

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064415.D
 Acq On : 2 Nov 2020 15:01
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Nov 02 15:21:44 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	60657	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	325166	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	306830	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	143852	26.83	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.43%#
60) 4-Bromofluorobenzene	12.37	95	158784	29.50	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.33%
63) Toluene-d8	10.06	98	411816	30.20	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	386492	81.053	ug/l 98
3) Chloromethane	2.04	50	410626	90.653	ug/l 97
4) Vinyl Chloride	2.16	62	417590	93.759	ug/l 99
5) Bromomethane	2.52	94	265813	95.978	ug/l 98
6) Chloroethane	2.67	64	247055	98.319	ug/l 97
7) Trichlorofluoromethane	2.98	101	680709	97.802	ug/l 95
8) Diethyl Ether	3.37	74	211526	96.556	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	339382	95.712	ug/l 99
10) 1,1-Dichloroethene	3.70	96	328726	97.421	ug/l 94
11) Methyl Iodide	3.91	142	480657	100.375	ug/l 98
12) Methyl Acetate	4.27	43	354371	89.619	ug/l 100
13) Acrolein	3.57	56	189346	650.646	ug/l 91
14) Acrylonitrile	4.93	53	815730	471.702	ug/l 99
15) Acetone	3.77	58	259982	500.539	ug/l 90
16) Carbon Disulfide	4.01	76	949933	94.710	ug/l 99
17) Allyl chloride	4.28	41	627873	98.418	ug/l 91
18) Methylene Chloride	4.50	84	377129	97.565	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	370982	99.851	ug/l 92
20) Diisopropyl ether	5.90	45	1285557	98.890	ug/l 96
21) 1,1-Dichloroethane	5.79	63	691175	94.805	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	436479	102.041	ug/l 98
23) tert-Butyl Alcohol	4.73	59	305988	395.781	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	1199470	94.761	ug/l # 64
25) Chloroform	7.33	83	740611	97.900	ug/l 98
26) Cyclohexane	7.61	56	569474	96.046	ug/l 97
29) 1,1-Dichloropropene	7.75	75	564188	102.365	ug/l 88
30) 2-Butanone	6.78	43	1280596	489.874	ug/l 100
31) 2,2-Dichloropropane	6.77	77	668830	100.592	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	713990	102.249	ug/l 99
33) Carbon Tetrachloride	7.73	117	648542	101.725	ug/l 95
34) Benzene	8.00	78	1553938	103.779	ug/l # 90
35) Methacrylonitrile	7.13	41	224352	84.363	ug/l 93
36) 1,2-Dichloroethane	8.08	62	613248	93.384	ug/l 99
37) Trichloroethene	8.80	130	438309	106.982	ug/l 93
38) Methylcyclohexane	9.05	83	507416	95.625	ug/l 98
39) 1,2-Dichloropropane	9.08	63	405540	101.998	ug/l 99
40) Dibromomethane	9.17	93	288590	103.149	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	610381	101.185	ug/l	97
42) Vinyl Acetate	5.84	43	5501537	500.239	ug/l	99
43) Ethyl Acetate	6.88	43	506494	98.946	ug/l #	81
44) Isopropyl Acetate	8.12	43	887947	93.046	ug/l #	82
45) 1,4-Dioxane	9.16	88	125522	1733.796	ug/l	94
46) Methyl methacrylate	9.16	41	444666	95.652	ug/l	96
47) n-amyl Acetate	12.04	43	802918	99.934	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	687097	102.607	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	714966	103.502	ug/l	94
50) 1,1,2-Trichloroethane	10.53	97	390649	104.438	ug/l	94
51) Ethyl methacrylate	10.40	69	595465	103.745	ug/l	92
52) 1,3-Dichloropropane	10.68	76	670064	102.359	ug/l	99
53) Dibromochloromethane	10.87	129	496506	108.855	ug/l	99
54) 1,2-Dibromoethane	10.97	107	420321	105.282	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	1504904	523.988	ug/l	99
56) Bromoform	12.10	173	366746	113.610	ug/l	99
58) 4-Methyl-2-Pentanone	9.95	43	2560168	465.884	ug/l	98
59) 2-Hexanone	10.72	43	1920439	464.034	ug/l	98
61) Tetrachloroethene	10.60	164	422527	102.892	ug/l	97
62) Toluene	10.12	91	1760486	103.901	ug/l	99
64) Chlorobenzene	11.40	112	1108469	104.776	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	441155	105.699	ug/l	100
66) Ethyl Benzene	11.48	91	1981195	103.349	ug/l	97
67) m/p-Xylenes	11.59	106	1510114	212.688	ug/l	97
68) o-Xylene	11.92	106	721884	103.591	ug/l	98
69) Styrene	11.94	104	1248009	108.263	ug/l	97
70) Isopropylbenzene	12.22	105	1855384	101.145	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	526800	101.728	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	766812	143.036	ug/l	60
73) Bromobenzene	12.50	156	490830	107.842	ug/l	98
74) n-propylbenzene	12.56	91	2109860	101.595	ug/l	99
75) 2-Chlorotoluene	12.65	91	1315326	101.987	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	1557734	101.102	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	206566	102.587	ug/l	95
78) 4-Chlorotoluene	12.75	91	1378488	102.398	ug/l	96
79) tert-butylbenzene	12.97	119	1269132	99.694	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	1577206	101.338	ug/l	98
81) sec-Butylbenzene	13.14	105	1574395	96.005	ug/l	100
82) p-Isopropyltoluene	13.26	119	1477731	98.309	ug/l	98
83) 1,3-Dichlorobenzene	13.25	146	852626	108.529	ug/l	100
84) 1,4-Dichlorobenzene	13.33	146	851224	107.634	ug/l	100
85) n-Butylbenzene	13.59	91	1210037	93.107	ug/l	97
86) Hexachloroethane	13.85	117	283841	101.917	ug/l	96
87) 1,2-Dichlorobenzene	13.62	146	819183	105.826	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	120747	95.002	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	423821	99.145	ug/l	96
90) Hexachlorobutadiene	14.98	225	203048	88.111	ug/l	96
91) Naphthalene	15.10	128	1279471	101.186	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	410175	100.205	ug/l	99

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QLast Update : Mon Nov 02 15:04:18 2020
Response via : Initial Calibration

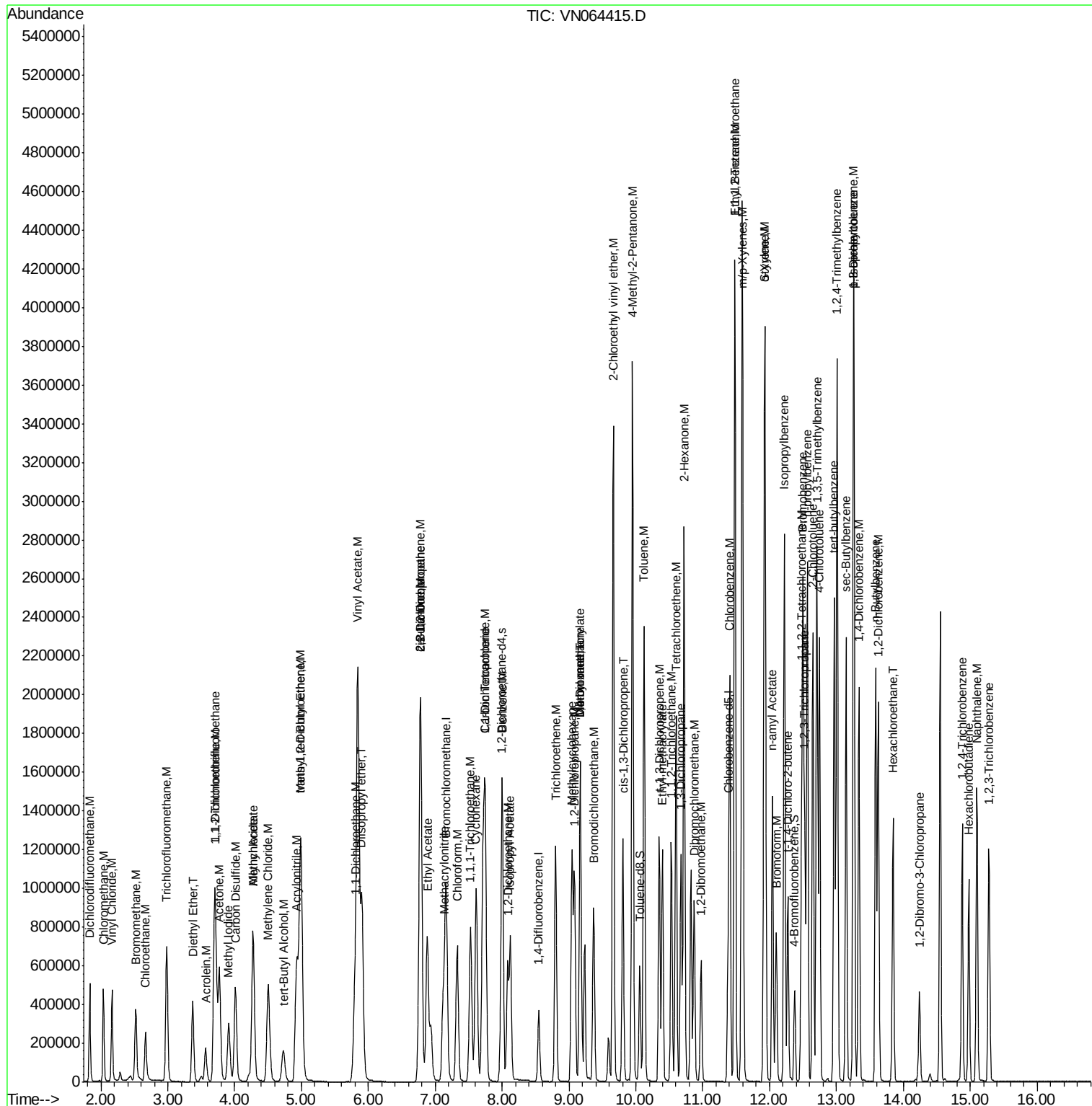
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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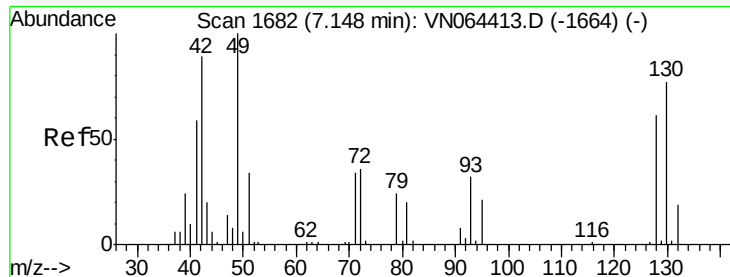
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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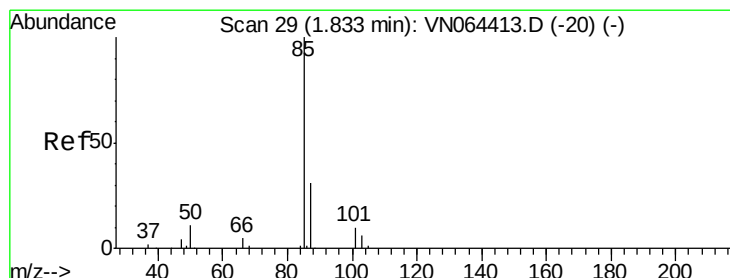
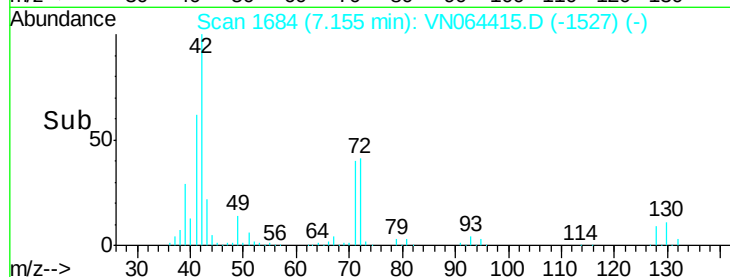
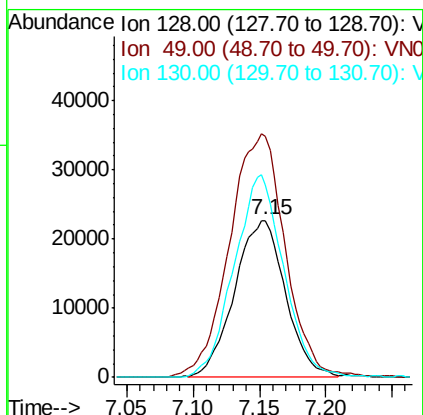
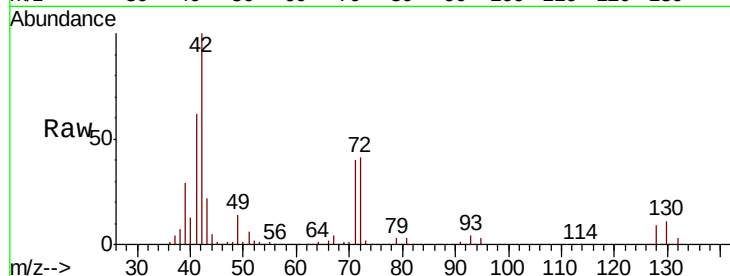




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

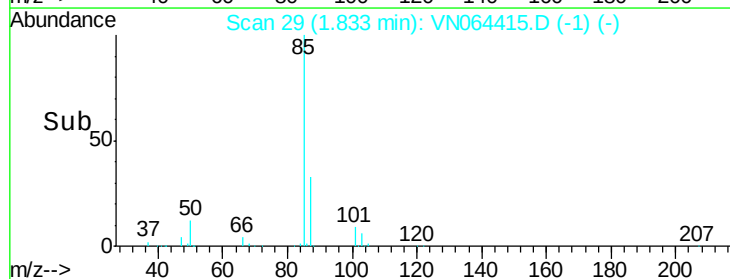
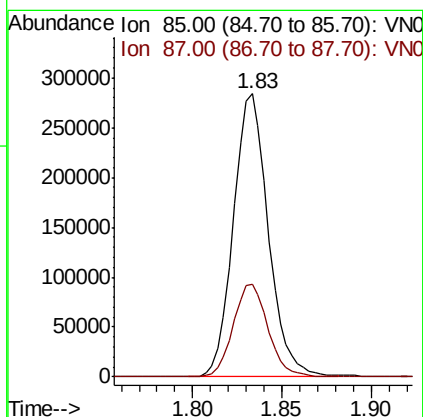
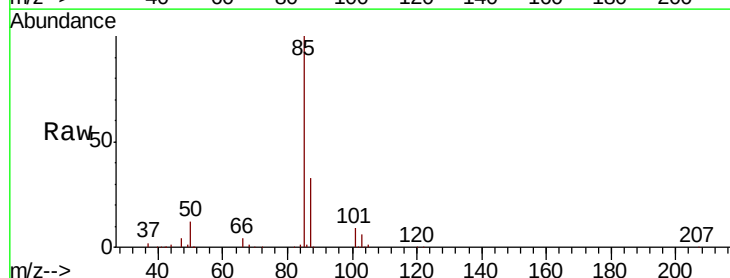
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

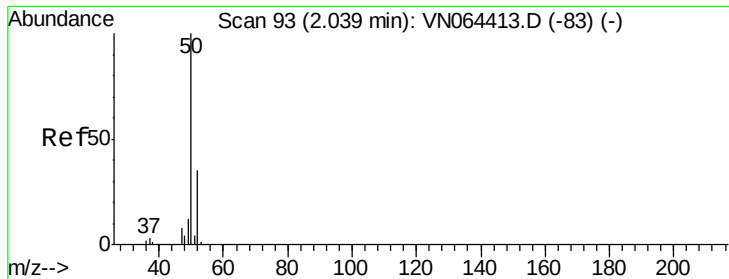
Tot Ion:128 Resp: 60657
Ion Ratio Lower Upper
128 100
49 169.9 0.0 423.5
130 125.4 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 81.053 ug/l
RT: 1.83 min Scan# 29
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 85 Resp: 386492
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





#3

Chloromethane

Concen: 90.653 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

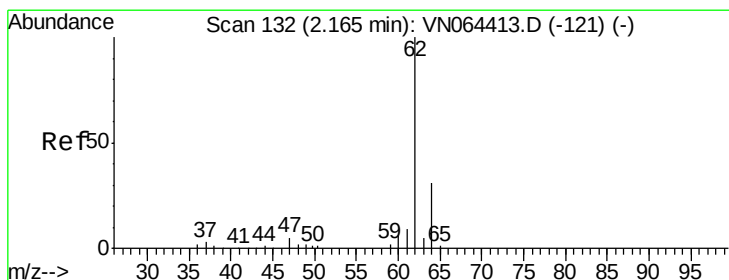
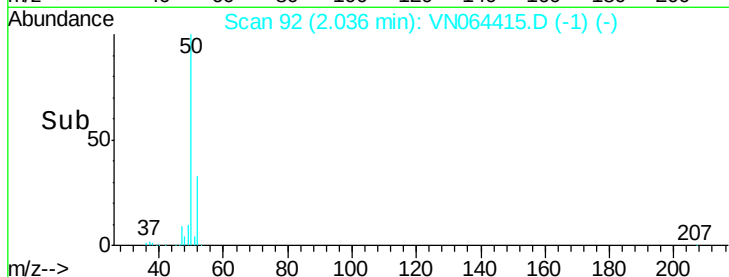
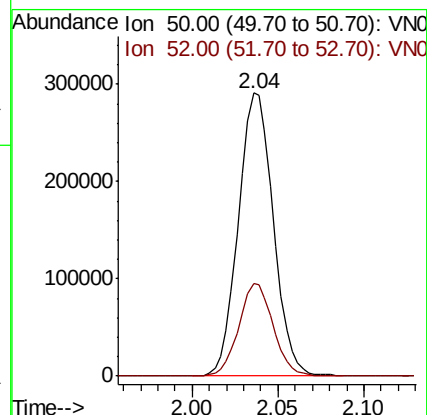
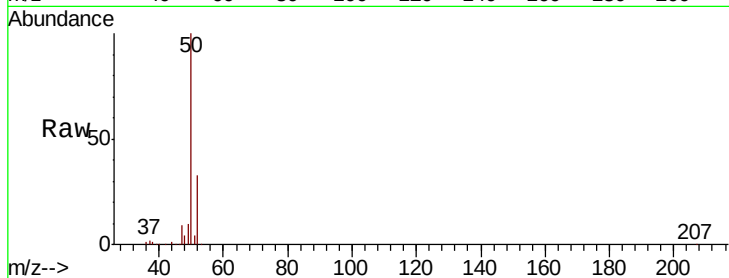
VSTDIC100

Tot Ion: 50 Resp: 410626

Ion Ratio Lower Upper

50 100

52 32.9 27.7 41.5



#4

Vinyl Chloride

Concen: 93.759 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064415.D

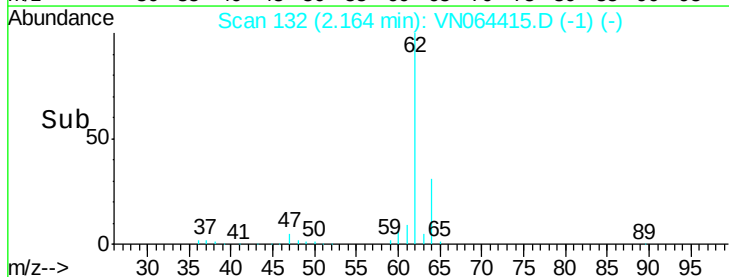
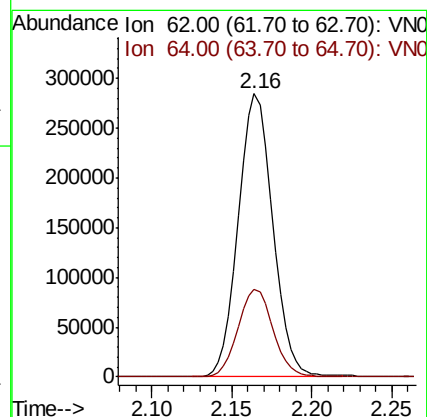
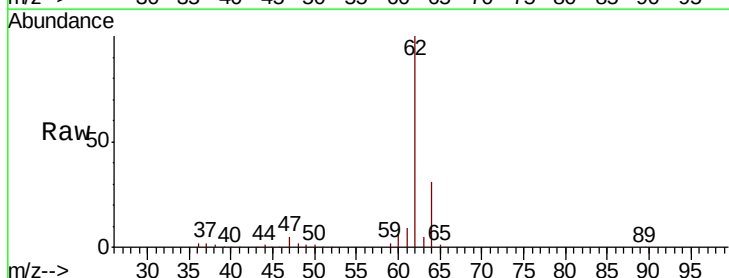
Acq: 2 Nov 2020 15:01

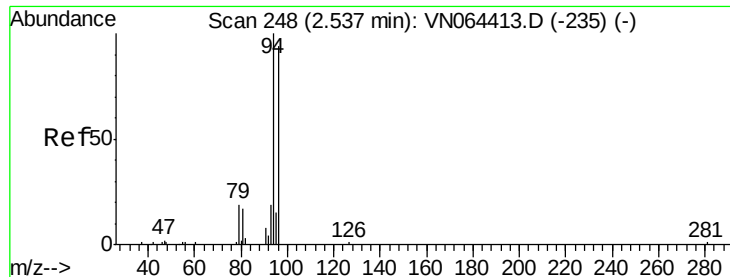
Tgt Ion: 62 Resp: 417590

Ion Ratio Lower Upper

62 100

64 31.0 24.5 36.7





#5

Bromomethane

Concen: 95.978 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

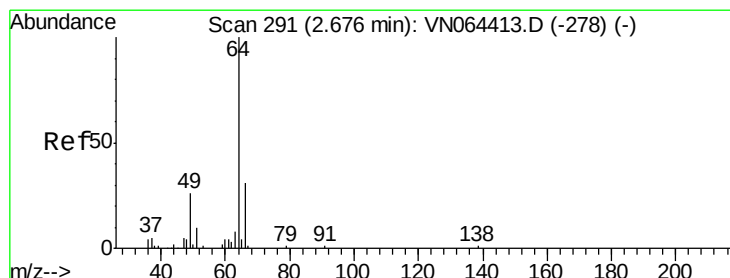
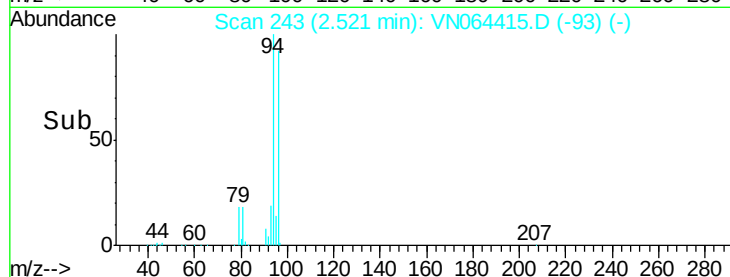
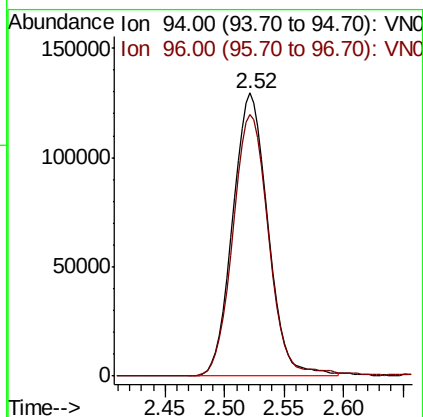
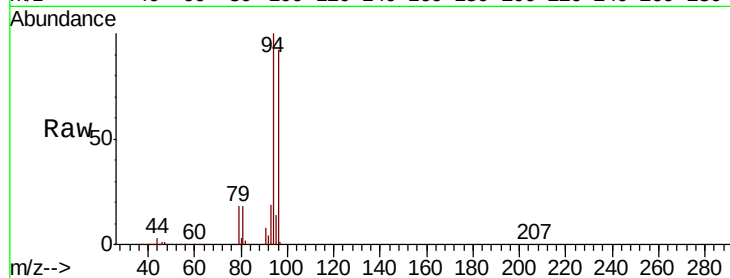
VSTDIC100

