 1,1-Dichloroethane	5.80	63	120251	18.226	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	73011	18.860	ug/l 100
23) tert-Butyl Alcohol	4.73	59	51700	73.891	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	200668	17.517	ug/l 100
25) Chloroform	7.33	83	129926	18.977	ug/l 100
26) Cyclohexane	7.61	56	92006	17.146	ug/l 100
29) 1,1-Dichloropropene	7.75	75	90280	17.256	ug/l 100
30) 2-Butanone	6.78	43	225842	91.014	ug/l 100
31) 2,2-Dichloropropane	6.77	77	113489	17.982	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	123109	18.573	ug/l 100
33) Carbon Tetrachloride	7.73	117	110399	18.243	ug/l 100
34) Benzene	8.00	78	262564	18.473	ug/l 100
35) Methacrylonitrile	7.12	41	38550	15.271	ug/l 100
36) 1,2-Dichloroethane	8.08	62	112833	18.101	ug/l 100
37) Trichloroethene	8.80	130	71567	18.402	ug/l 100
38) Methylcyclohexane	9.05	83	82292	16.338	ug/l 100
39) 1,2-Dichloropropane	9.08	63	66983	17.748	ug/l 100
40) Dibromomethane	9.17	93	49230	18.537	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	104607	18.269	ug/l	100
42) Vinyl Acetate	5.84	43	886259	84.896	ug/l	100
43) Ethyl Acetate	6.88	43	72422	14.905	ug/l	100
44) Isopropyl Acetate	8.12	43	146698	16.194	ug/l #	73
45) 1,4-Dioxane	9.16	88	20059	291.889	ug/l	100
46) Methyl methacrylate	9.16	41	71436	16.189	ug/l	100
47) n-amyl Acetate	12.04	43	120384	15.785	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	109071	17.159	ug/l	100
49) cis-1,3-Dichloropropene	9.80	75	115448	17.607	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	65949	18.574	ug/l	100
51) Ethyl methacrylate	10.40	69	89441	16.416	ug/l	100
52) 1,3-Dichloropropane	10.68	76	112641	18.127	ug/l	100
53) Dibromochloromethane	10.87	129	77638	17.932	ug/l	100
54) 1,2-Dibromoethane	10.97	107	69588	18.363	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	233757	85.745	ug/l	100
56) Bromoform	12.10	173	52136	17.014	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	420999	82.855	ug/l	100
59) 2-Hexanone	10.72	43	324955	84.918	ug/l	100
61) Tetrachloroethene	10.60	164	72040	18.973	ug/l	100
62) Toluene	10.12	91	292504	18.670	ug/l	100
64) Chlorobenzene	11.40	112	182381	18.644	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	72809	18.867	ug/l	100
66) Ethyl Benzene	11.48	91	321269	18.125	ug/l	100
67) m/p-Xylenes	11.59	106	240752	36.672	ug/l	100
68) o-Xylene	11.92	106	115957	17.996	ug/l	100
69) Styrene	11.94	104	187099	17.553	ug/l	100
70) Isopropylbenzene	12.22	105	301556	17.779	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	85141	17.781	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	118063	23.818	ug/l	65
73) Bromobenzene	12.50	156	78744	18.711	ug/l	100
74) n-propylbenzene	12.56	91	327764	17.069	ug/l	100
75) 2-Chlorotoluene	12.65	91	212607	17.829	ug/l	100
76) 1,3,5-Trimethylbenzene	12.70	105	244325	17.150	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	29670	15.936	ug/l	100
78) 4-Chlorotoluene	12.75	91	214801	17.257	ug/l	100
79) tert-butylbenzene	12.97	119	200319	17.018	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	249637	17.347	ug/l	100
81) sec-Butylbenzene	13.14	105	248070	16.360	ug/l	100
82) p-Isopropyltoluene	13.26	119	225162	16.200	ug/l	100
83) 1,3-Dichlorobenzene	13.25	146	128621	17.706	ug/l	100
84) 1,4-Dichlorobenzene	13.33	146	130446	17.839	ug/l	100
85) n-Butylbenzene	13.59	91	180599	15.029	ug/l	100
86) Hexachloroethane	13.85	117	41111	15.965	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	128662	17.976	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17488	14.881	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	58727	14.858	ug/l	100
90) Hexachlorobutadiene	14.98	225	32775	15.382	ug/l	100
91) Naphthalene	15.10	128	165266	14.135	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	55424	14.644	ug/l	100

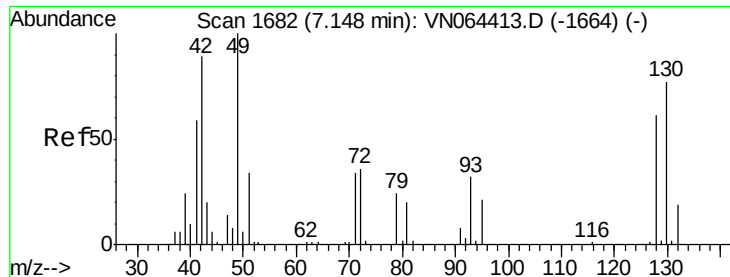
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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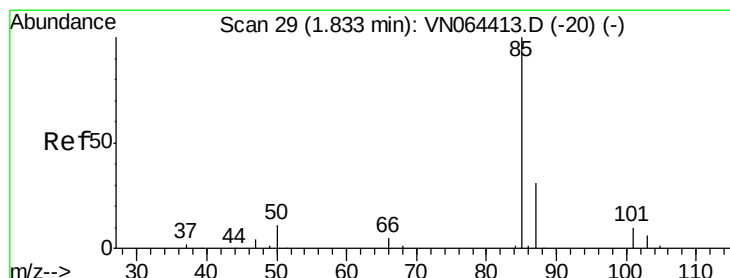
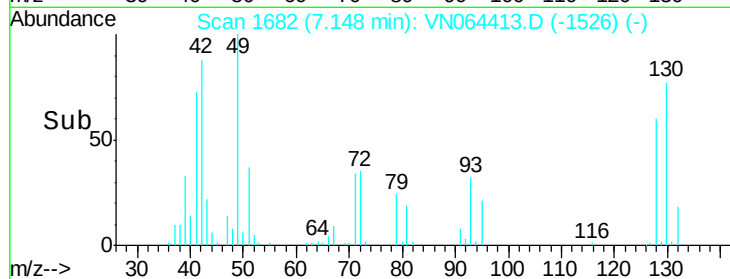
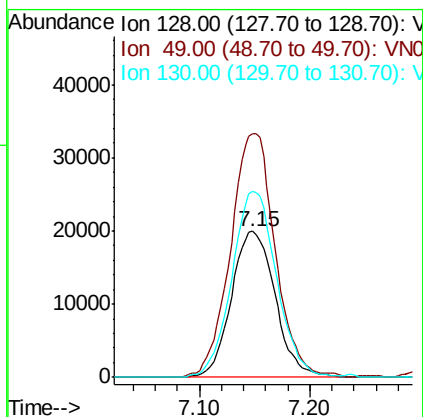
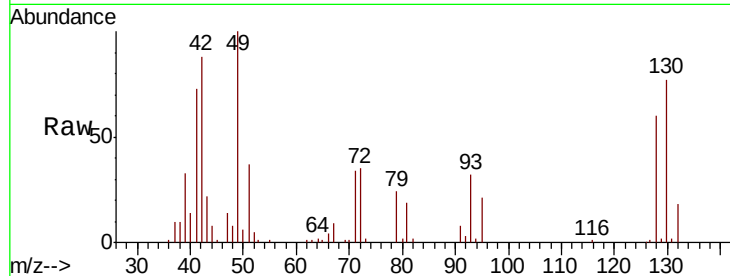
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

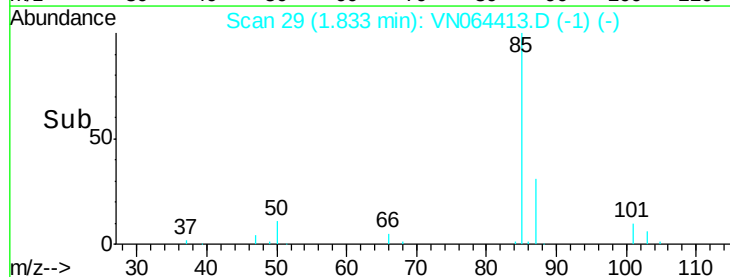
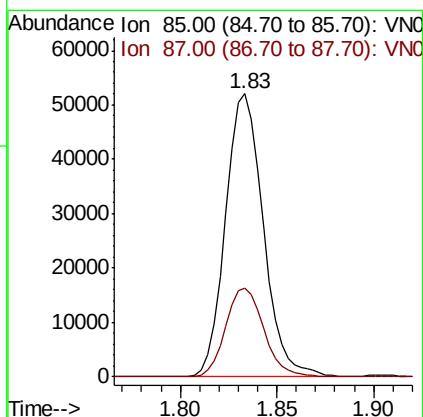
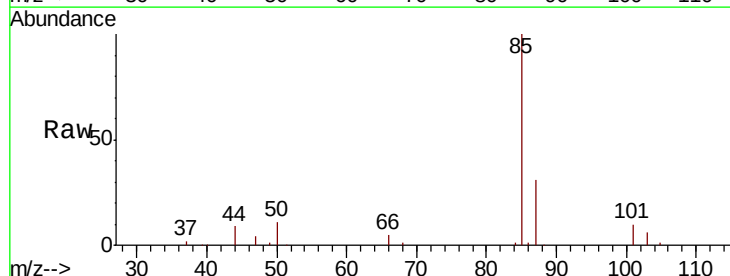
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

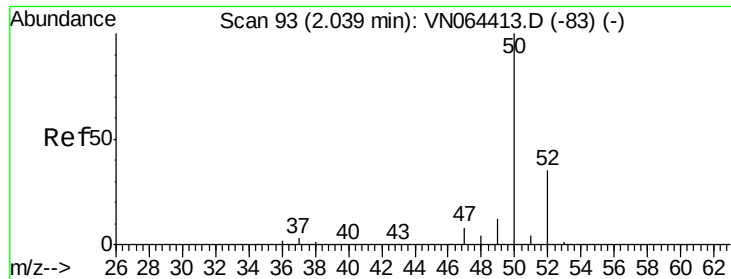
Tot Ion:128 Resp: 54895
Ion Ratio Lower Upper
128 100
49 169.4 0.0 423.5
130 130.0 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 16.380 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 85 Resp: 70685
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1





#3

Chloromethane

Concen: 16.904 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

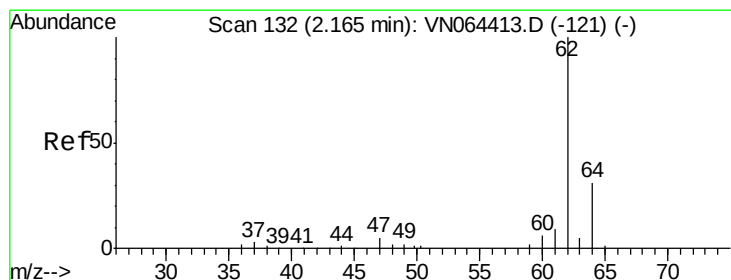
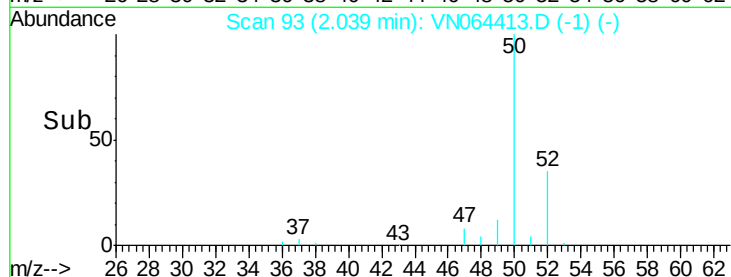
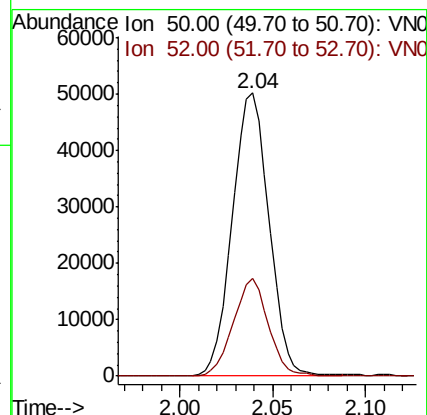
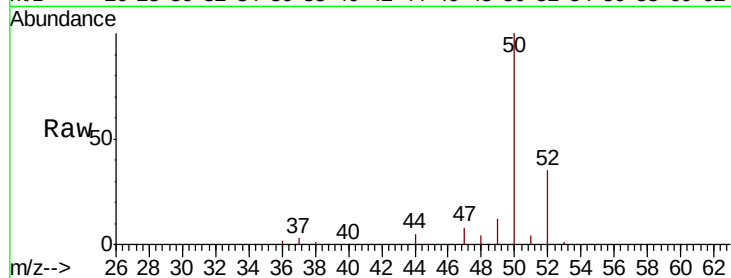
VSTDICCC020

Tot Ion: 50 Resp: 69297

Ion Ratio Lower Upper

50 100

52 34.6 27.7 41.5



#4

Vinyl Chloride

Concen: 17.771 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064413.D

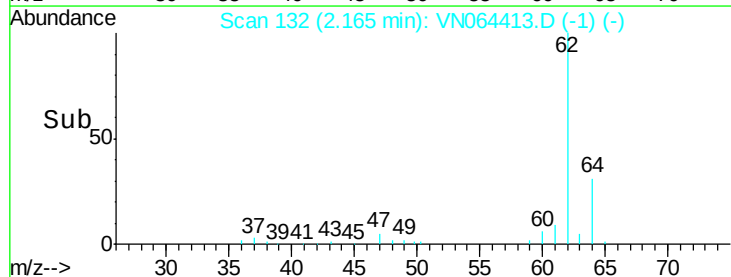
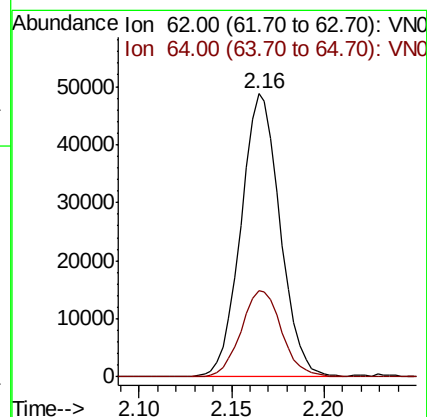
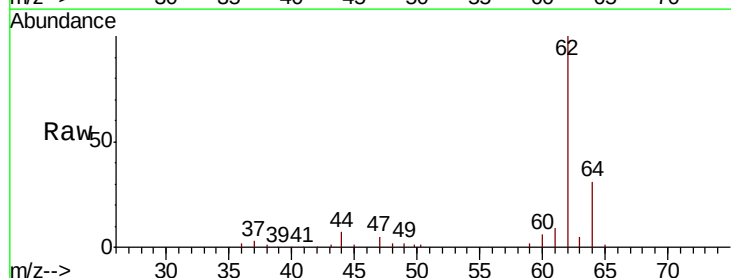
Acq: 2 Nov 2020 14:14

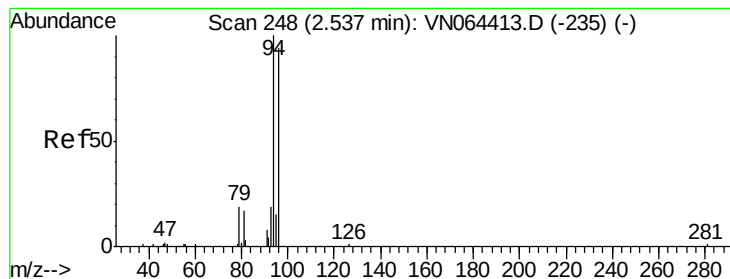
Tgt Ion: 62 Resp: 71629

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





#5

Bromomethane

Concen: 18.832 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

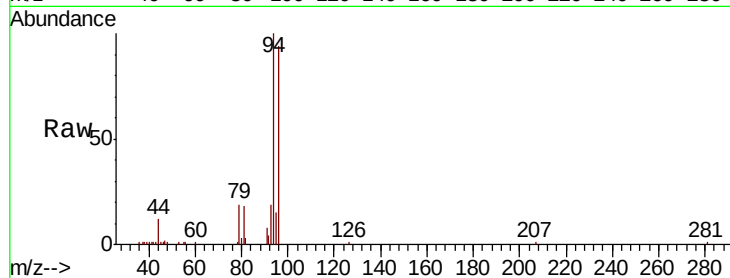
VSTDICCC020

Tot Ion: 94 Resp: 47201

Ion Ratio Lower Upper

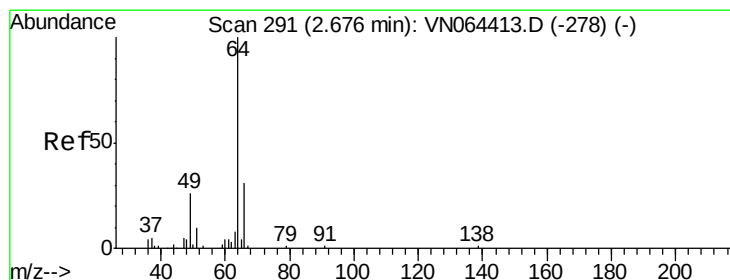
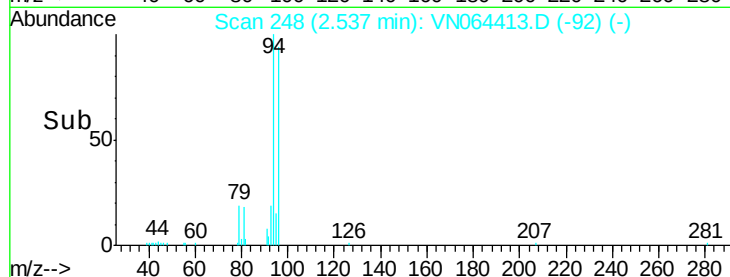
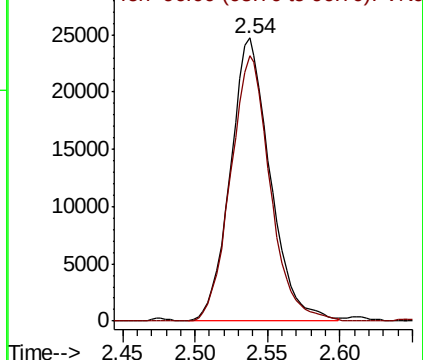
94 100

96 94.0 75.2 112.8



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.620 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064413.D

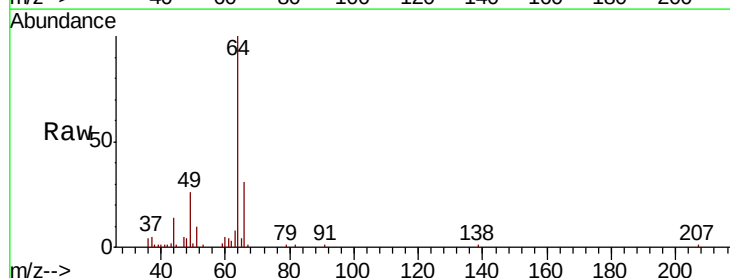
Acq: 2 Nov 2020 14:14

Tgt Ion: 64 Resp: 42344

Ion Ratio Lower Upper

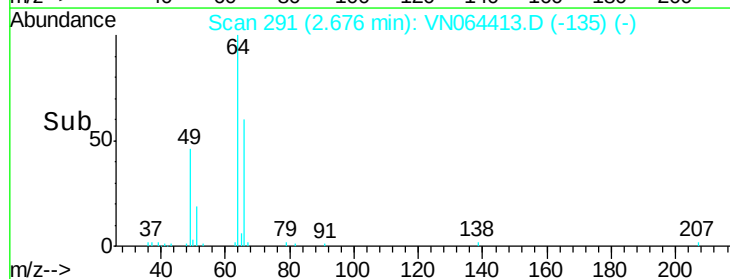
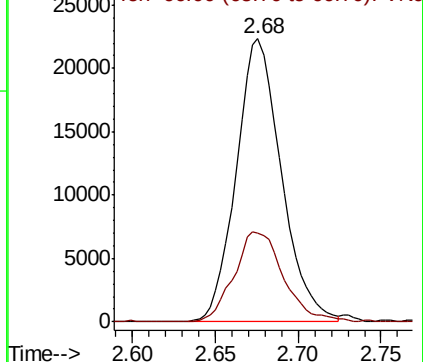
64 100

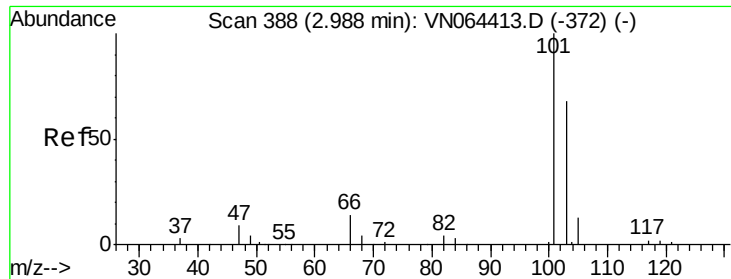
66 31.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



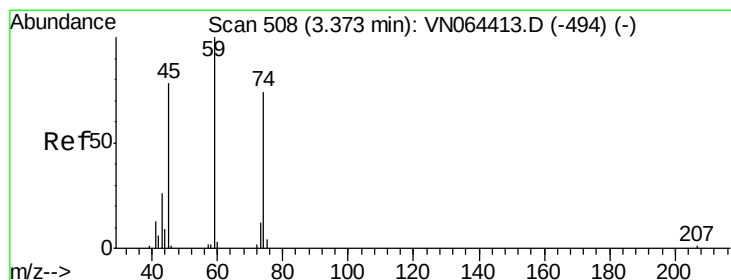
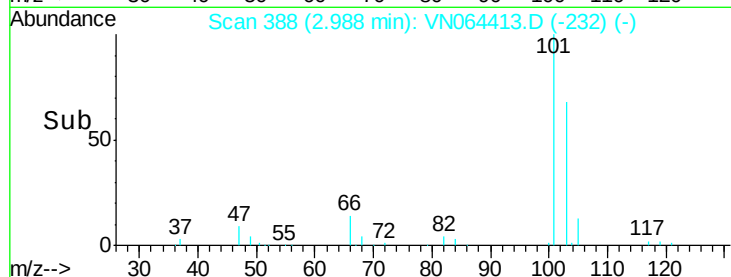
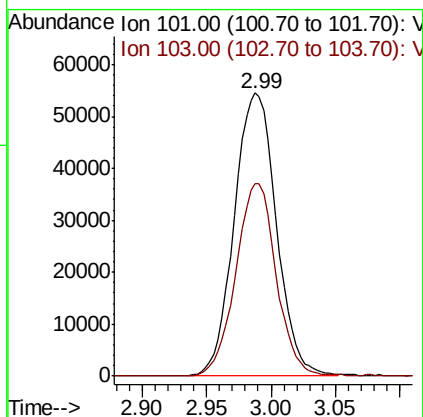
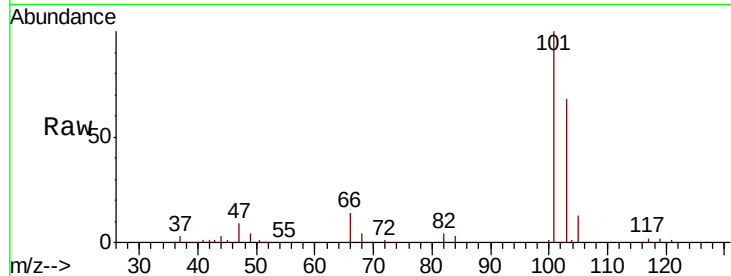


#7

Trichlorofluoromethane
 Concen: 19.687 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064413.D
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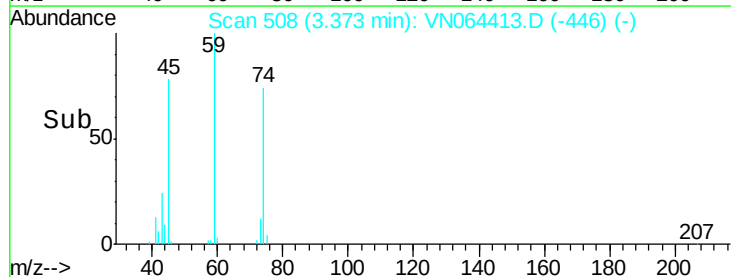
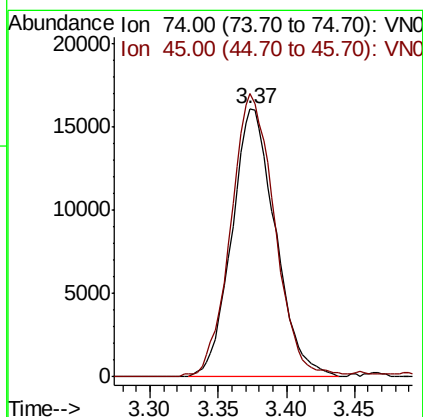
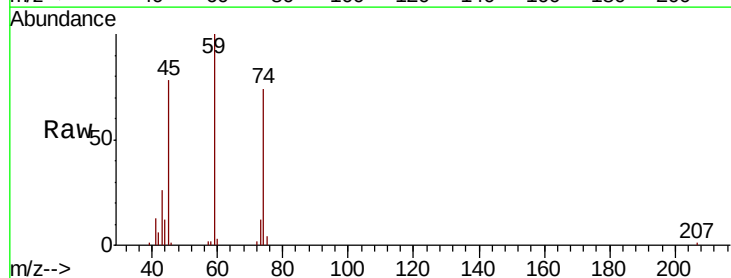
Tot Ion:101 Resp: 124006
 Ion Ratio Lower Upper
 101 100
 103 68.2 54.6 81.8

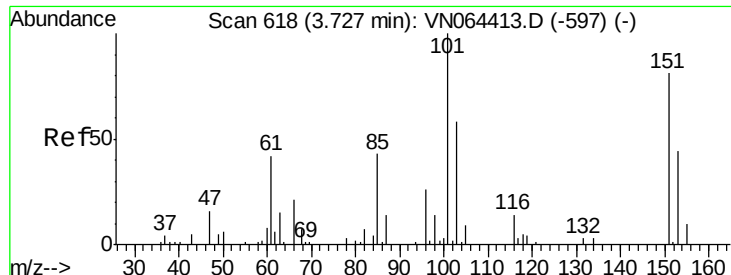


#8

Diethyl Ether
 Concen: 18.069 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 74 Resp: 35824
 Ion Ratio Lower Upper
 74 100
 45 105.9 21.2 190.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.585 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

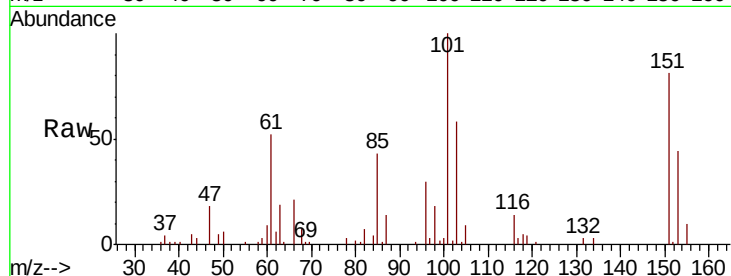
Tot Ion:101 Resp: 59640

Ion Ratio Lower Upper

101 100

85 44.8 0.0 89.6

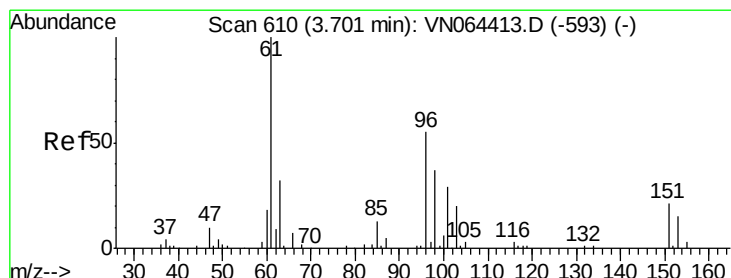
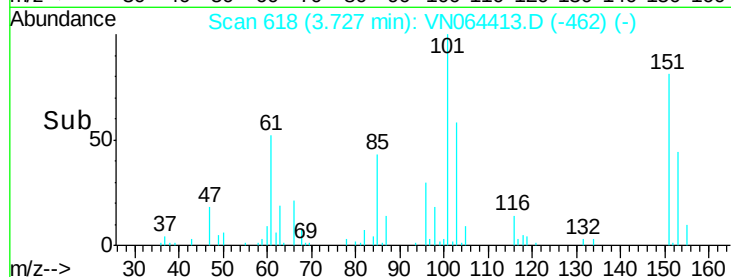
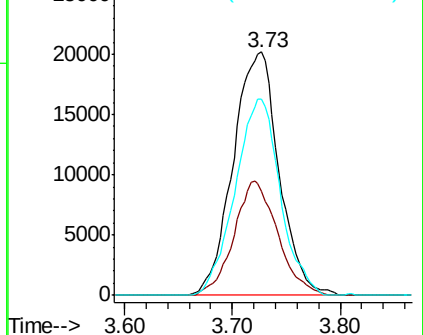
151 79.4 0.0 158.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.096 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

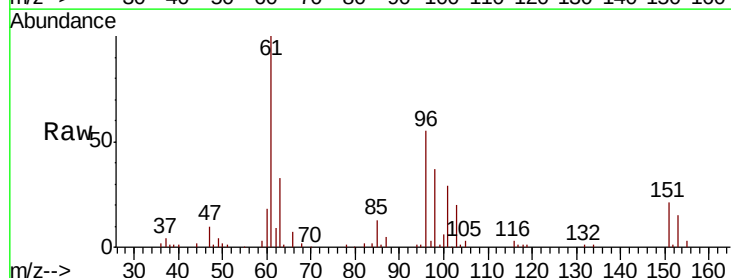
Tgt Ion: 96 Resp: 55261

Ion Ratio Lower Upper

96 100

61 182.0 145.6 218.4

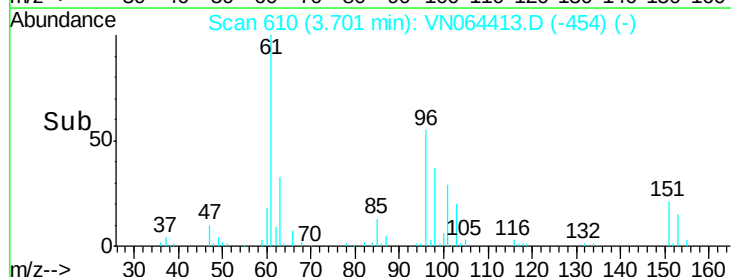
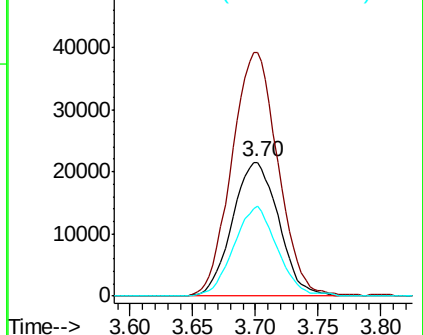
98 67.4 53.9 80.9