Tot Ion: 94 Resp: 265813

Ion Ratio Lower Upper

94 100

96 92.4 75.2 112.8



#6

Chloroethane

Concen: 98.319 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064415.D

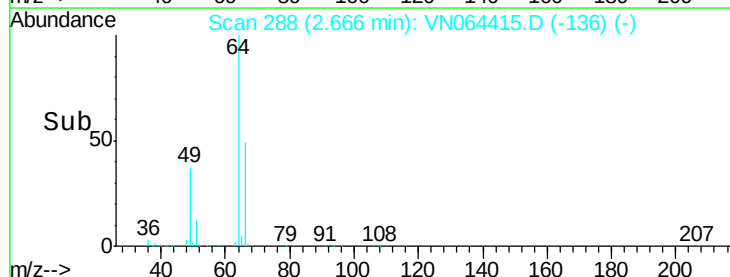
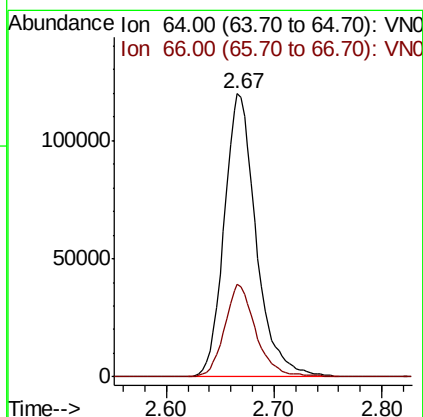
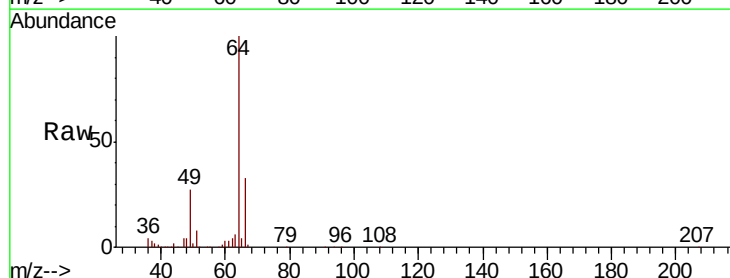
Acq: 2 Nov 2020 15:01

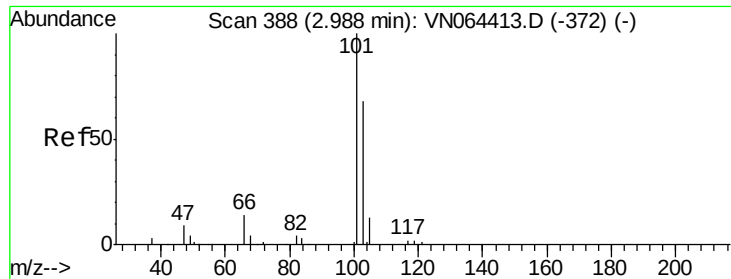
Tgt Ion: 64 Resp: 247055

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.4



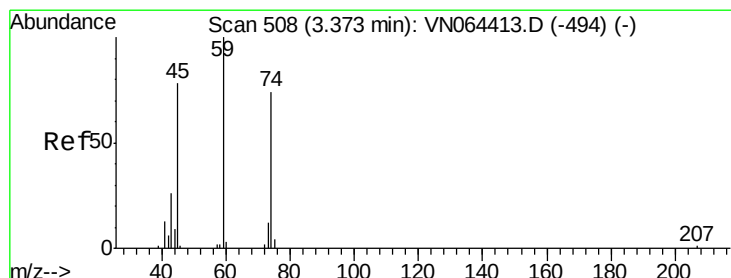
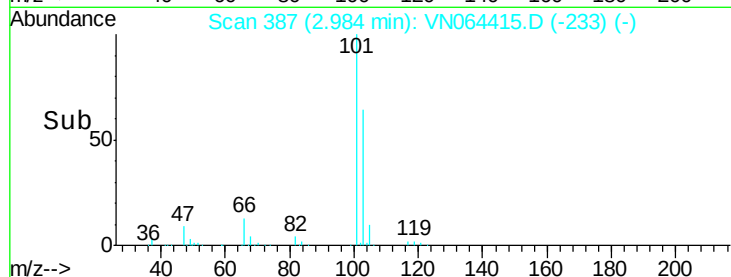
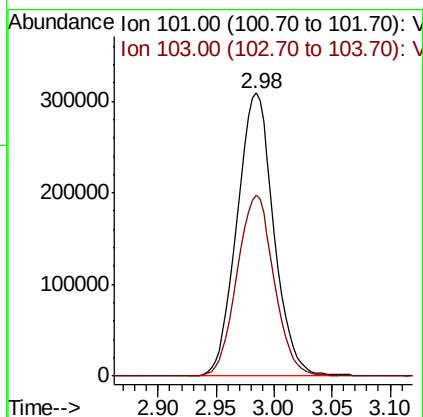
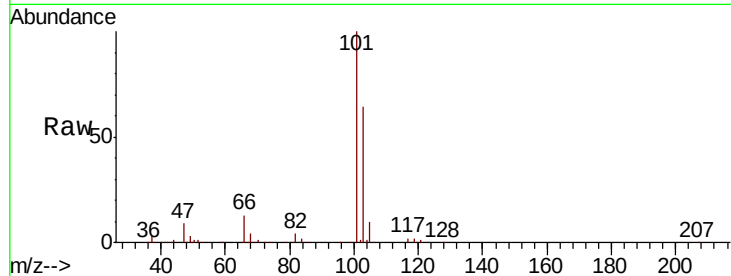


#7

Trichlorofluoromethane
Concen: 97.802 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

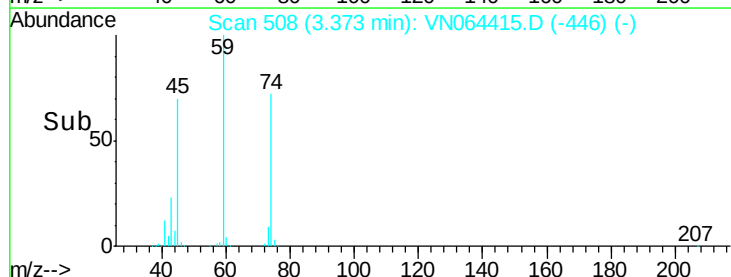
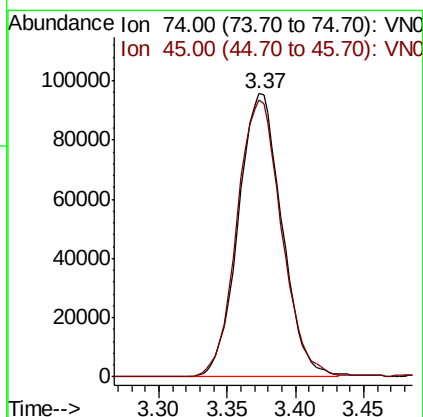
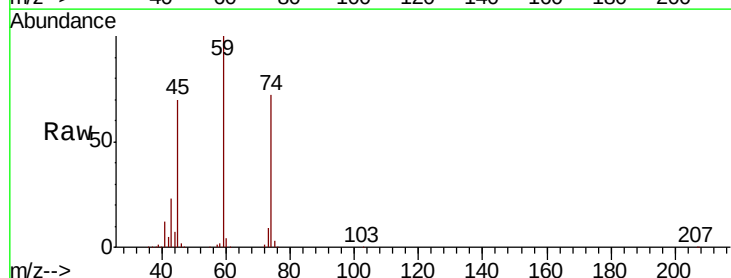
Tot Ion:101 Resp: 680709
Ion Ratio Lower Upper
101 100
103 64.0 54.6 81.8

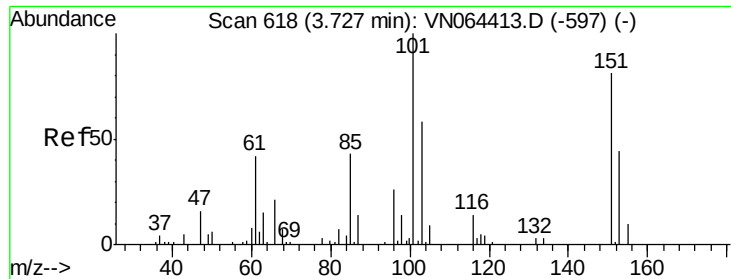


#8

Diethyl Ether
Concen: 96.556 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 74 Resp: 211526
Ion Ratio Lower Upper
74 100
45 99.4 21.2 190.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.712 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

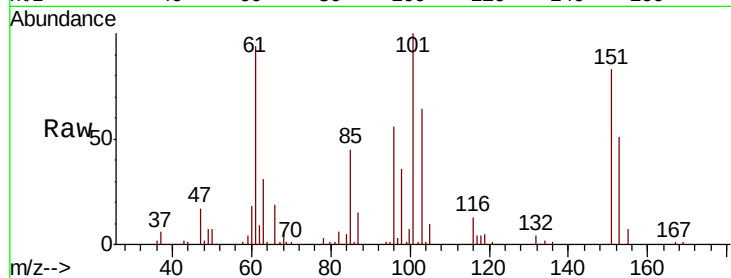
Tot Ion:101 Resp: 339382

Ion Ratio Lower Upper

101 100

85 45.0 0.0 89.6

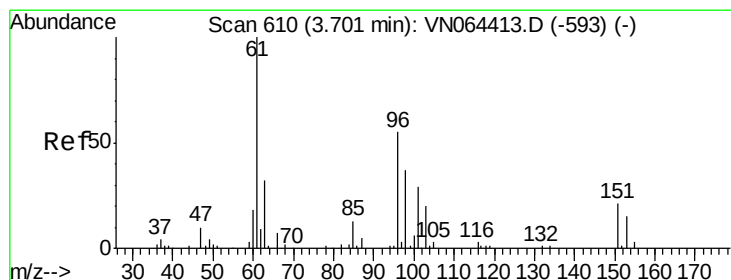
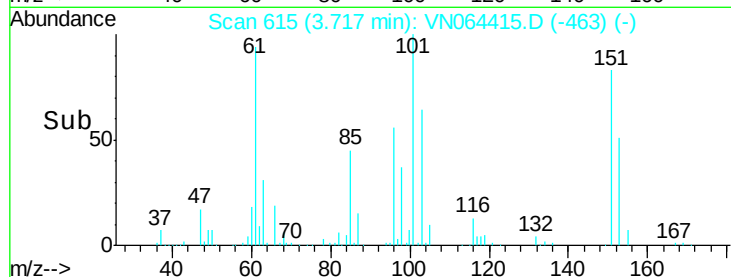
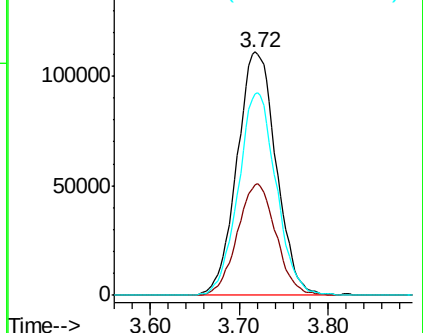
151 80.6 0.0 158.8



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: 97.421 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

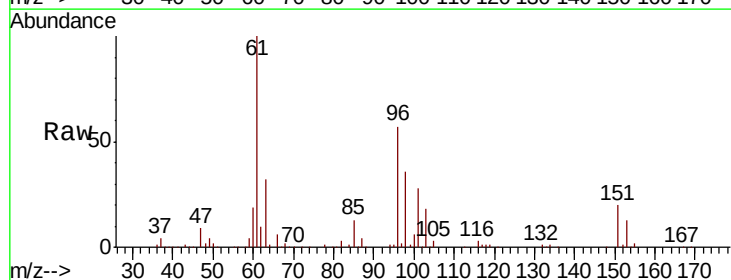
Tgt Ion: 96 Resp: 328726

Ion Ratio Lower Upper

96 100

61 174.0 145.6 218.4

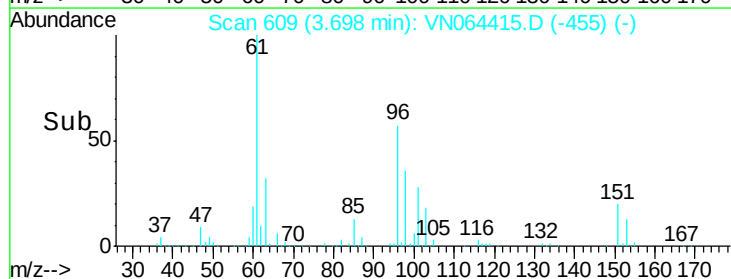
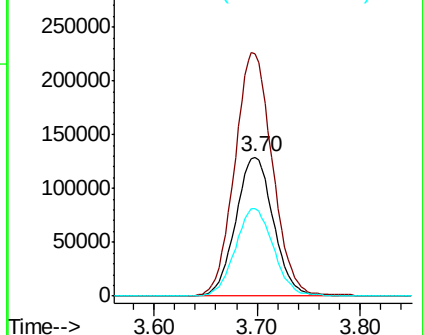
98 63.1 53.9 80.9

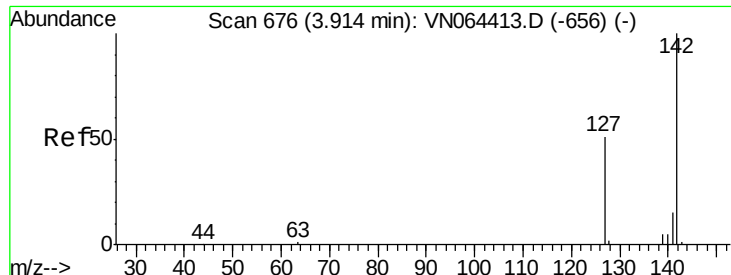


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

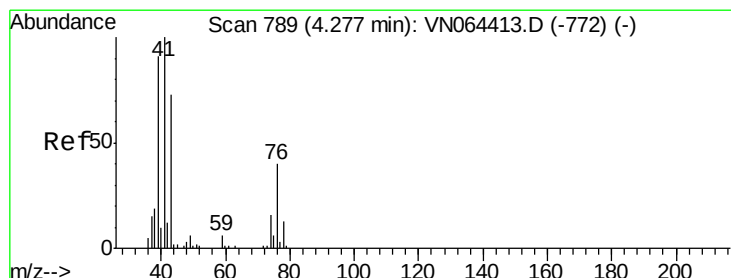
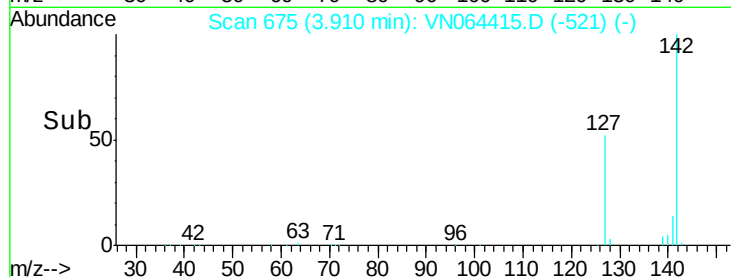
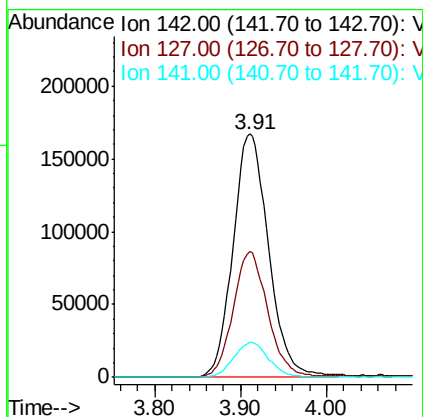
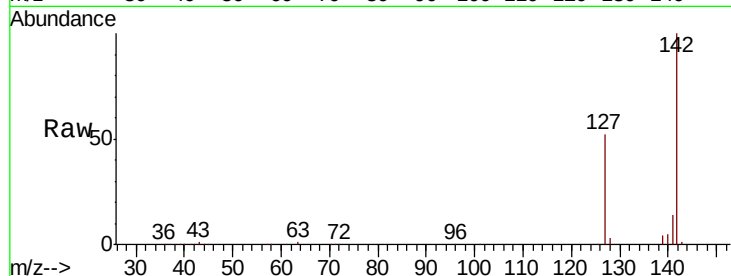




#11
Methvl Iodide
Concen: 100.375 ug/l
RT: 3.91 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

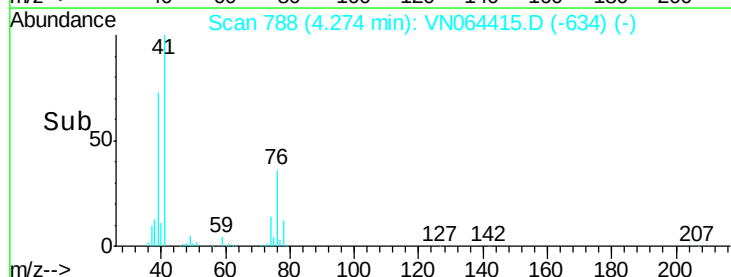
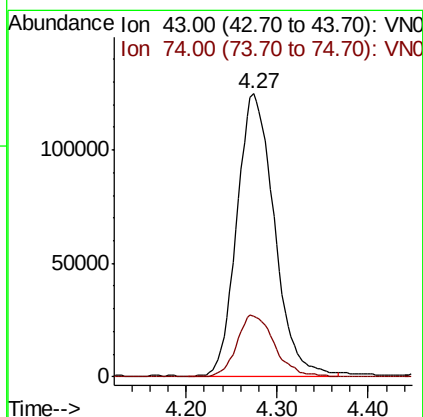
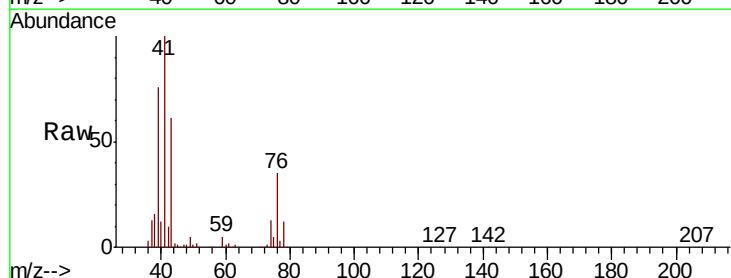
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

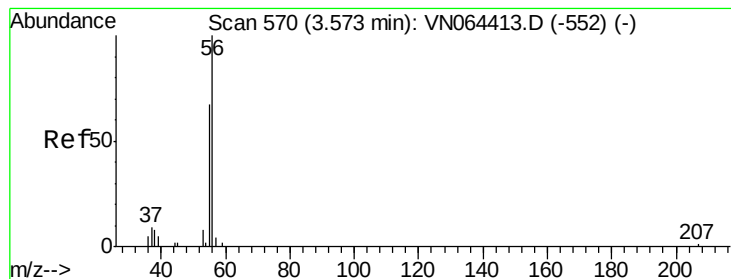
Tot Ion:142 Resp: 480657
Ion Ratio Lower Upper
142 100
127 51.7 25.4 76.2
141 14.4 7.8 23.3



#12
Methyl Acetate
Concen: 89.619 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 43 Resp: 354371
Ion Ratio Lower Upper
43 100
74 21.6 17.1 25.7





#13

Acrolein

Concen: 650.646 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

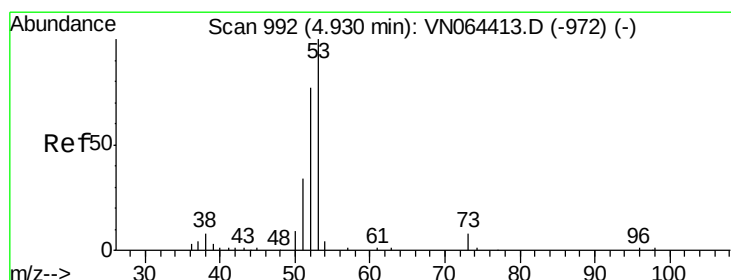
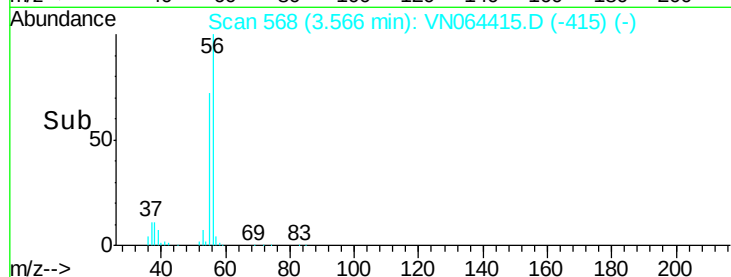
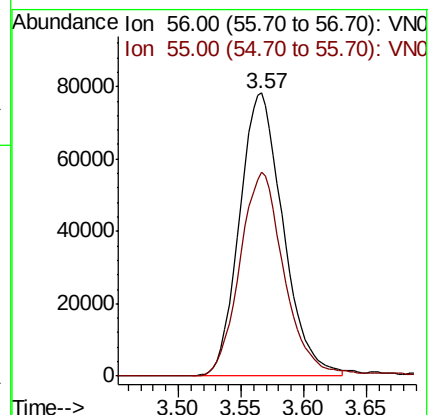
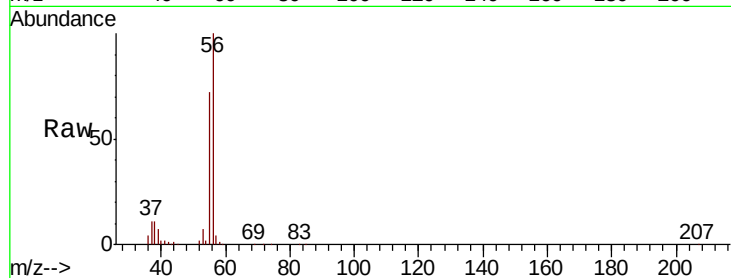
VSTDIC100

Tot Ion: 56 Resp: 189346

Ion Ratio Lower Upper

56 100

55 73.0 52.5 78.7



#14

Acrylonitrile

Concen: 471.702 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

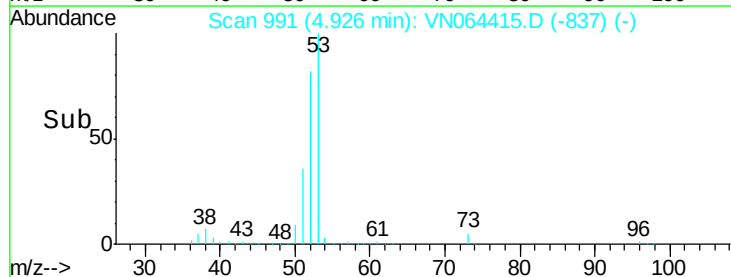
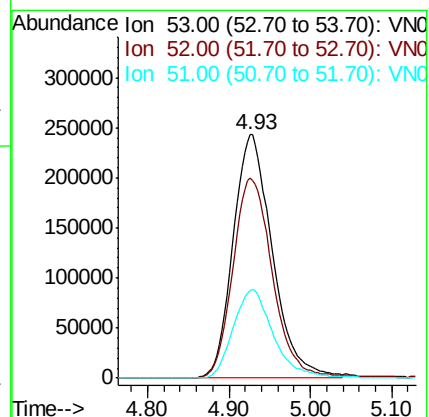
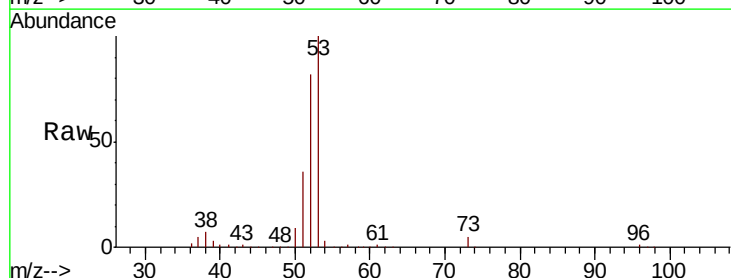
Tgt Ion: 53 Resp: 815730

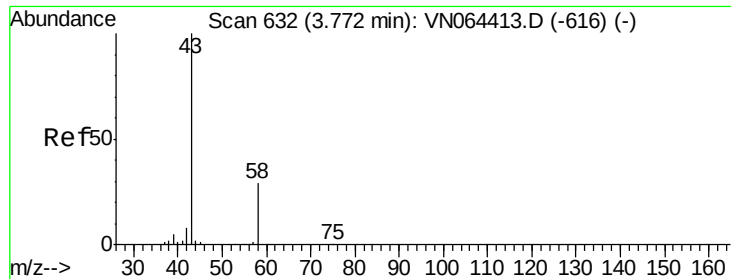
Ion Ratio Lower Upper

53 100

52 82.5 41.1 123.3

51 37.0 17.8 53.3





#15

Acetone

Concen: 500.539 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

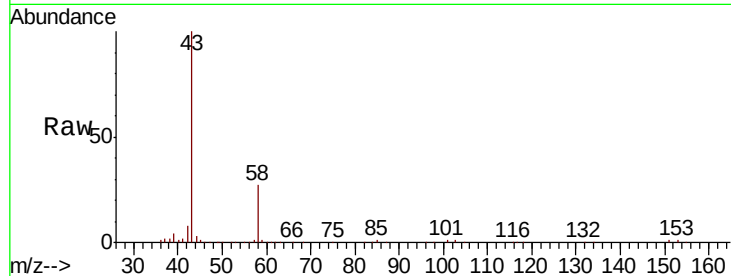
VSTDIC100

Tot Ion: 58 Resp: 259982

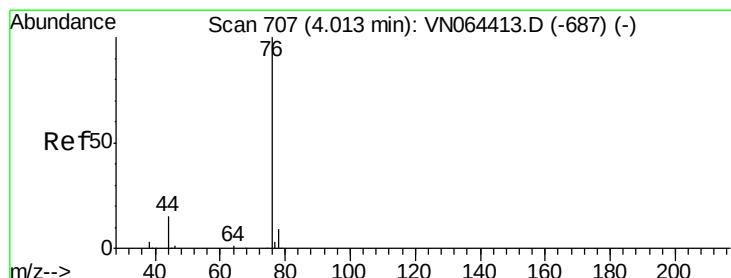
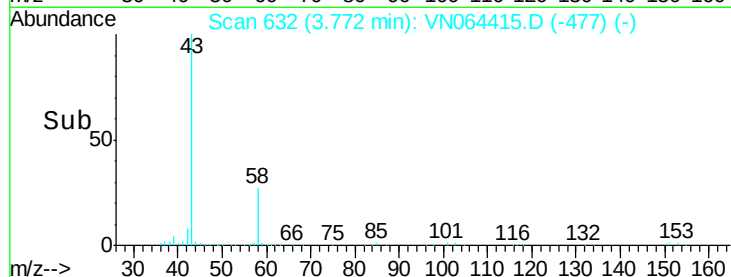
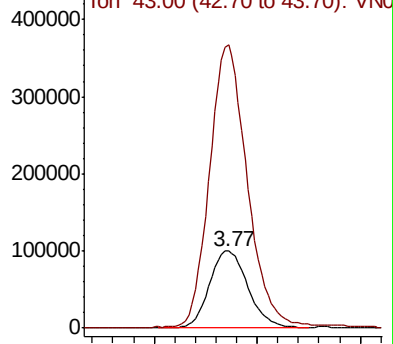
Ion Ratio Lower Upper

58 100

43 365.7 276.1 414.1



Abundance Ion 58.00 (57.70 to 58.70): VN064415.D (-477) (-)



#16

Carbon Disulfide

Concen: 94.710 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064415.D

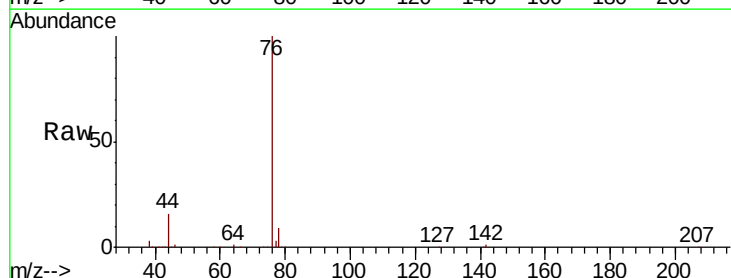
Acq: 2 Nov 2020 15:01

Tgt Ion: 76 Resp: 949933

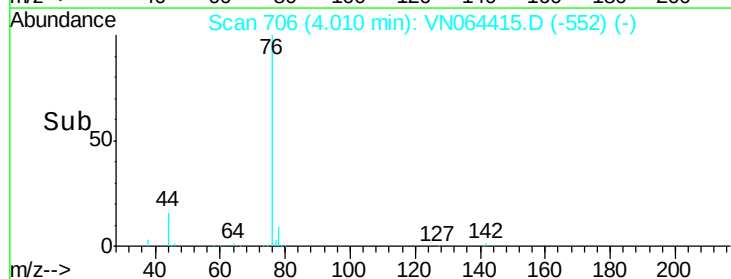
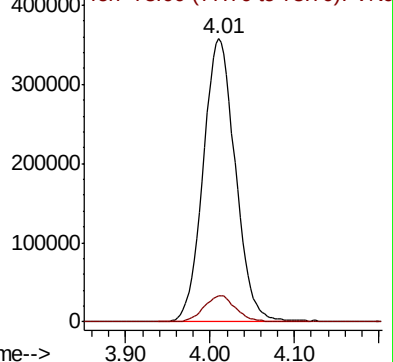
Ion Ratio Lower Upper

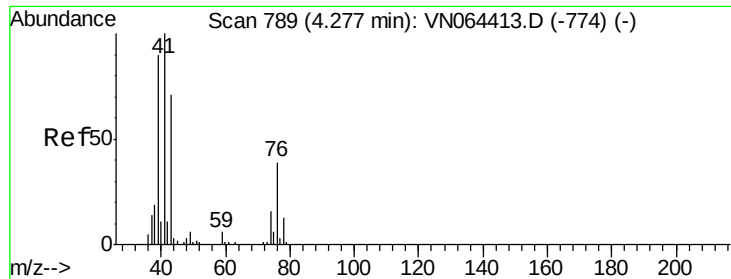
76 100

78 9.3 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VN064415.D (-552) (-)



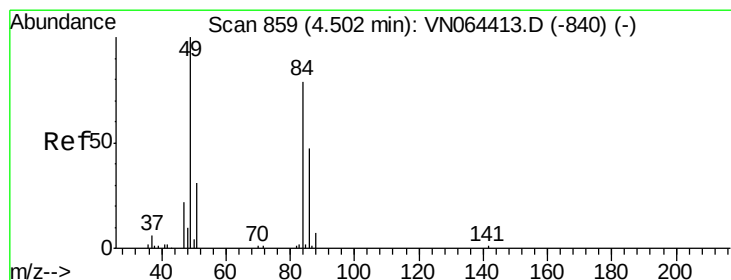
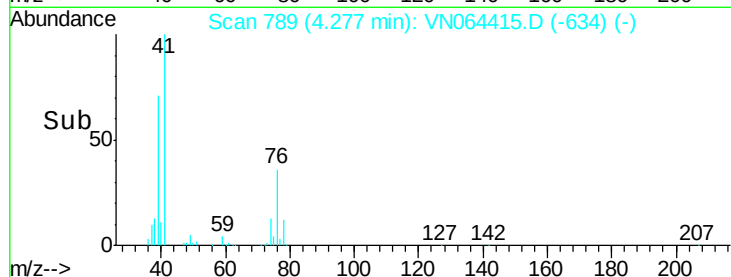
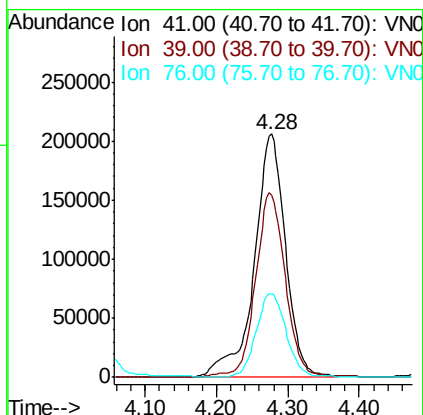
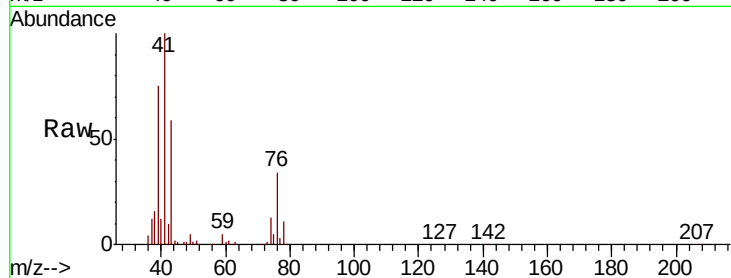


#17
 Allvl chloride
 Concen: 98.418 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 41 Resp: 627873

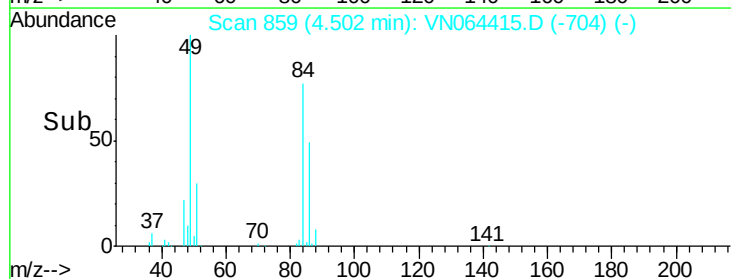
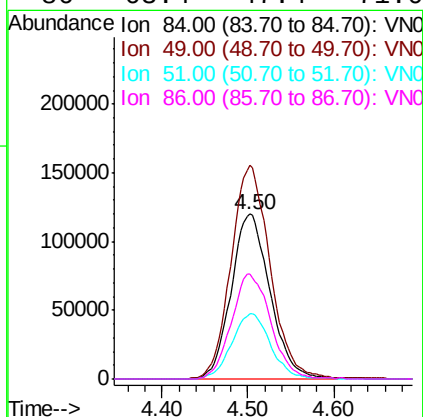
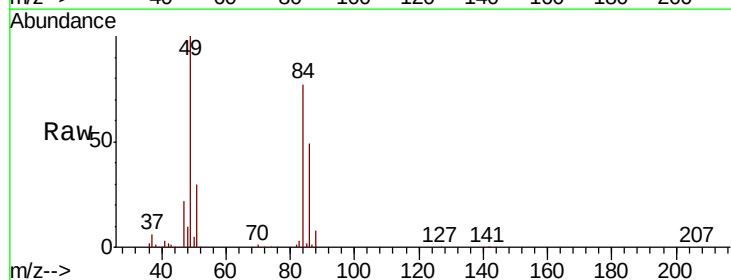
Ion	Ratio	Lower	Upper
41	100		
39	74.7	42.3	126.8
76	34.2	18.6	55.8

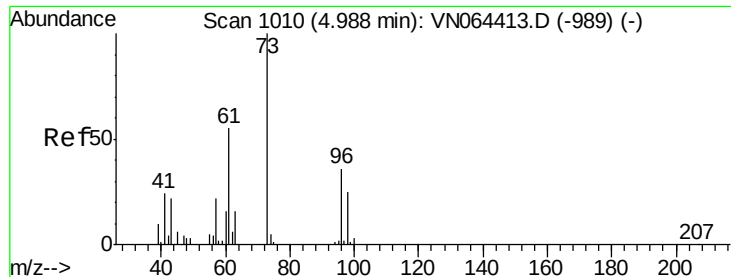


#18
 Methylene Chloride
 Concen: 97.565 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 84 Resp: 377129

Ion	Ratio	Lower	Upper
84	100		
49	129.1	101.0	151.4
51	39.4	31.2	46.8
86	63.4	47.4	71.0

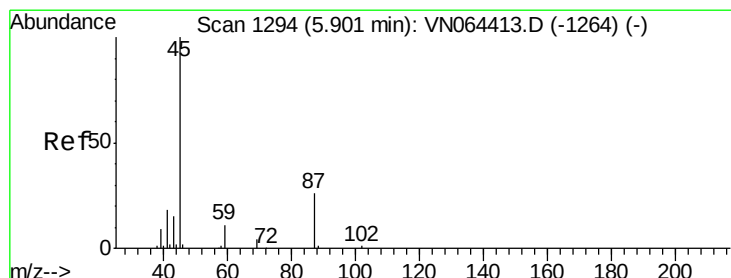
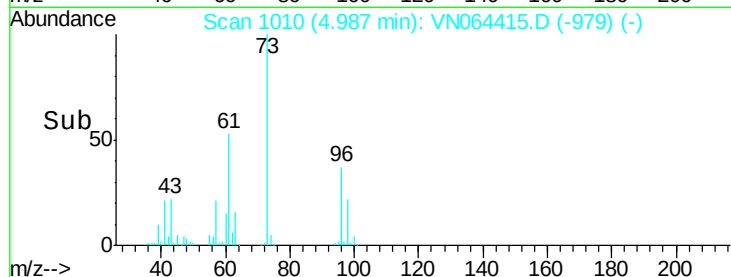
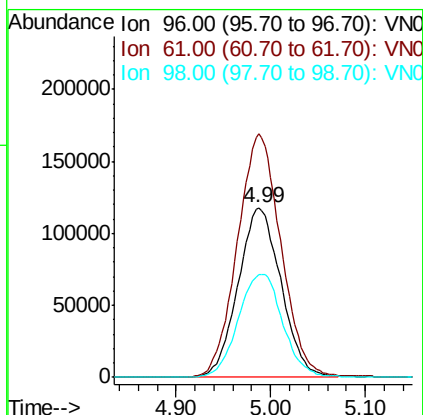
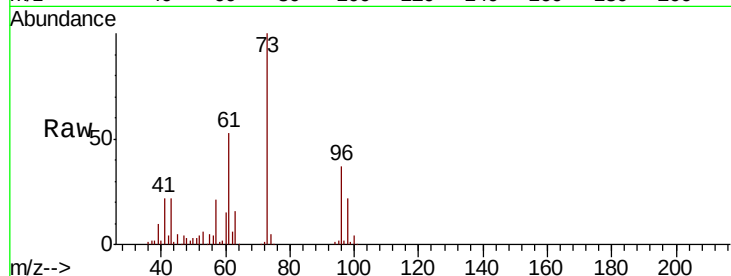




#19
trans-1,2-Dichloroethene
Concen: 99.851 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

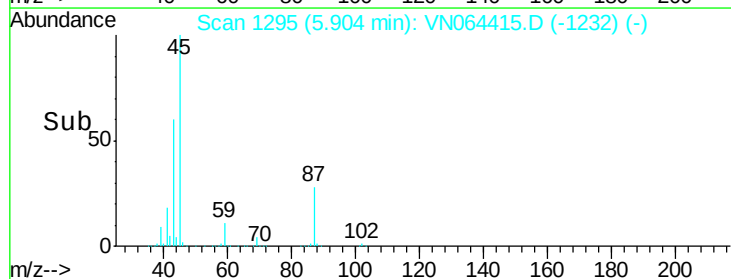
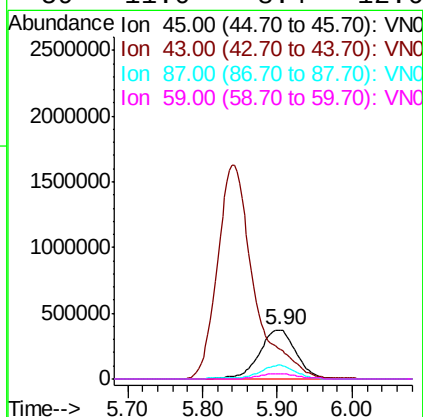
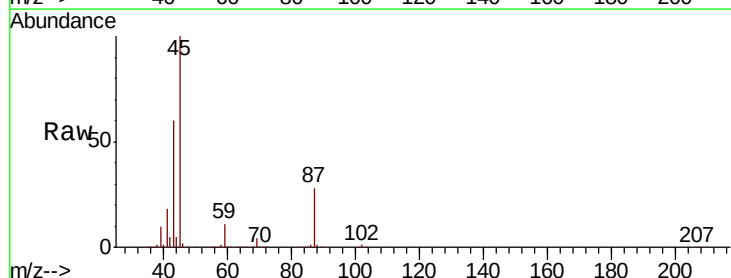
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

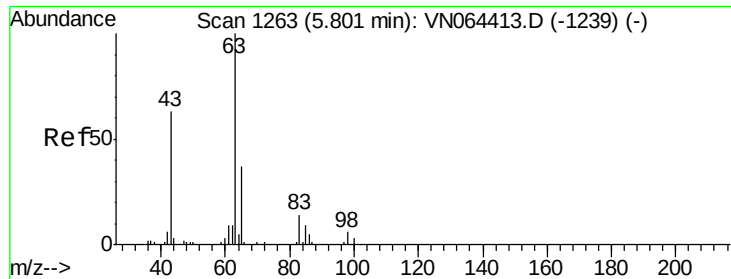
Tot Ion: 96 Resp: 370982
Ion Ratio Lower Upper
96 100
61 143.2 121.4 182.0
98 60.2 55.5 83.3



#20
Diisopropyl ether
Concen: 98.890 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 45 Resp: 1285557
Ion Ratio Lower Upper
45 100
43 58.0 49.6 74.4
87 27.4 21.0 31.6
59 11.0 8.4 12.6

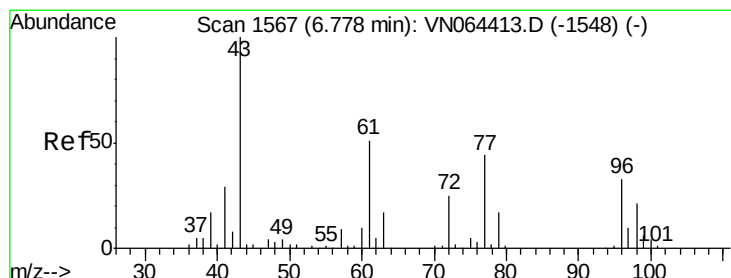
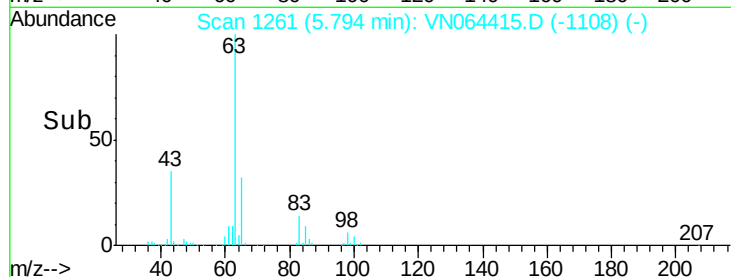
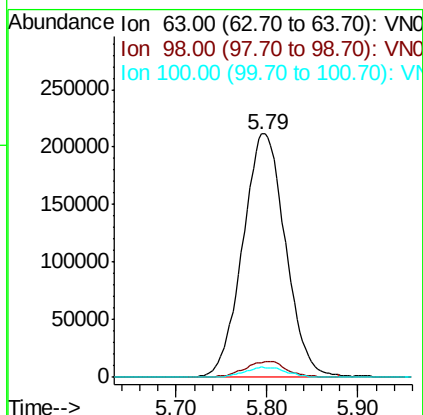
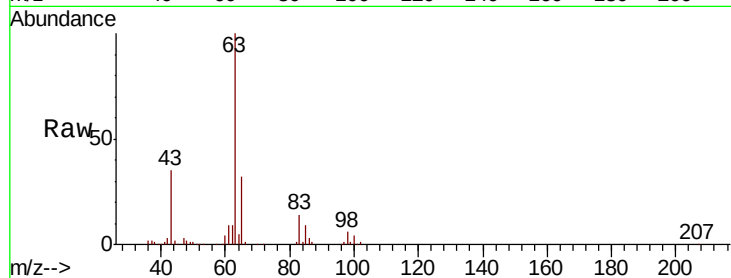




#21
 1,1-Dichloroethane
 Concen: 94.805 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