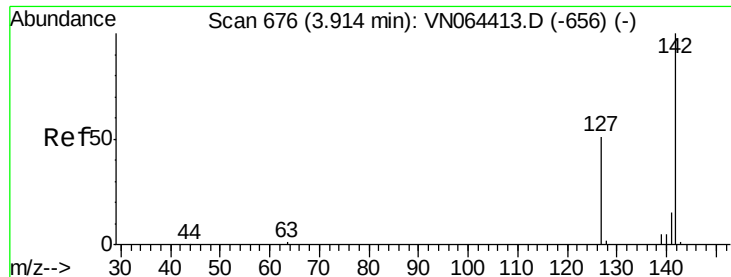


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

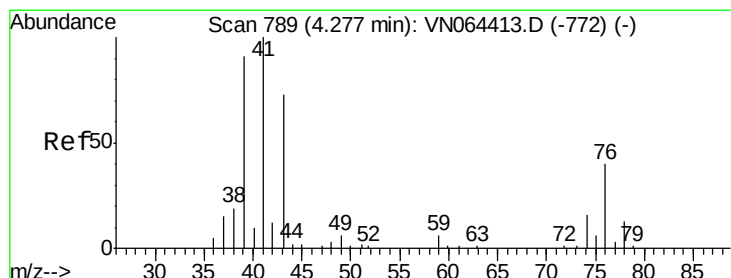
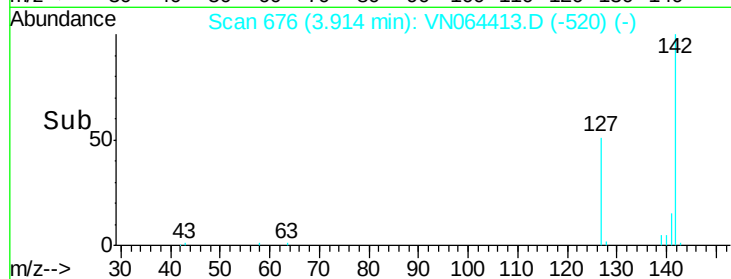
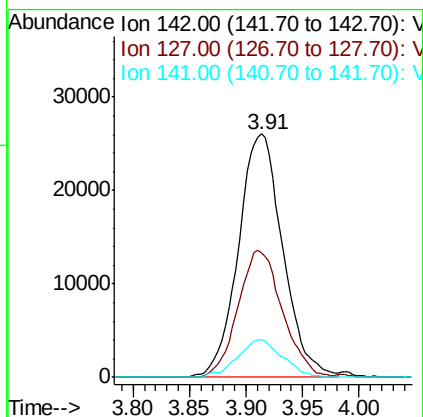
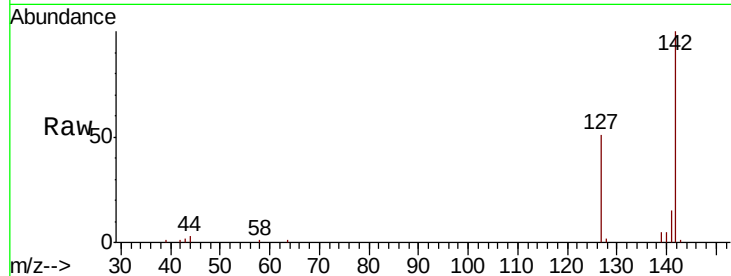




#11
Methyl Iodide
Concen: 16.426 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

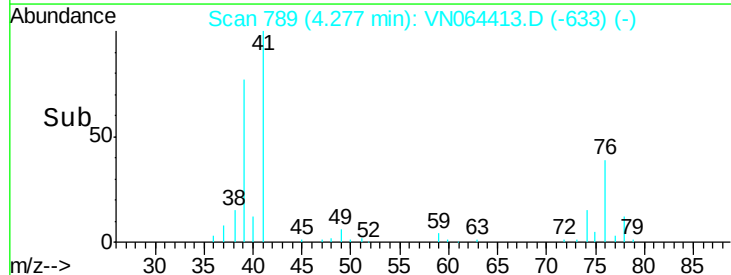
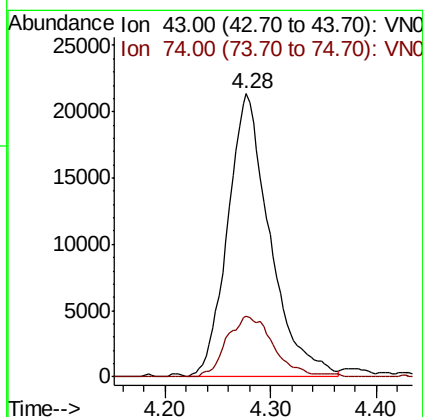
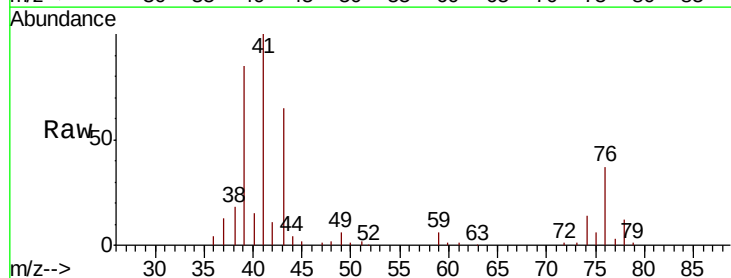
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

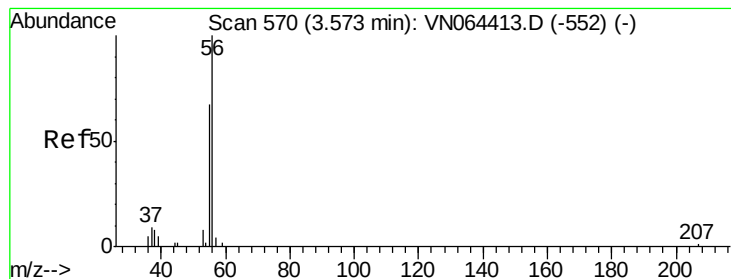
Tot Ion:142 Resp: 71185
Ion Ratio Lower Upper
142 100
127 50.8 25.4 76.2
141 15.5 7.8 23.3



#12
Methyl Acetate
Concen: 16.579 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 43 Resp: 59329
Ion Ratio Lower Upper
43 100
74 21.4 17.1 25.7





#13

Acrolein

Concen: 0.406 ug/l

RT: 3.63 min Scan# 588

Delta R.T. 0.06 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

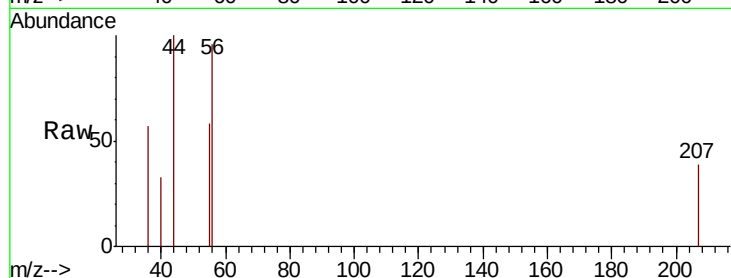
VSTDICCC020

Tot Ion: 56 Resp: 107

Ion Ratio Lower Upper

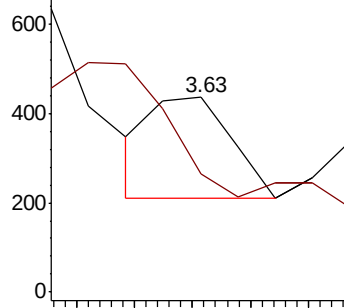
56 100

55 17875.7 52.5 78.7#

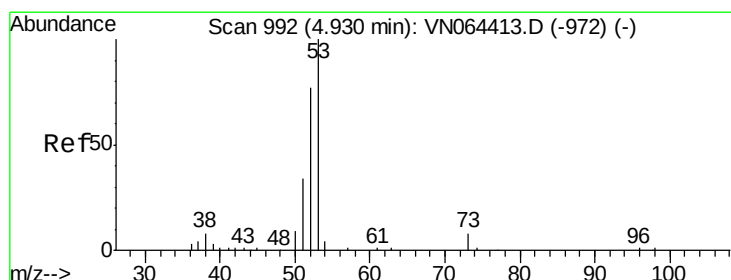
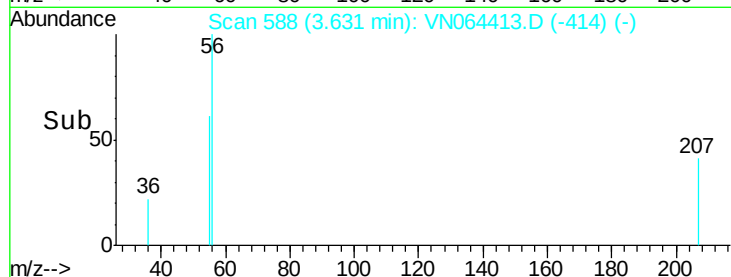


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Acrylonitrile

Concen: 83.589 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

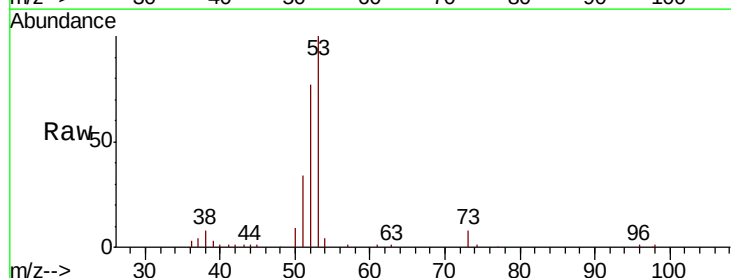
Tgt Ion: 53 Resp: 130822

Ion Ratio Lower Upper

53 100

52 82.2 41.1 123.3

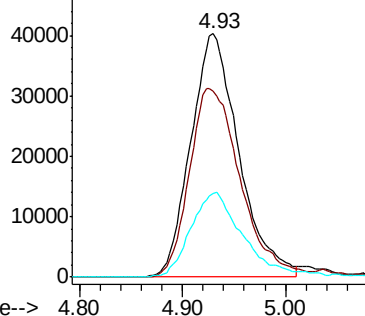
51 35.5 17.8 53.3



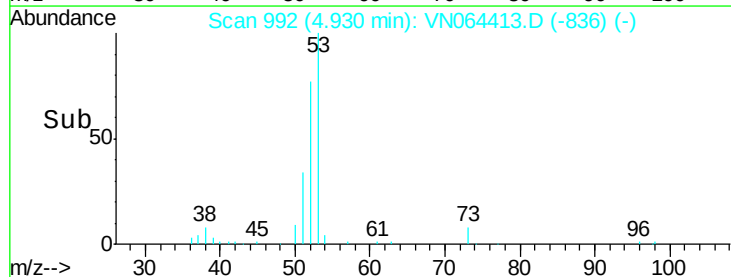
Abundance Ion 53.00 (52.70 to 53.70): VN0

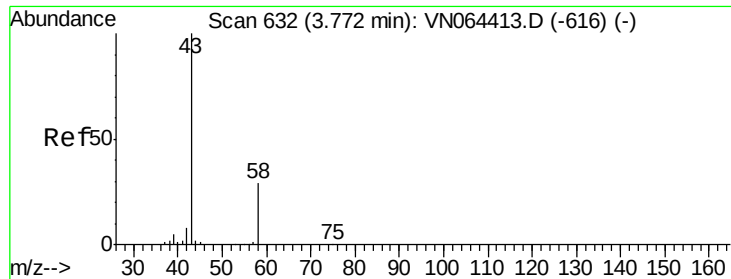
Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->





#15

Acetone

Concen: 116.305 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

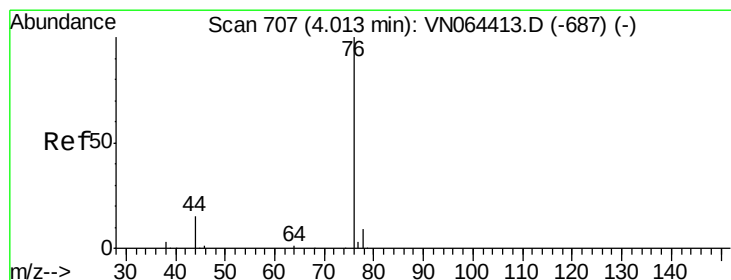
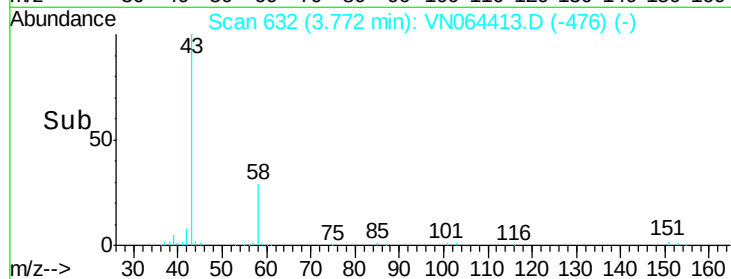
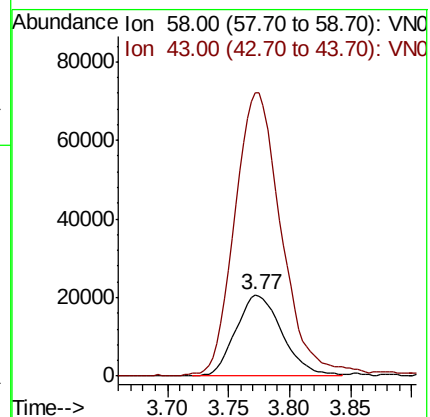
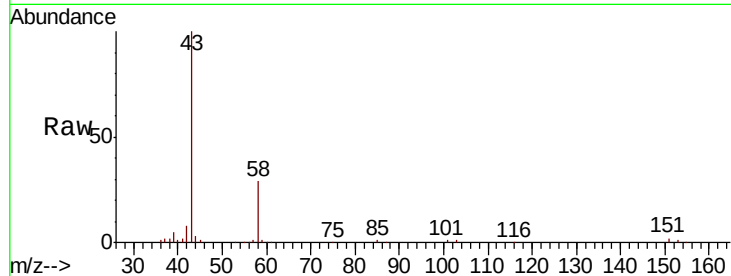
VSTDICCC020

Tot Ion: 58 Resp: 54671

Ion Ratio Lower Upper

58 100

43 345.1 276.1 414.1



#16

Carbon Disulfide

Concen: 17.360 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064413.D

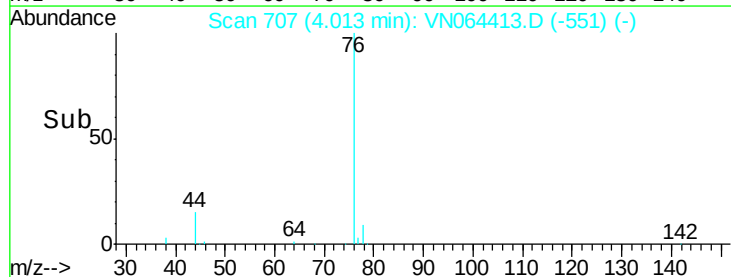
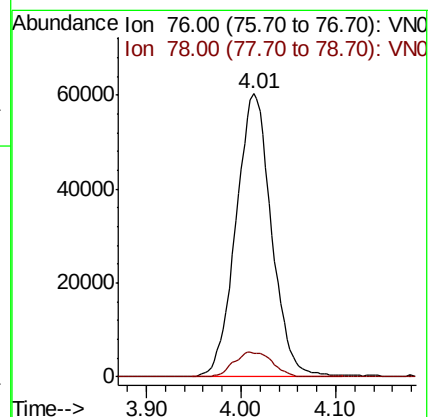
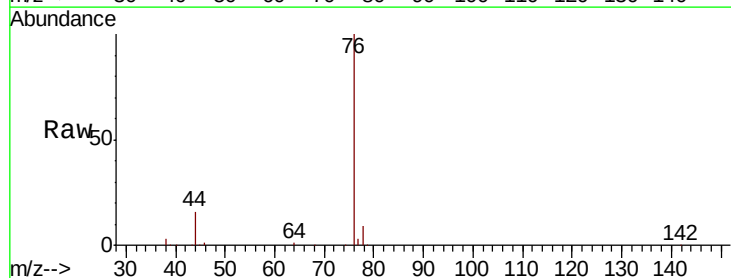
Acq: 2 Nov 2020 14:14

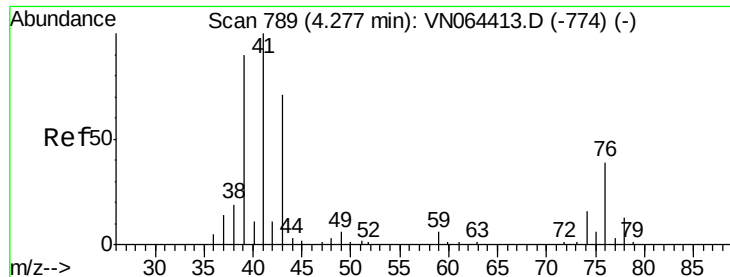
Tgt Ion: 76 Resp: 157584

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

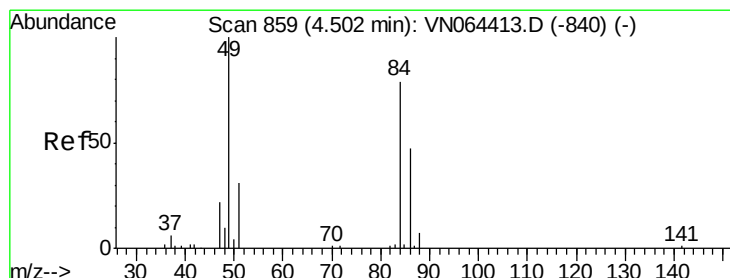
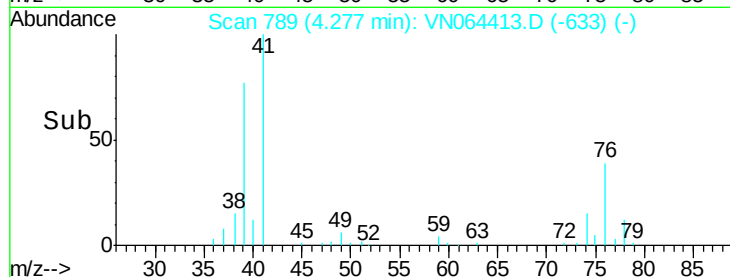
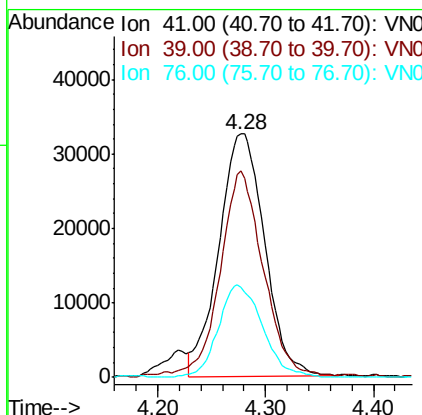
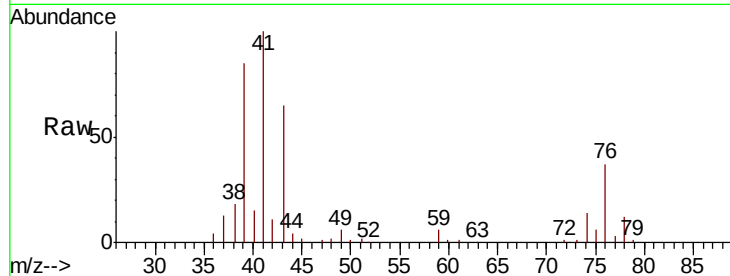




#17
Allvl chloride
Concen: 16.609 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

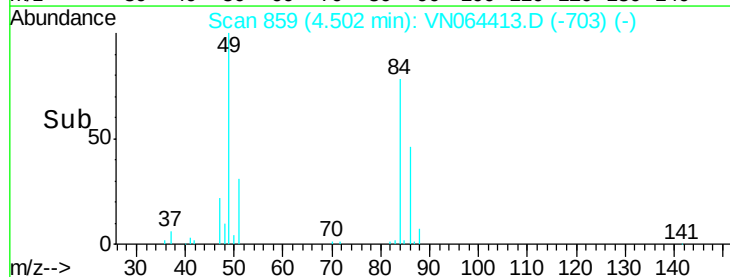
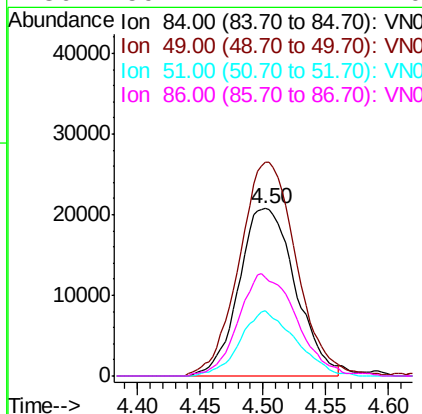
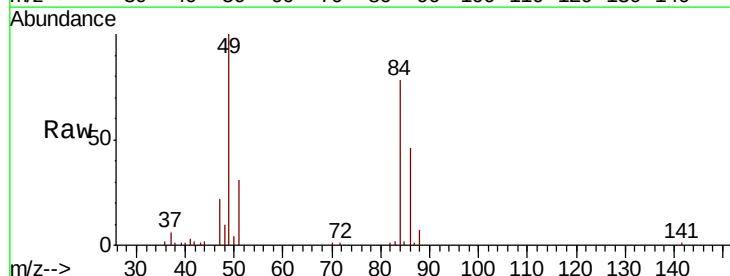
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

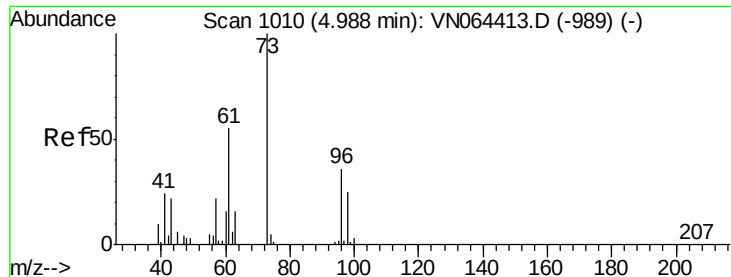
Tot Ion: 41 Resp: 95893
Ion Ratio Lower Upper
41 100
39 84.5 42.3 126.8
76 37.2 18.6 55.8



#18
Methylene Chloride
Concen: 18.578 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 84 Resp: 64989
Ion Ratio Lower Upper
84 100
49 126.2 101.0 151.4
51 39.0 31.2 46.8
86 59.2 47.4 71.0

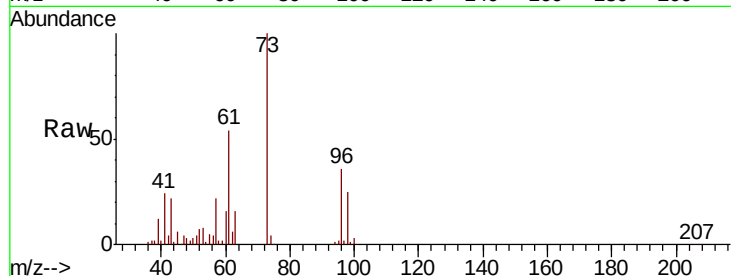




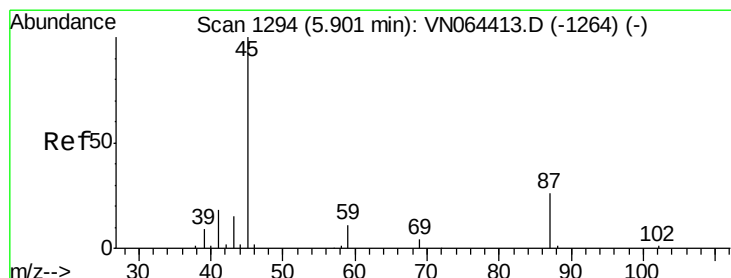
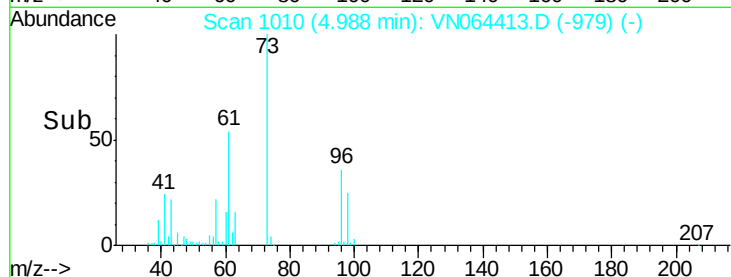
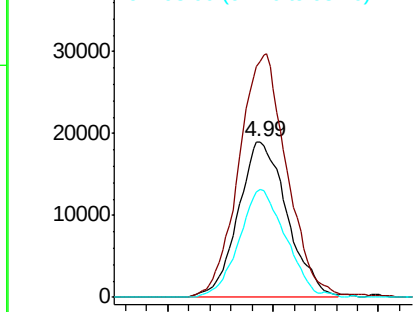
#19
trans-1,2-Dichloroethene
Concen: 18.205 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 96 Resp: 61213
Ion Ratio Lower Upper
96 100
61 151.7 121.4 182.0
98 69.4 55.5 83.3

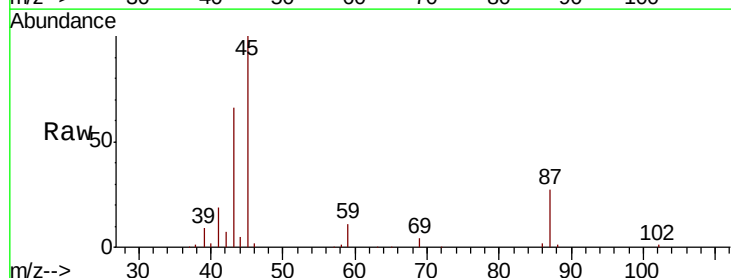


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

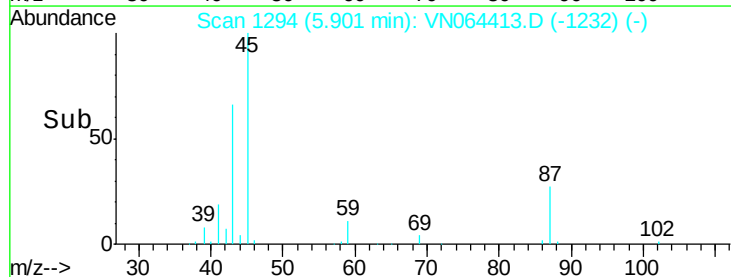
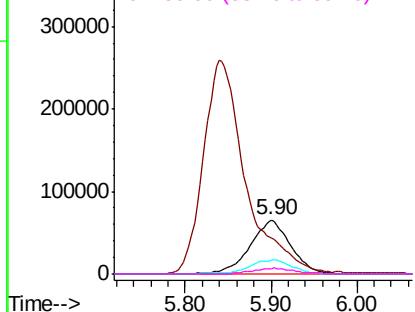


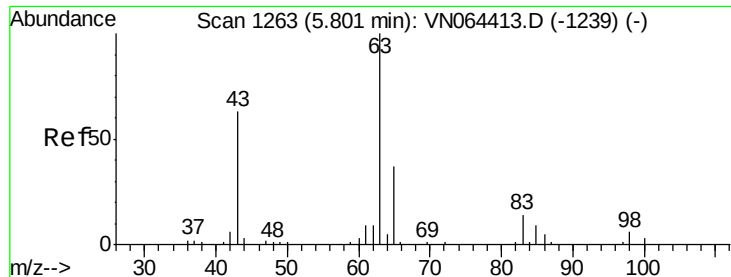
#20
Diisopropyl ether
Concen: 18.179 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 45 Resp: 213879
Ion Ratio Lower Upper
45 100
43 62.0 49.6 74.4
87 26.3 21.0 31.6
59 10.5 8.4 12.6



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

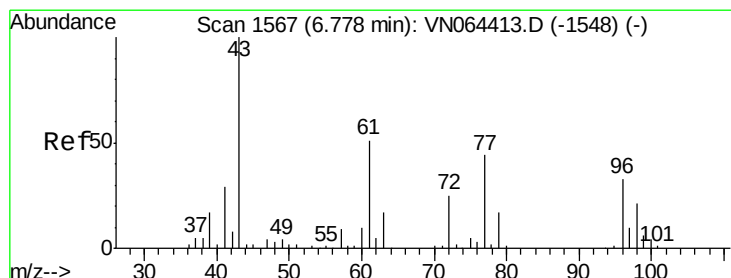
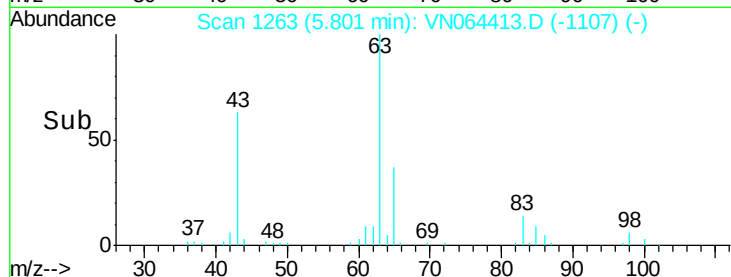
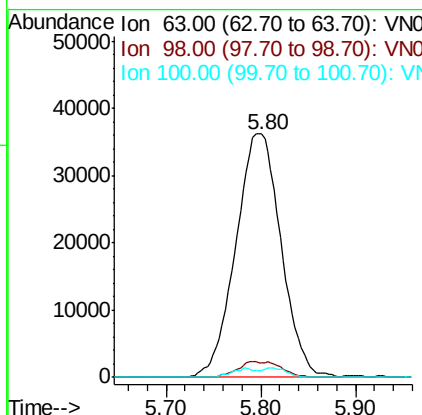
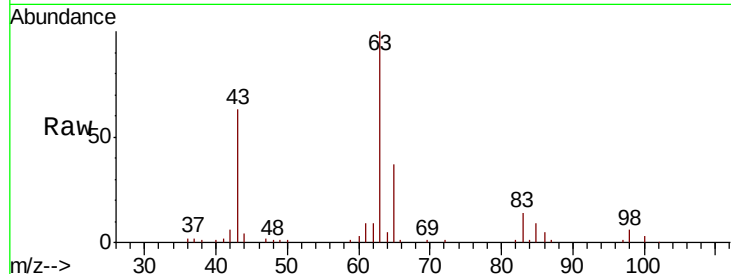




#21
 1,1-Dichloroethane
 Concen: 18.226 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

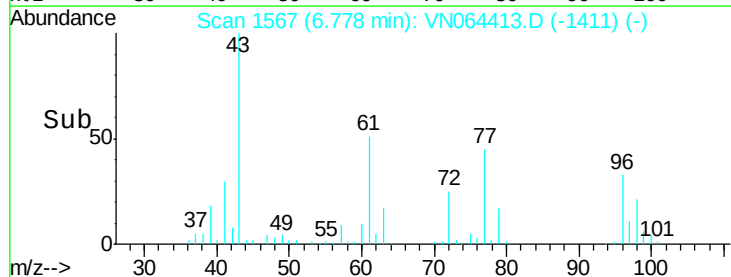
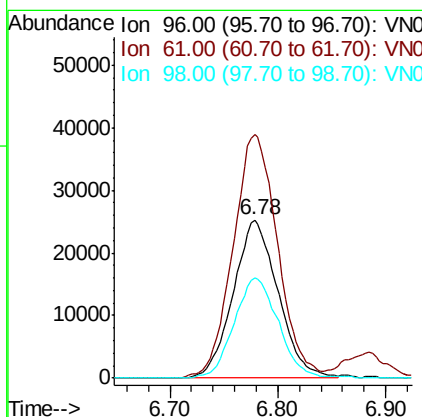
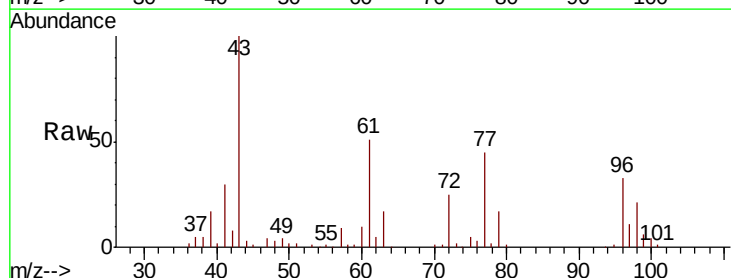
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

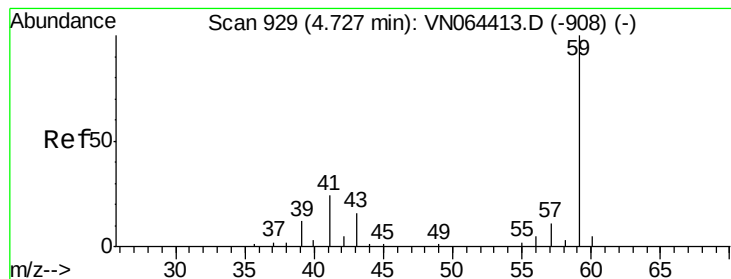
Tot Ion: 63 Resp: 120251
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.0 1.5 4.5



#22
 cis-1,2-Dichloroethene
 Concen: 18.860 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 96 Resp: 73011
 Ion Ratio Lower Upper
 96 100
 61 152.9 122.3 183.5
 98 62.0 49.6 74.4





#23

tert-Butyl Alcohol

Concen: 73.891 ug/l

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

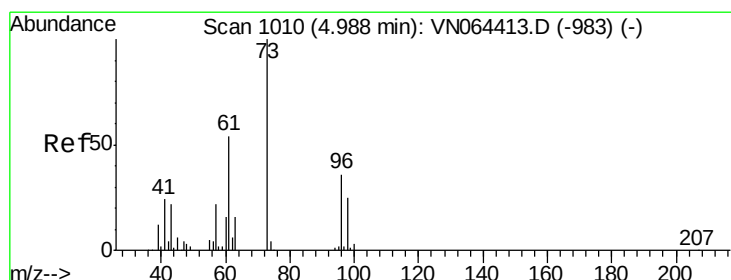
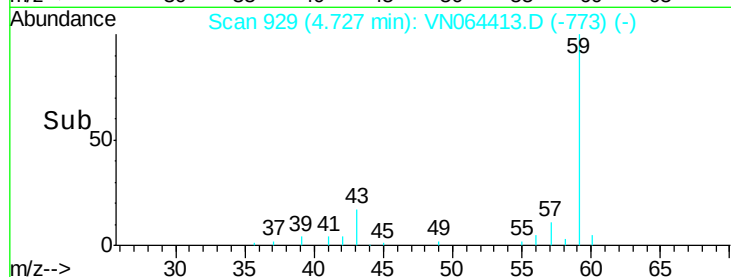
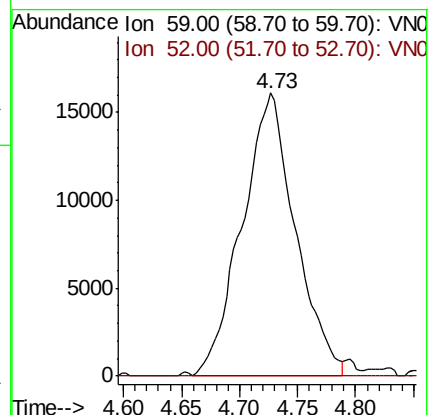
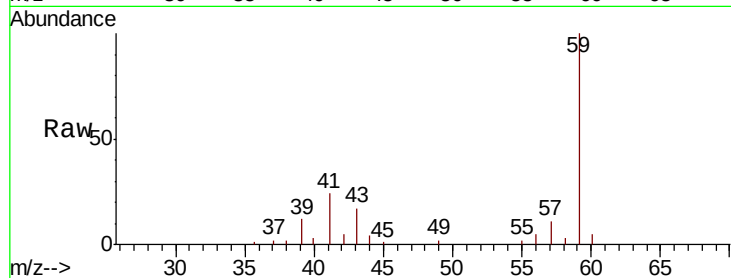
VSTDICCC020

Tot Ion: 59 Resp: 51700

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 17.517 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064413.D

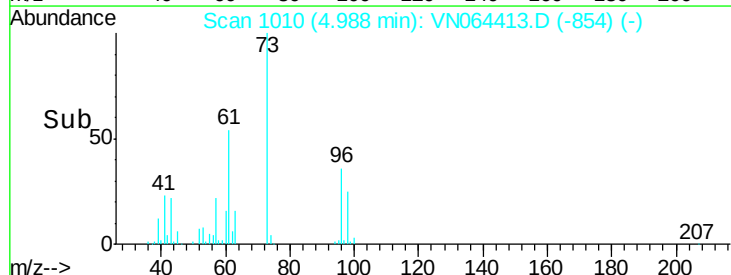
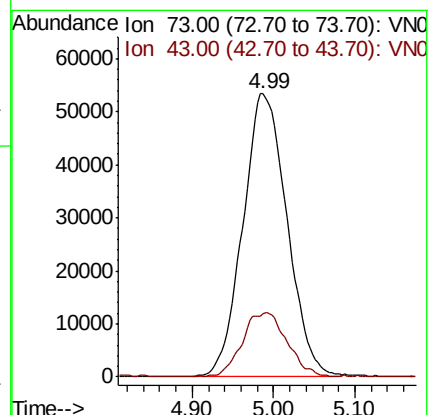
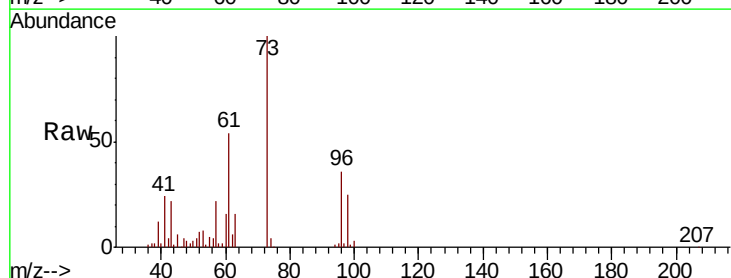
Acq: 2 Nov 2020 14:14

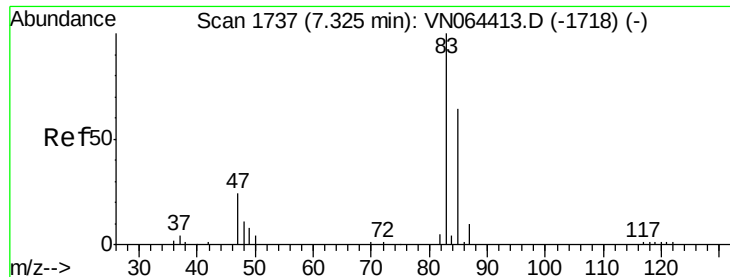
Tgt Ion: 73 Resp: 200668

Ion Ratio Lower Upper

73 100

43 8.5 6.8 10.2

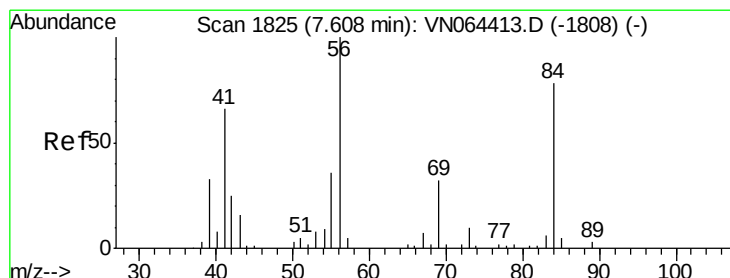
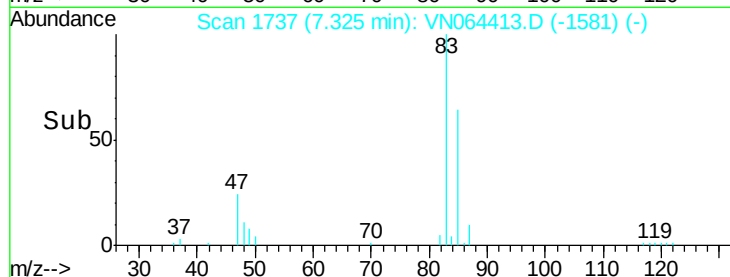
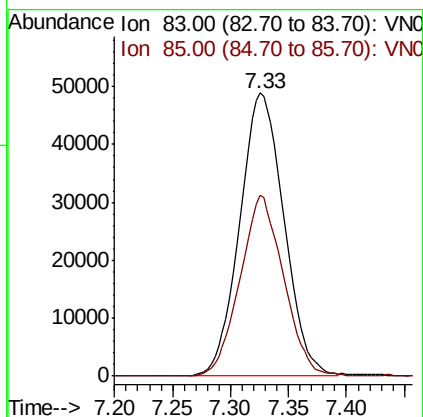
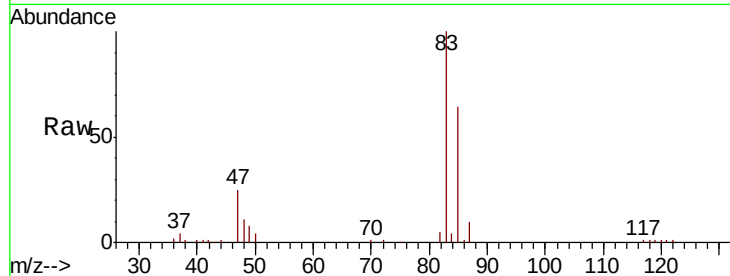




#25
Chloroform
Concen: 18.977 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

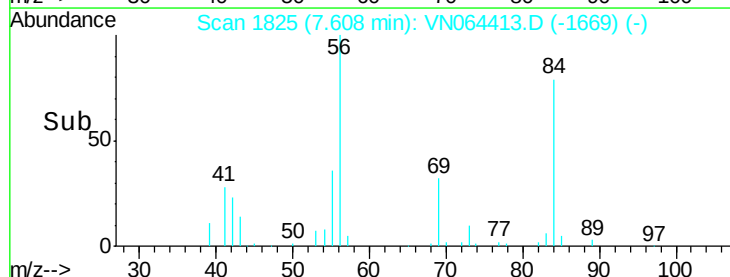
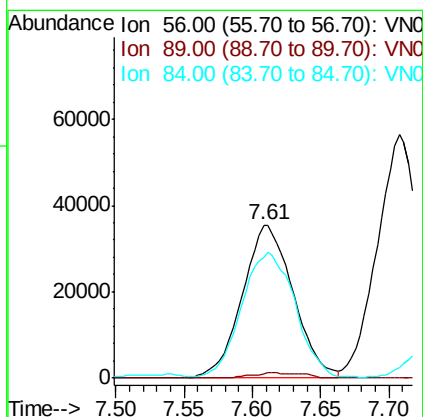
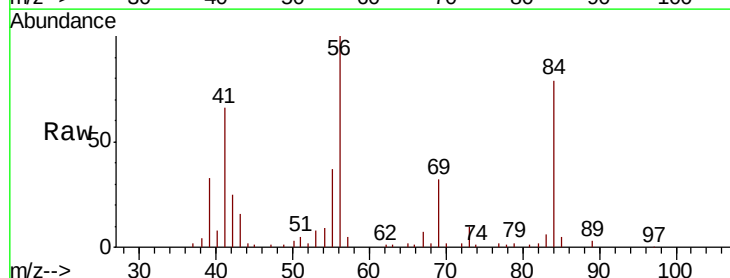
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

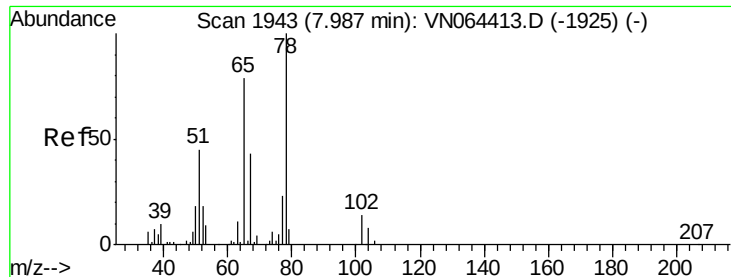
Tot Ion: 83 Resp: 129926
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4



#26
Cyclohexane
Concen: 17.146 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 56 Resp: 92006
Ion Ratio Lower Upper
56 100
89 2.9 2.3 3.5
84 86.7 69.4 104.0

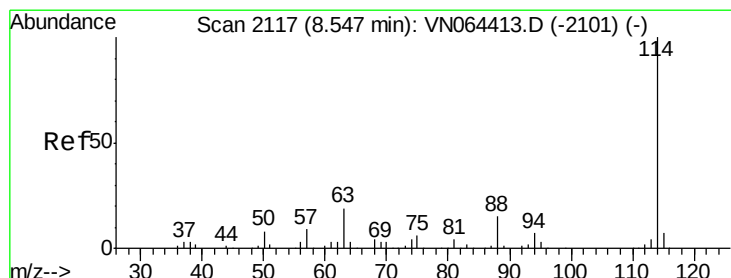
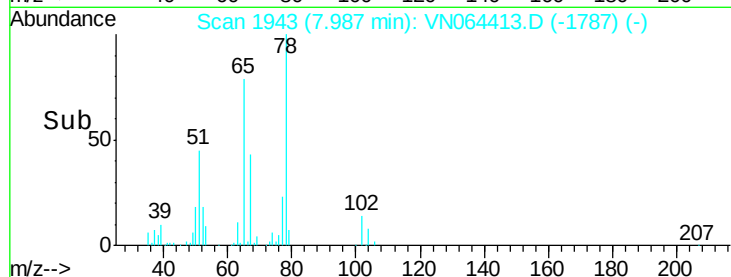
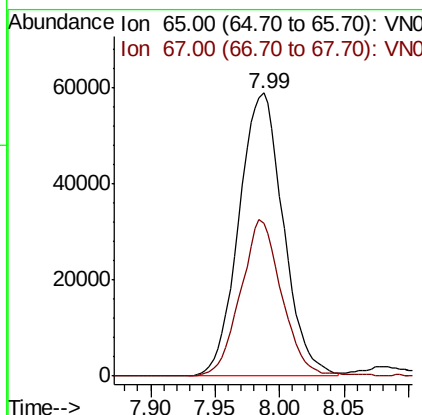
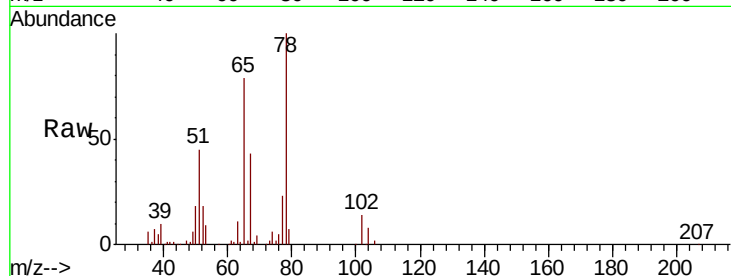




#27
 1,2-Dichloroethane-d4
 Concen: 29.096 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

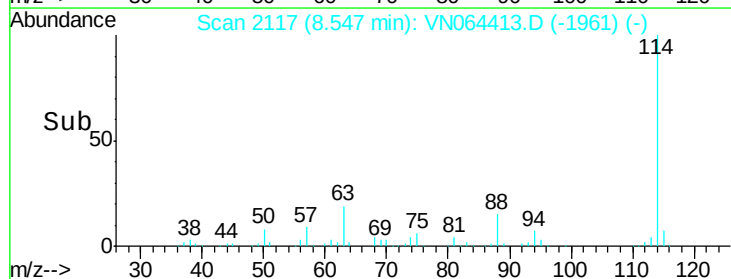
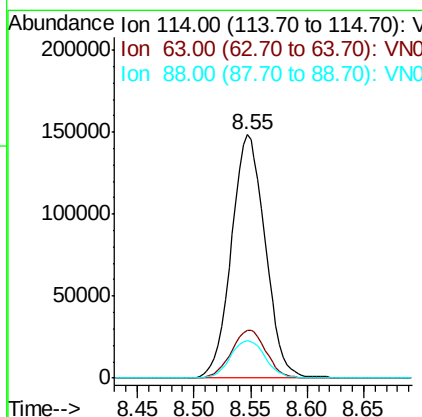
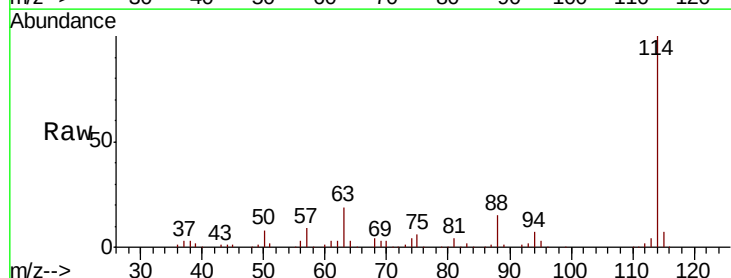
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

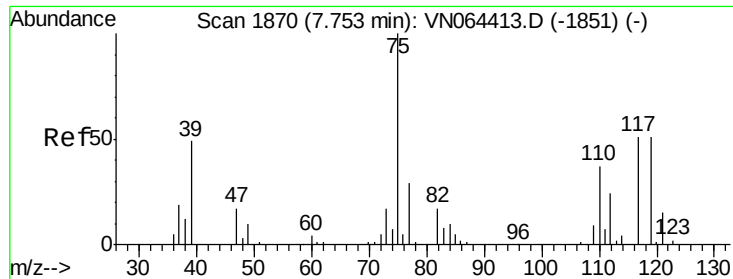
Tot Ion: 65 Resp: 141189
 Ion Ratio Lower Upper
 65 100
 67 50.8 40.6 61.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 114 Resp: 308656
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.2 24.4
 88 15.8 12.6 19.0

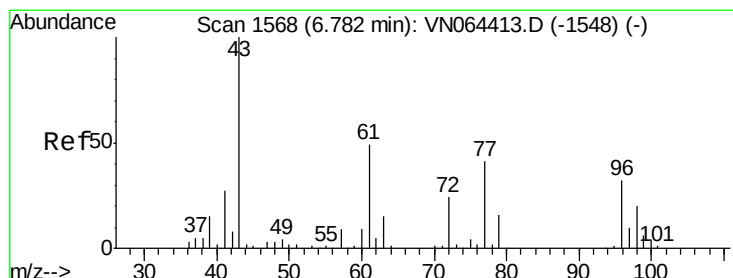
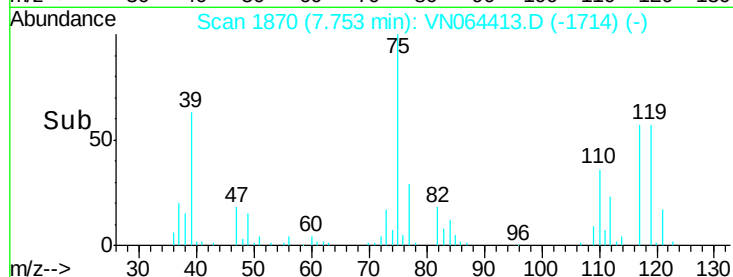
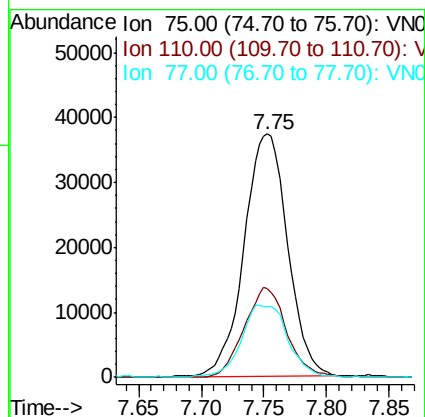
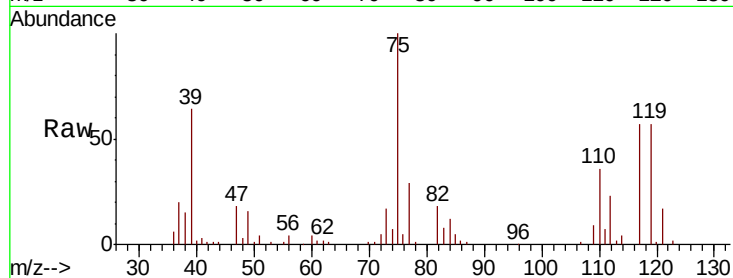




#29
 1,1-Dichloropropene
 Concen: 17.256 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

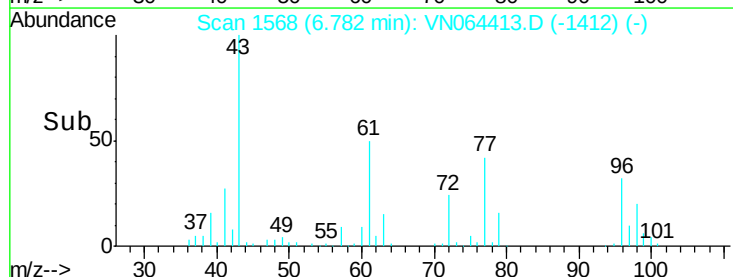
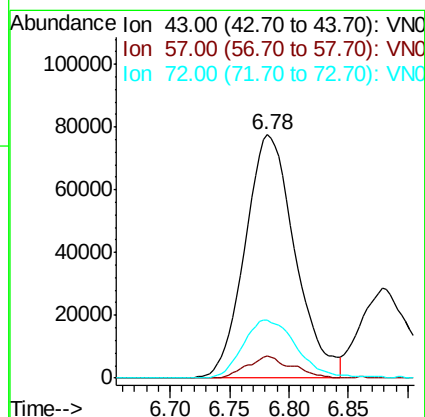
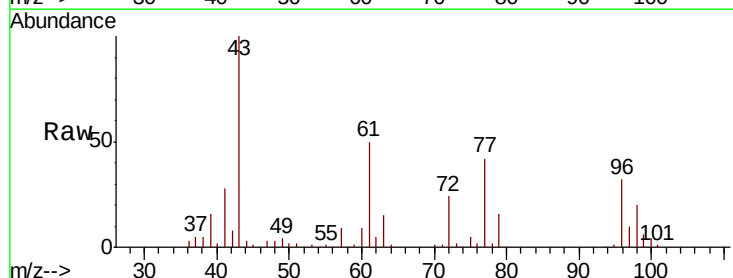
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

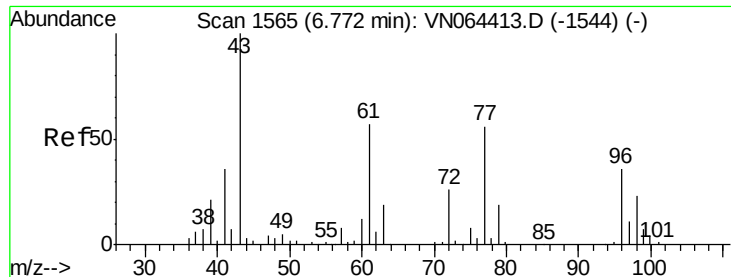
Tot Ion: 75 Resp: 90280
 Ion Ratio Lower Upper
 75 100
 110 35.9 0.0 71.8
 77 16.2 0.0 32.4



#30
 2-Butanone
 Concen: 91.014 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 43 Resp: 225842
 Ion Ratio Lower Upper
 43 100
 57 8.2 6.6 9.8
 72 25.0 20.0 30.0

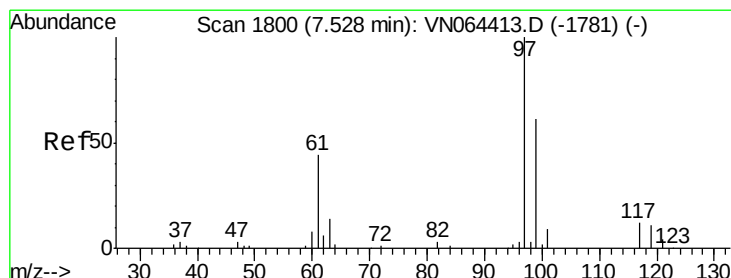
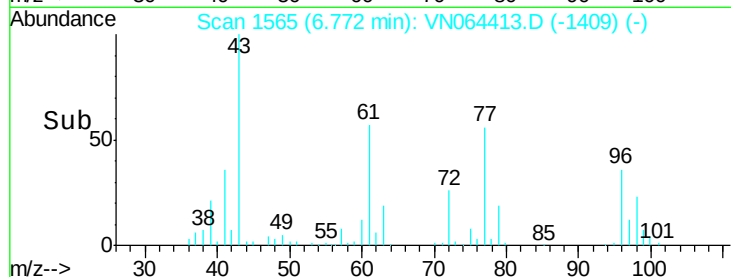
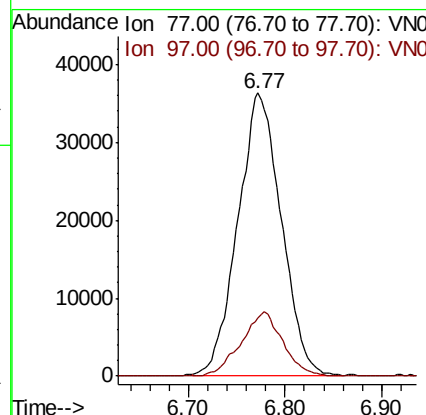
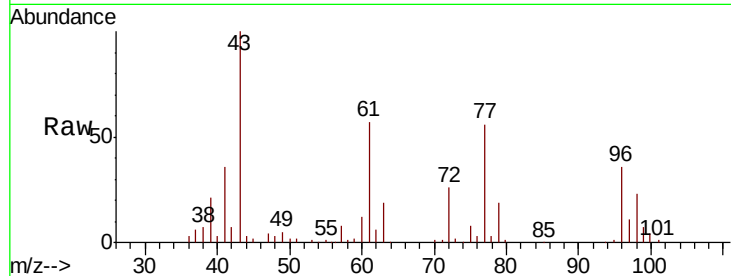




#31
 2,2-Dichloropropane
 Concen: 17.982 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

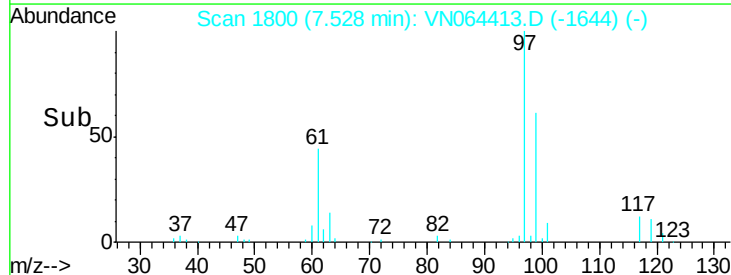
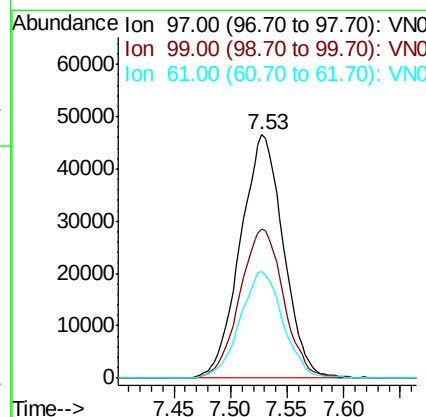
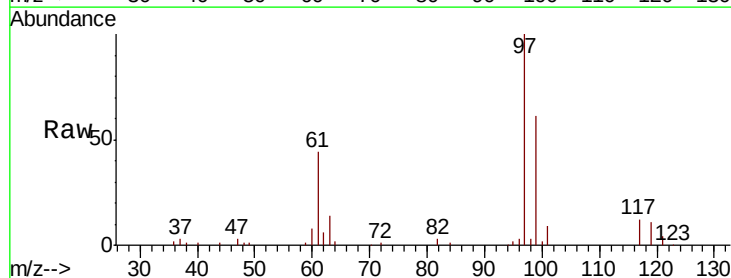
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

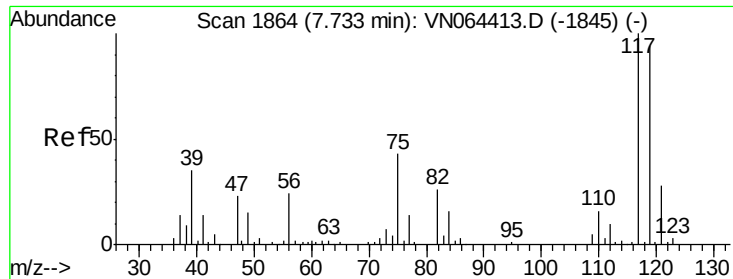
Tot Ion: 77 Resp: 113489
 Ion Ratio Lower Upper
 77 100
 97 21.7 17.4 26.0



#32
 1,1,1-Trichloroethane
 Concen: 18.573 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 97 Resp: 123109
 Ion Ratio Lower Upper
 97 100
 99 62.3 49.8 74.8
 61 43.6 34.9 52.3

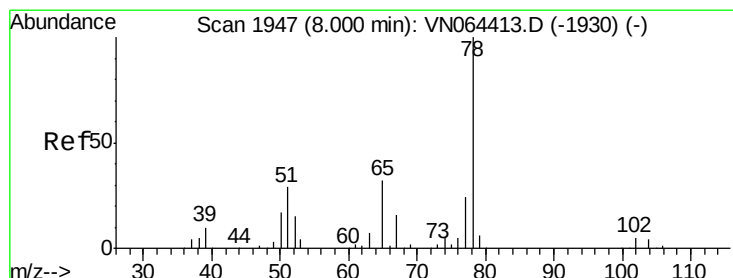
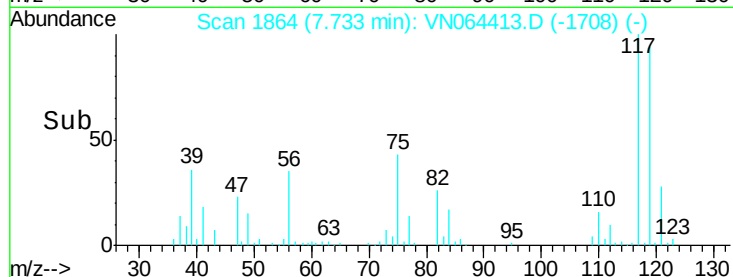
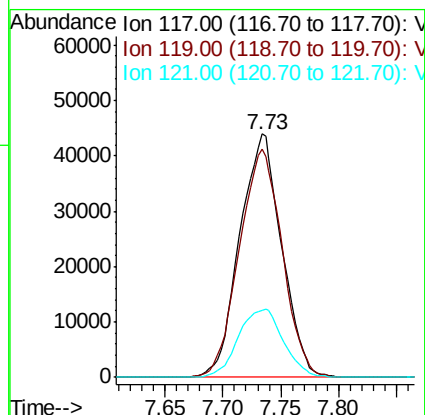
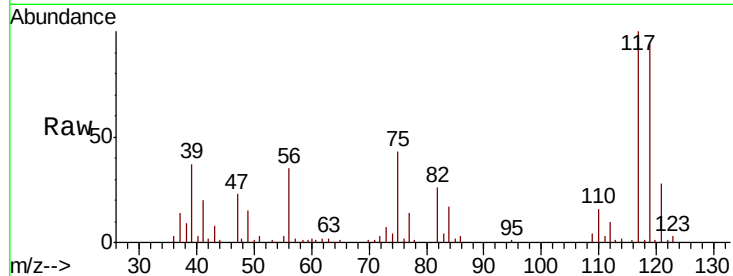