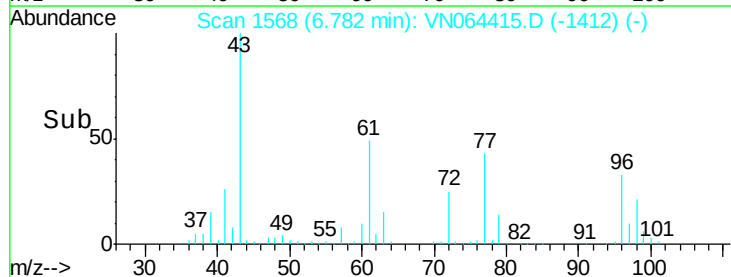
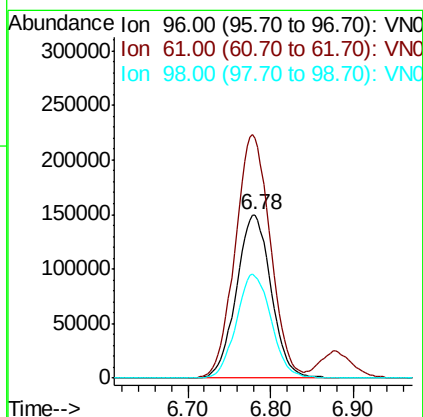
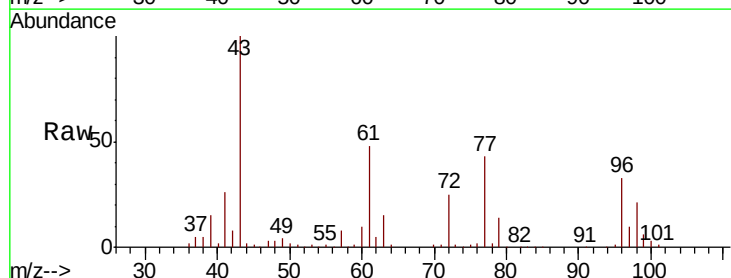
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

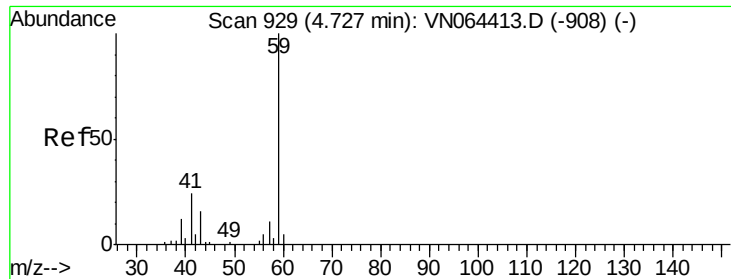
Tot Ion: 63 Resp: 691175
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 4.2 1.5 4.5



#22
 cis-1,2-Dichloroethene
 Concen: 102.041 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 96 Resp: 436479
 Ion Ratio Lower Upper
 96 100
 61 151.0 122.3 183.5
 98 63.7 49.6 74.4



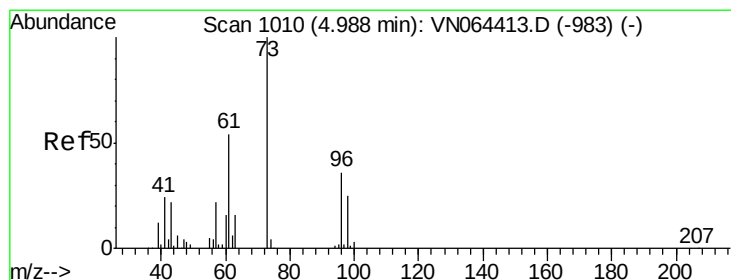
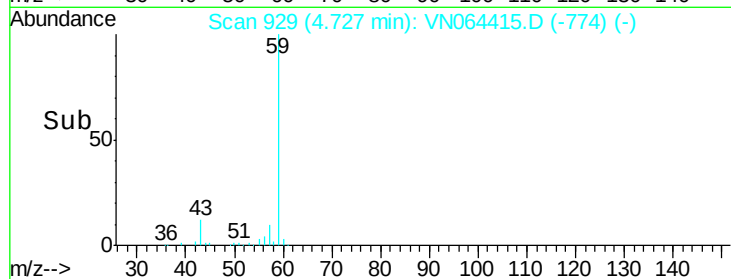
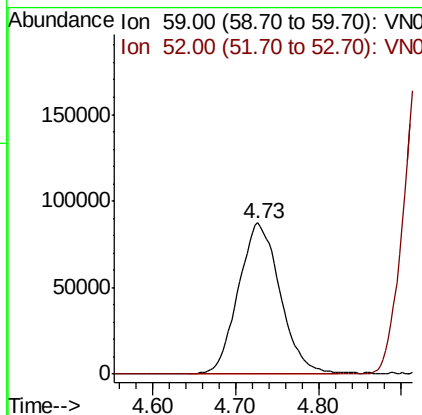
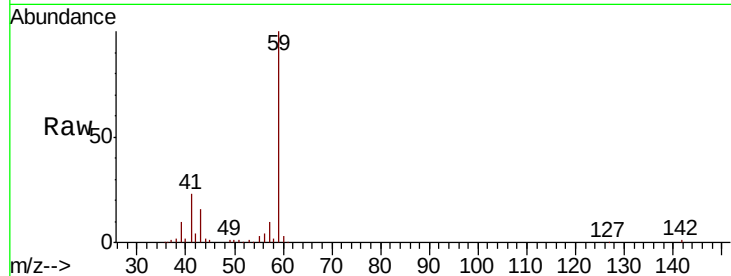


#23

tert-Butyl Alcohol
 Concen: 395.781 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

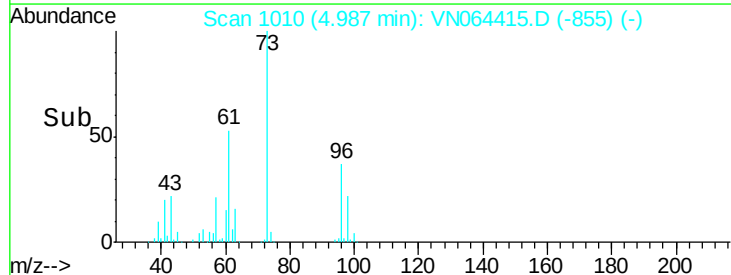
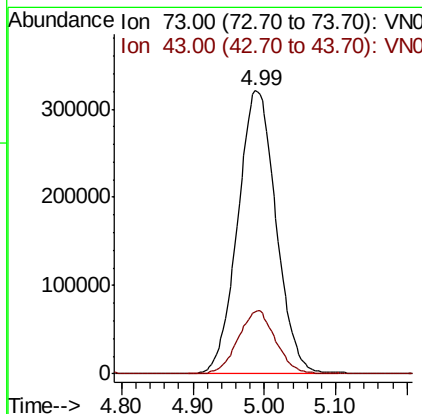
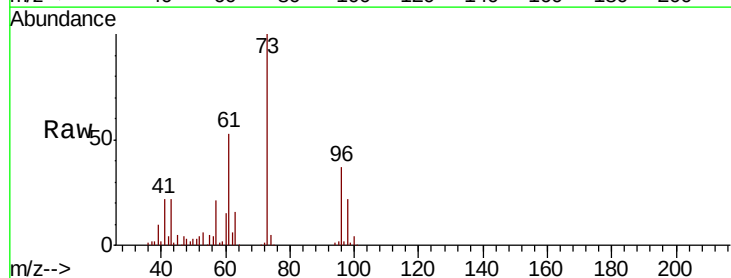
Tot Ion: 59 Resp: 305988
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

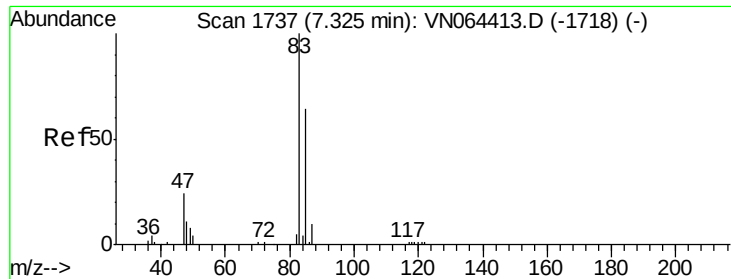


#24

Methyl tert-Butyl Ether
 Concen: 94.761 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 73 Resp: 1199470
 Ion Ratio Lower Upper
 73 100
 43 21.4 6.8 10.2#

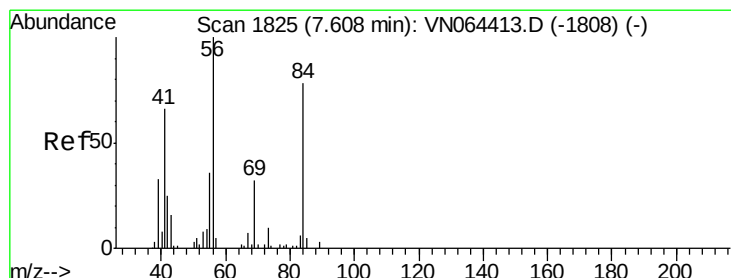
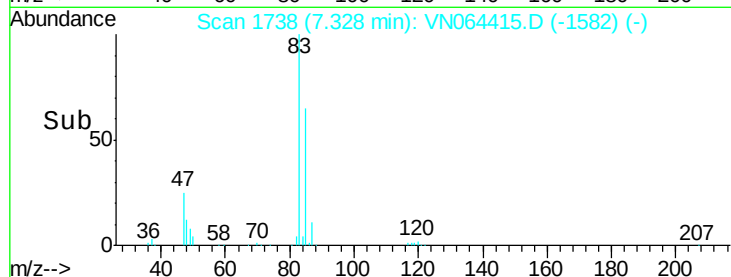
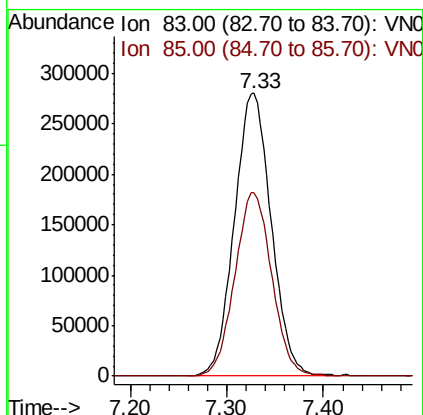
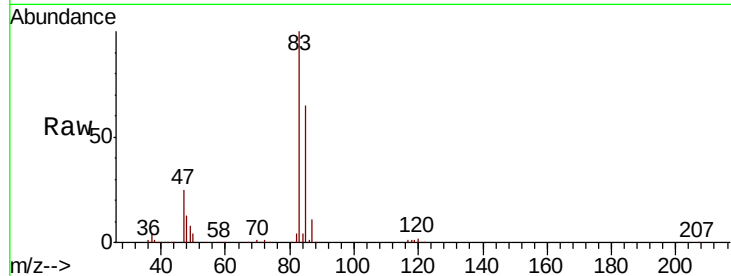




#25
Chloroform
Concen: 97.900 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

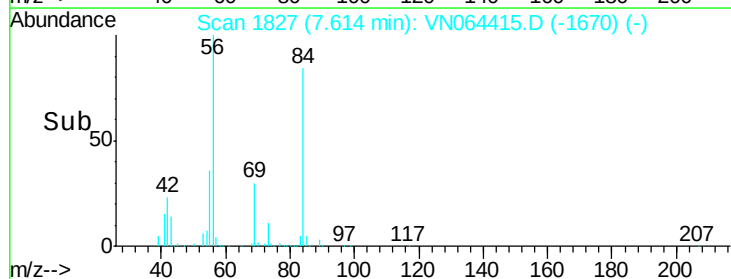
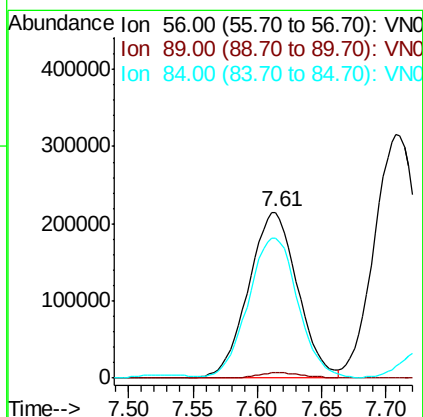
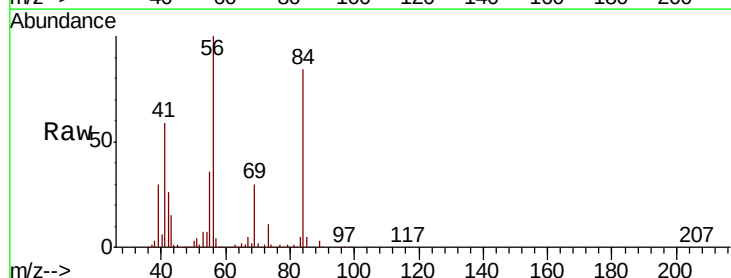
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

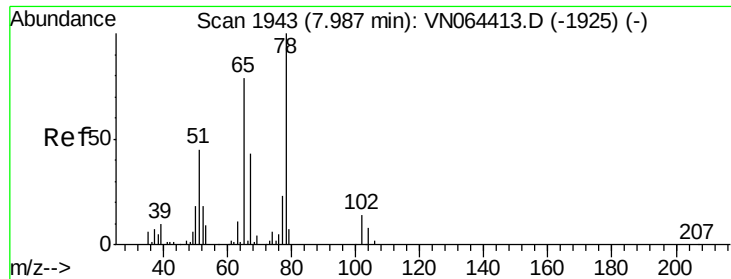
Tot Ion: 83 Resp: 740611
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.4



#26
Cyclohexane
Concen: 96.046 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 56 Resp: 569474
Ion Ratio Lower Upper
56 100
89 3.0 2.3 3.5
84 84.3 69.4 104.0

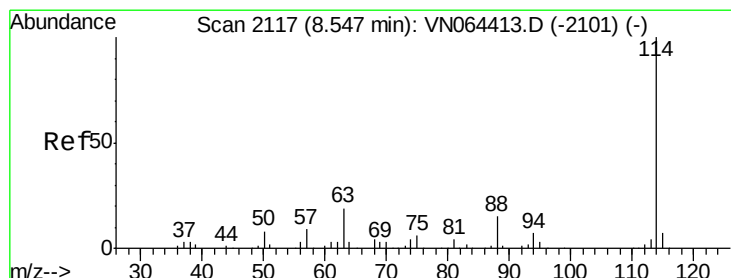
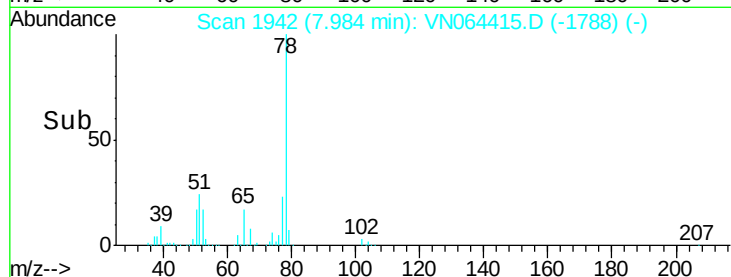
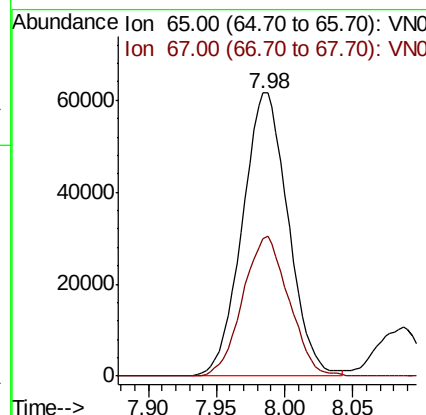
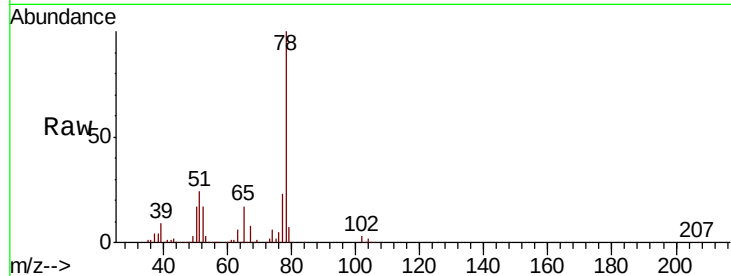




#27
 1,2-Dichloroethane-d4
 Concen: 26.829 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

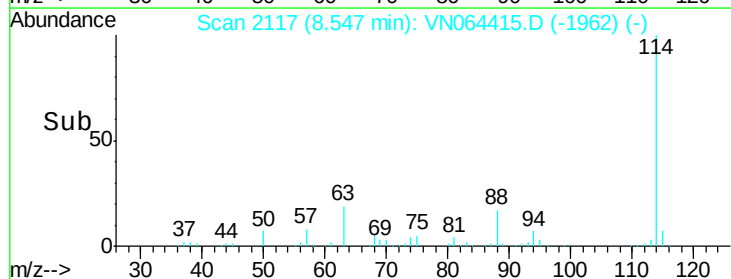
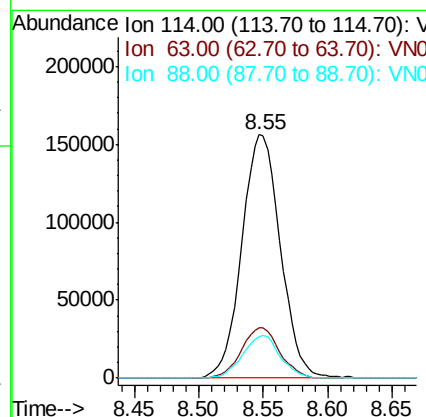
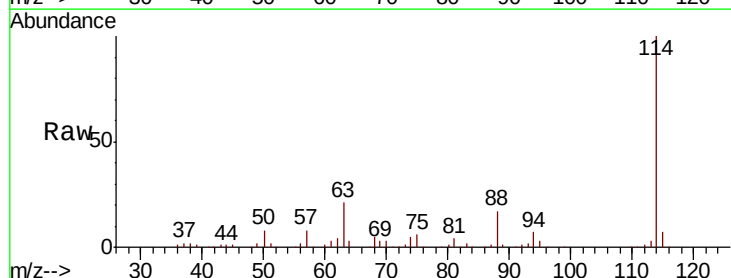
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

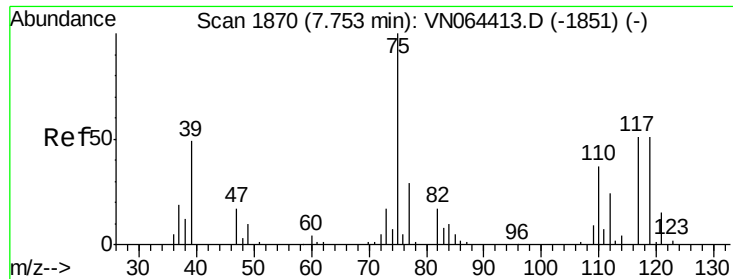
Tot Ion: 65 Resp: 143852
 Ion Ratio Lower Upper
 65 100
 67 49.5 40.6 61.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 114 Resp: 325166
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.2 24.4
 88 17.2 12.6 19.0

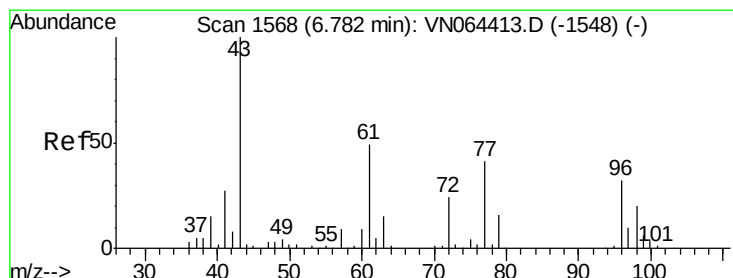
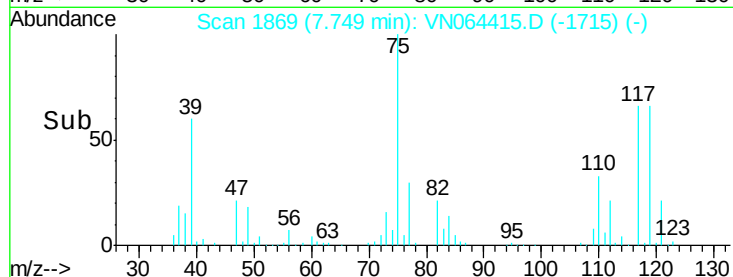
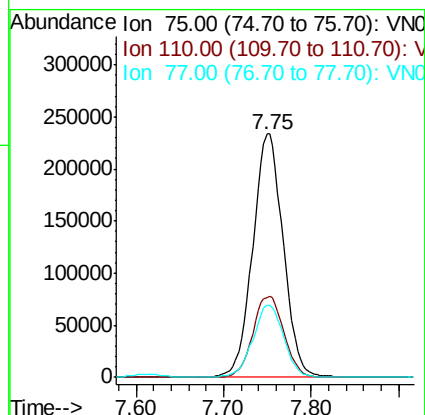
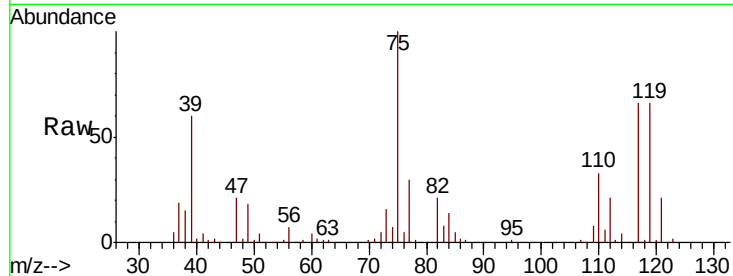




#29
 1,1-Dichloropropene
 Concen: 102.365 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

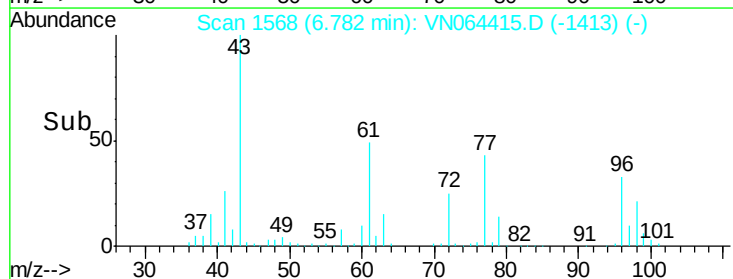
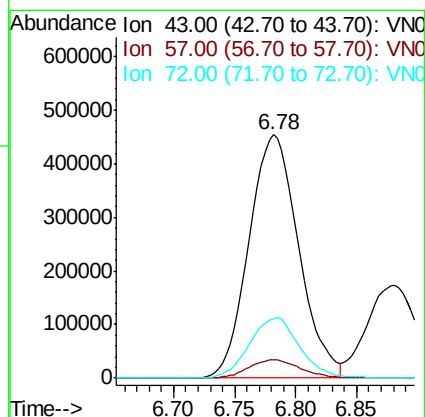
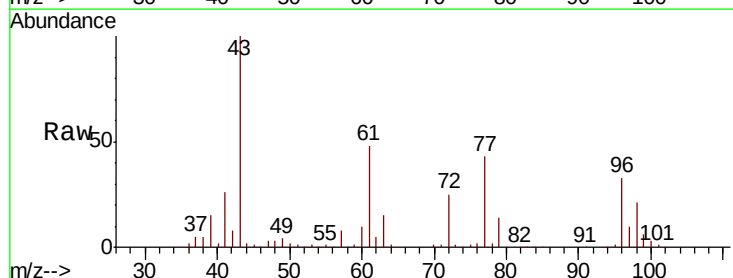
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