#33
Carbon Tetrachloride
Concen: 18.243 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

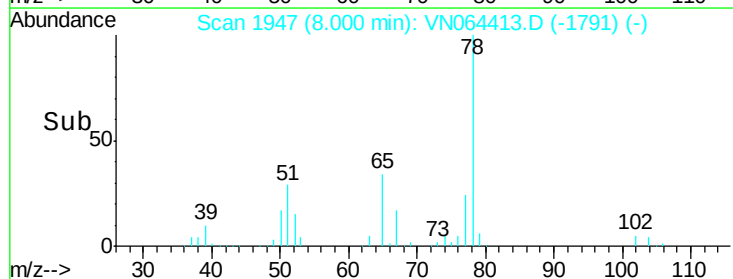
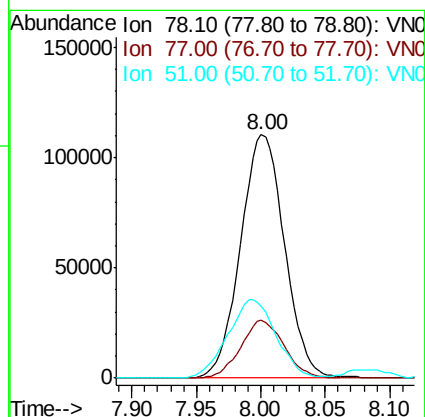
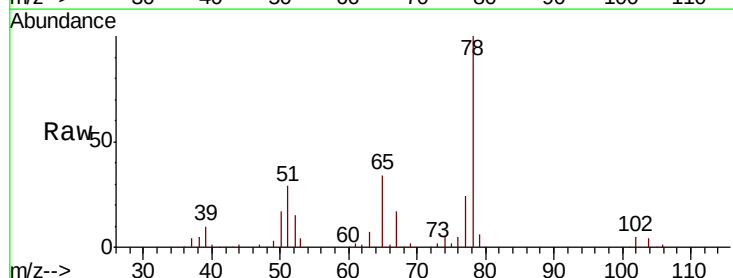
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

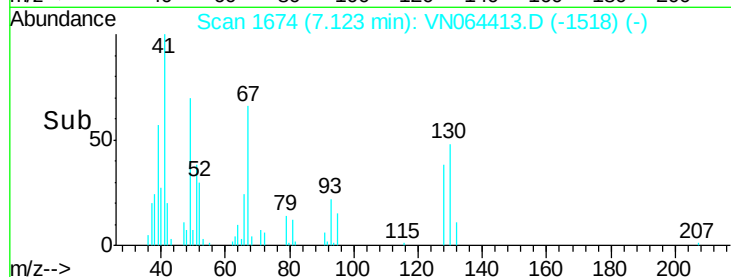
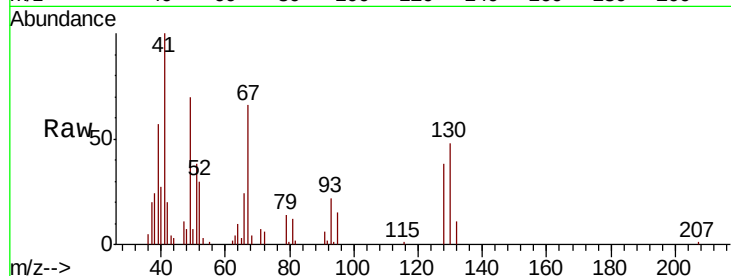
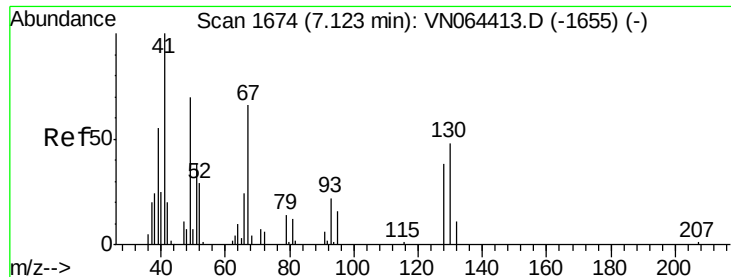
Tot Ion:117 Resp: 110399
Ion Ratio Lower Upper
117 100
119 93.7 75.0 112.4
121 27.6 22.1 33.1



#34
Benzene
Concen: 18.473 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 78 Resp: 262564
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 28.9 23.1 34.7

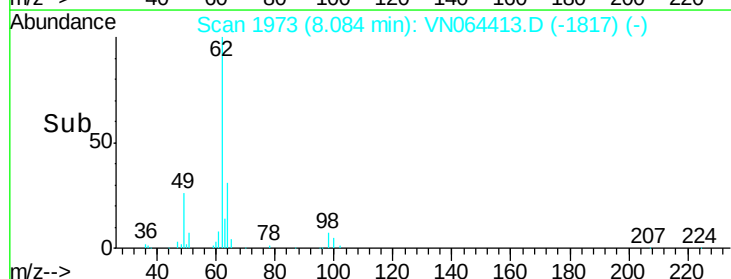
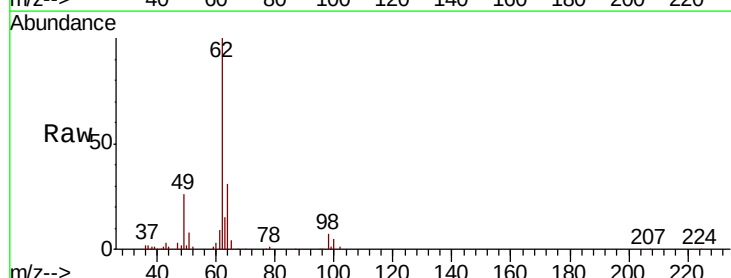
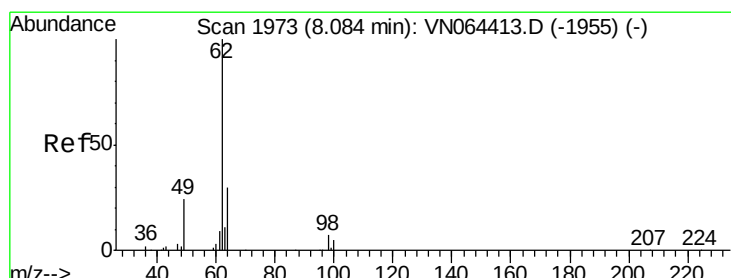
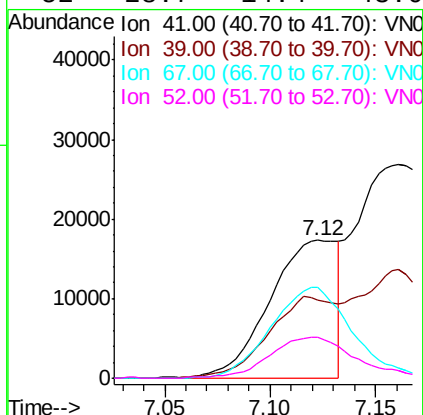




#35
Methacrylonitrile
Concen: 15.271 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

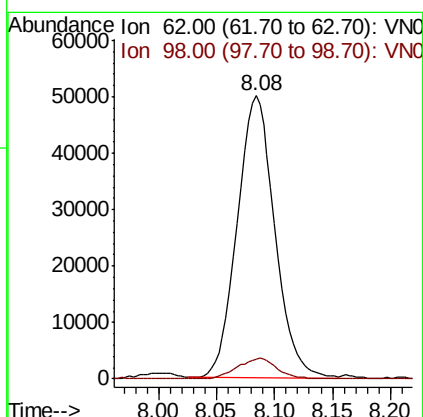
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

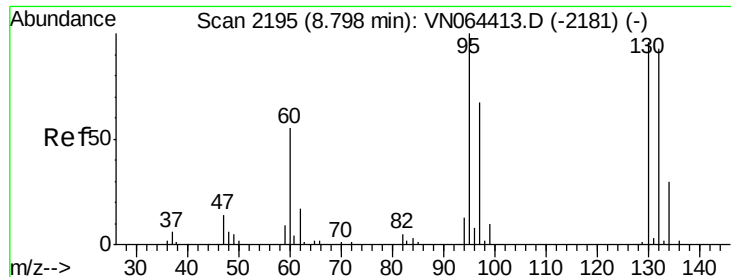
Tot Ion:	41	Resp:	38550
Ion	Ratio	Lower	Upper
41	100		
39	55.5	27.8	83.3
67	65.7	32.9	98.6
52	28.7	14.4	43.0



#36
1,2-Dichloroethane
Concen: 18.101 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion:	62	Resp:	112833
Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.2	9.2

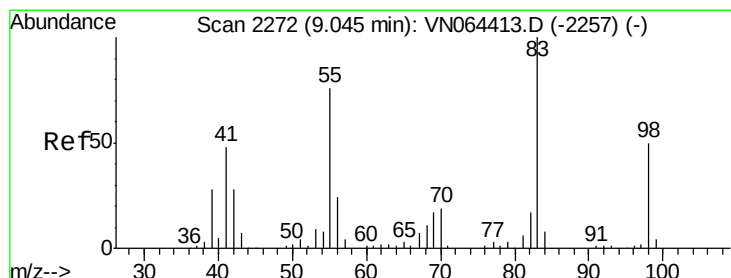
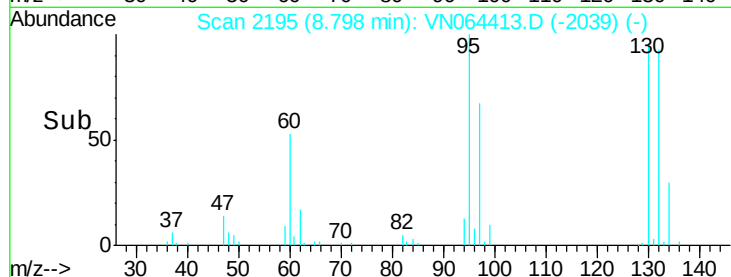
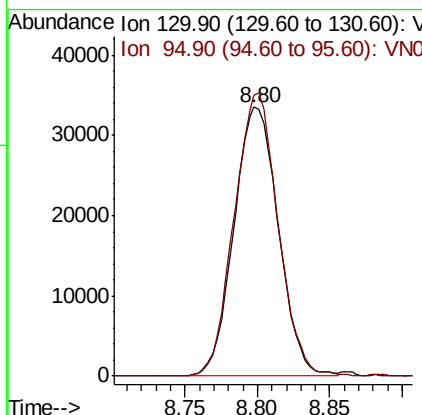
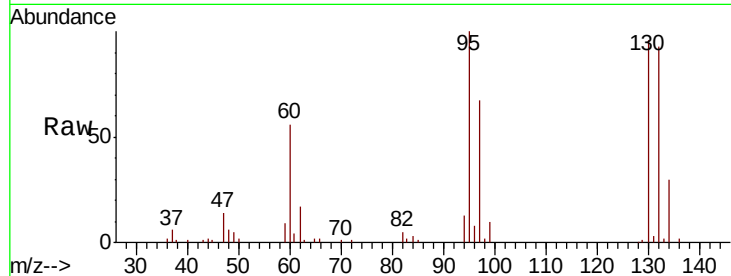




#37
 Trichloroethene
 Concen: 18.402 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

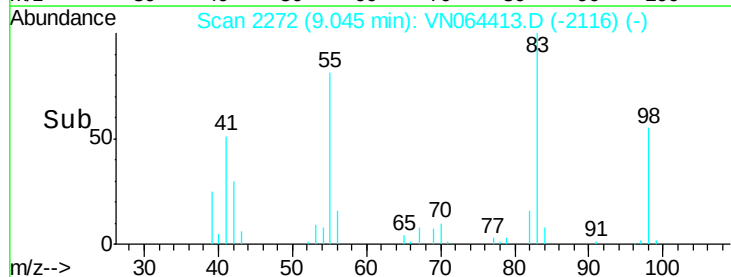
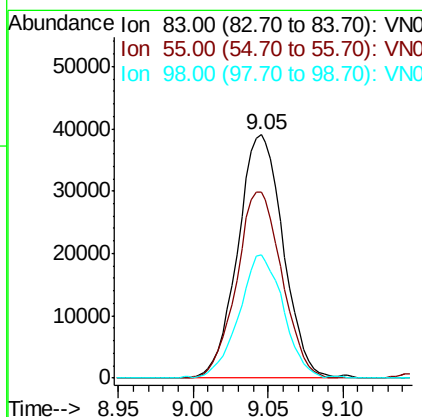
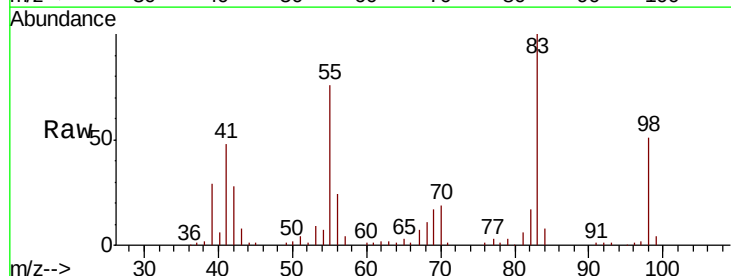
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

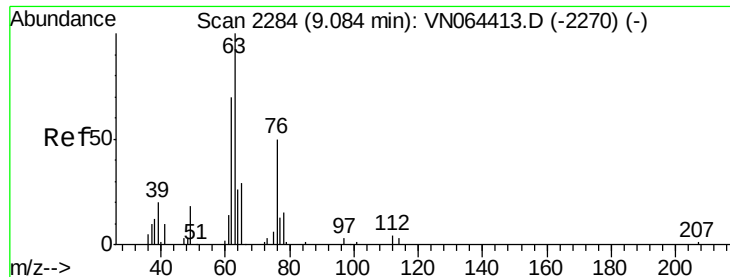
Tot Ion:130 Resp: 71567
 Ion Ratio Lower Upper
 130 100
 95 104.5 83.6 125.4



#38
 Methylcyclohexane
 Concen: 16.338 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 83 Resp: 82292
 Ion Ratio Lower Upper
 83 100
 55 76.6 38.3 114.9
 98 49.3 24.6 74.0

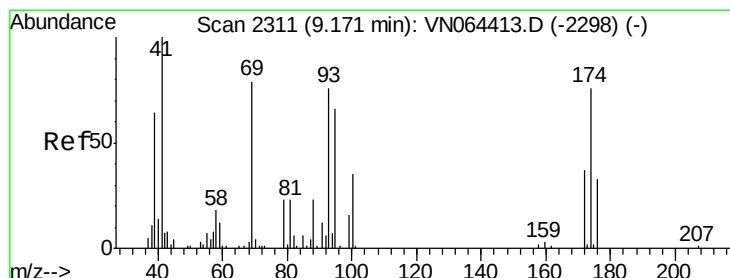
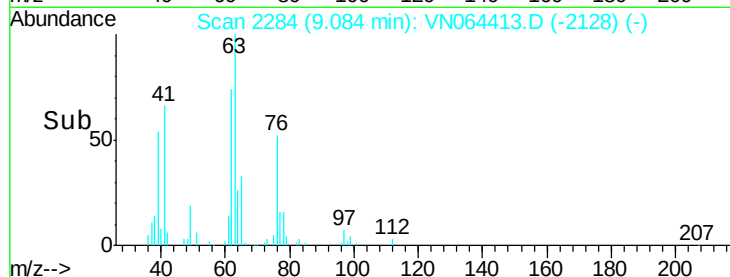
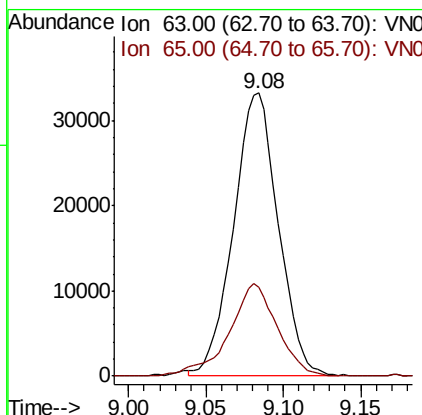
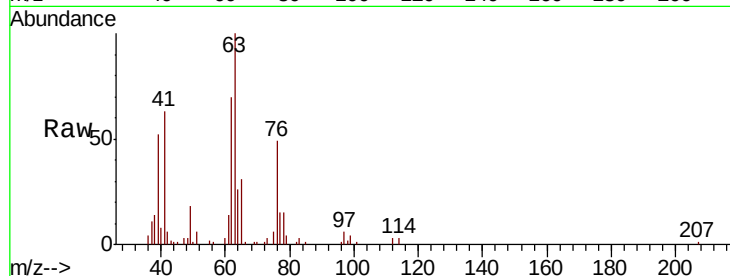




#39
 1,2-Dichloropropane
 Concen: 17.748 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

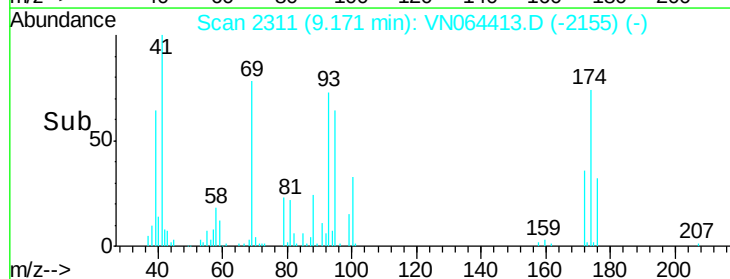
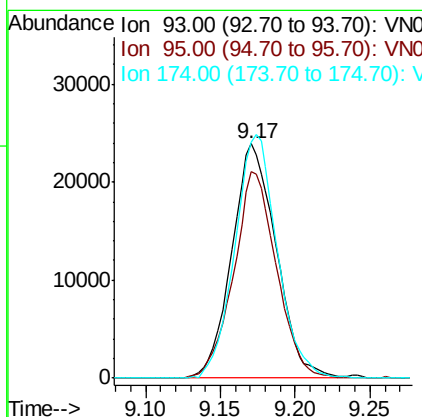
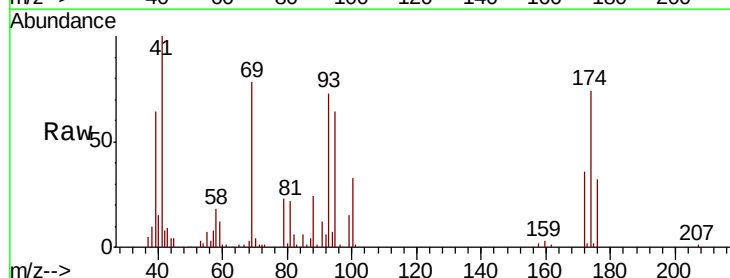
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

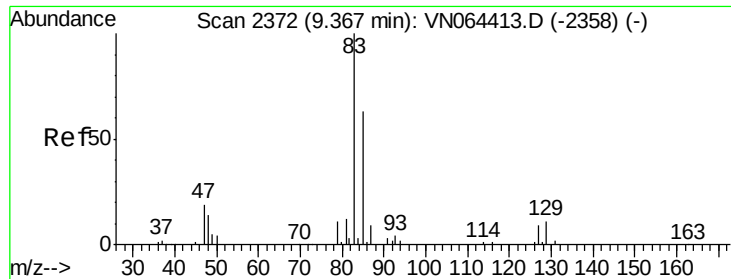
Tot Ion: 63 Resp: 66983
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#40
 Dibromomethane
 Concen: 18.537 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 93 Resp: 49230
 Ion Ratio Lower Upper
 93 100
 95 85.0 0.0 170.0
 174 99.9 0.0 199.8





#41

Bromodichloromethane

Concen: 18.269 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

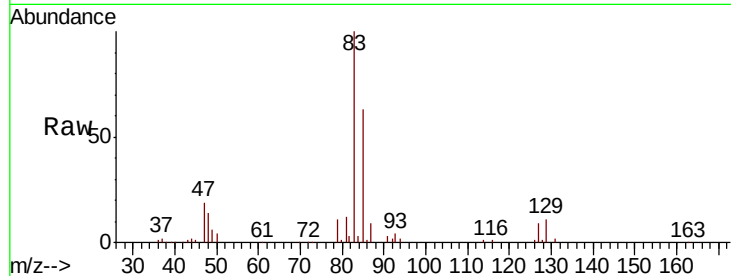
Tot Ion: 83 Resp: 104607

Ion Ratio Lower Upper

83 100

85 63.1 50.5 75.7

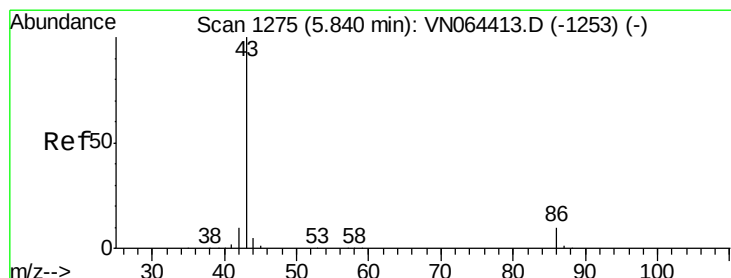
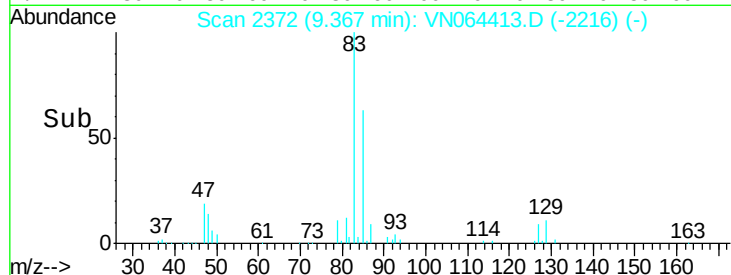
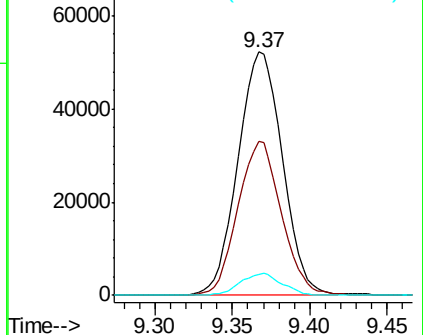
127 8.8 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VN064413.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN064413.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN064413.D (-2358) (-)



#42

Vinyl Acetate

Concen: 84.896 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN064413.D

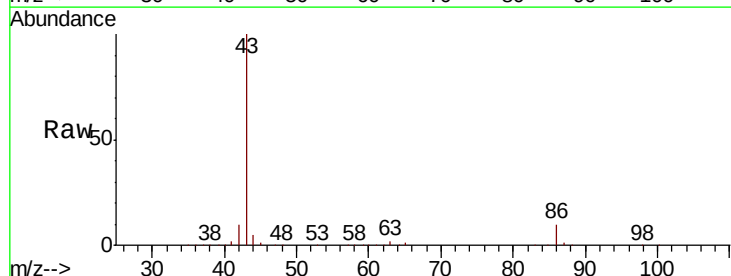
Acq: 2 Nov 2020 14:14

Tgt Ion: 43 Resp: 886259

Ion Ratio Lower Upper

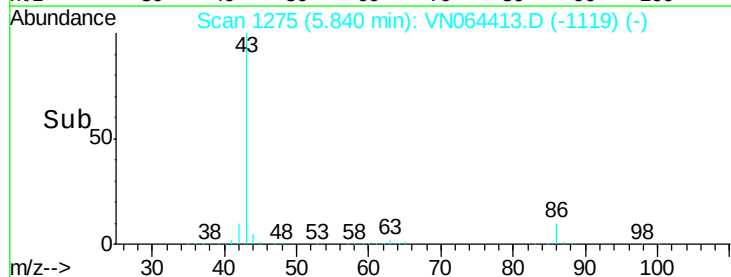
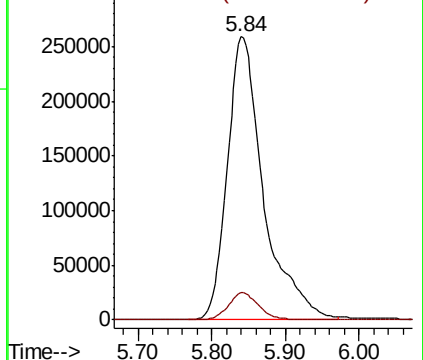
43 100

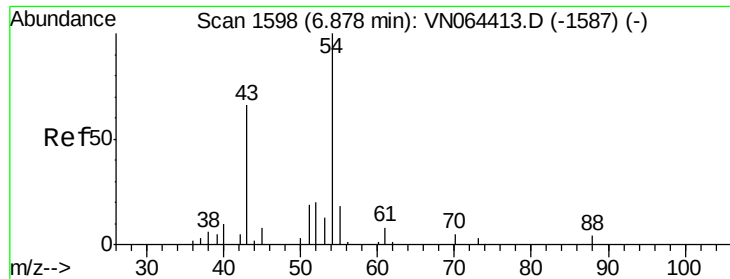
86 8.1 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN064413.D (-1253) (-)

Ion 86.00 (85.70 to 86.70): VN064413.D (-1253) (-)





#43

Ethyl Acetate

Concen: 14.905 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

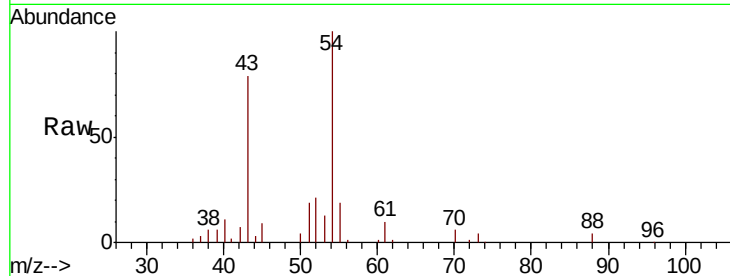
VSTDICCC020

Tot Ion: 43 Resp: 72422

Ion Ratio Lower Upper

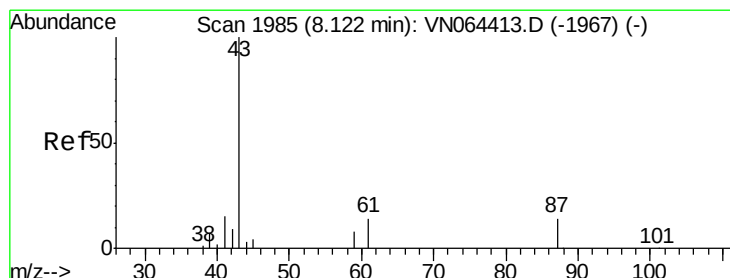
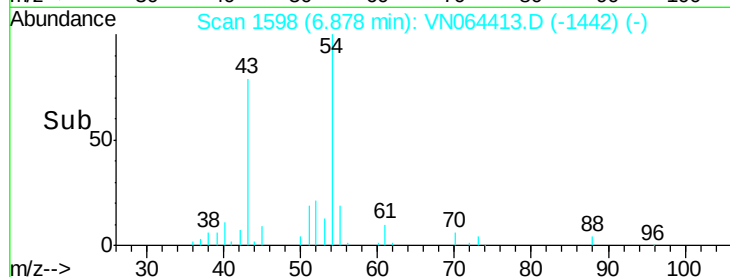
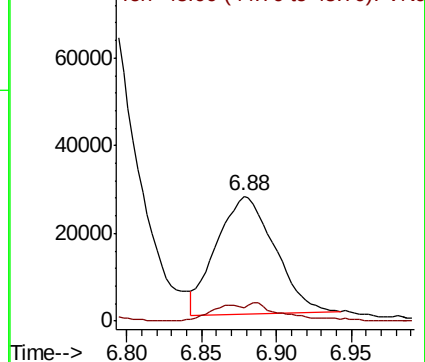
43 100

45 6.5 5.2 7.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 16.194 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN064413.D

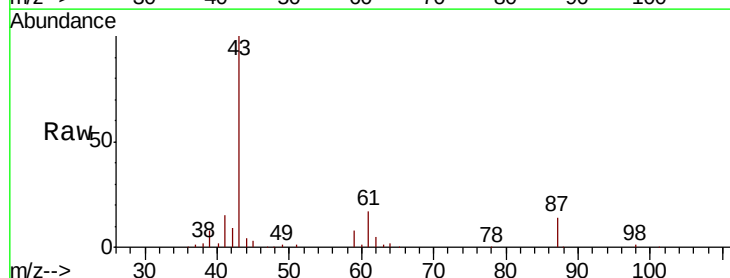
Acq: 2 Nov 2020 14:14

Tgt Ion: 43 Resp: 146698

Ion Ratio Lower Upper

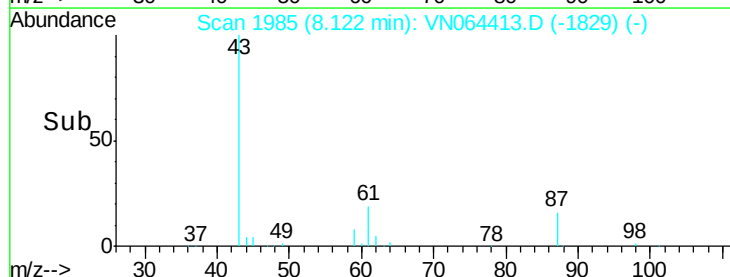
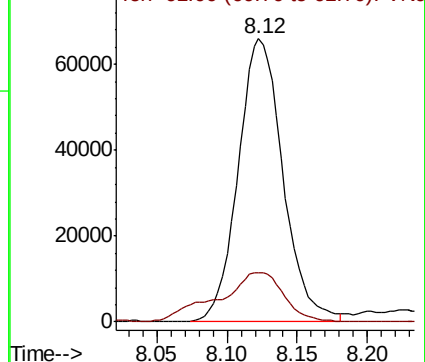
43 100

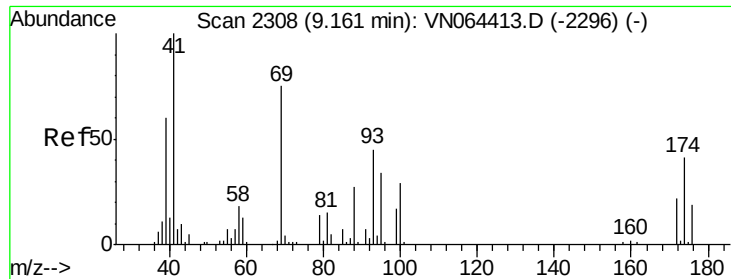
61 25.5 0.2 0.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

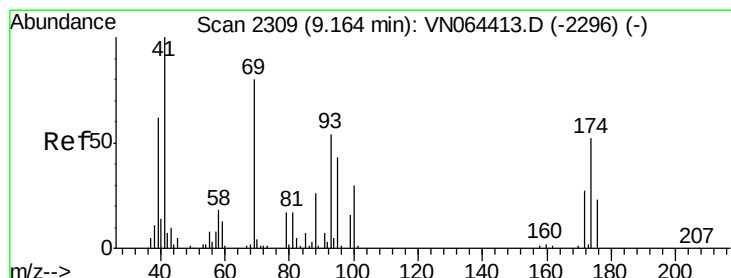
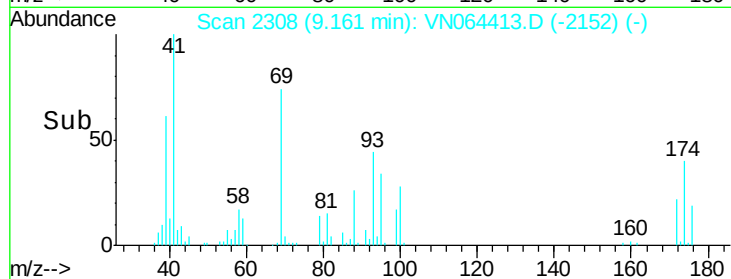
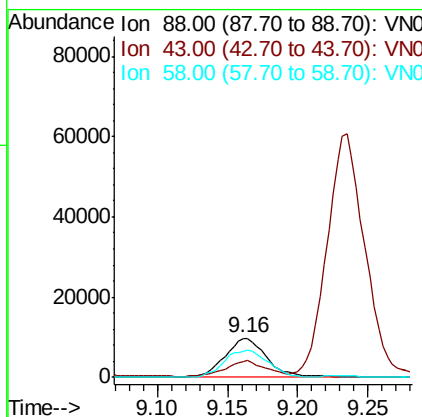
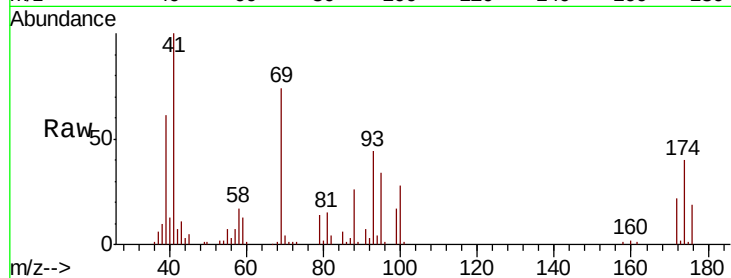




#45
 1,4-Dioxane
 Concen: 291.889 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

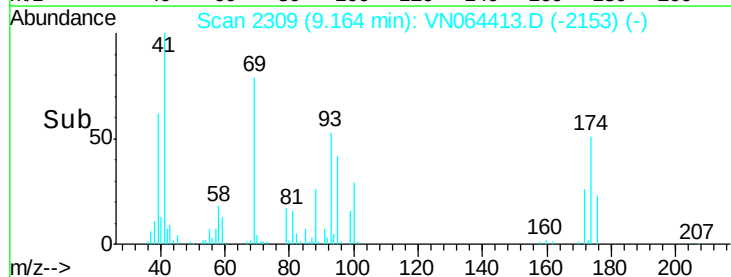
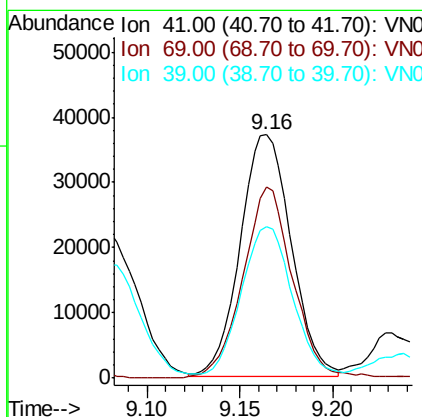
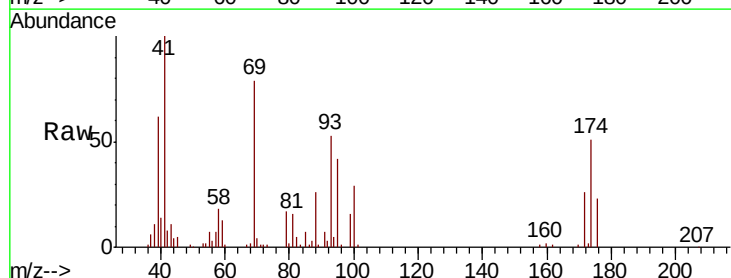
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

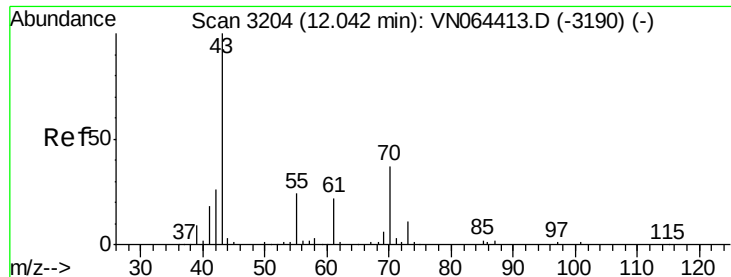
Tot Ion: 88 Resp: 20059
 Ion Ratio Lower Upper
 88 100
 43 40.0 32.0 48.0
 58 73.9 59.1 88.7



#46
 Methyl methacrylate
 Concen: 16.189 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 41 Resp: 71436
 Ion Ratio Lower Upper
 41 100
 69 79.6 39.8 119.4
 39 61.0 30.5 91.5





#47

n-amvl Acetate

Concen: 15.785 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

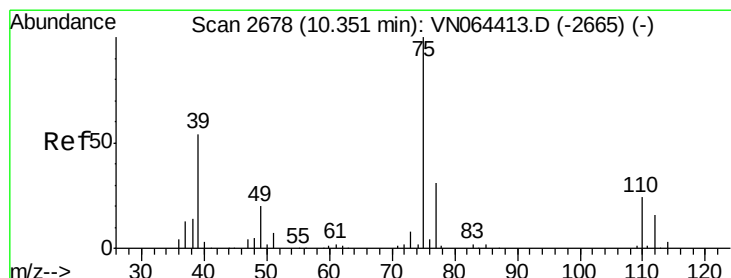
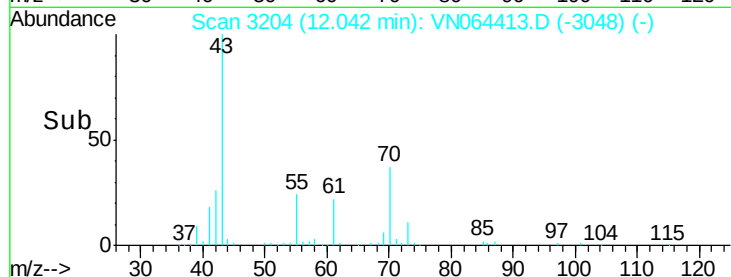
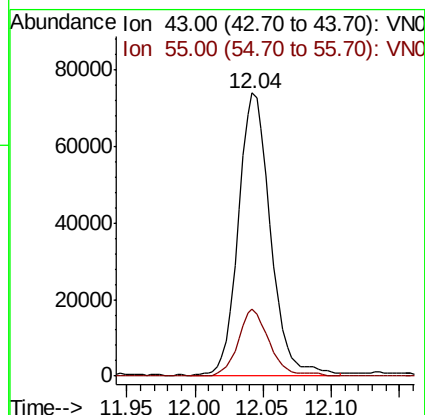
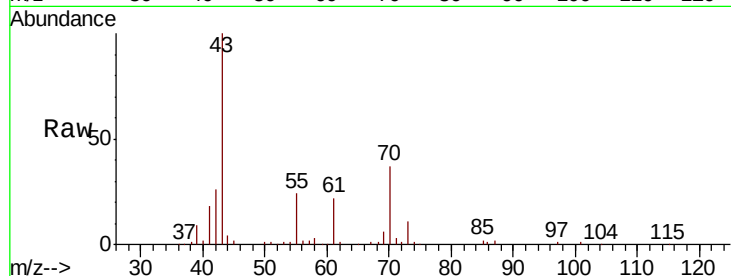
VSTDICCC020

Tot Ion: 43 Resp: 120384

Ion Ratio Lower Upper

43 100

55 22.6 18.1 27.1



#48

t-1,3-Dichloropropene

Concen: 17.159 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064413.D

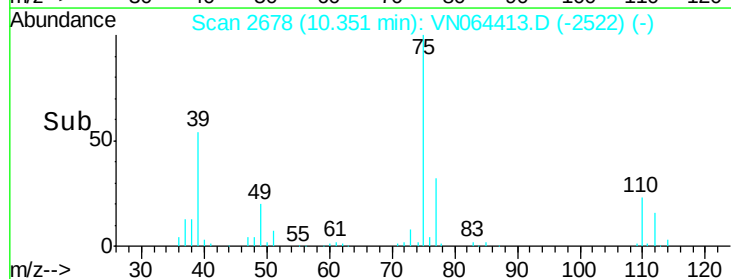
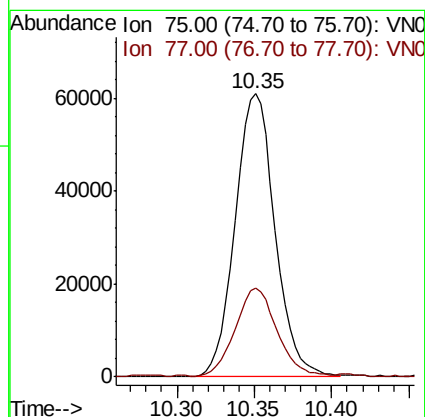
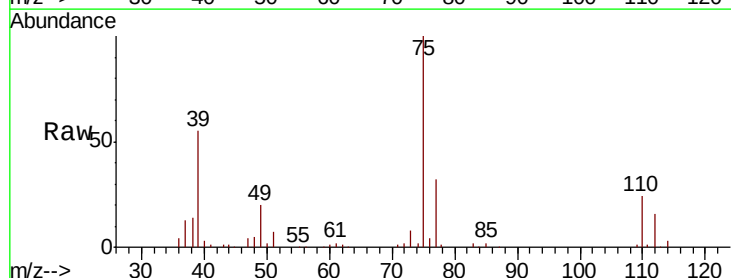
Acq: 2 Nov 2020 14:14

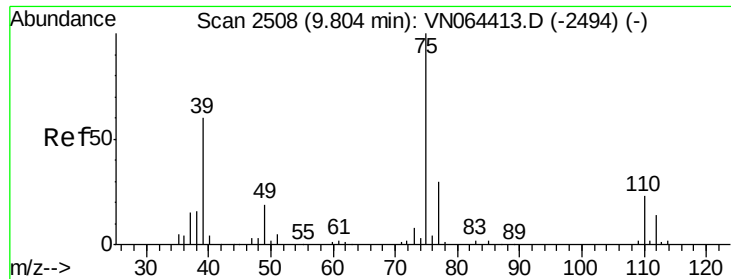
Tgt Ion: 75 Resp: 109071

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3





#49

cis-1,3-Dichloropropene

Concen: 17.607 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

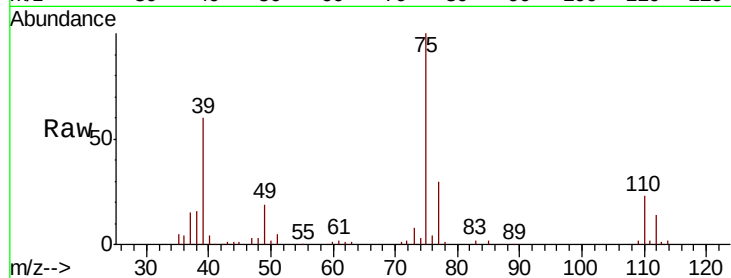
Tot Ion: 75 Resp: 115448

Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5

39 60.0 48.0 72.0

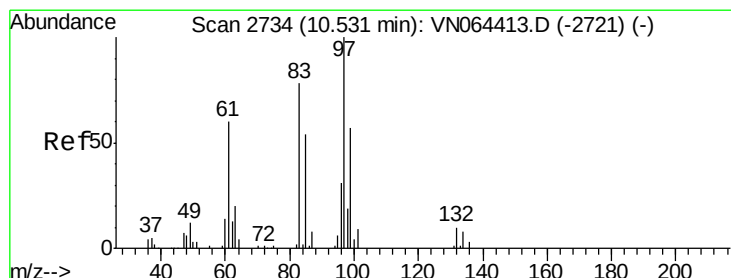
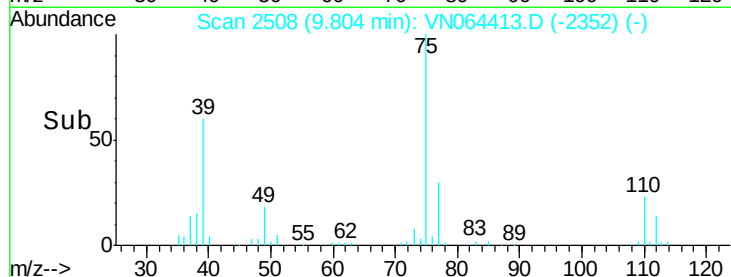
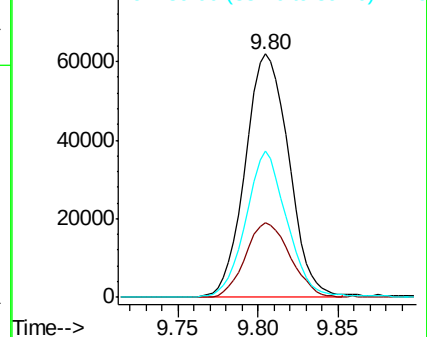


Abundance

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: 18.574 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Tgt Ion: 97 Resp: 65949

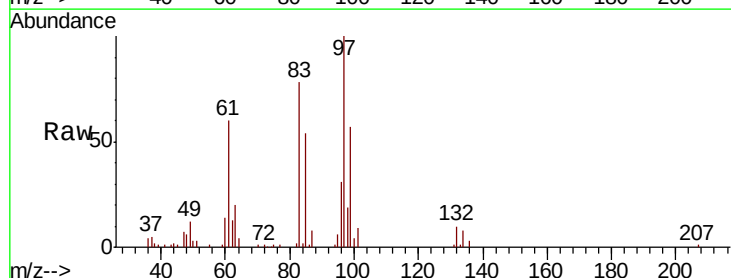
Ion Ratio Lower Upper

97 100

83 78.0 62.4 93.6

85 53.6 42.9 64.3

99 57.1 45.7 68.5



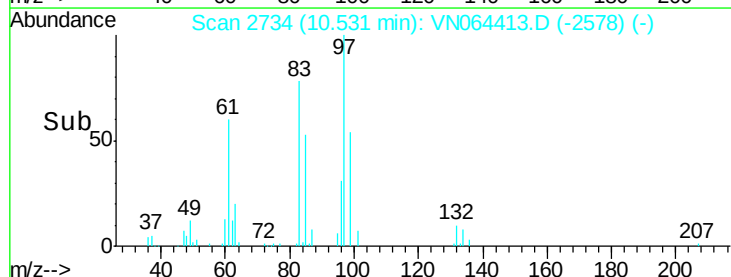
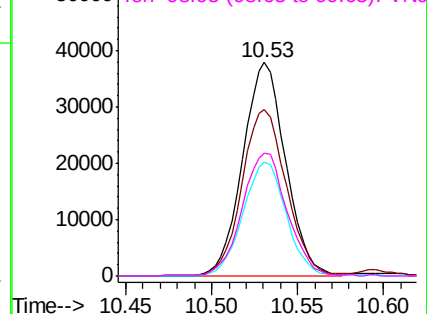
Abundance

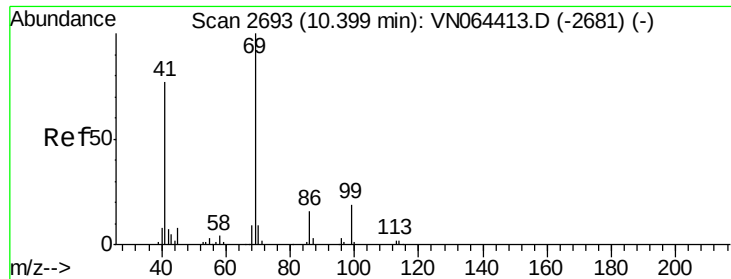
Ion 97.00 (96.70 to 97.70): VNO

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: 16.416 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

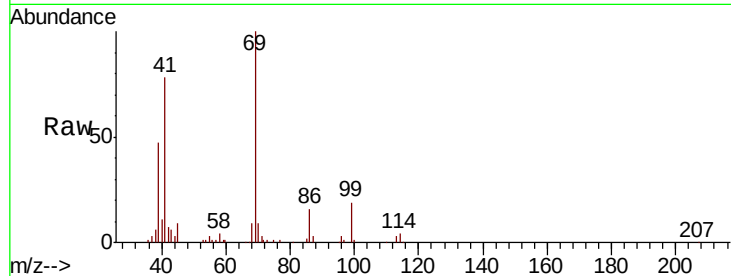
Tot Ion: 69 Resp: 89441

Ion Ratio Lower Upper

69 100

41 76.8 38.4 115.2

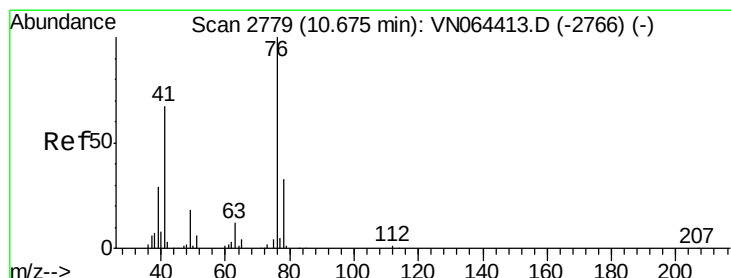
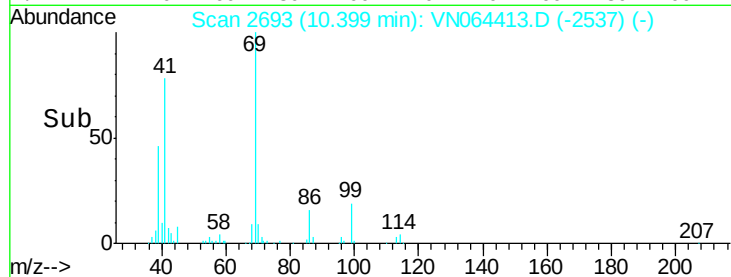
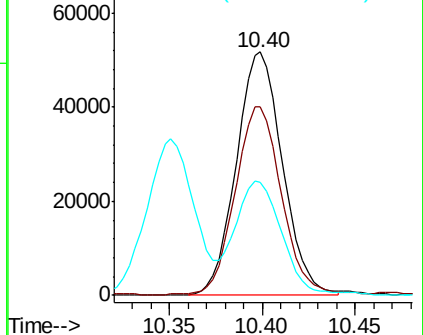
39 45.3 22.7 68.0



Abundance Ion 69.00 (68.70 to 69.70): VN064413.D (-2681) (-)

Ion 41.00 (40.70 to 41.70): VN064413.D (-2681) (-)

Ion 39.00 (38.70 to 39.70): VN064413.D (-2681) (-)



#52

1,3-Dichloropropane

Concen: 18.127 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064413.D

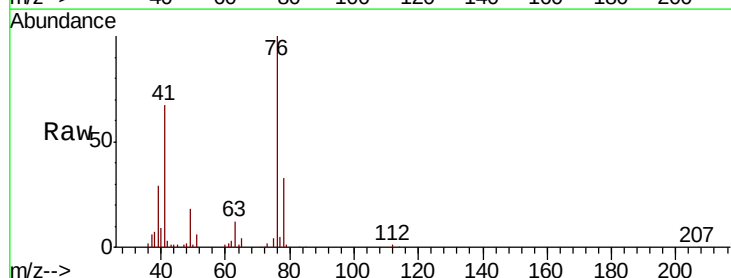
Acq: 2 Nov 2020 14:14

Tgt Ion: 76 Resp: 112641

Ion Ratio Lower Upper

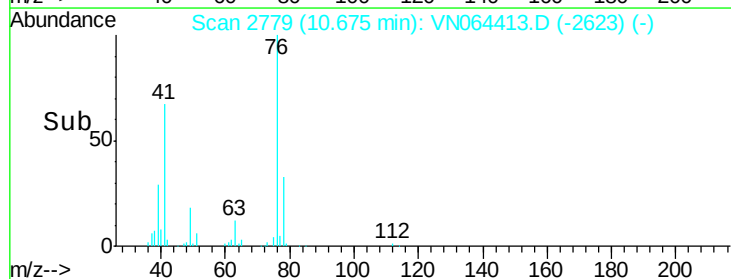
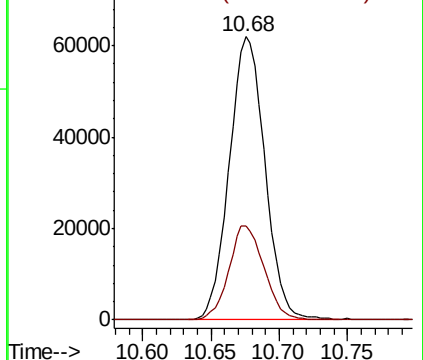
76 100

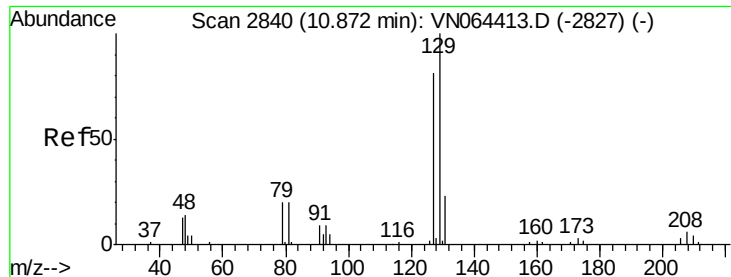
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VN064413.D (-2766) (-)

Ion 78.00 (77.70 to 78.70): VN064413.D (-2766) (-)

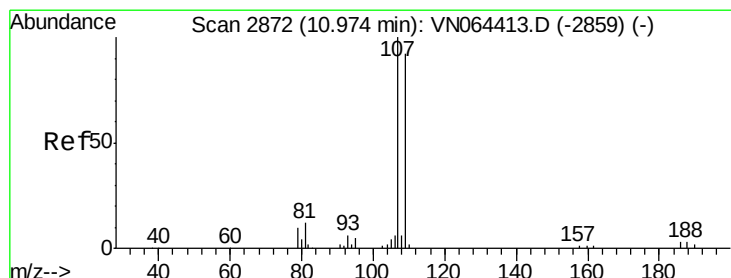
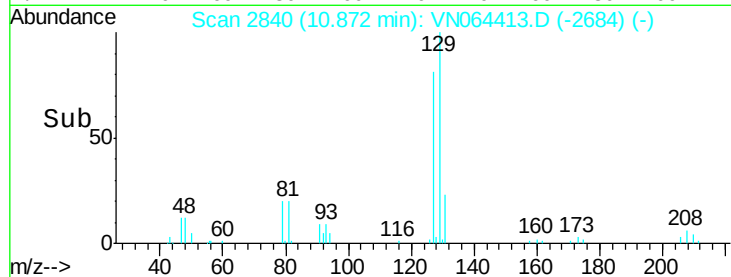
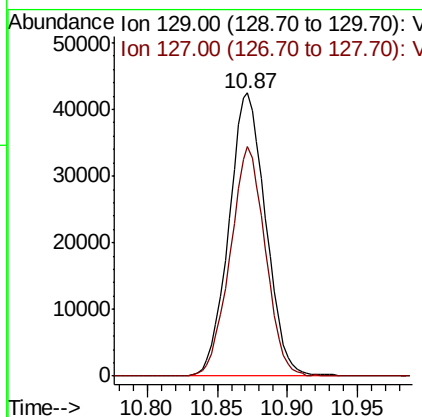
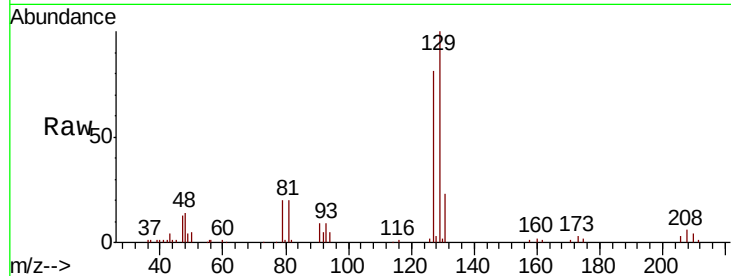




#53
 Dibromochloromethane
 Concen: 17.932 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

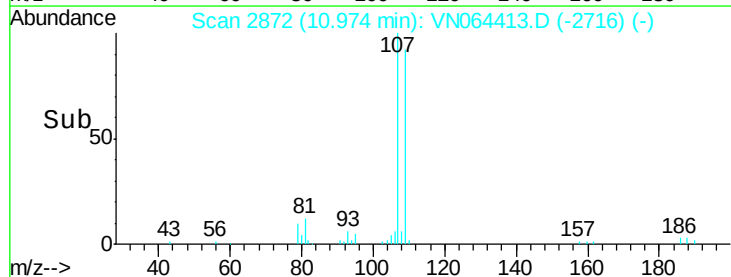
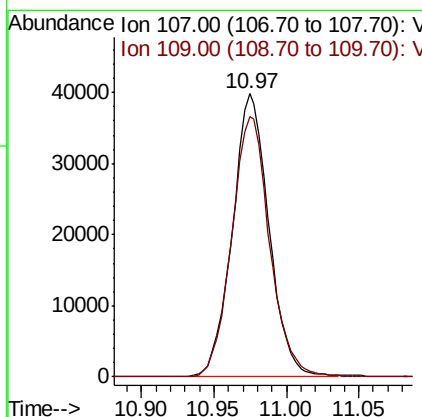
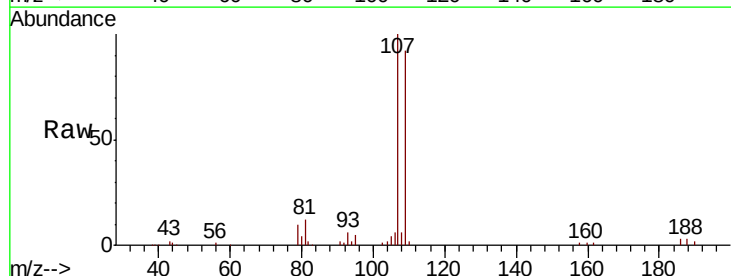
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

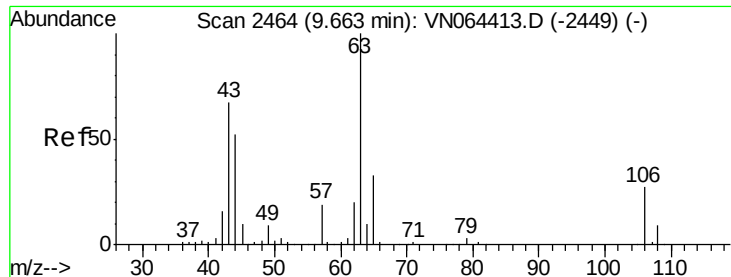
Tot Ion:129 Resp: 77638
 Ion Ratio Lower Upper
 129 100
 127 77.1 38.6 115.7



#54
 1,2-Dibromoethane
 Concen: 18.363 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion:107 Resp: 69588
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.5 114.7

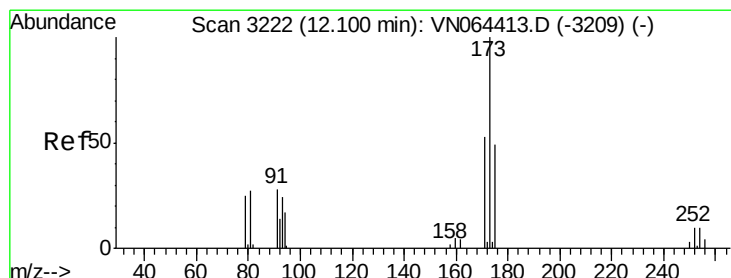
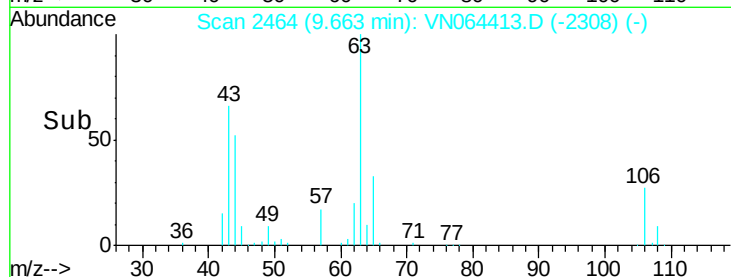
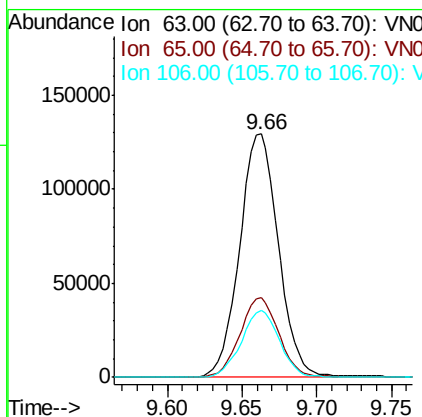
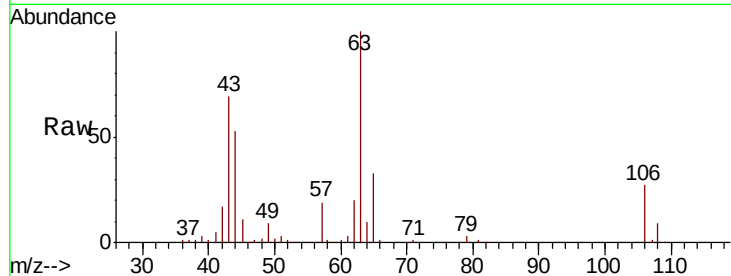




#55
2-Chloroethyl vinyl ether
Concen: 85.745 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

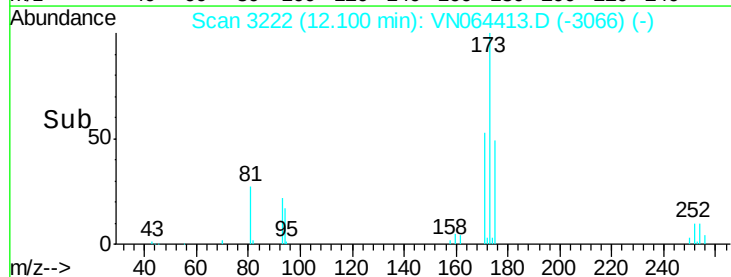
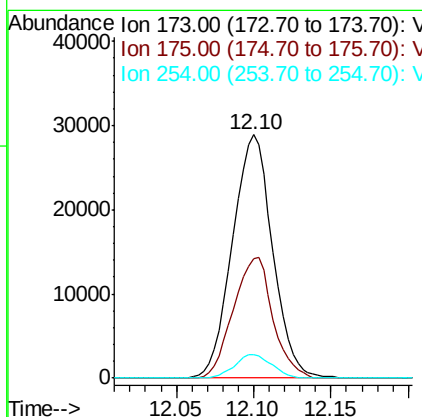
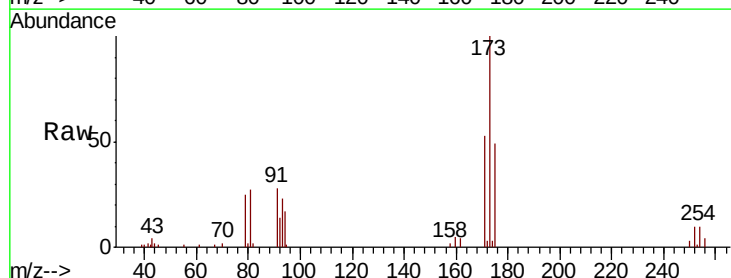
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