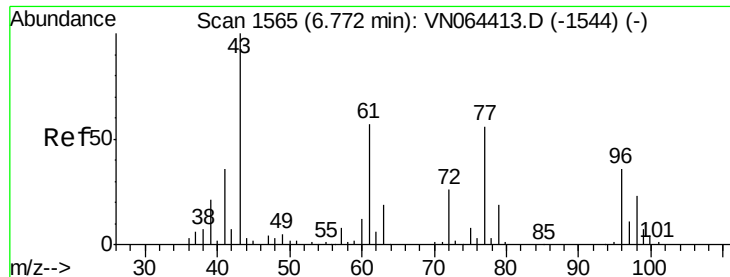
Tot Ion: 75 Resp: 564188
 Ion Ratio Lower Upper
 75 100
 110 34.0 0.0 71.8
 77 30.1 0.0 32.4



#30
 2-Butanone
 Concen: 489.874 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 43 Resp: 1280596
 Ion Ratio Lower Upper
 43 100
 57 7.8 6.6 9.8
 72 25.0 20.0 30.0

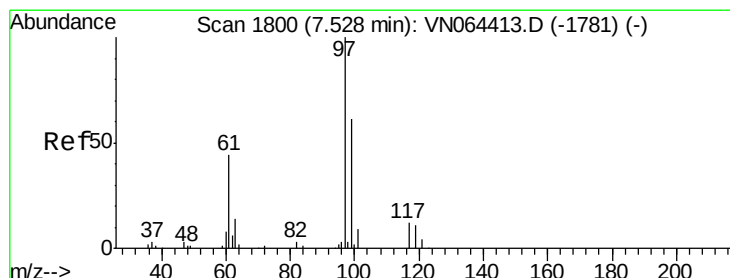
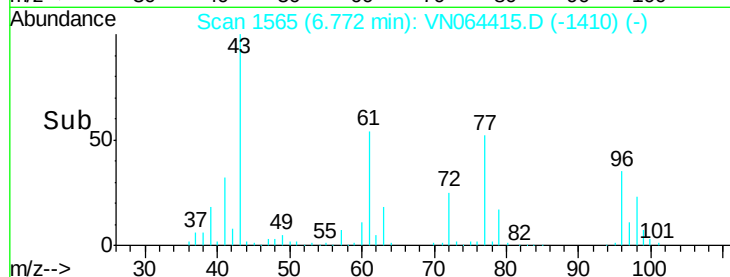
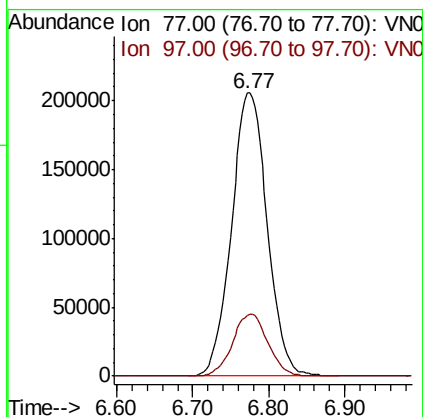
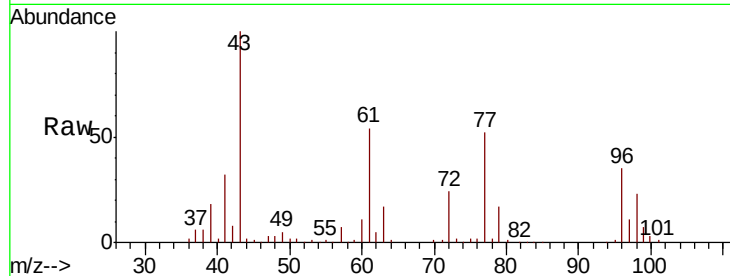




#31
 2,2-Dichloropropane
 Concen: 100.592 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

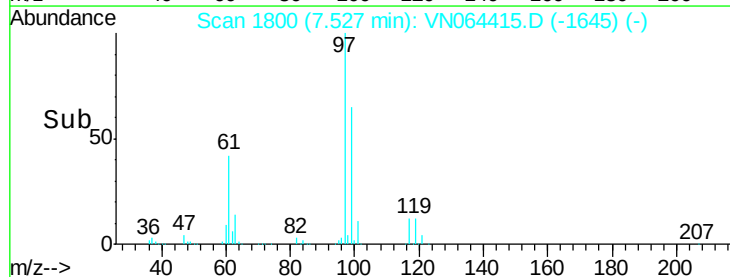
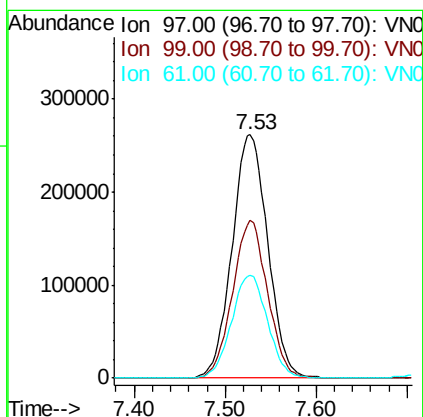
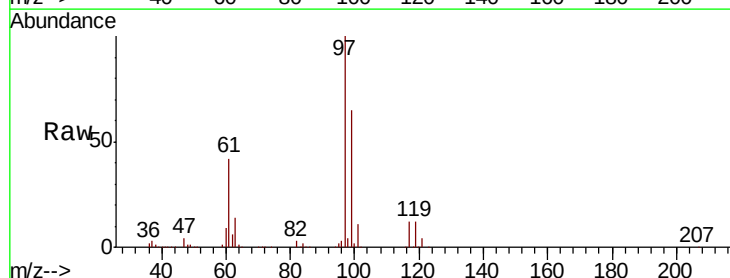
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

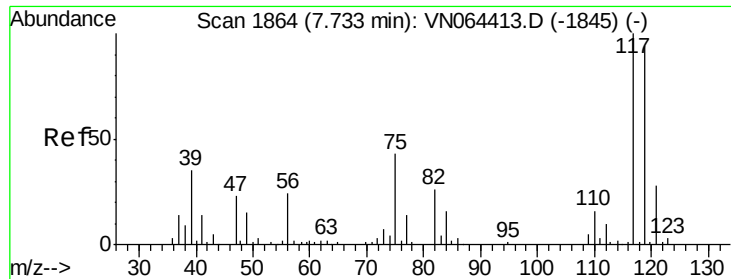
Tot Ion: 77 Resp: 668830
 Ion Ratio Lower Upper
 77 100
 97 21.7 17.4 26.0



#32
 1,1,1-Trichloroethane
 Concen: 102.249 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 97 Resp: 713990
 Ion Ratio Lower Upper
 97 100
 99 63.5 49.8 74.8
 61 42.7 34.9 52.3

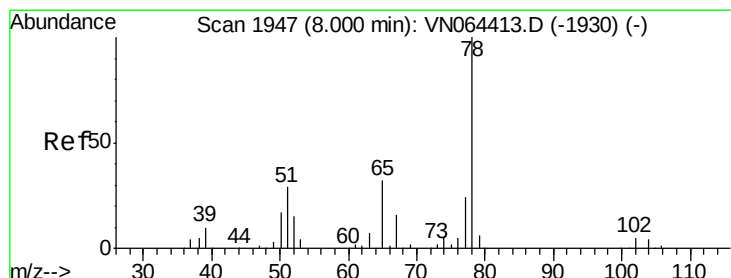
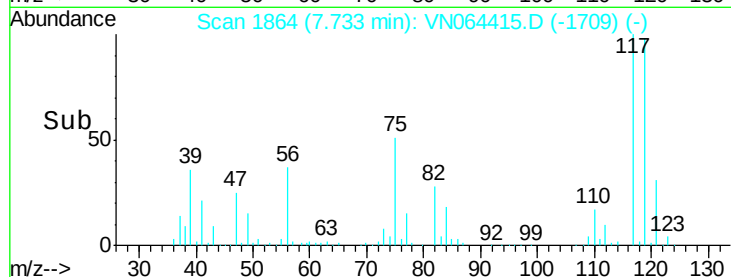
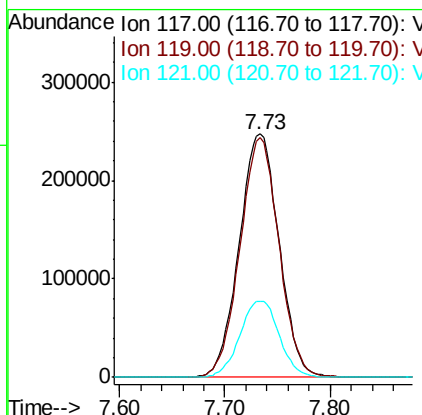
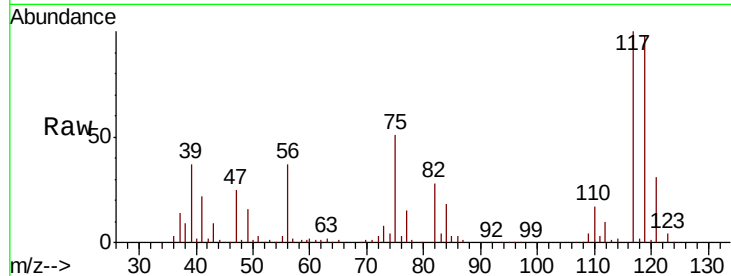




#33
Carbon Tetrachloride
Concen: 101.725 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

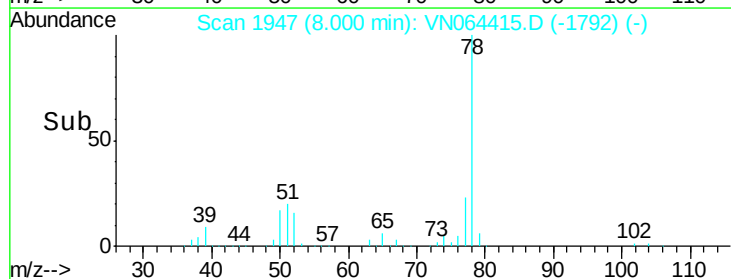
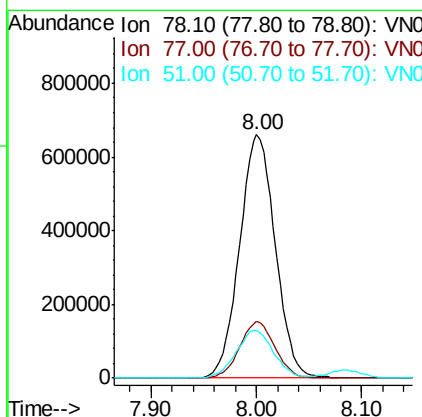
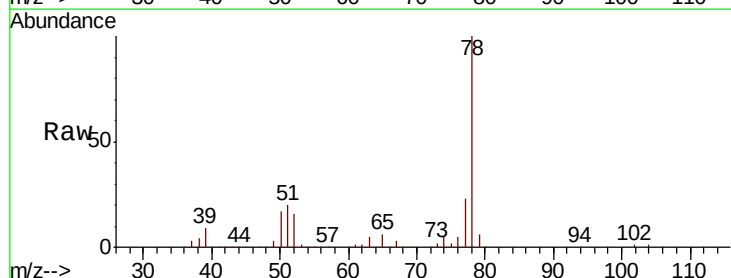
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

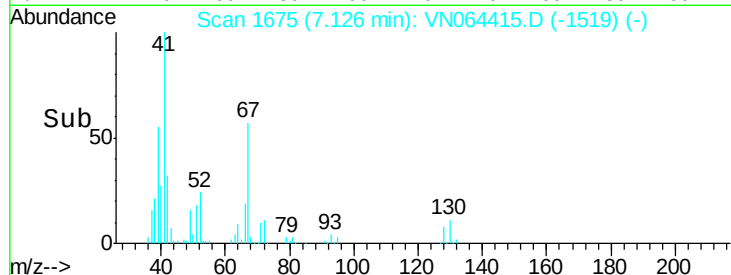
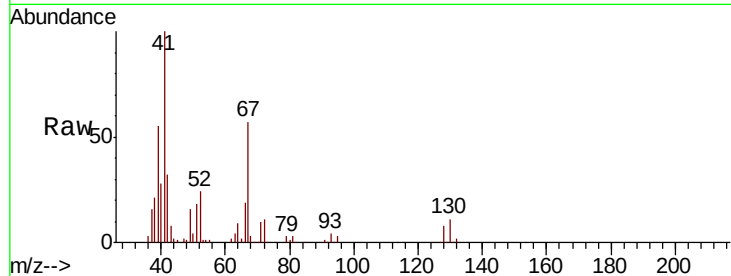
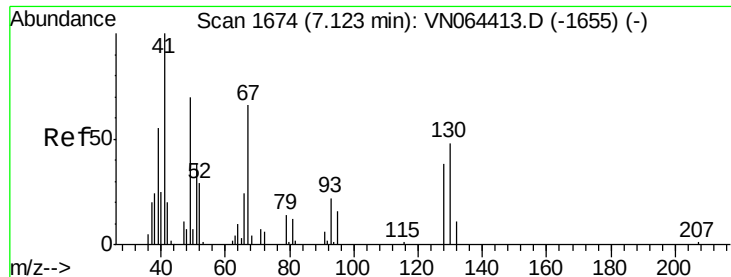
Tot Ion:117 Resp: 648542
Ion Ratio Lower Upper
117 100
119 98.4 75.0 112.4
121 31.5 22.1 33.1



#34
Benzene
Concen: 103.779 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 78 Resp: 1553938
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4
51 19.5 23.1 34.7#

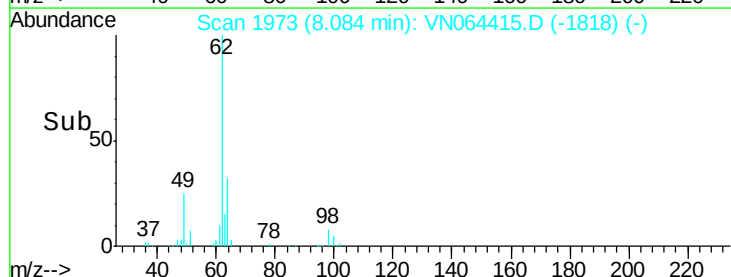
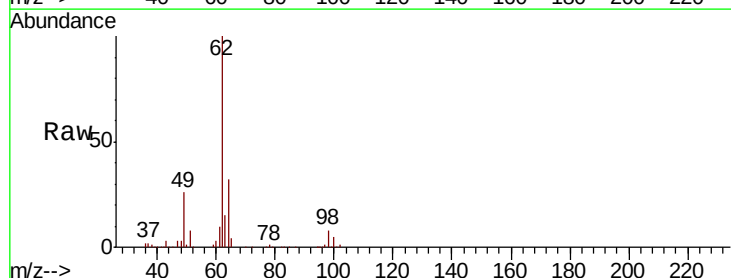
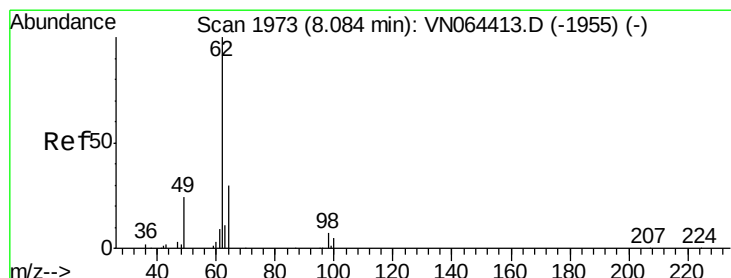
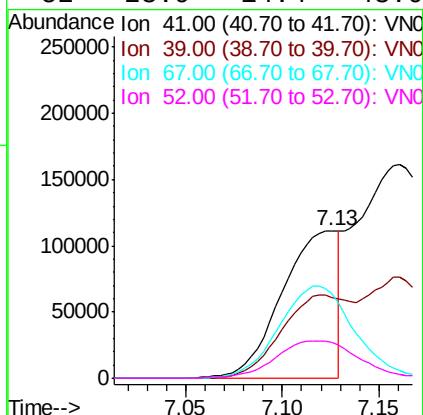




#35
Methacrylonitrile
Concen: 84.363 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

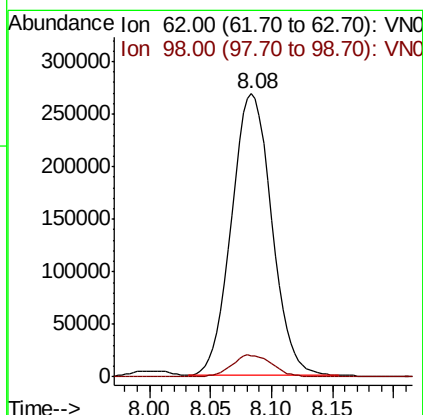
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

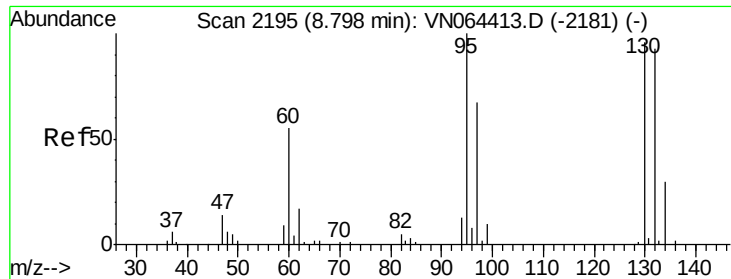
Tot Ion:	41	Resp:	224352
Ion	Ratio	Lower	Upper
41	100		
39	54.6	27.8	83.3
67	57.3	32.9	98.6
52	23.9	14.4	43.0



#36
1,2-Dichloroethane
Concen: 93.384 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion:	62	Resp:	613248
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.2	9.2

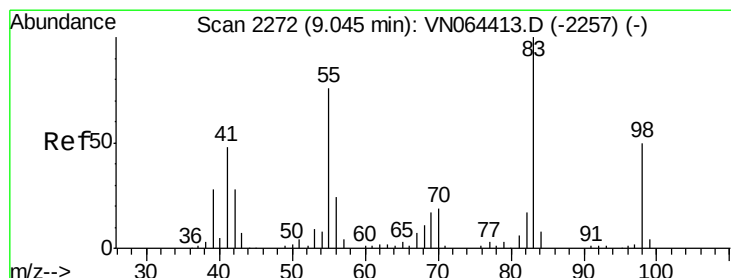
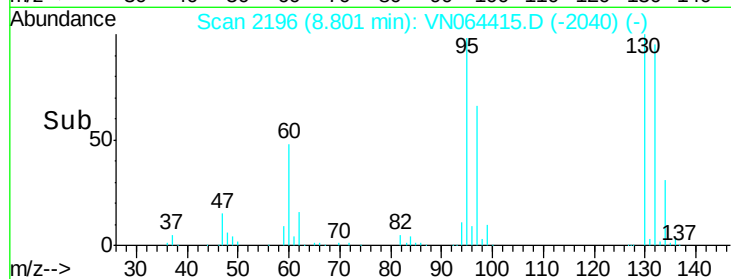
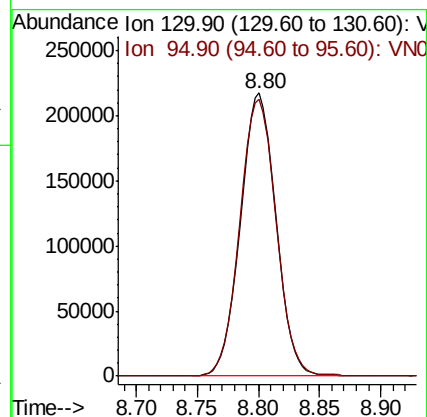
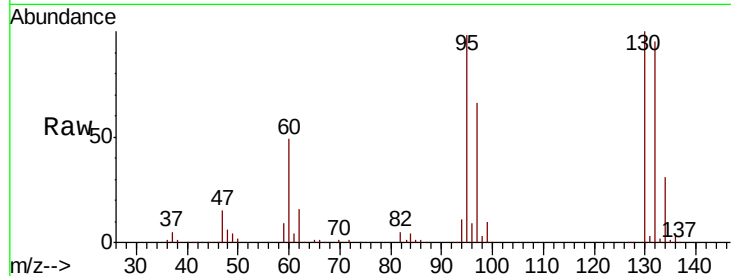




#37
 Trichloroethene
 Concen: 106.982 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

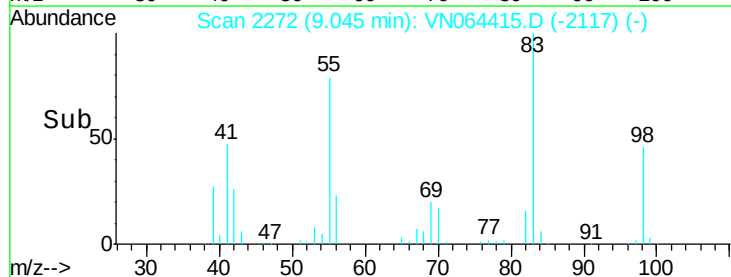
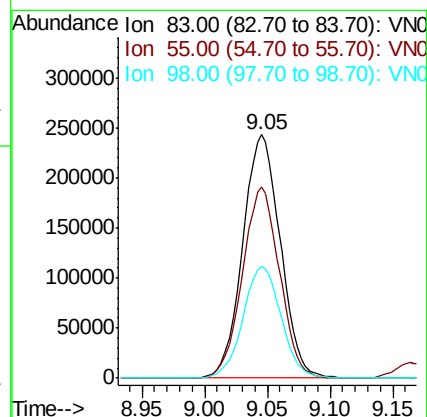
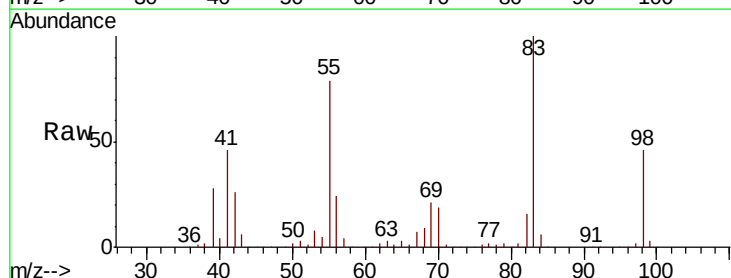
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