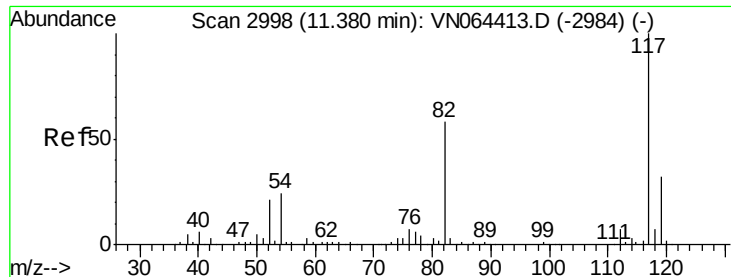
Tot Ion: 63 Resp: 233757
Ion Ratio Lower Upper
63 100
65 32.8 26.2 39.4
106 27.2 21.8 32.6



#56
Bromoform
Concen: 17.014 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 173 Resp: 52136
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 8.8 7.0 10.6

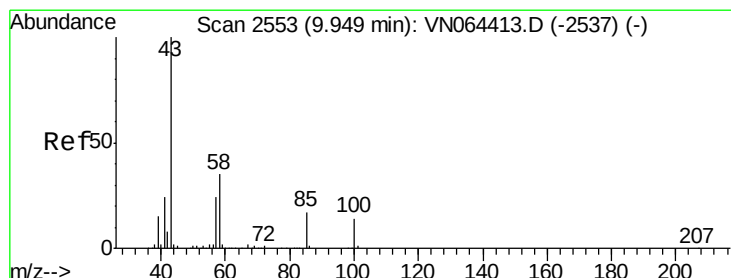
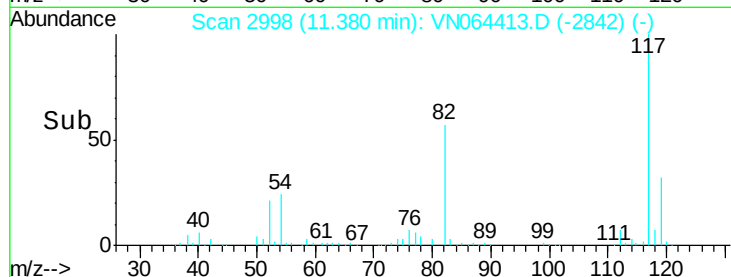
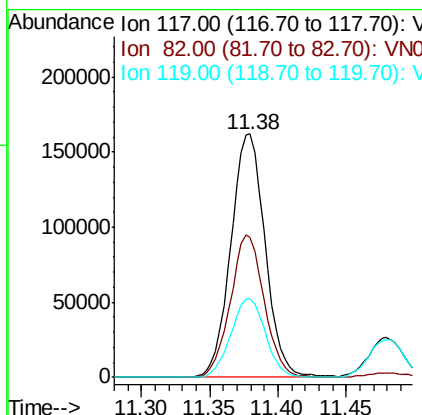
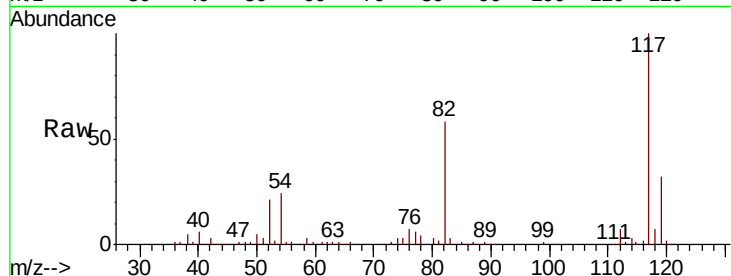




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

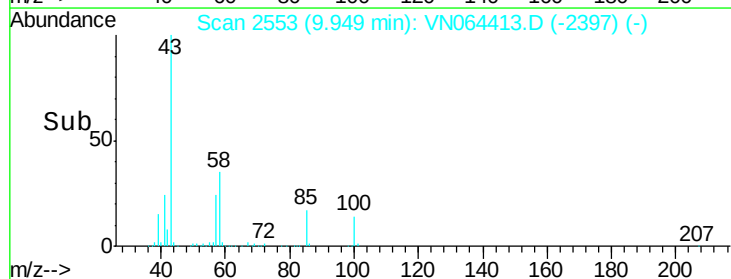
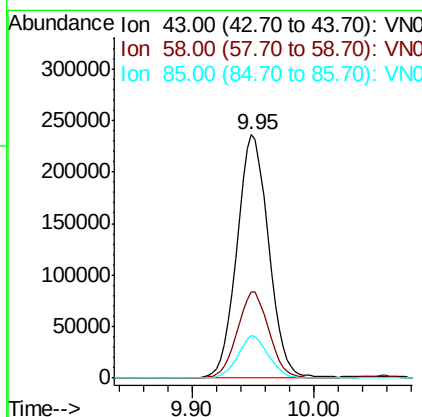
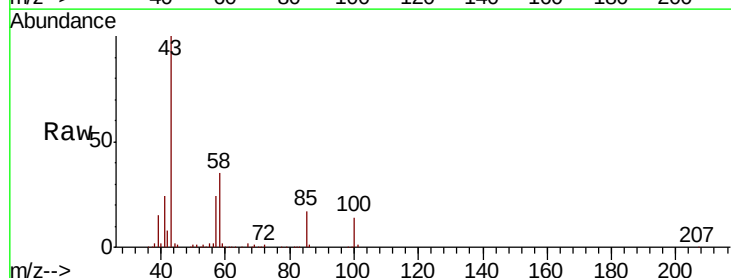
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

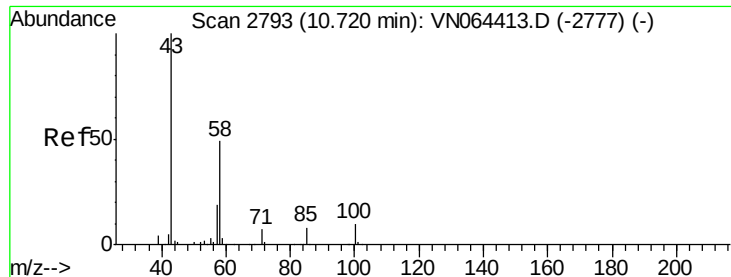
Tot Ion:117 Resp: 283707
Ion Ratio Lower Upper
117 100
82 57.6 46.1 69.1
119 32.7 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 82.855 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 43 Resp: 420999
Ion Ratio Lower Upper
43 100
58 35.8 28.6 43.0
85 16.9 13.5 20.3

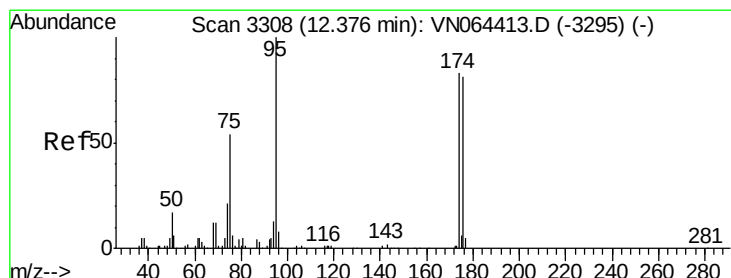
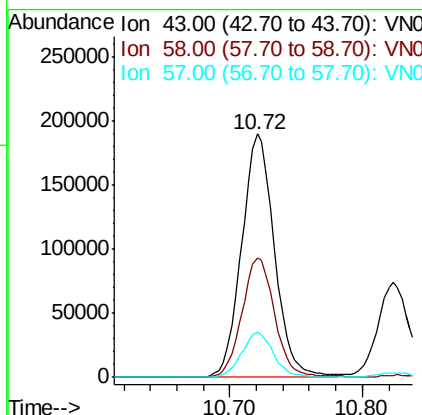
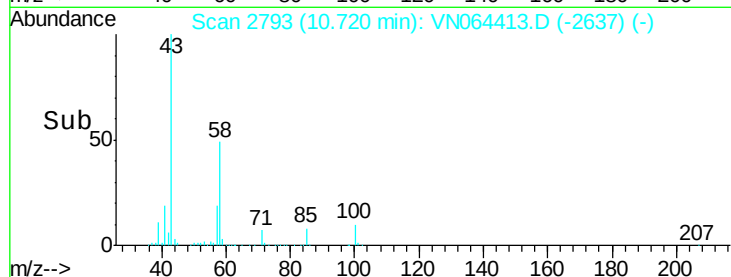
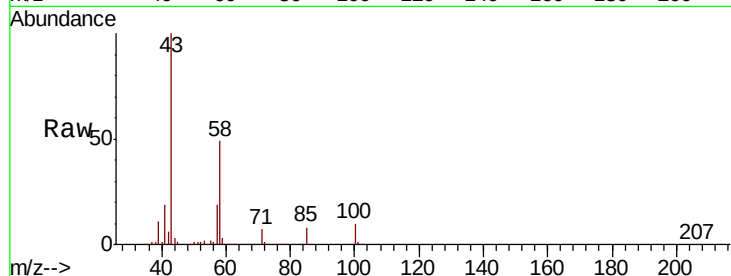




#59
2-Hexanone
Concen: 84.918 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

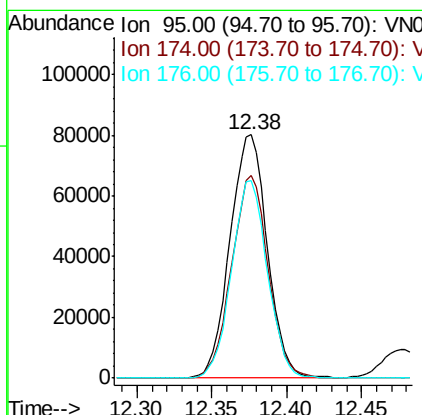
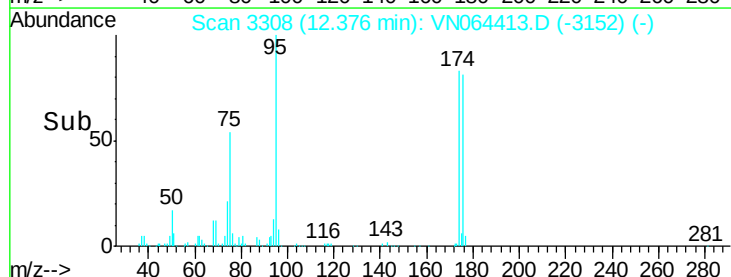
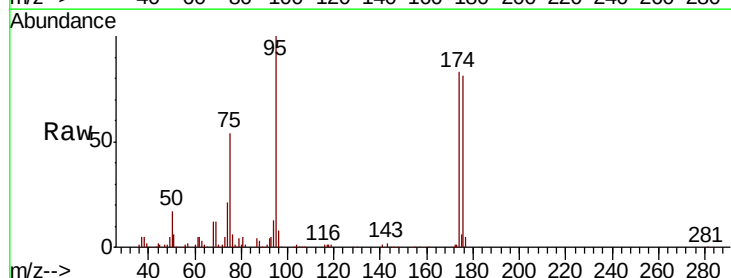
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

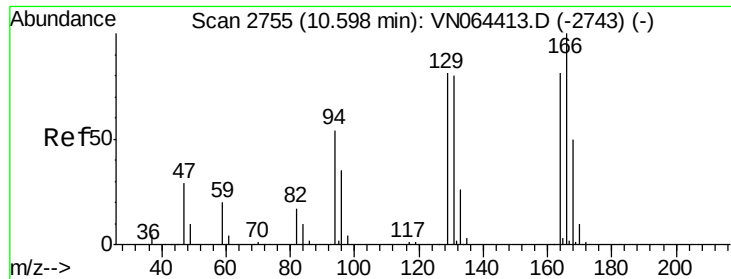
Tot Ion: 43 Resp: 324955
Ion Ratio Lower Upper
43 100
58 49.2 39.4 59.0
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.032 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 95 Resp: 139515
Ion Ratio Lower Upper
95 100
174 81.5 65.2 97.8
176 77.8 62.2 93.4





#61

Tetrachloroethene

Concen: 18.973 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 72040

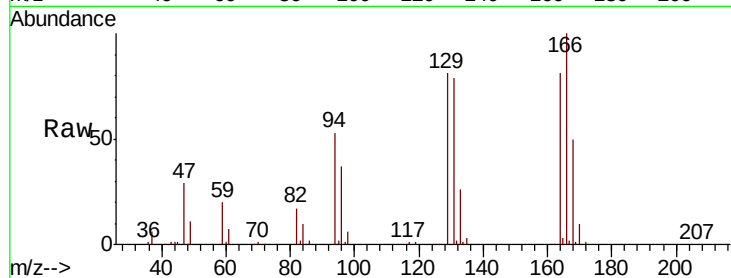
Ion Ratio Lower Upper

164 100

166 123.4 98.7 148.1

129 100.3 80.2 120.4

131 98.4 78.7 118.1



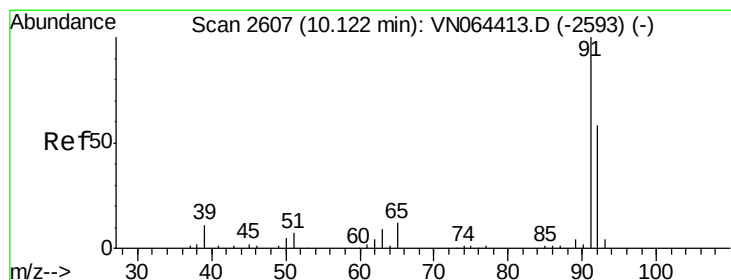
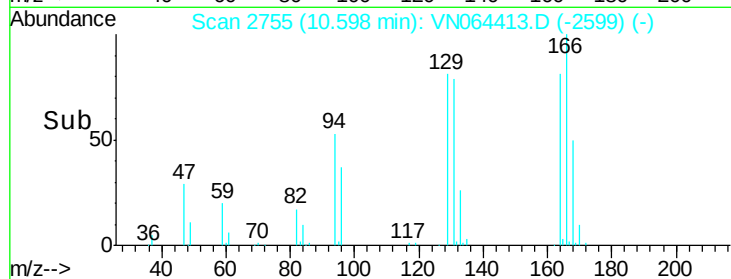
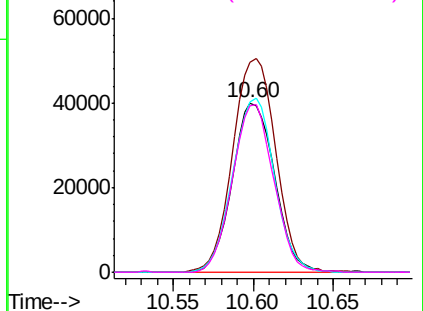
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.670 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064413.D

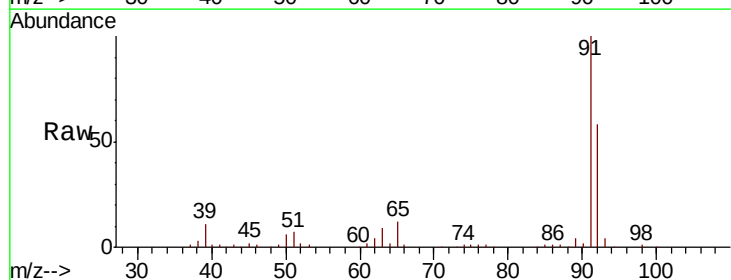
Acq: 2 Nov 2020 14:14

Tgt Ion: 91 Resp: 292504

Ion Ratio Lower Upper

91 100

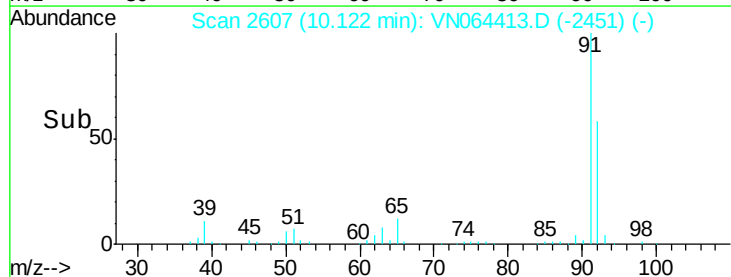
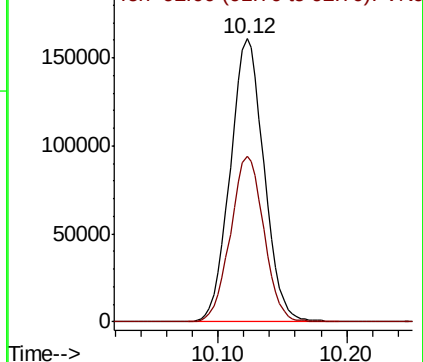
92 57.8 46.2 69.4

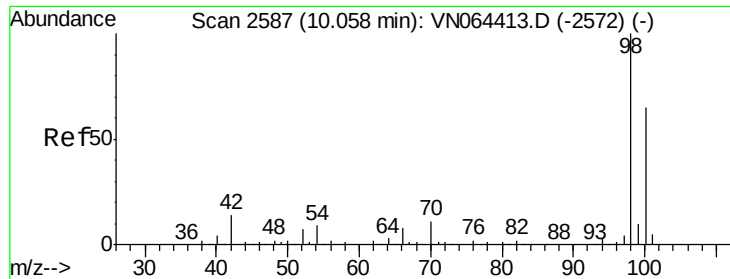


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

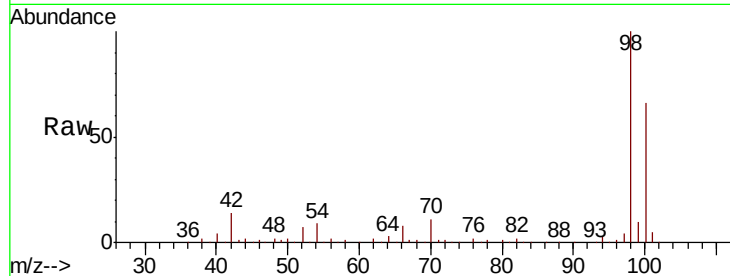




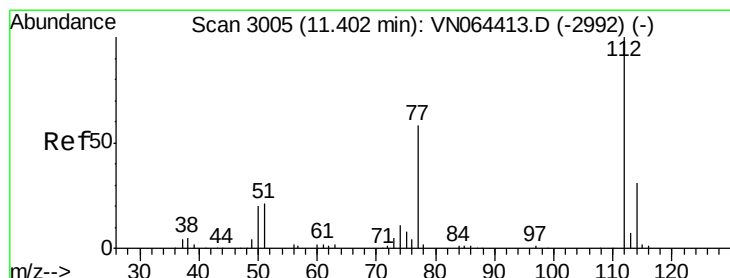
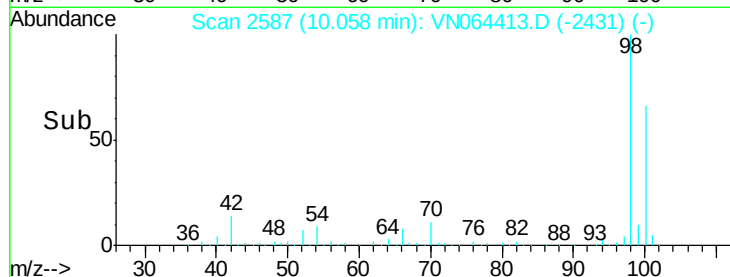
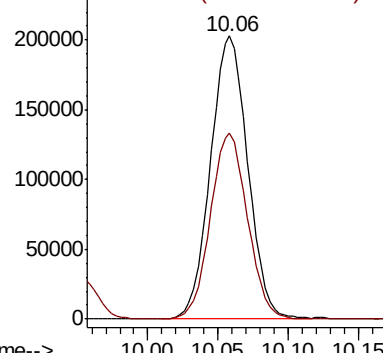
#63
Toluene-d8
Concen: 29.786 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 375604
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

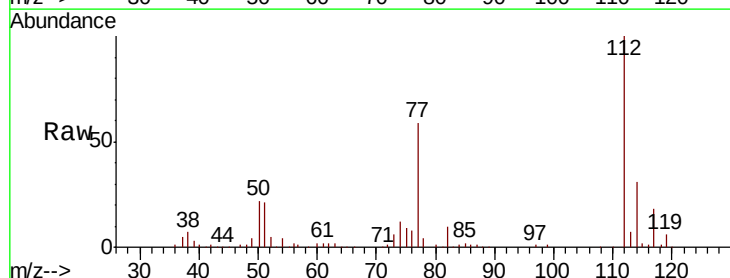


Abundance Ion 98.00 (97.70 to 98.70): VN064413.D (-2572) (-)
Ion 100.00 (99.70 to 100.70): VN064413.D (-2572) (-)

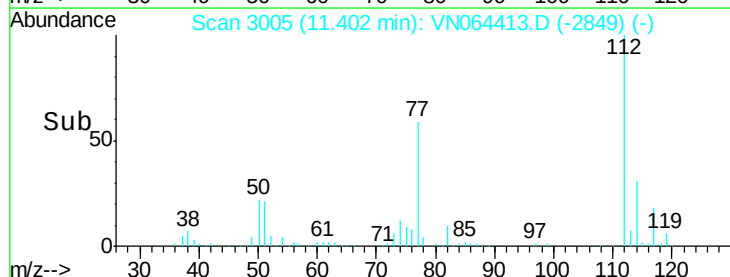
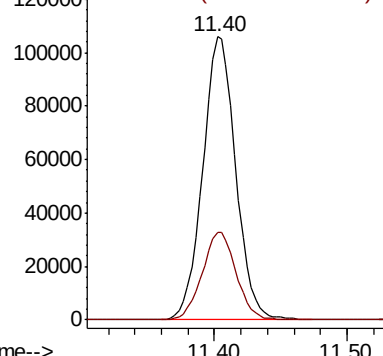


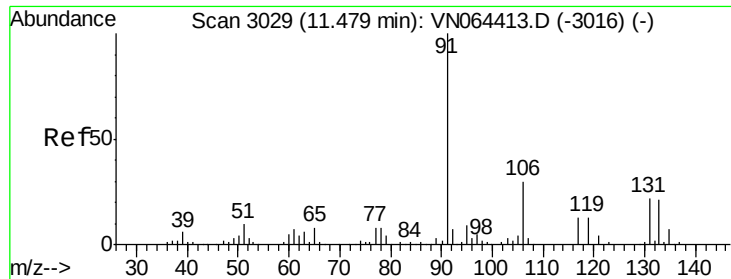
#64
Chlorobenzene
Concen: 18.644 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 112 Resp: 182381
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): VN064413.D (-2992) (-)
Ion 114.00 (113.70 to 114.70): VN064413.D (-2992) (-)

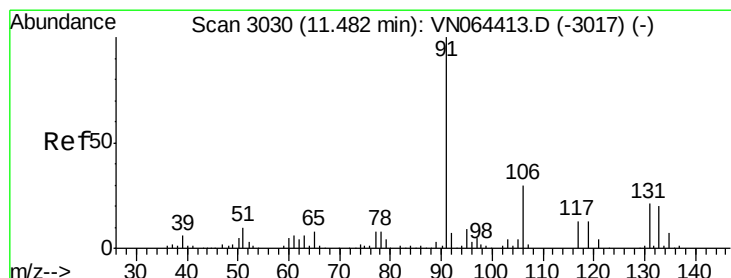
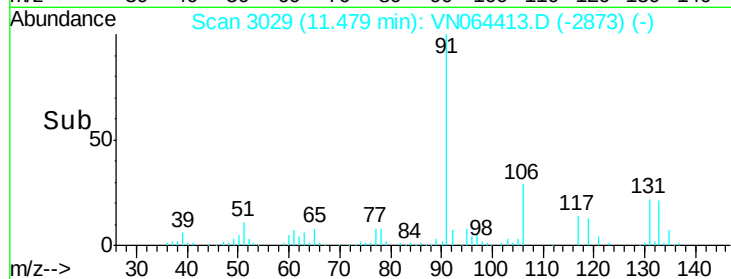
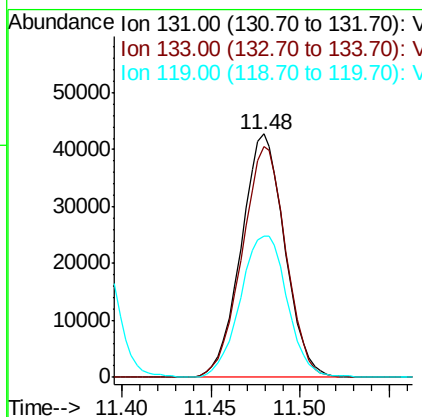
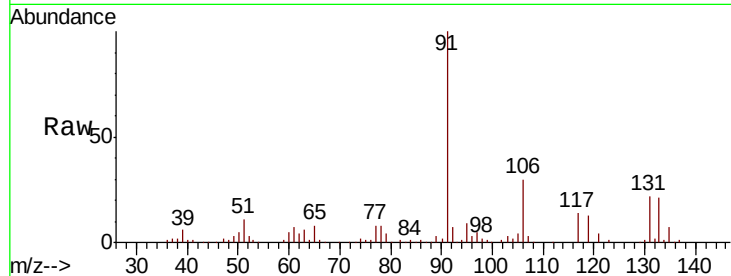




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.867 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

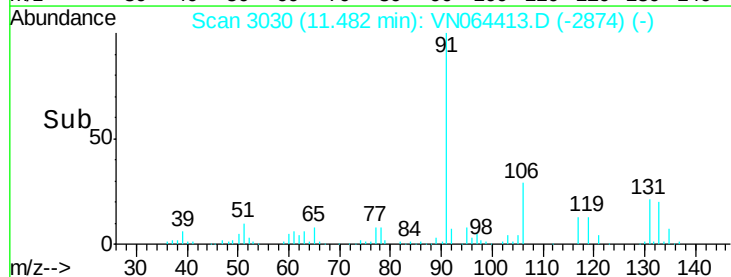
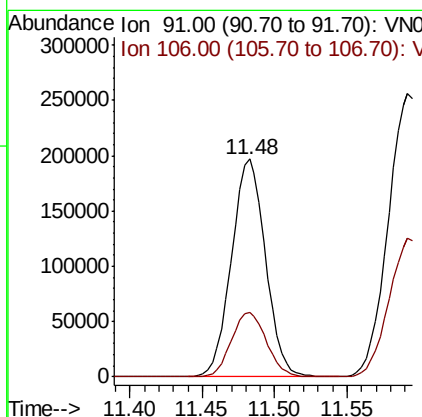
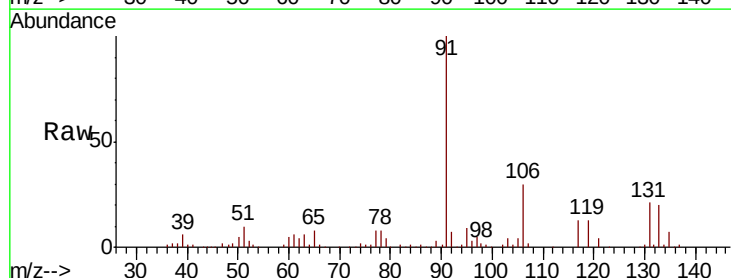
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

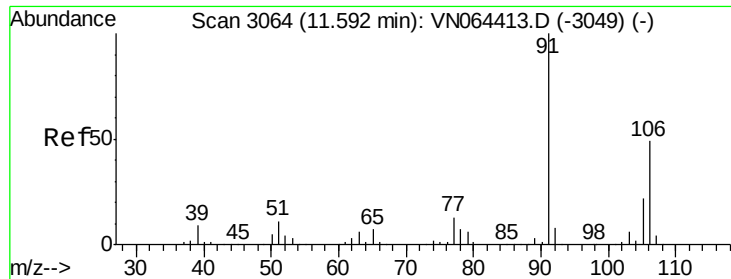
Tot Ion:131 Resp: 72809
 Ion Ratio Lower Upper
 131 100
 133 95.6 0.0 191.2
 119 62.8 0.0 125.6



#66
 Ethyl Benzene
 Concen: 18.125 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 91 Resp: 321269
 Ion Ratio Lower Upper
 91 100
 106 29.9 23.9 35.9

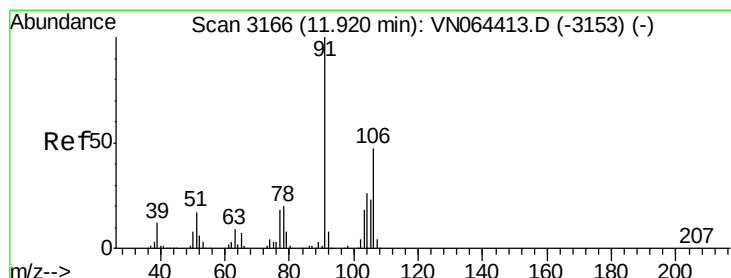
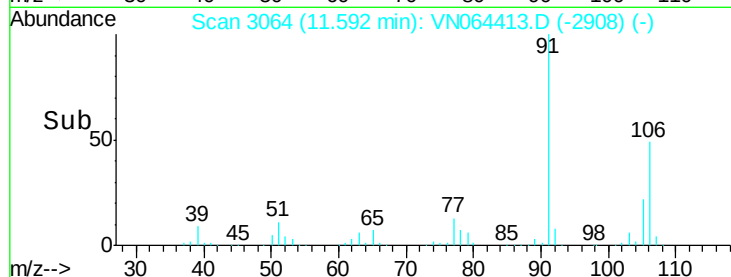
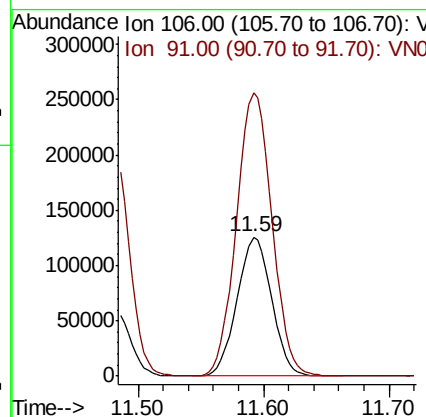
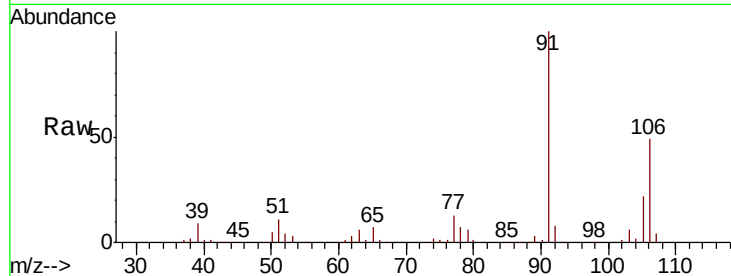




#67
m/p-Xylenes
Concen: 36.672 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

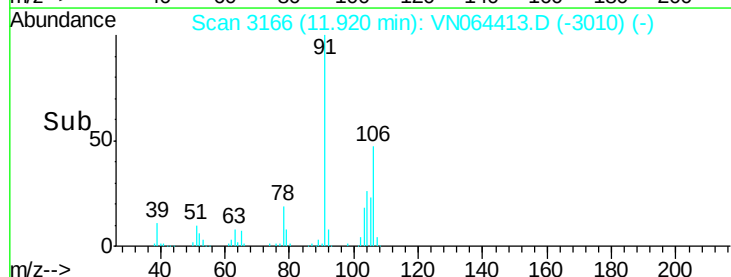
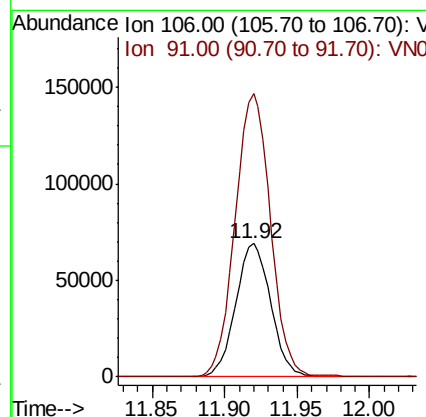
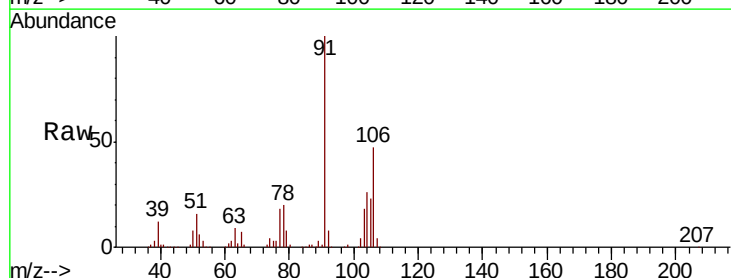
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