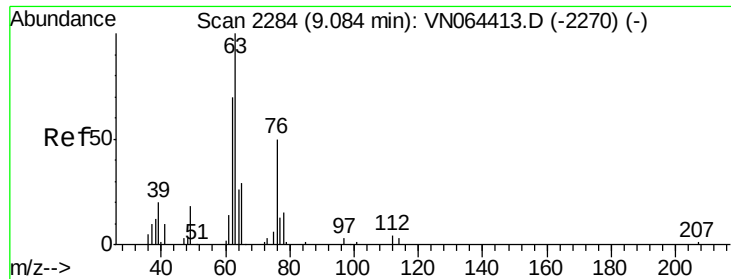
Tot Ion:130 Resp: 438309
 Ion Ratio Lower Upper
 130 100
 95 97.8 83.6 125.4



#38
 Methylcyclohexane
 Concen: 95.625 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 83 Resp: 507416
 Ion Ratio Lower Upper
 83 100
 55 77.4 38.3 114.9
 98 46.4 24.6 74.0





#39

1,2-Dichloropropane

Concen: 101.998 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

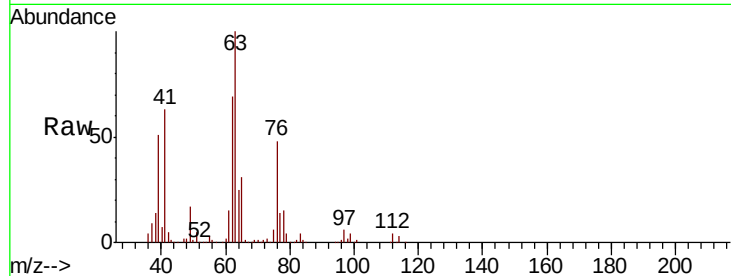
VSTDIC100

Tot Ion: 63 Resp: 405540

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

9.08

200000

150000

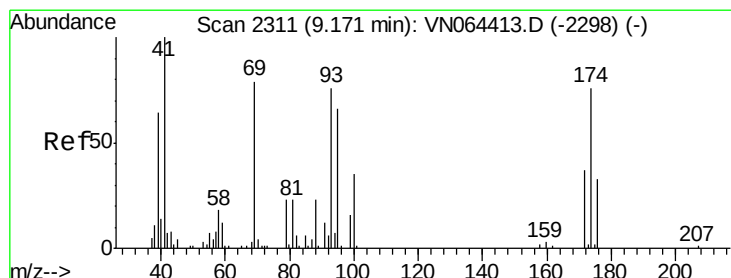
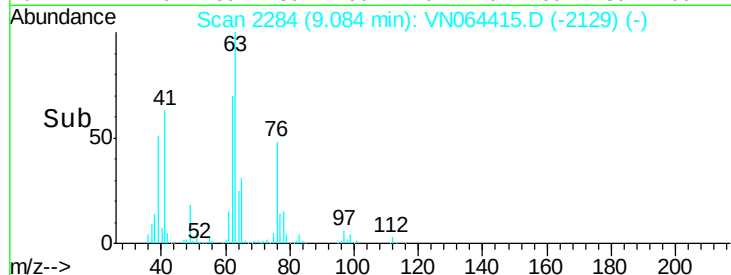
100000

50000

0

Time-->

9.00 9.10 9.20



#40

Dibromomethane

Concen: 103.149 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

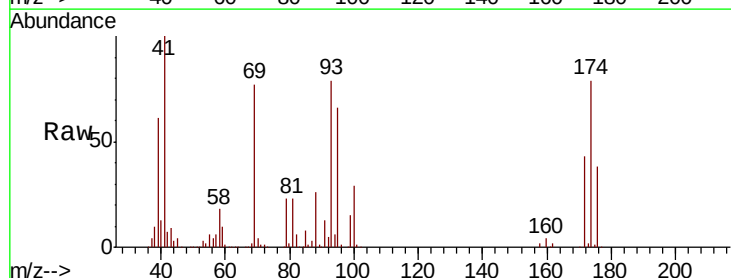
Tgt Ion: 93 Resp: 288590

Ion Ratio Lower Upper

93 100

95 83.0 0.0 170.0

174 99.3 0.0 199.8



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

150000

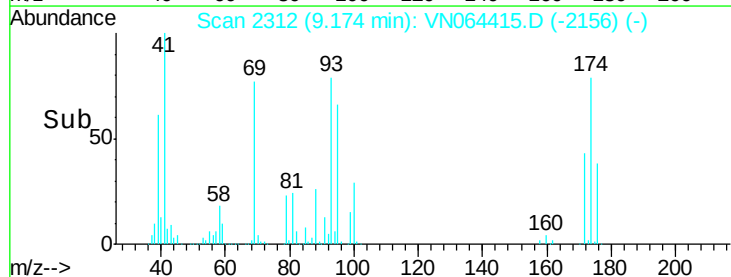
100000

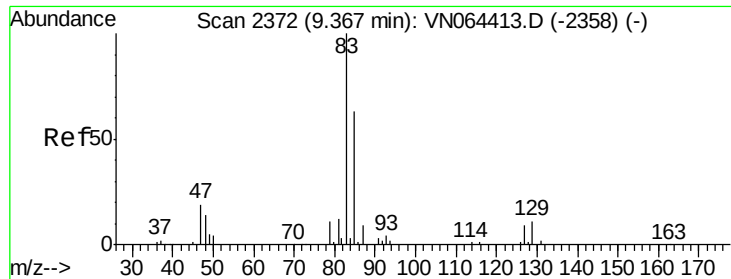
50000

0

Time-->

9.10 9.15 9.20 9.25





#41

Bromodichloromethane

Concen: 101.185 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

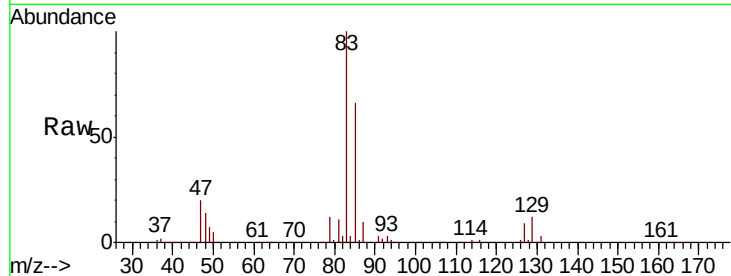
Tot Ion: 83 Resp: 610381

Ion Ratio Lower Upper

83 100

85 65.8 50.5 75.7

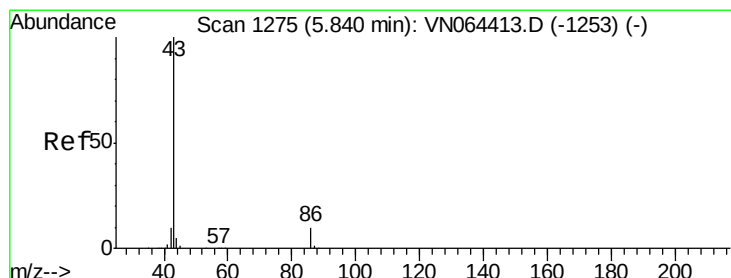
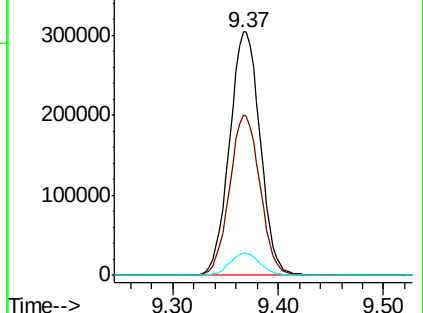
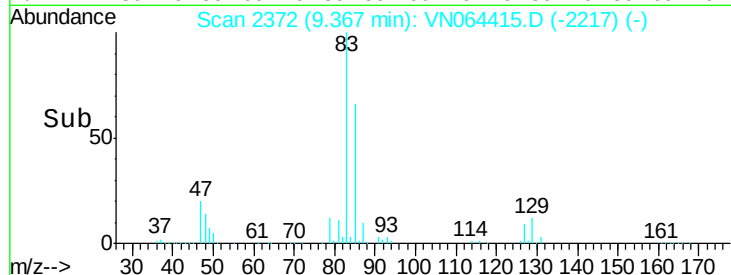
127 9.0 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VN064415.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064415.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064415.D (-2217) (-)



#42

Vinyl Acetate

Concen: 500.239 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064415.D

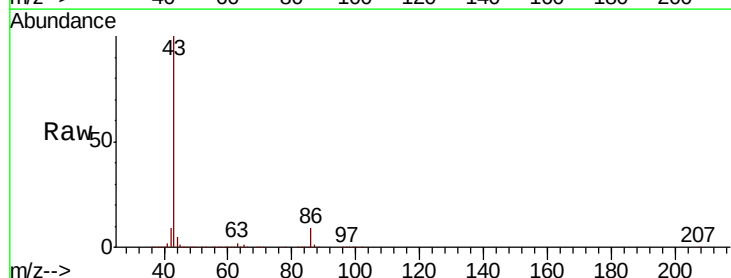
Acq: 2 Nov 2020 15:01

Tgt Ion: 43 Resp: 5501537

Ion Ratio Lower Upper

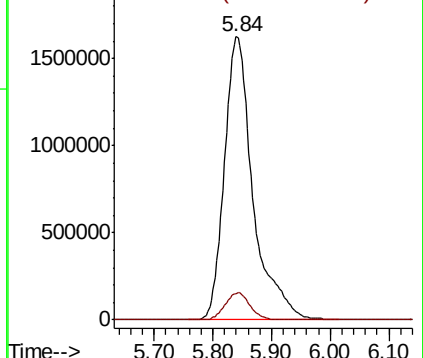
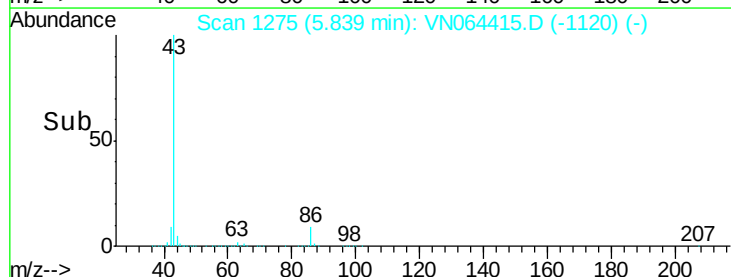
43 100

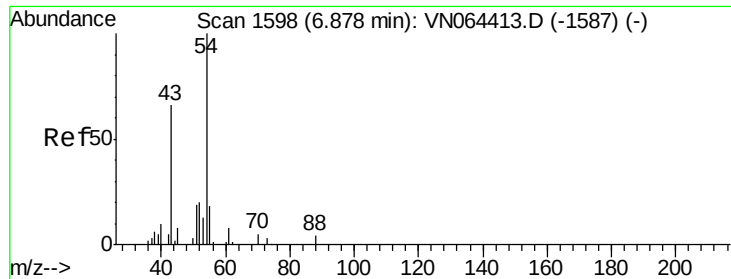
86 8.3 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN064415.D (-1120) (-)

Ion 86.00 (85.70 to 86.70): VN064415.D (-1120) (-)





#43

Ethyl Acetate

Concen: 98.946 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

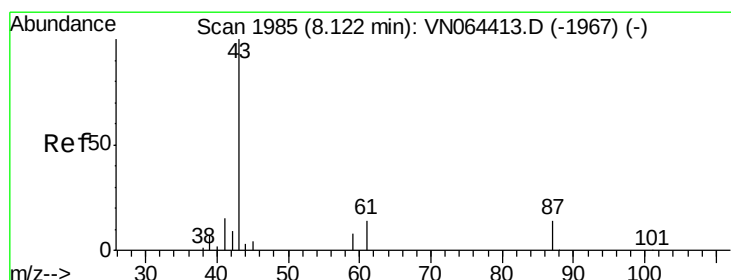
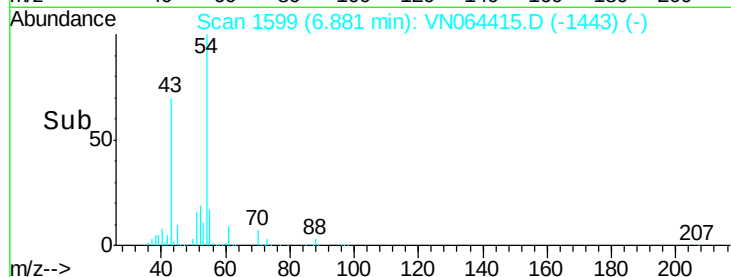
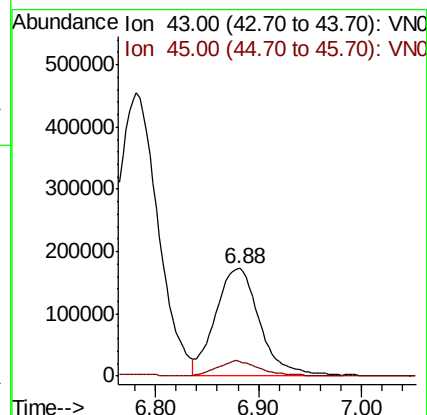
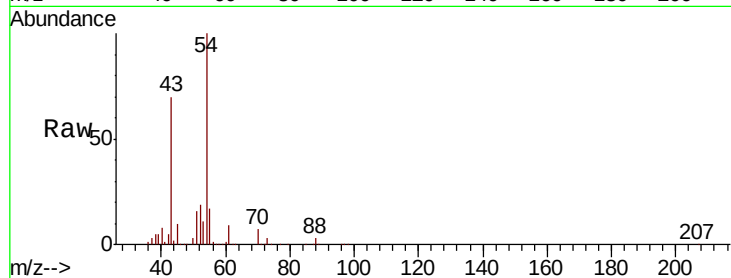
VSTDIC100

Tot Ion: 43 Resp: 506494

Ion Ratio Lower Upper

43 100

45 12.9 5.2 7.8#



#44

Isopropyl Acetate

Concen: 93.046 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064415.D

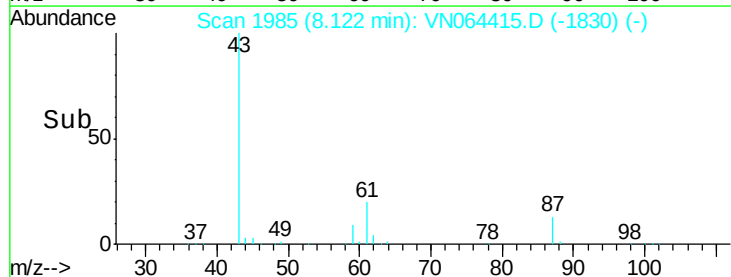
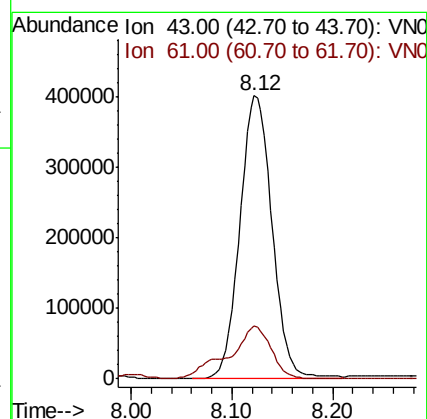
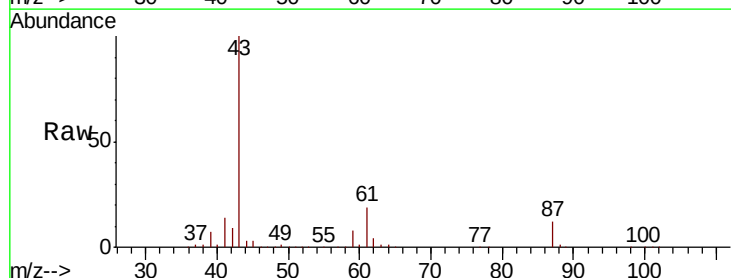
Acq: 2 Nov 2020 15:01

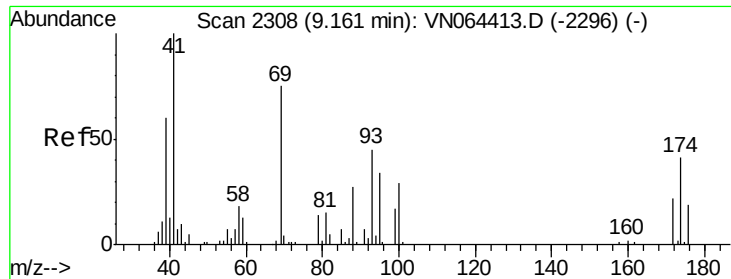
Tgt Ion: 43 Resp: 887947

Ion Ratio Lower Upper

43 100

61 17.2 0.2 0.4#

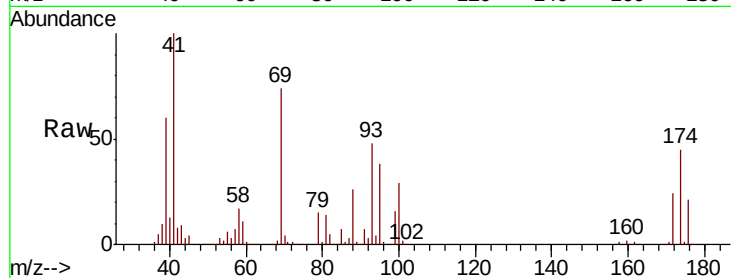




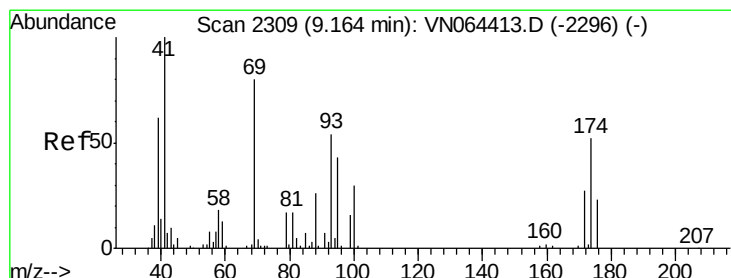
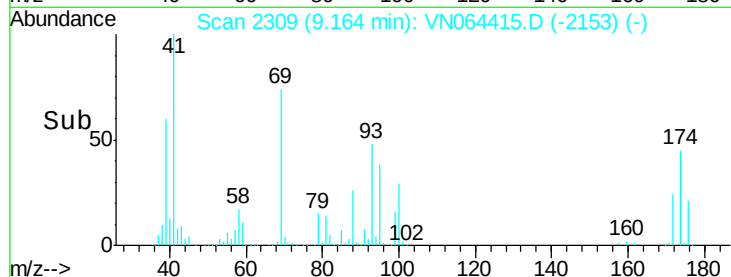
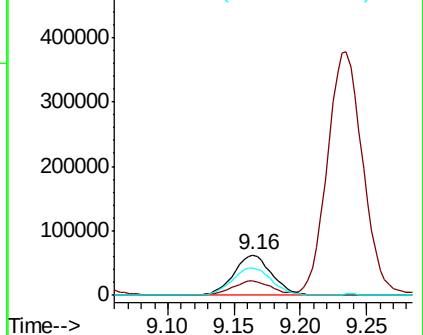
#45
1,4-Dioxane
Concen: 1733.796 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 125522
Ion Ratio Lower Upper
88 100
43 35.2 32.0 48.0
58 70.2 59.1 88.7

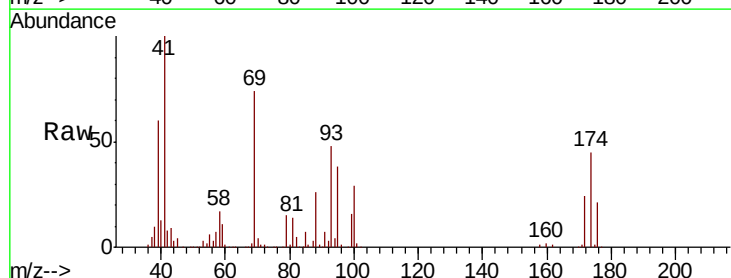


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

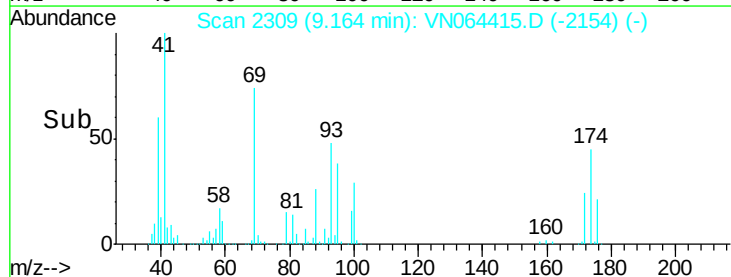
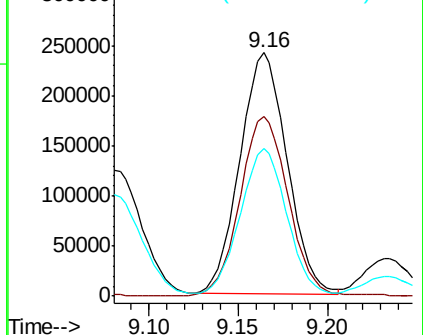


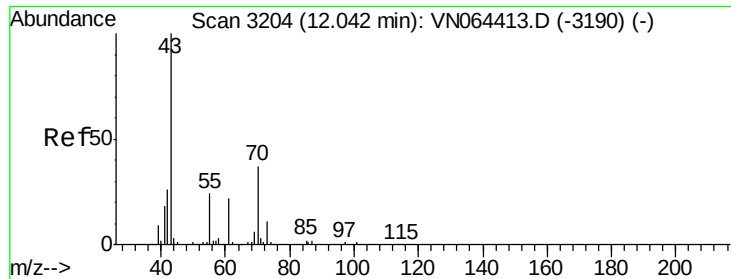
#46
Methyl methacrylate
Concen: 95.652 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 41 Resp: 444666
Ion Ratio Lower Upper
41 100
69 74.5 39.8 119.4
39 59.8 30.5 91.5