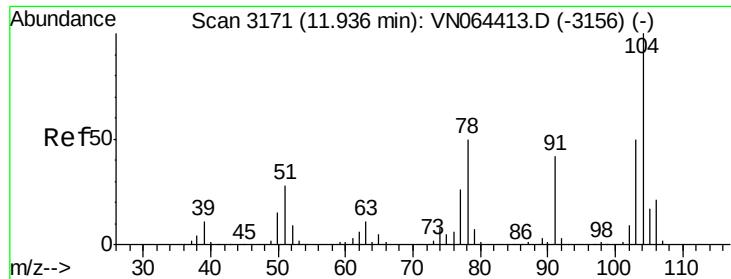
Tot Ion:106 Resp: 240752
Ion Ratio Lower Upper
106 100
91 208.5 166.8 250.2



#68
o-Xylene
Concen: 17.996 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion:106 Resp: 115957
Ion Ratio Lower Upper
106 100
91 213.4 106.7 320.1

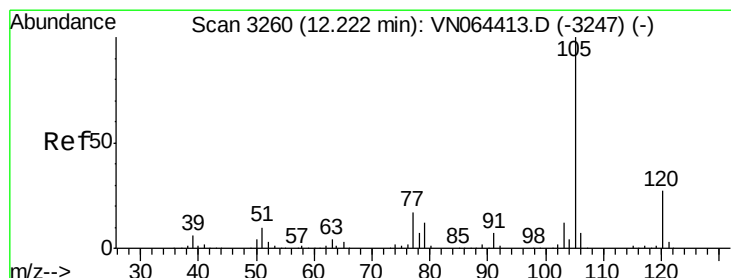
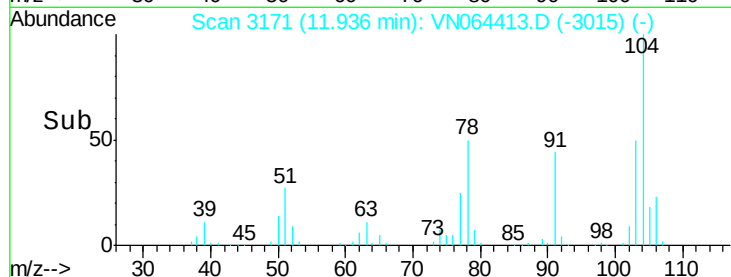
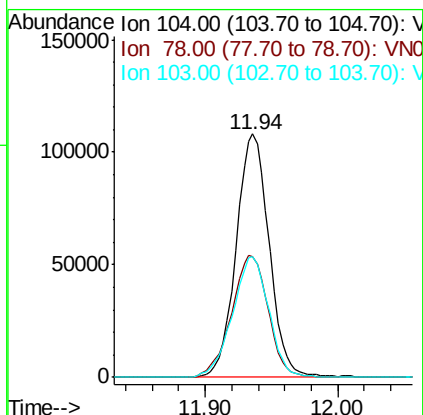
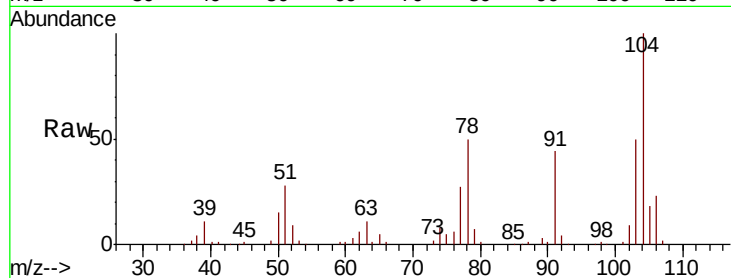




#69
Stvrene
Concen: 17.553 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

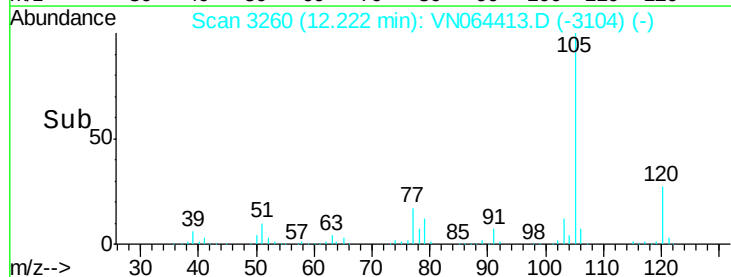
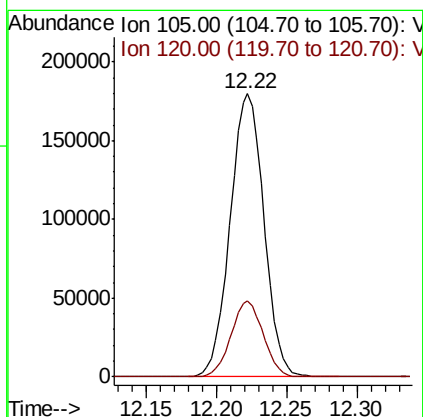
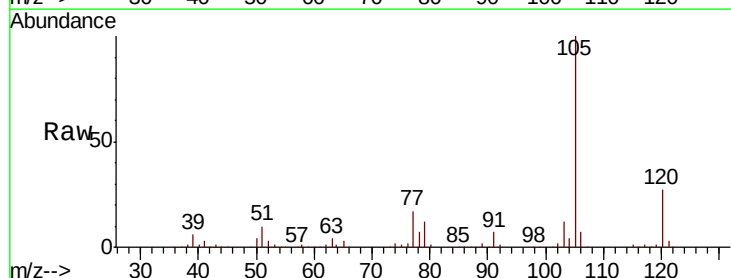
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

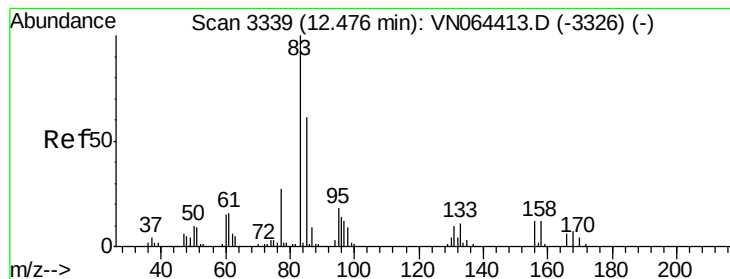
Tot Ion:104 Resp: 187099
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 54.4 43.5 65.3



#70
Isopropylbenzene
Concen: 17.779 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion:105 Resp: 301556
Ion Ratio Lower Upper
105 100
120 25.7 18.0 33.4





#71

1,1,2,2-Tetrachloroethane

Concen: 17.781 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

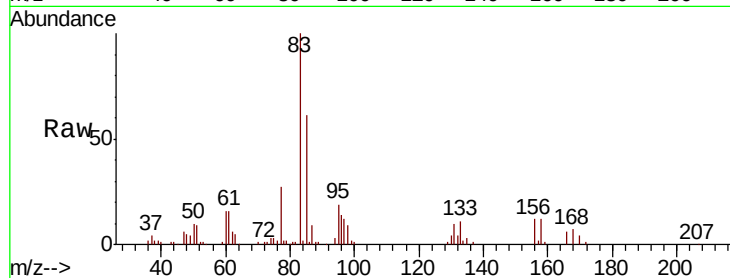
Tot Ion: 83 Resp: 85141

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

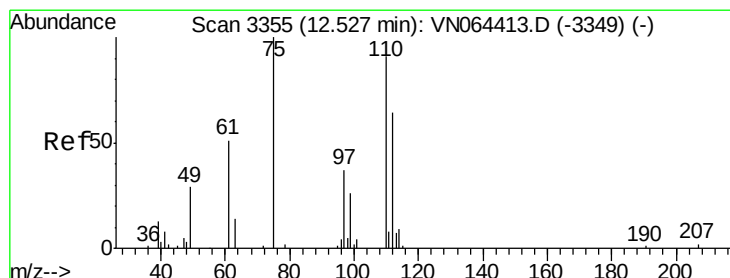
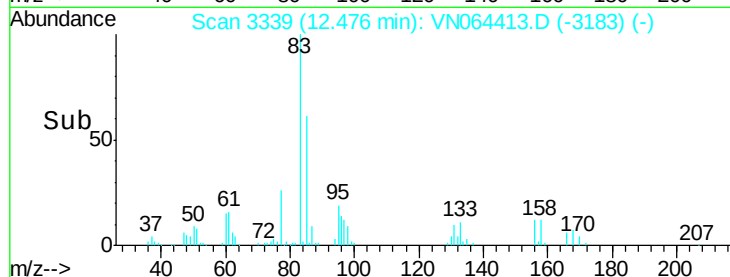
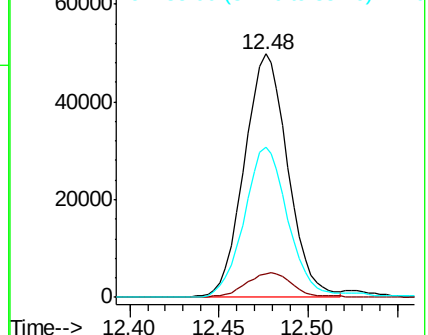
85 61.8 30.9 92.7



Abundance Ion 83.00 (82.70 to 83.70): VN064413.D (-3326) (-)

Ion 131.00 (130.70 to 131.70): VN064413.D (-3326) (-)

Ion 85.00 (84.70 to 85.70): VN064413.D (-3326) (-)



#72

1,2,3-Trichloropropane

Concen: 23.818 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064413.D

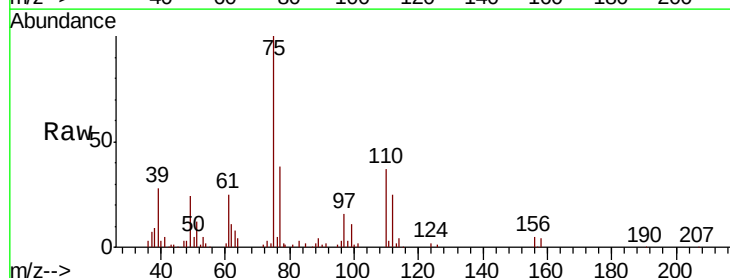
Acq: 2 Nov 2020 14:14

Tgt Ion: 75 Resp: 118063

Ion Ratio Lower Upper

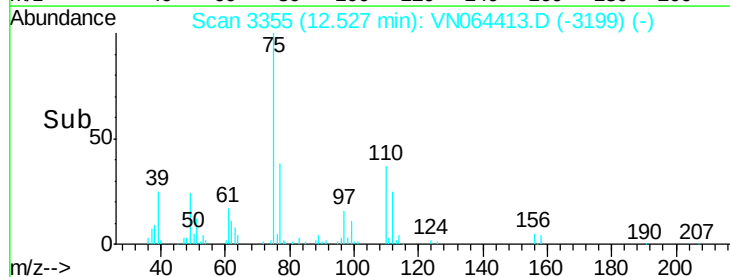
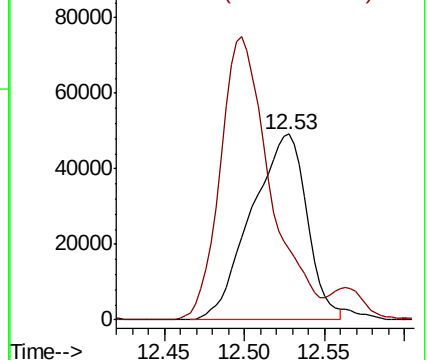
75 100

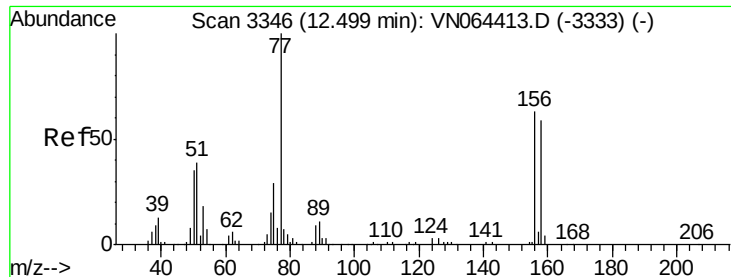
77 136.5 0.0 374.2



Abundance Ion 75.00 (74.70 to 75.70): VN064413.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064413.D (-3349) (-)





#73

Bromobenzene

Concen: 18.711 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

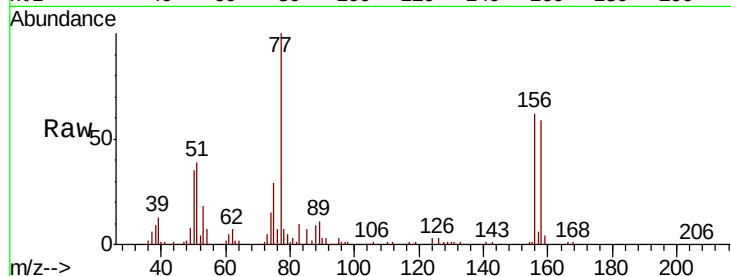
Tot Ion:156 Resp: 78744

Ion Ratio Lower Upper

156 100

77 204.7 0.0 409.4

158 96.0 0.0 192.0



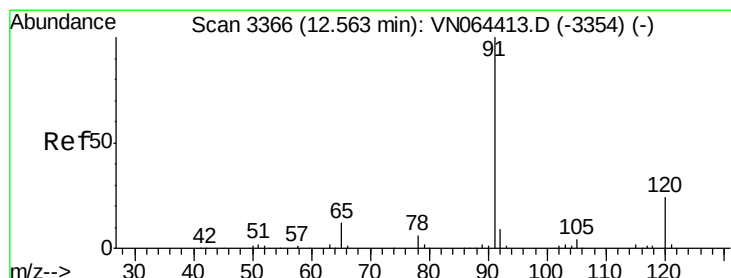
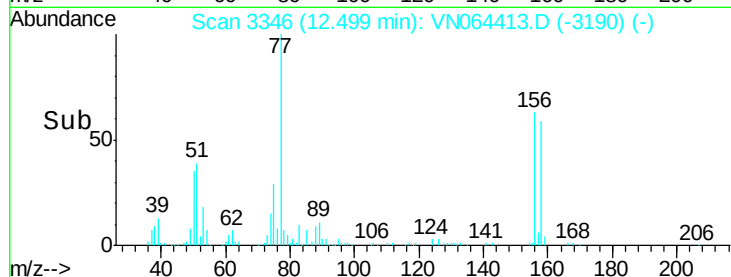
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V

12.50

Time-->



#74

n-propylbenzene

Concen: 17.069 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064413.D

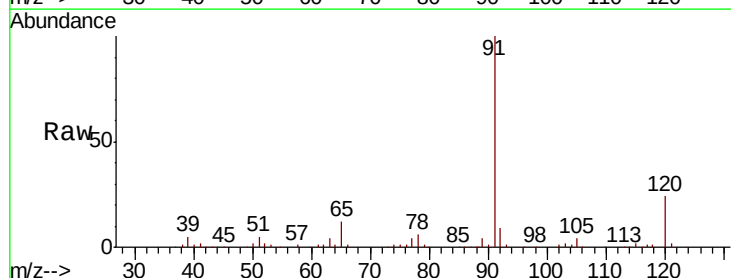
Acq: 2 Nov 2020 14:14

Tgt Ion: 91 Resp: 327764

Ion Ratio Lower Upper

91 100

120 23.7 0.0 47.4

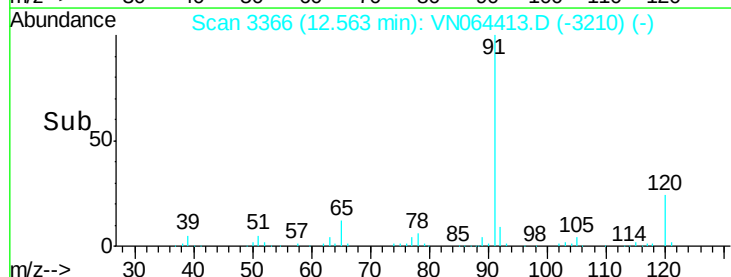


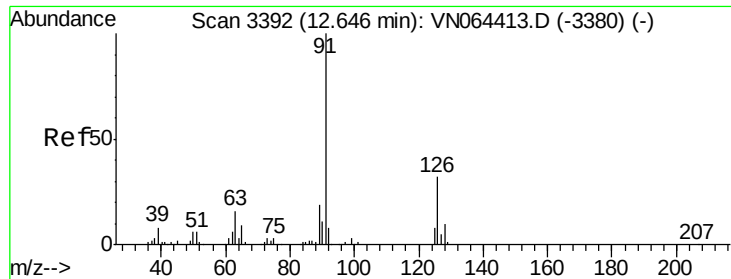
Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

12.56

Time-->





#75

2-Chlorotoluene

Concen: 17.829 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

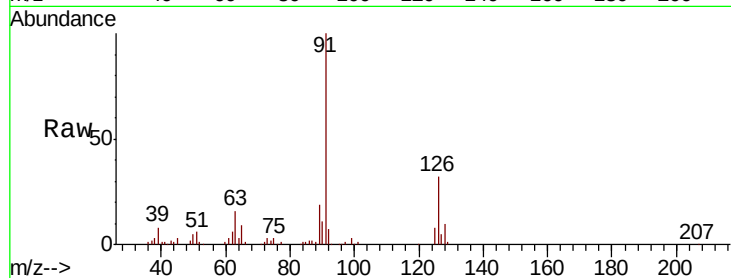
VSTDICCC020

Tot Ion: 91 Resp: 212607

Ion Ratio Lower Upper

91 100

126 31.9 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VN064413.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN064413.D (-3380) (-)

200000

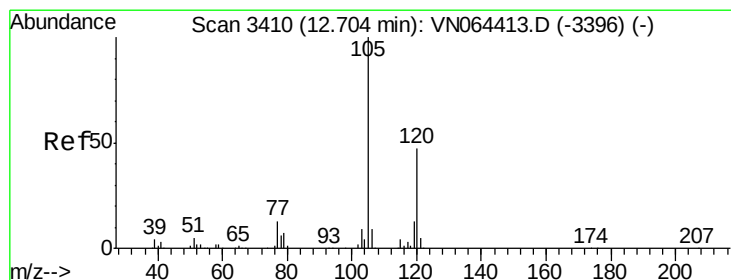
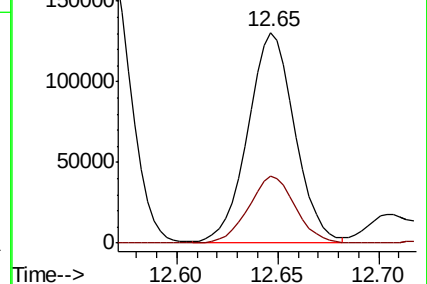
150000

100000

50000

0

12.60 12.65 12.70



#76

1,3,5-Trimethylbenzene

Concen: 17.150 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064413.D

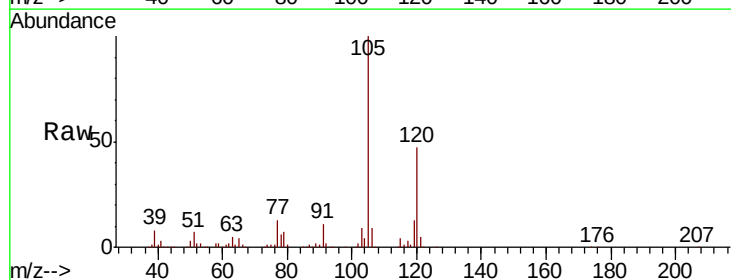
Acq: 2 Nov 2020 14:14

Tgt Ion: 105 Resp: 244325

Ion Ratio Lower Upper

105 100

120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064413.D (-3396) (-)

Ion 120.00 (119.70 to 120.70): VN064413.D (-3396) (-)

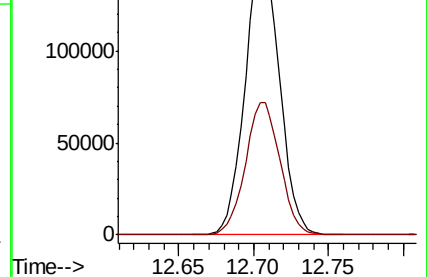
150000

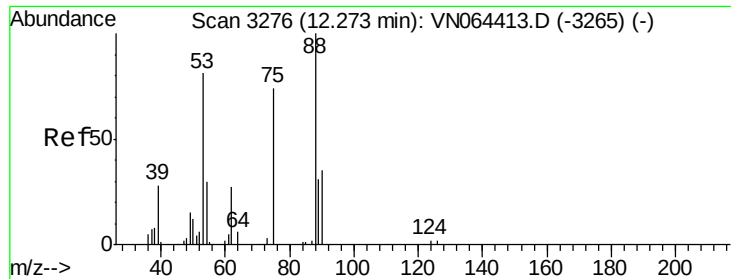
100000

50000

0

12.65 12.70 12.75

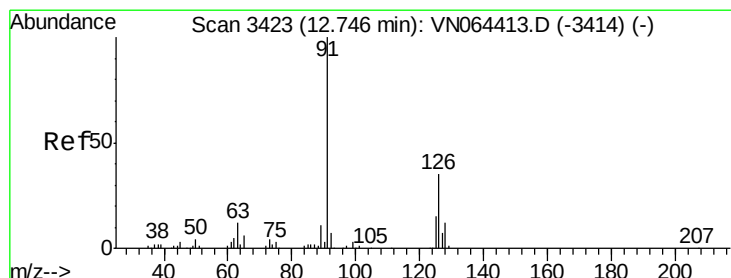
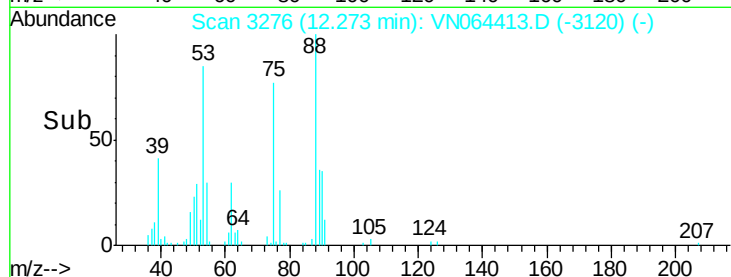
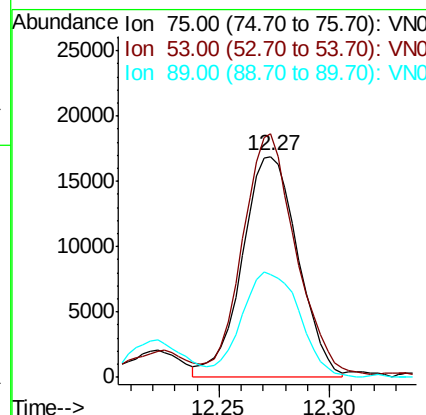
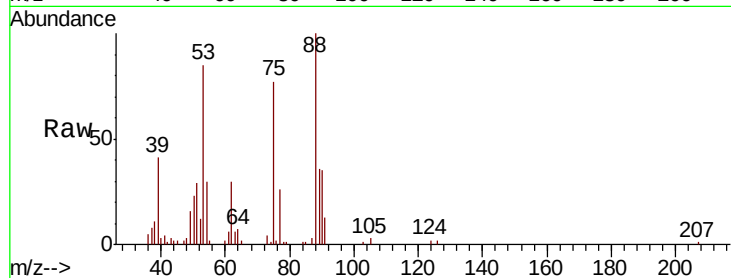




#77
t-1,4-Dichloro-2-butene
Concen: 15.936 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

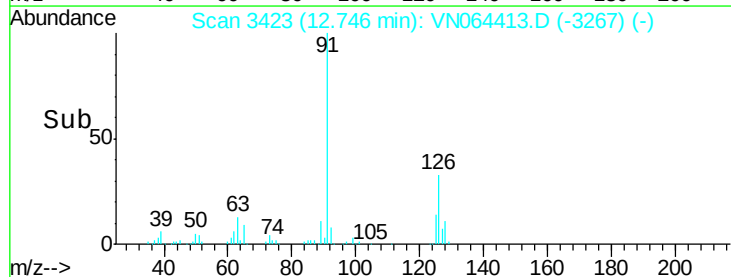
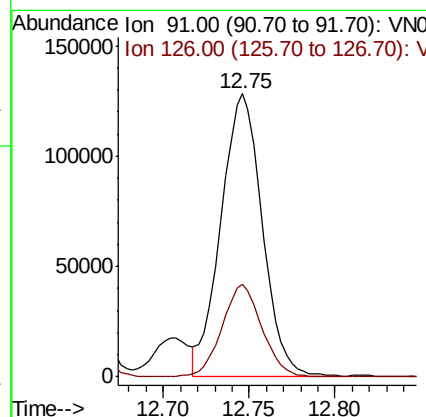
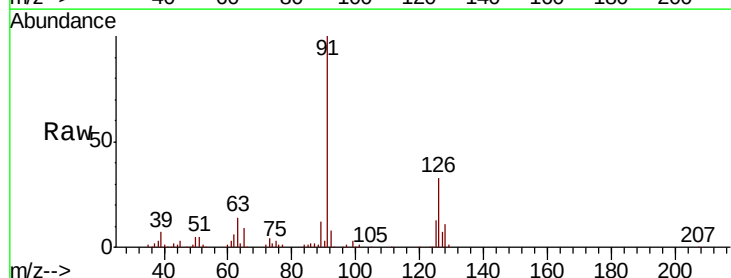
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

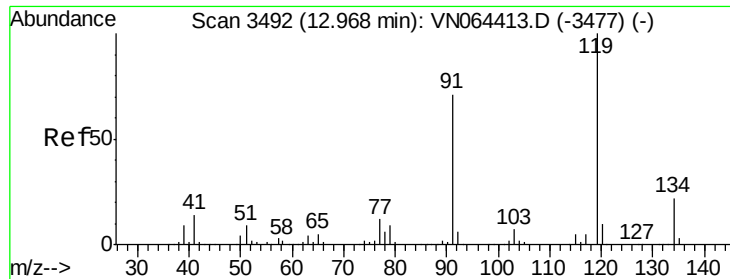
Tot Ion: 75 Resp: 29670
Ion Ratio Lower Upper
75 100
53 108.3 54.1 162.4
89 46.2 23.1 69.3



#78
4-Chlorotoluene
Concen: 17.257 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 91 Resp: 214801
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.2

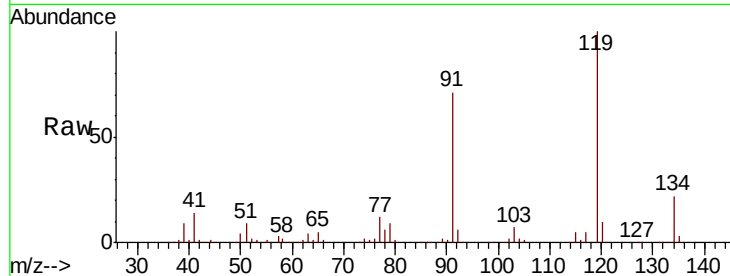




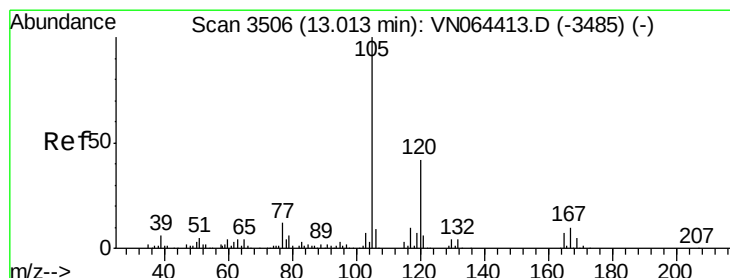
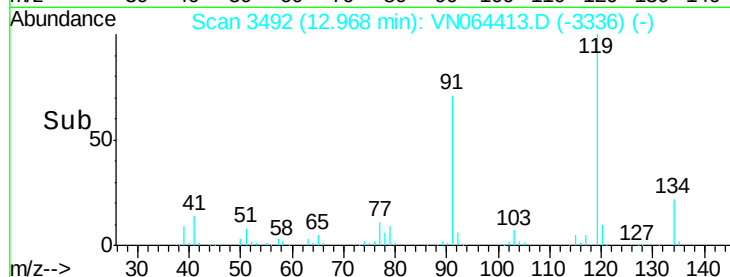
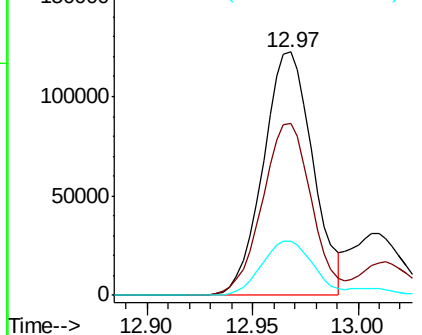
#79
tert-butylbenzene
Concen: 17.018 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tot Ion:119 Resp: 200319
Ion Ratio Lower Upper
119 100
91 70.2 0.0 140.4
134 23.1 0.0 46.2

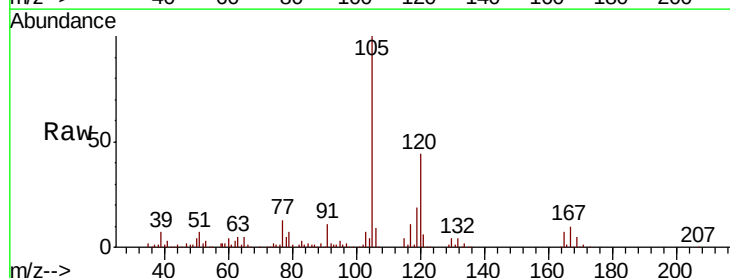


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

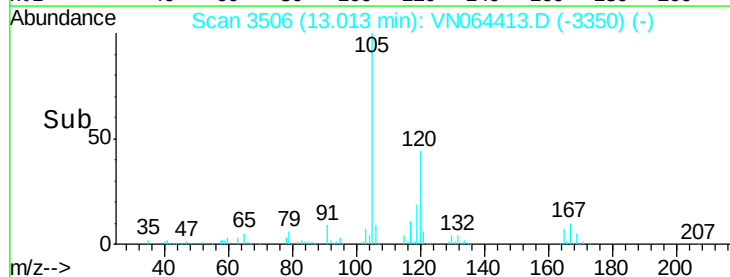
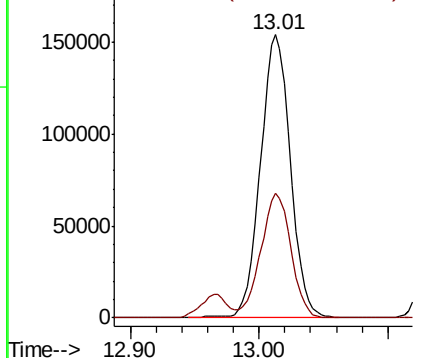


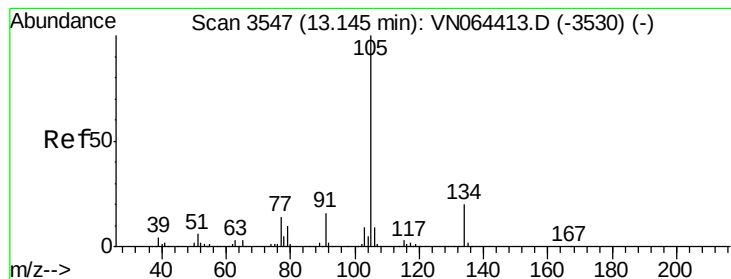
#80
1,2,4-Trimethylbenzene
Concen: 17.347 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion:105 Resp: 249637
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.0



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





#81

sec-Butylbenzene

Concen: 16.360 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

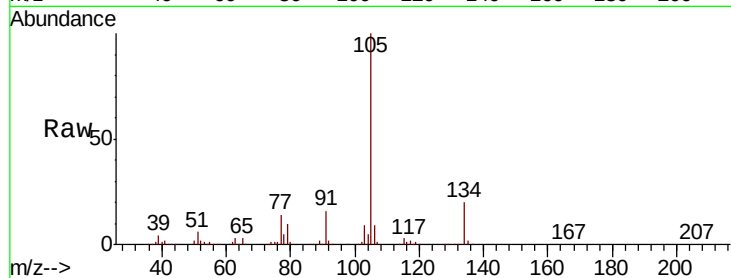
VSTDICCC020

Tot Ion:105 Resp: 248070

Ion Ratio Lower Upper

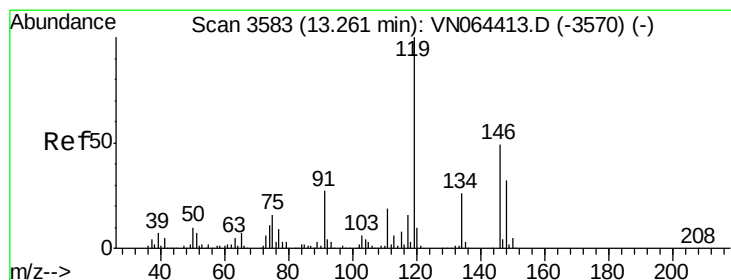
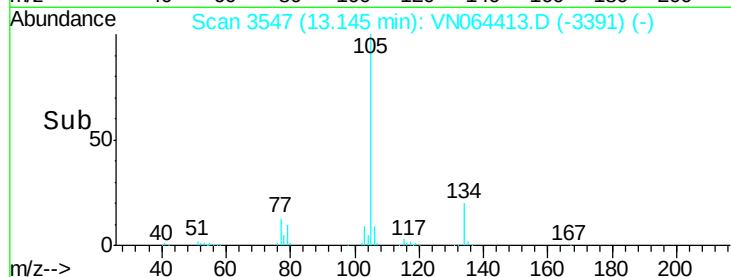
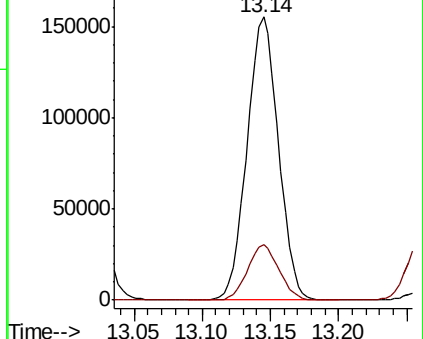
105 100

134 19.6 0.0 39.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 16.200 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

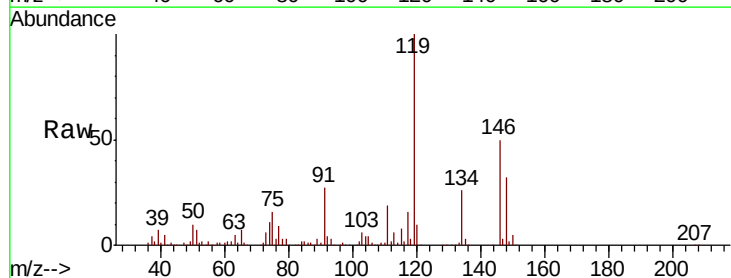
Tgt Ion:119 Resp: 225162

Ion Ratio Lower Upper

119 100

134 25.5 0.0 51.0

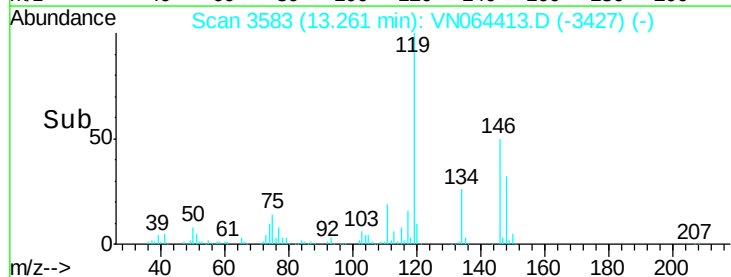
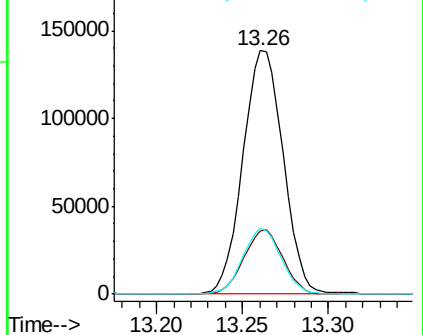
91 25.7 0.0 51.4

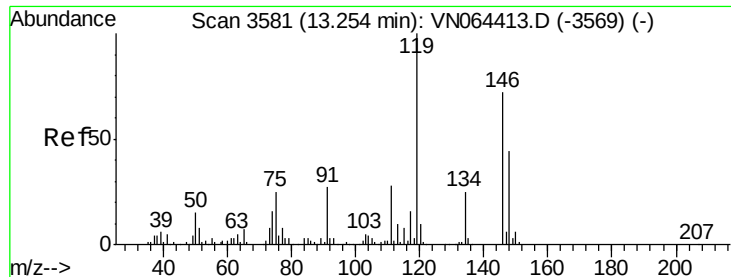


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 17.706 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

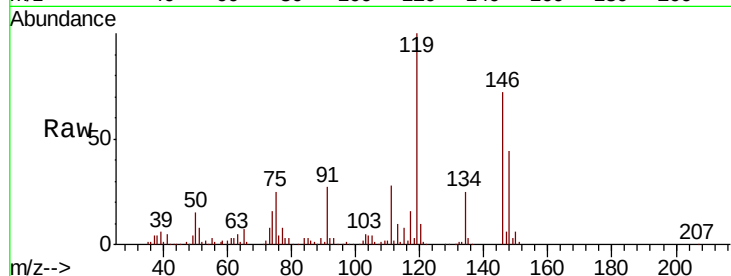
Tot Ion:146 Resp: 128621

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

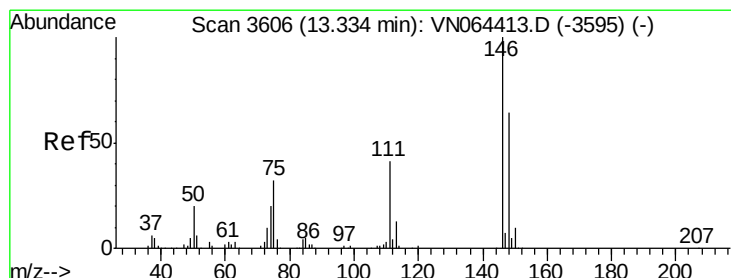
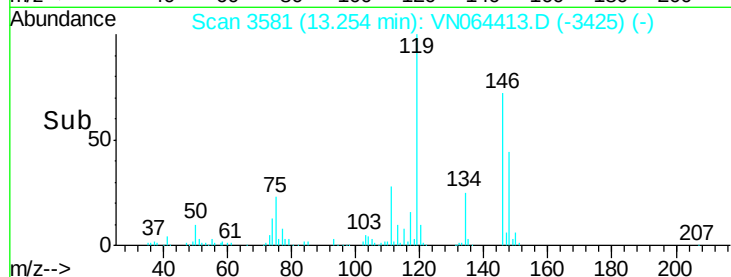
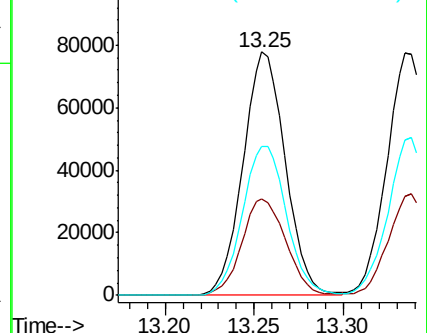
148 63.7 31.9 95.5



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



#84

1,4-Dichlorobenzene

Concen: 17.839 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

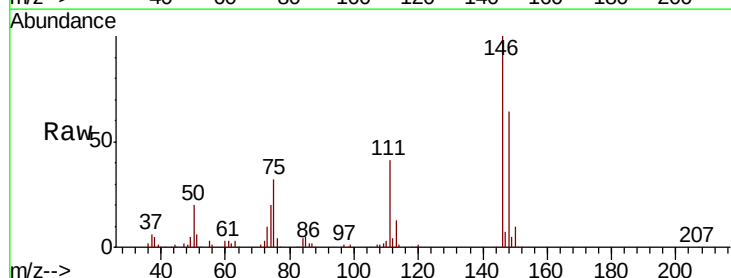
Tgt Ion:146 Resp: 130446

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

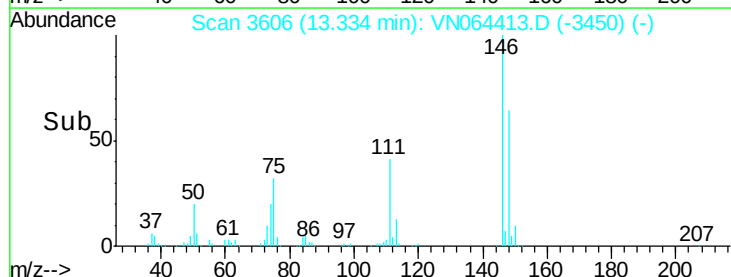
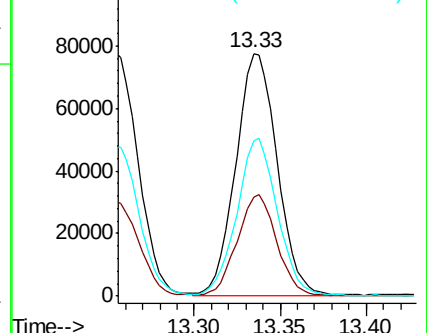
148 63.7 31.9 95.5

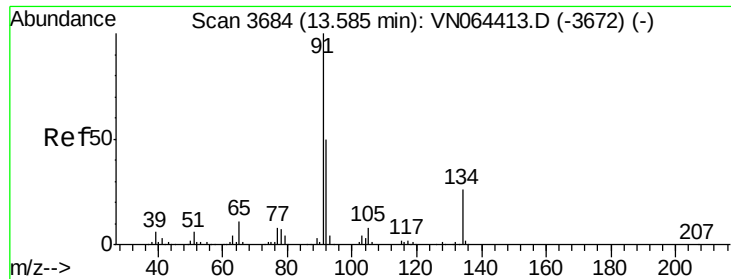


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

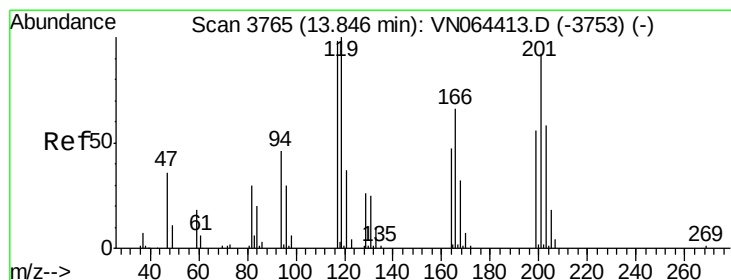
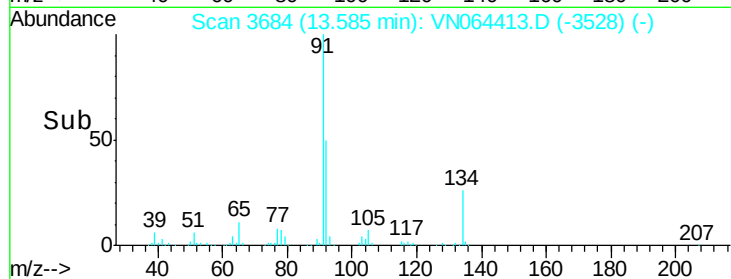
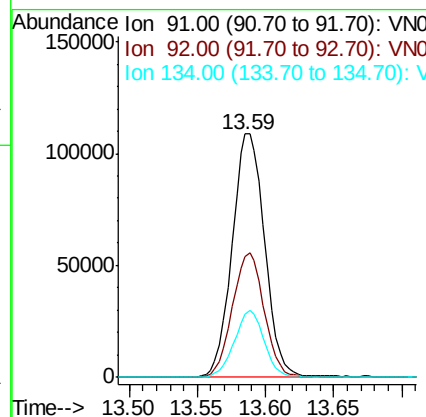
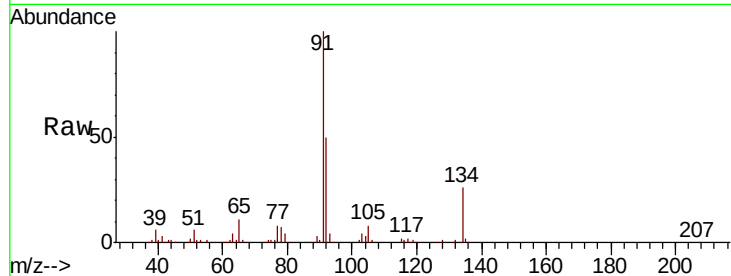




#85
n-Butylbenzene
Concen: 15.029 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

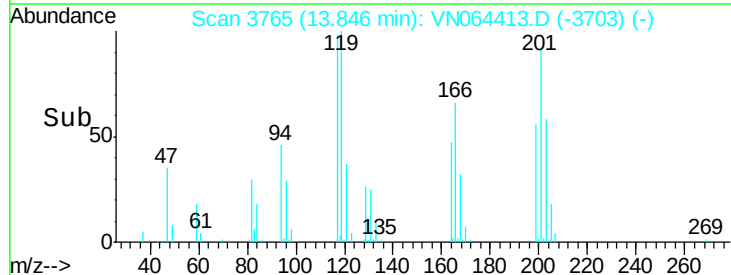
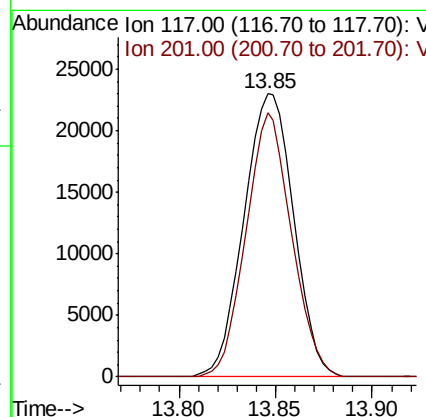
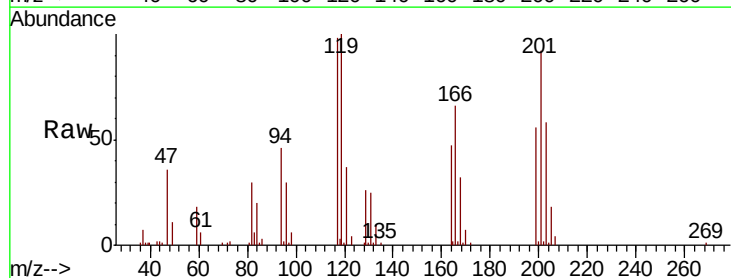
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

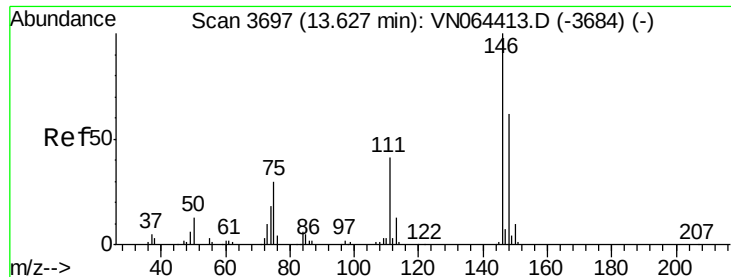
Tot Ion: 91 Resp: 180599
Ion Ratio Lower Upper
91 100
92 49.7 0.0 99.4
134 25.0 0.0 50.0



#86
Hexachloroethane
Concen: 15.965 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064413.D
Acq: 2 Nov 2020 14:14

Tgt Ion: 117 Resp: 41111
Ion Ratio Lower Upper
117 100
201 85.4 42.7 128.1

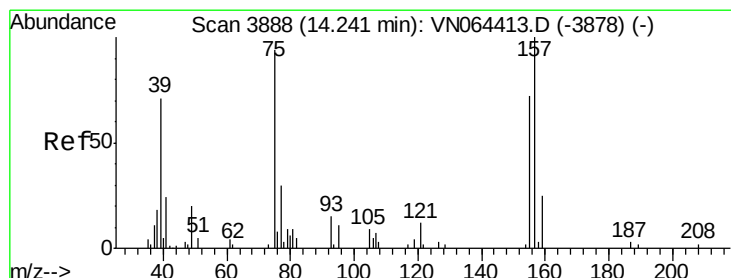
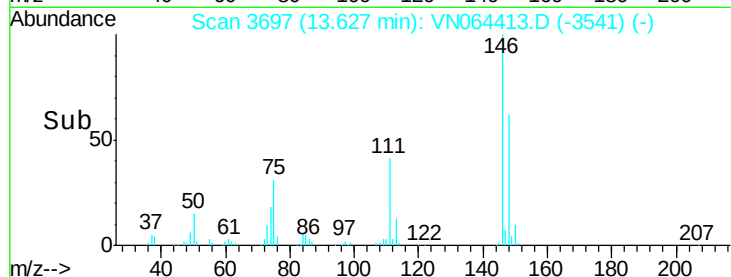
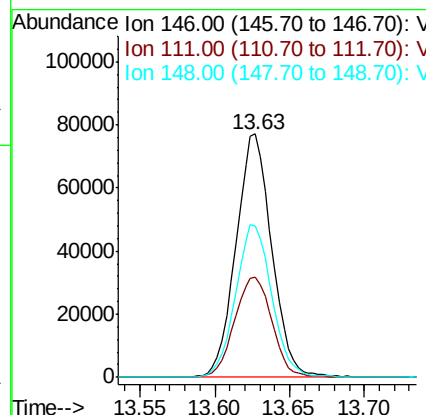
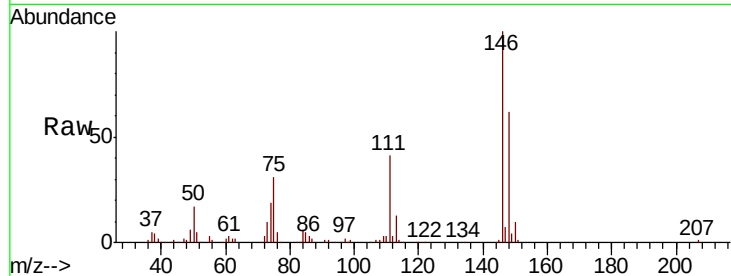




#87
 1,2-Dichlorobenzene
 Concen: 17.976 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

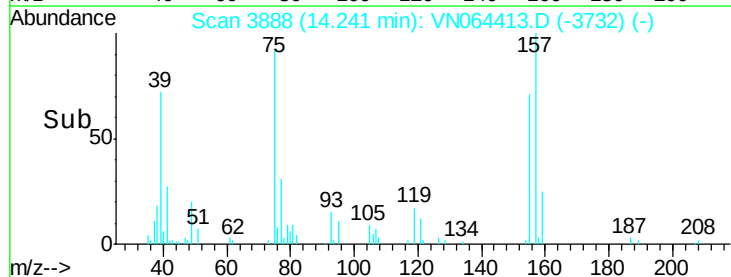
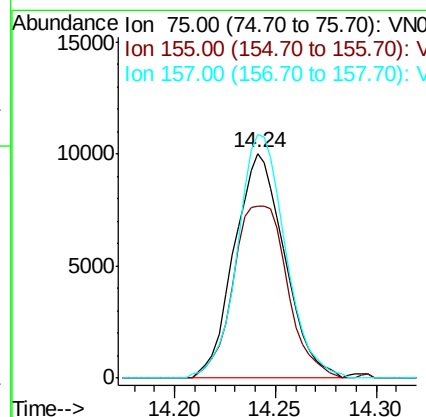
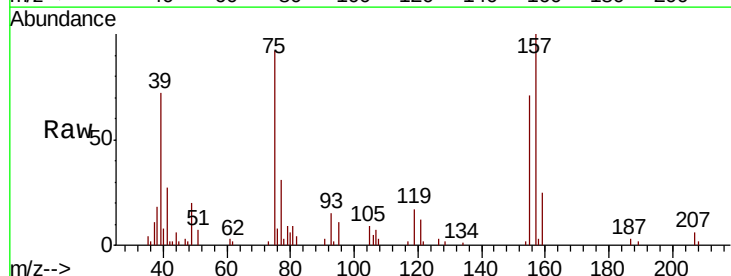
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

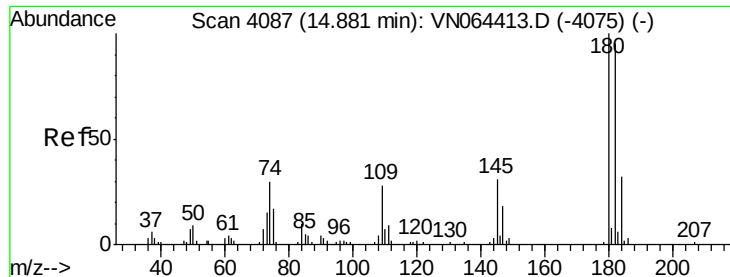
Tot Ion:146 Resp: 128662
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 64.0
 148 63.4 31.7 95.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 14.881 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion: 75 Resp: 17488
 Ion Ratio Lower Upper
 75 100
 155 82.7 66.2 99.2
 157 103.4 82.7 124.1

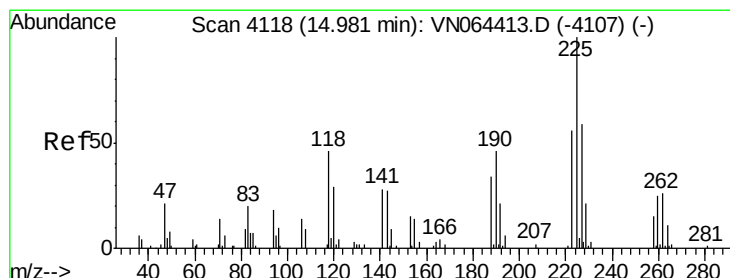
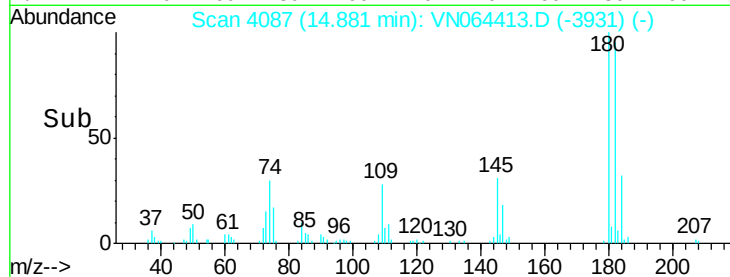
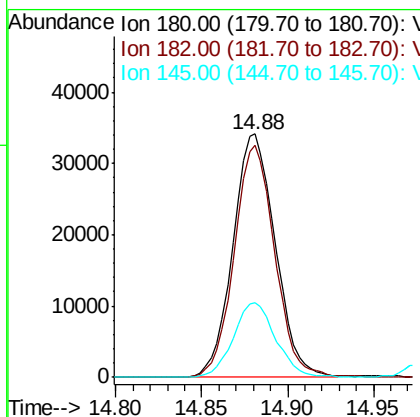
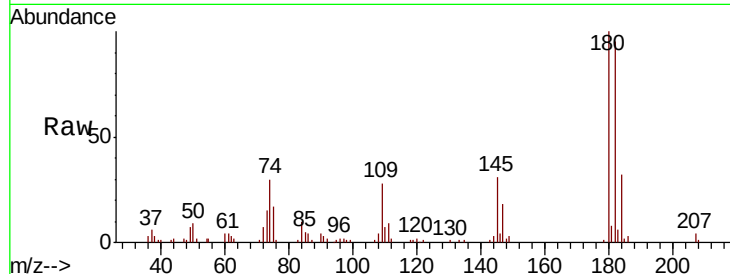




#89
 1,2,4-Trichlorobenzene
 Concen: 14.858 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

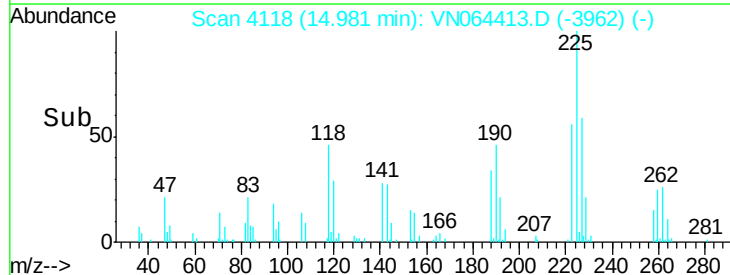
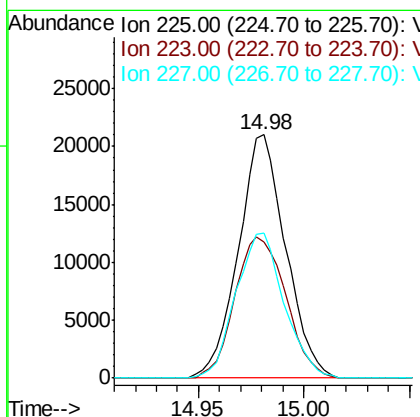
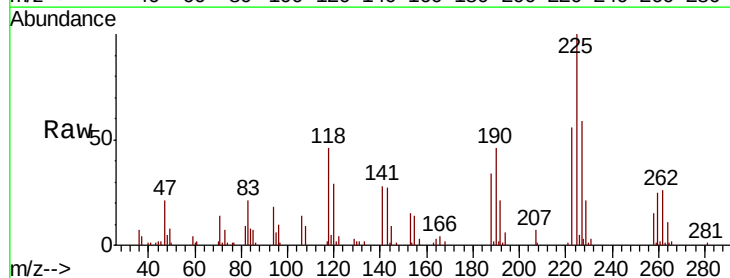
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

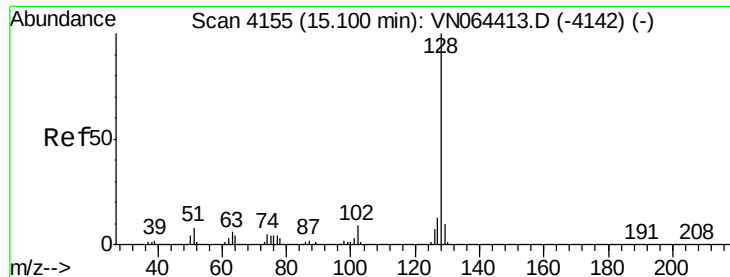
Tot Ion:180 Resp: 58727
 Ion Ratio Lower Upper
 180 100
 182 90.7 72.6 108.8
 145 30.4 24.3 36.5



#90
 Hexachlorobutadiene
 Concen: 15.382 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064413.D
 Acq: 2 Nov 2020 14:14

Tgt Ion:225 Resp: 32775
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 125.6
 227 60.8 0.0 121.6





#91

Naphthalene

Concen: 14.135 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

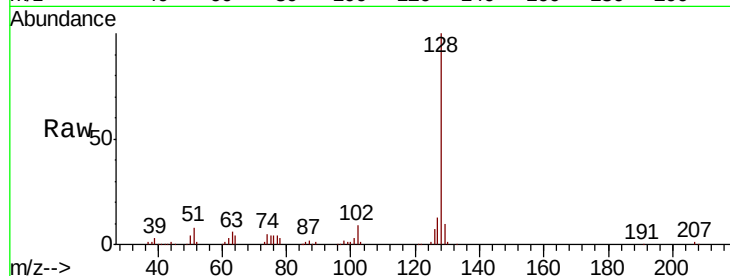
Tot Ion:128 Resp: 165266

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

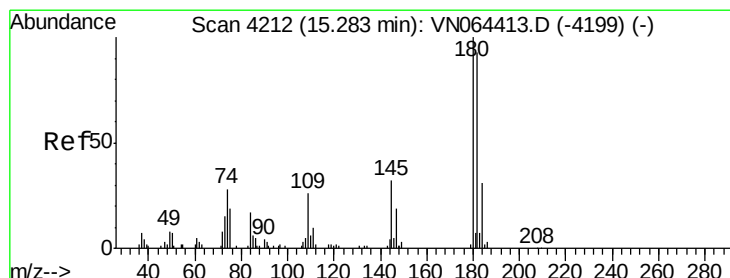
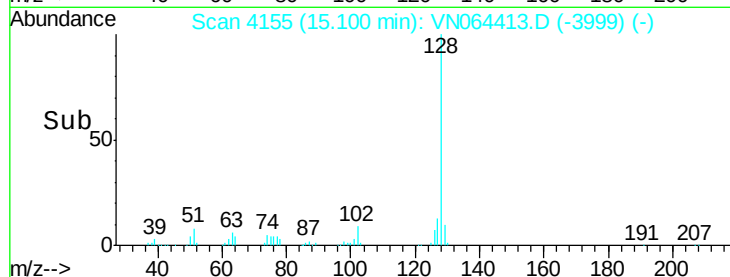
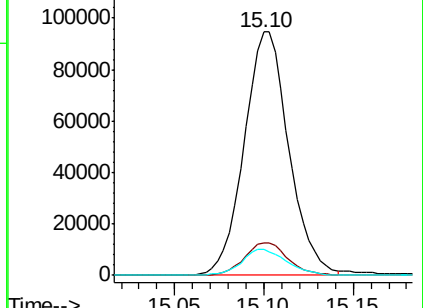
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 14.644 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064413.D

Acq: 2 Nov 2020 14:14

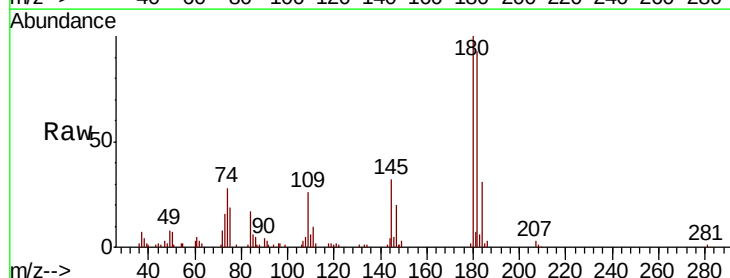
Tgt Ion:180 Resp: 55424

Ion Ratio Lower Upper

180 100

182 95.7 0.0 191.4

145 32.4 0.0 64.8



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