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#47

n-amvl Acetate

Concen: 99.934 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

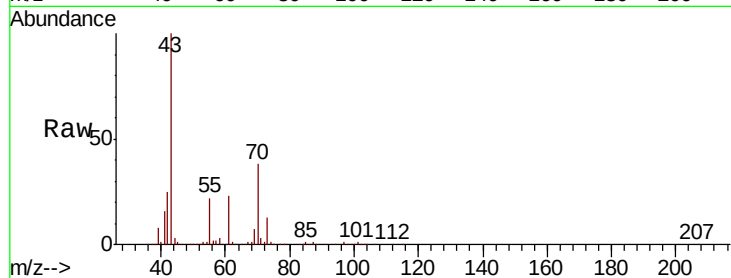
VSTDIC100

Tot Ion: 43 Resp: 802918

Ion Ratio Lower Upper

43 100

55 22.8 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.04

500000

400000

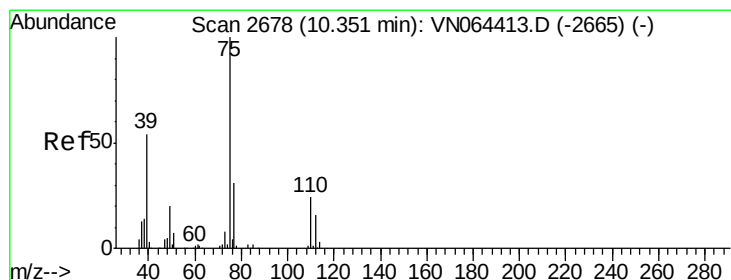
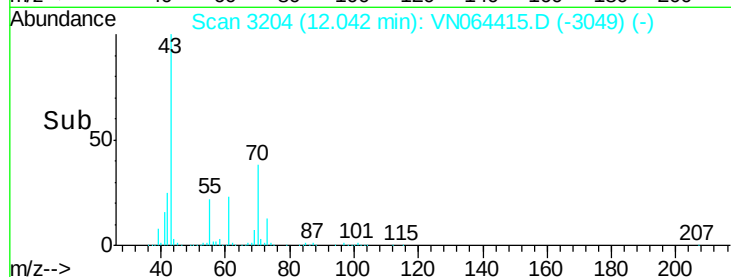
300000

200000

100000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 102.607 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064415.D

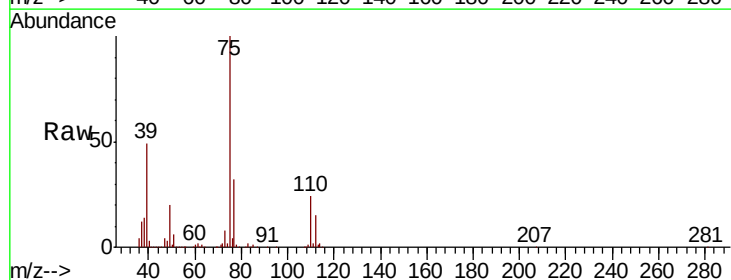
Acq: 2 Nov 2020 15:01

Tgt Ion: 75 Resp: 687097

Ion Ratio Lower Upper

75 100

77 31.6 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.35

400000

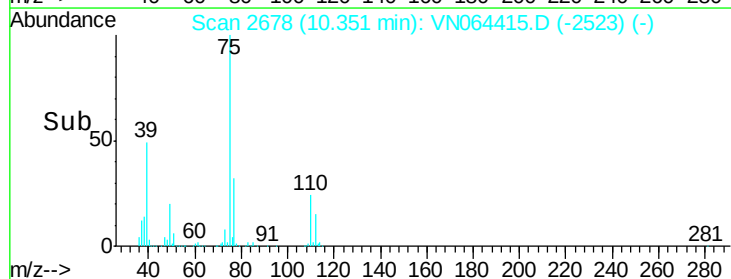
300000

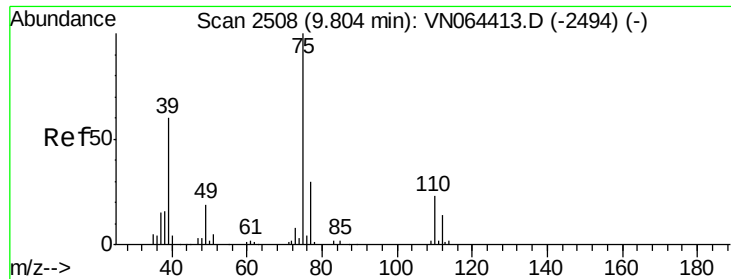
200000

100000

0

Time-->



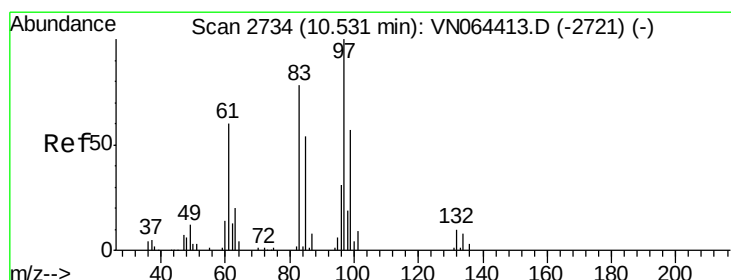
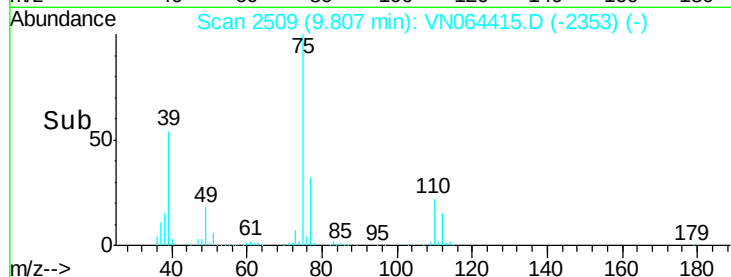
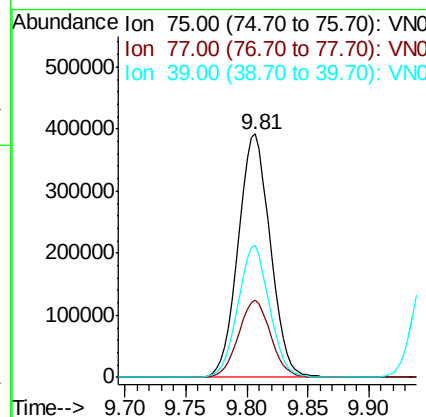
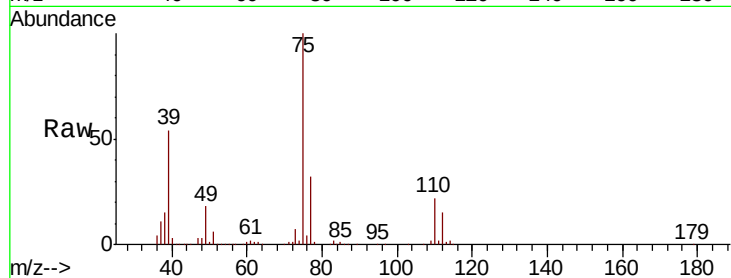


#49

cis-1,3-Dichloropropene
Concen: 103.502 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

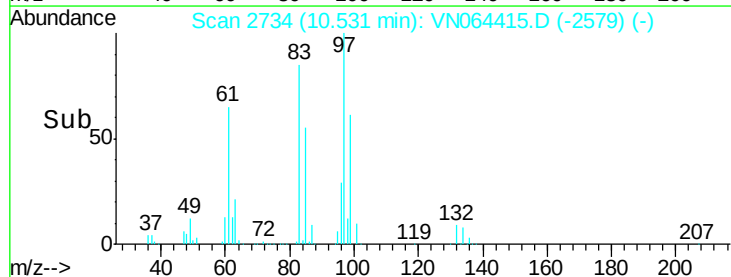
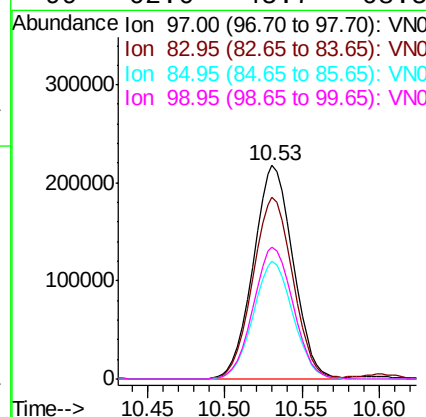
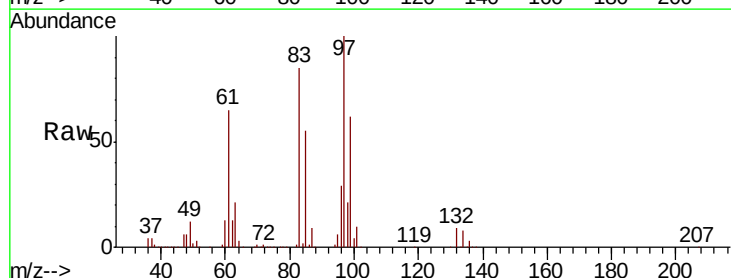
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.3	36.5
39	54.2	48.0	72.0

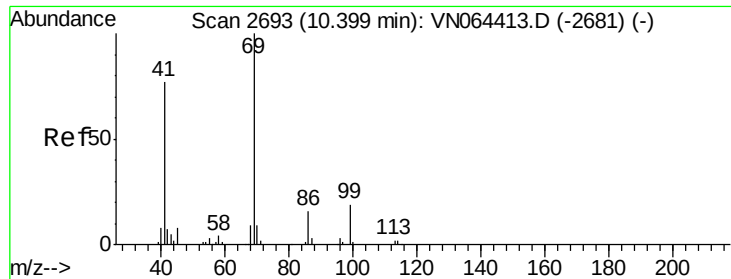


#50

1,1,2-Trichloroethane
Concen: 104.438 ug/l
RT: 10.53 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	62.4	93.6
85	55.2	42.9	64.3
99	62.0	45.7	68.5





#51

Ethyl methacrylate

Concen: 103.745 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

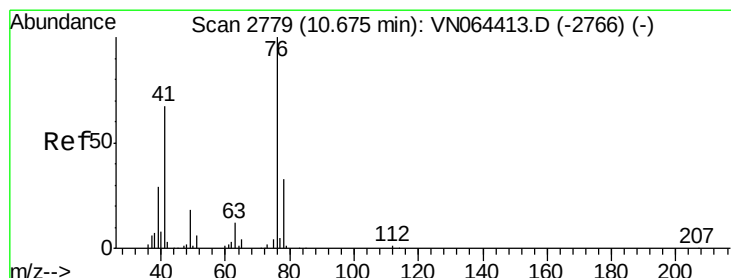
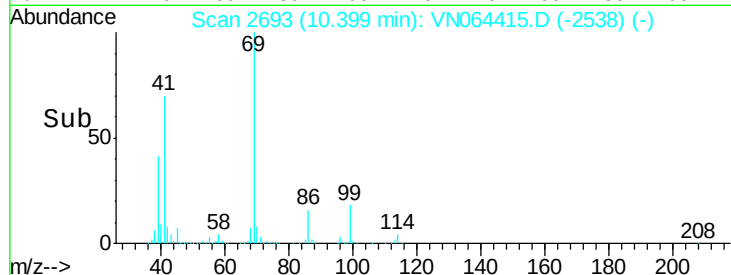
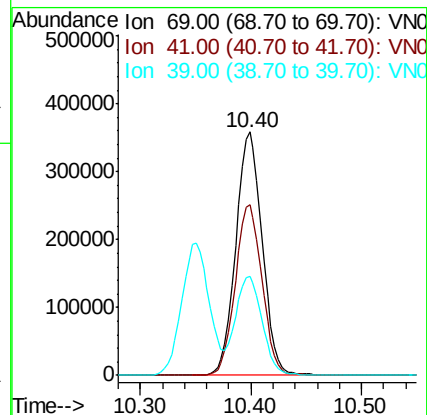
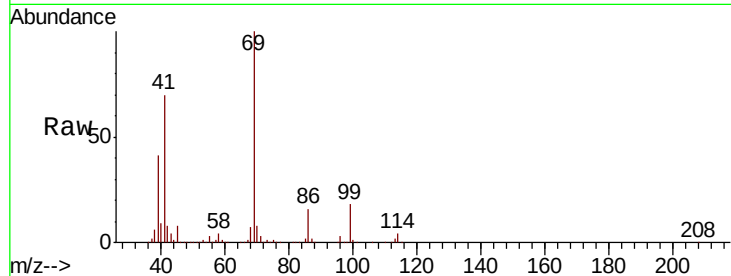
Tot Ion: 69 Resp: 595465

Ion Ratio Lower Upper

69 100

41 69.7 38.4 115.2

39 40.6 22.7 68.0



#52

1,3-Dichloropropane

Concen: 102.359 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064415.D

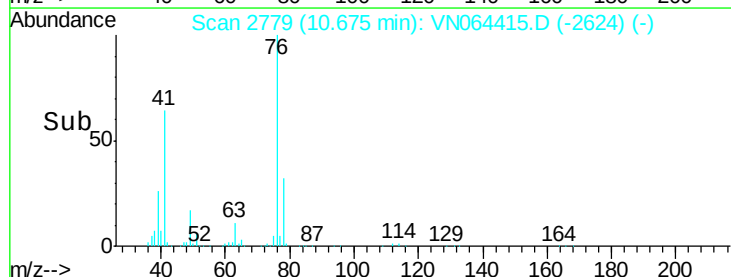
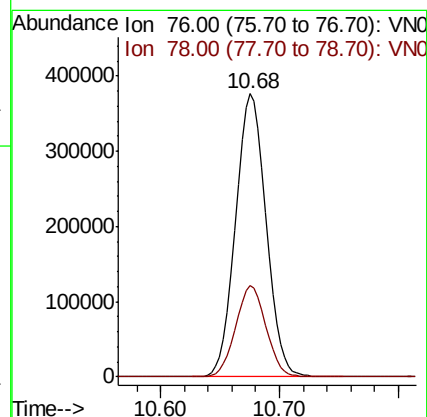
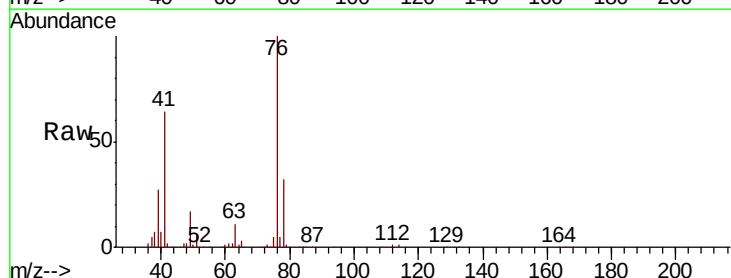
Acq: 2 Nov 2020 15:01

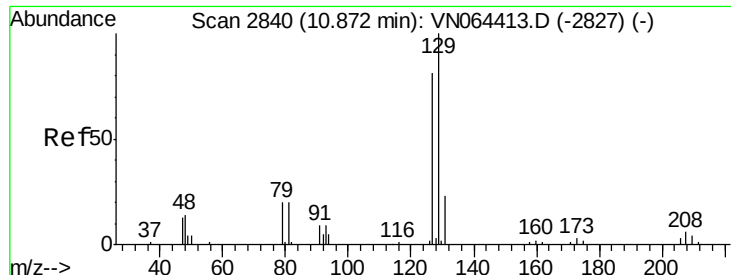
Tgt Ion: 76 Resp: 670064

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.2





#53

Dibromochloromethane

Concen: 108.855 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

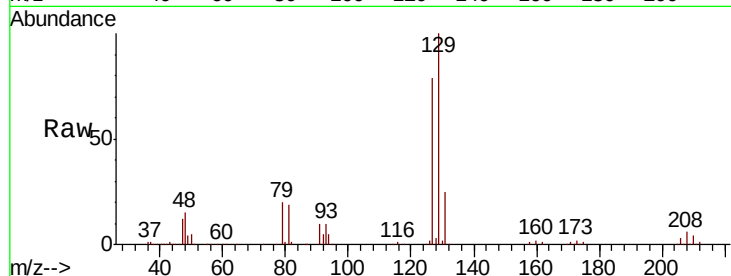
VSTDIC100

Tot Ion:129 Resp: 496506

Ion Ratio Lower Upper

129 100

127 77.6 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

250000

200000

150000

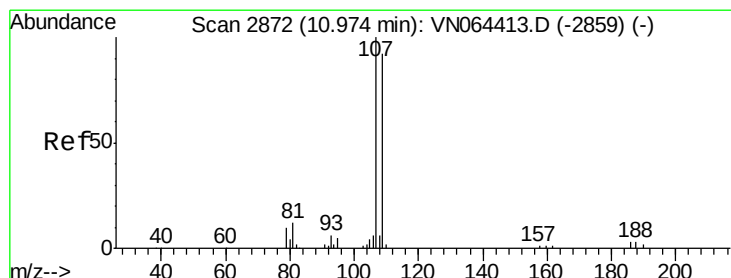
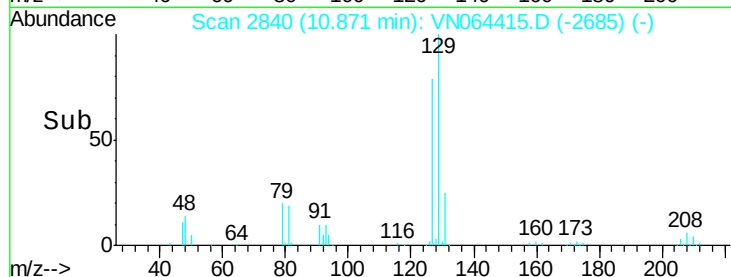
100000

50000

0

Time-->

10.80 10.85 10.90 10.95



#54

1,2-Dibromoethane

Concen: 105.282 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064415.D

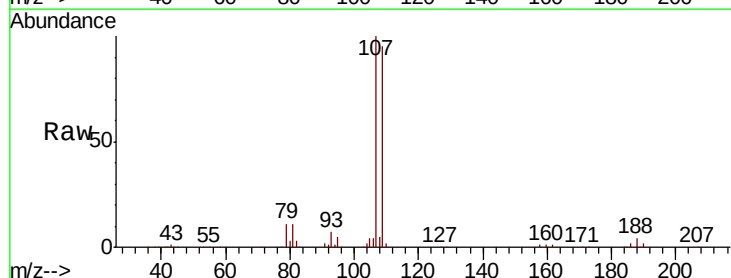
Acq: 2 Nov 2020 15:01

Tgt Ion:107 Resp: 420321

Ion Ratio Lower Upper

107 100

109 94.0 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.97

250000

200000

150000

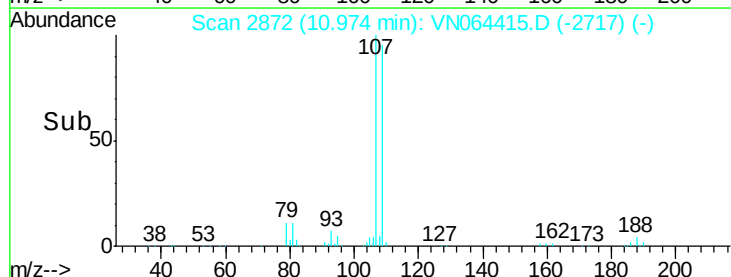
100000

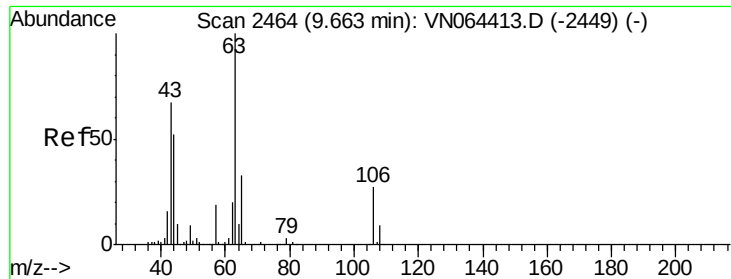
50000

0

Time-->

10.90 10.95 11.00 11.05





#55

2-Chloroethyl vinyl ether

Concen: 523.988 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

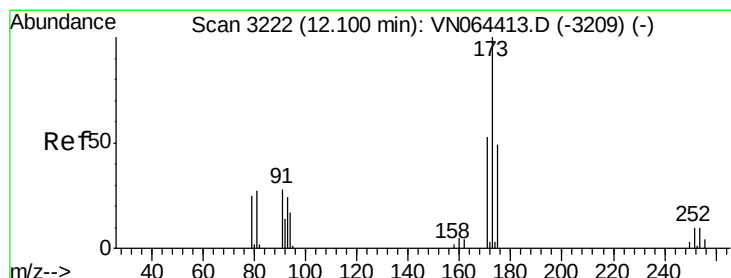
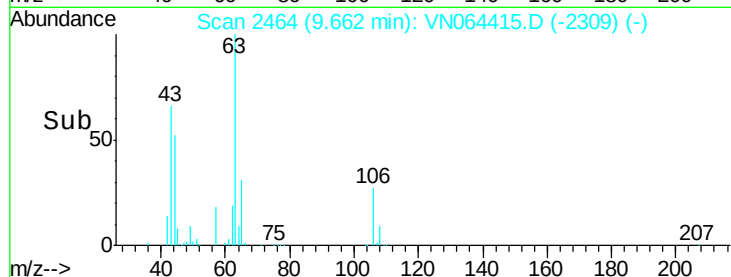
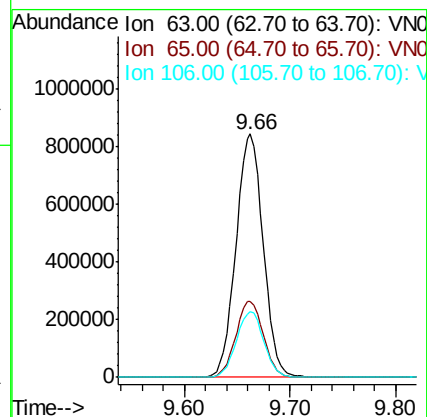
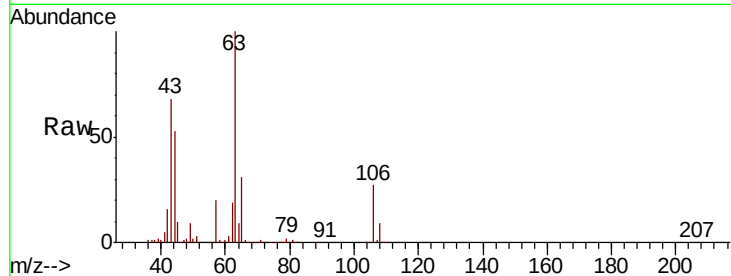
Tot Ion: 63 Resp: 1504904

Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.2	39.4
106	27.2	21.8	32.6

63 100

65 31.7 26.2 39.4

106 27.2 21.8 32.6



#56

Bromoform

Concen: 113.610 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

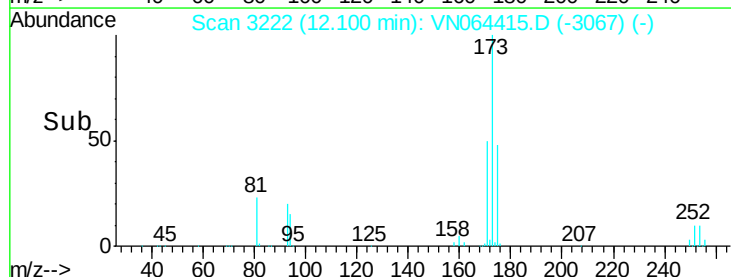
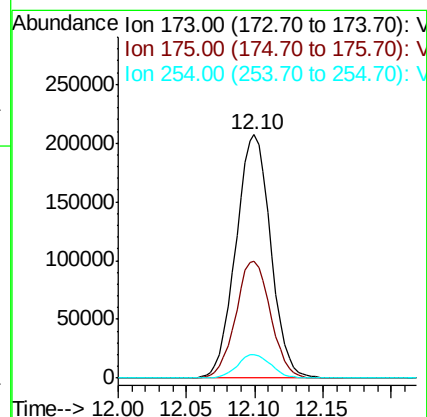
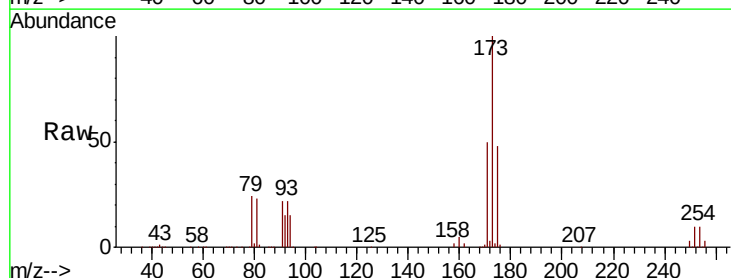
Tgt Ion: 173 Resp: 366746

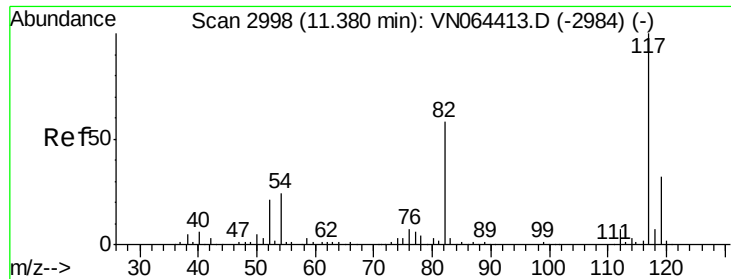
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.0	58.4
254	9.3	7.0	10.6

173 100

175 48.1 39.0 58.4

254 9.3 7.0 10.6

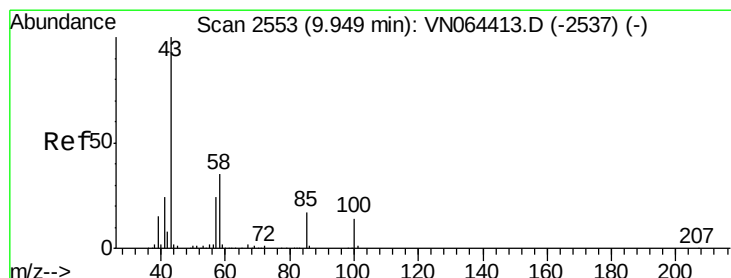
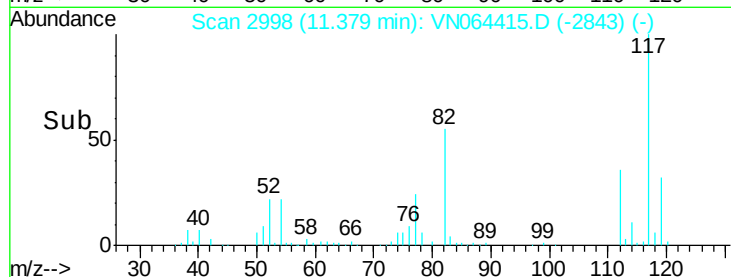
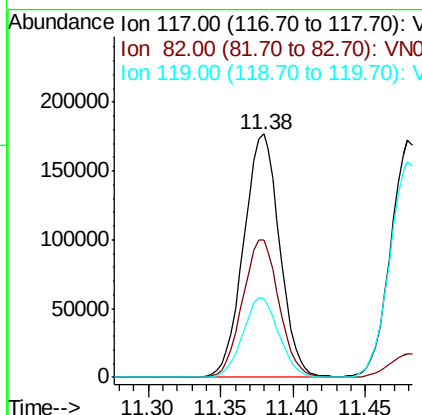
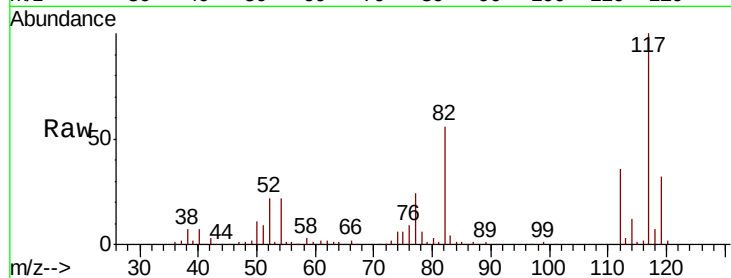




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

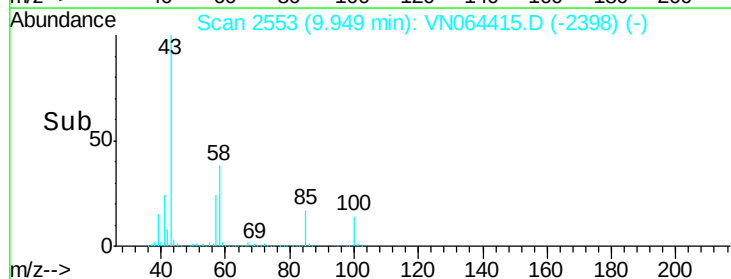
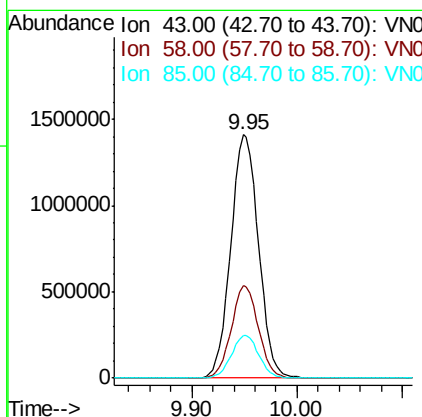
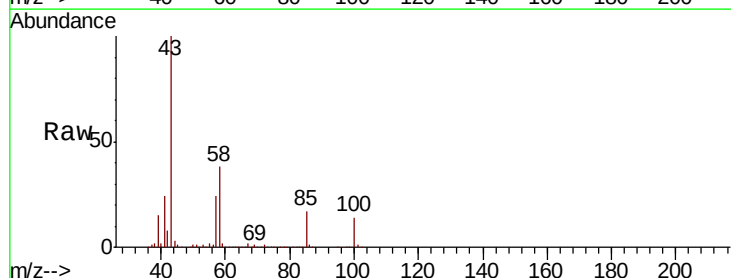
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

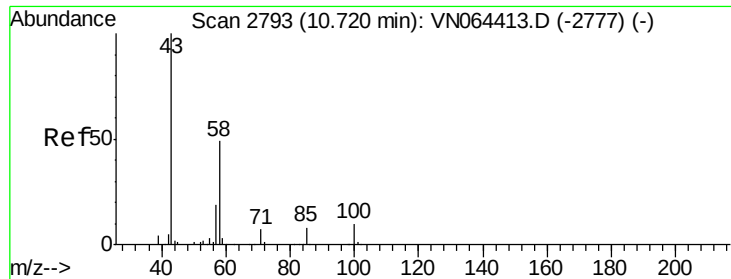
Tot Ion:117 Resp: 306830
Ion Ratio Lower Upper
117 100
82 57.1 46.1 69.1
119 32.5 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 465.884 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 43 Resp: 2560168
Ion Ratio Lower Upper
43 100
58 37.1 28.6 43.0
85 17.3 13.5 20.3

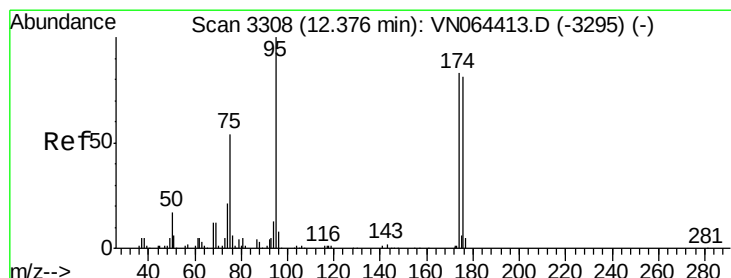
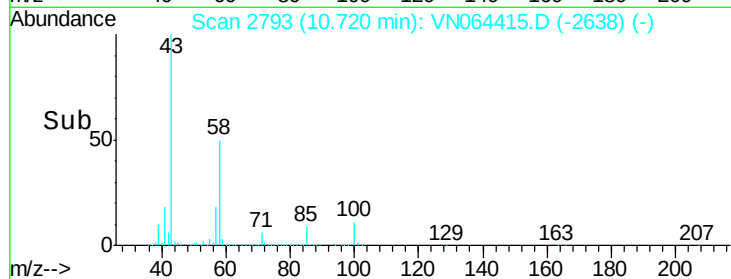
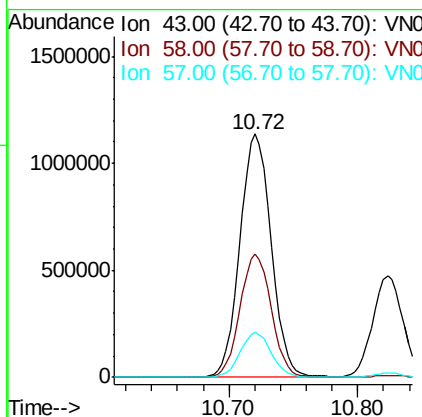
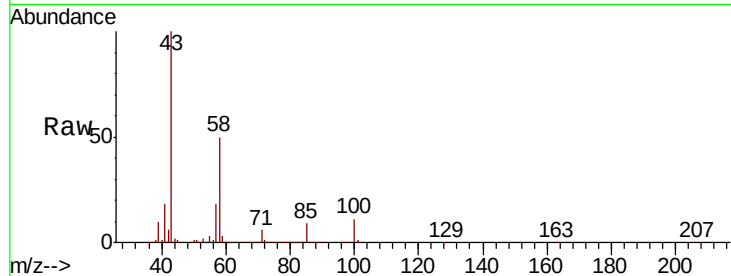




#59
2-Hexanone
Concen: 464.034 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

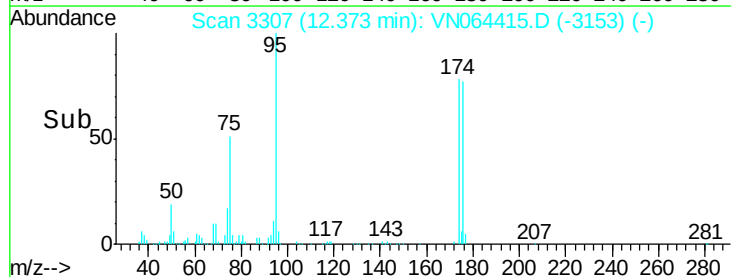
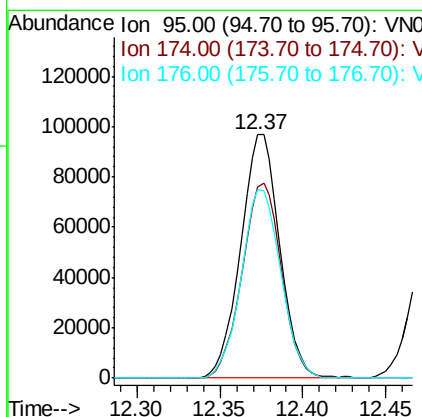
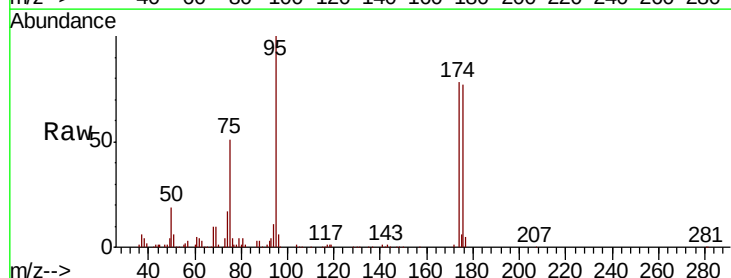
Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

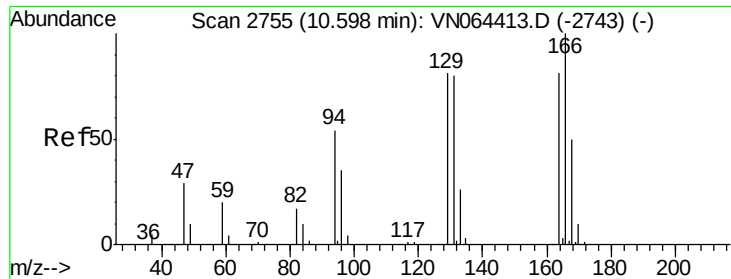
Tot Ion: 43 Resp: 1920439
Ion Ratio Lower Upper
43 100
58 50.7 39.4 59.0
57 18.4 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 29.500 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion: 95 Resp: 158784
Ion Ratio Lower Upper
95 100
174 80.8 65.2 97.8
176 78.4 62.2 93.4





#61

Tetrachloroethene

Concen: 102.892 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 422527

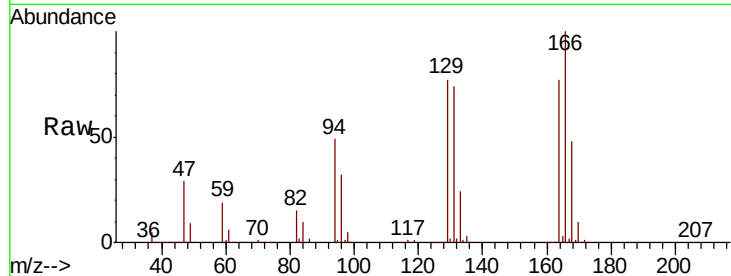
Ion Ratio Lower Upper

164 100

166 129.2 98.7 148.1

129 99.0 80.2 120.4

131 95.2 78.7 118.1

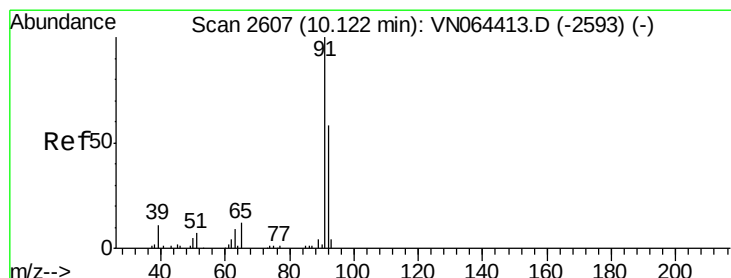
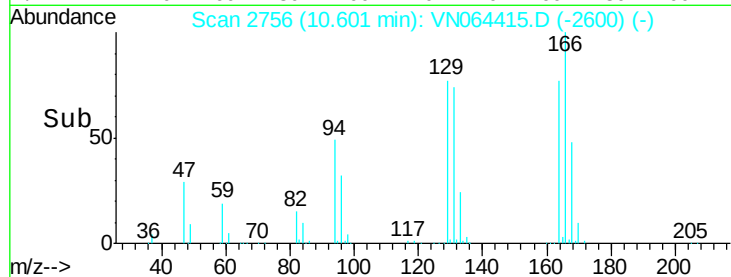
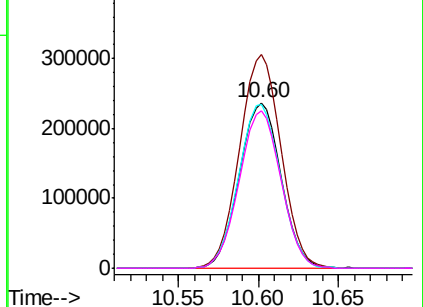


Abundance Ion 163.85 (163.55 to 164.55): V

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: 103.901 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064415.D

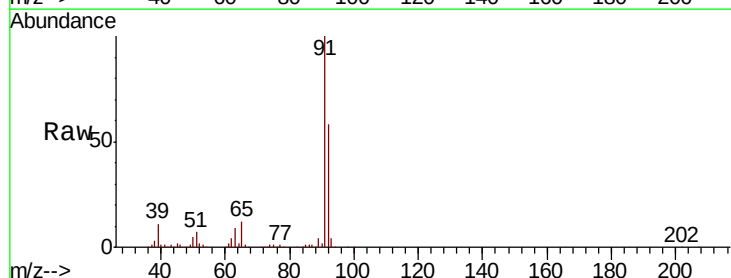
Acq: 2 Nov 2020 15:01

Tgt Ion: 91 Resp: 1760486

Ion Ratio Lower Upper

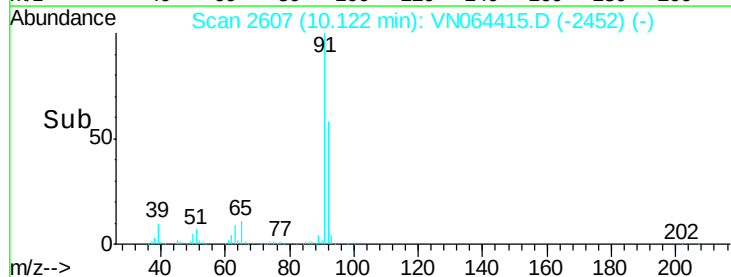
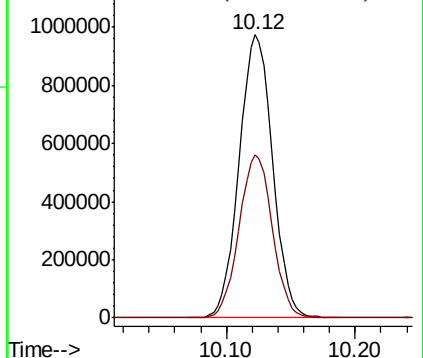
91 100

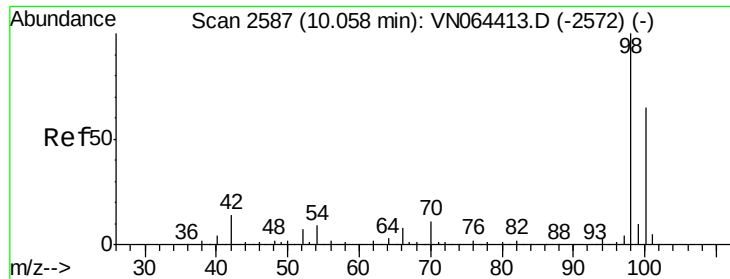
92 57.4 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

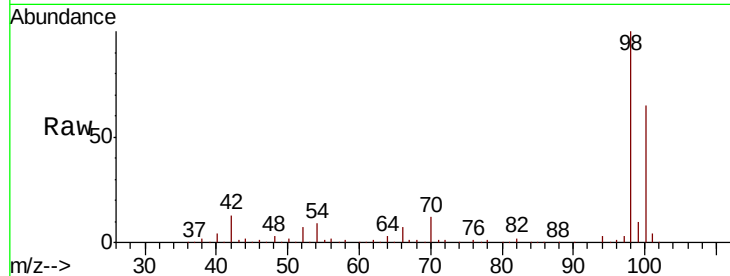




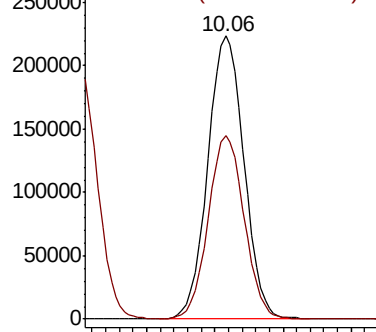
#63
Toluene-d8
Concen: 30.196 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

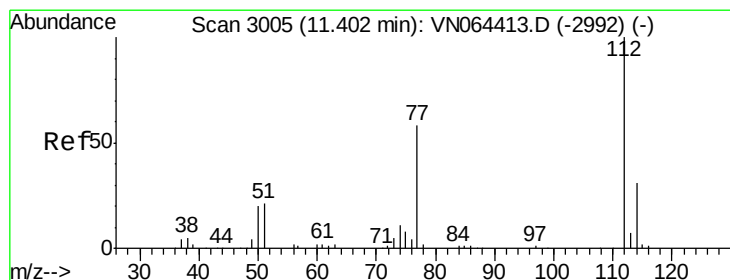
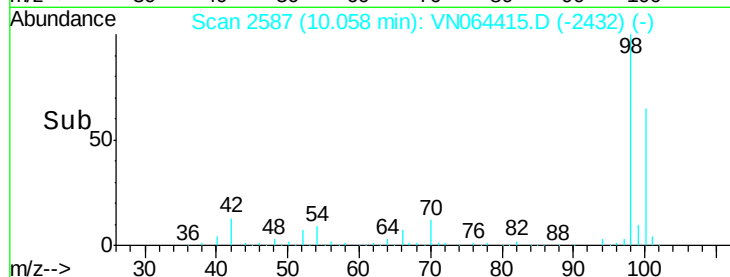
Tot Ion: 98 Resp: 411816
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN064415.D (-2572) (-)
Ion 100.00 (99.70 to 100.70): VN064415.D (-2572) (-)

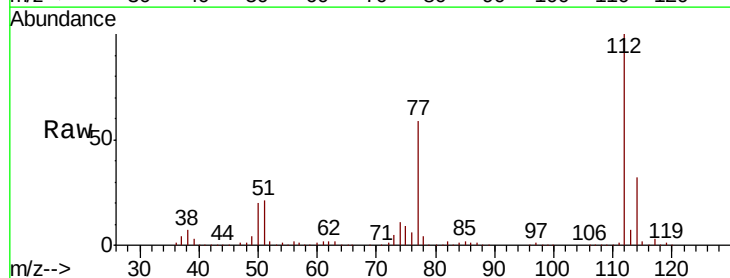


Time-->

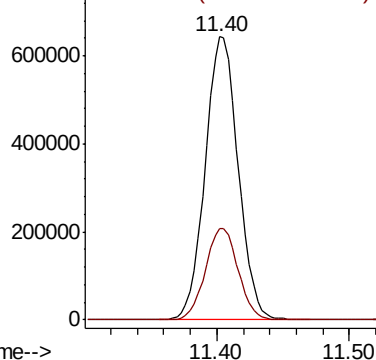


#64
Chlorobenzene
Concen: 104.776 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

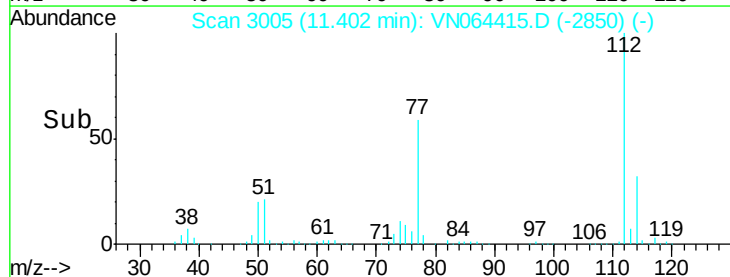
Tgt Ion: 112 Resp: 1108469
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2

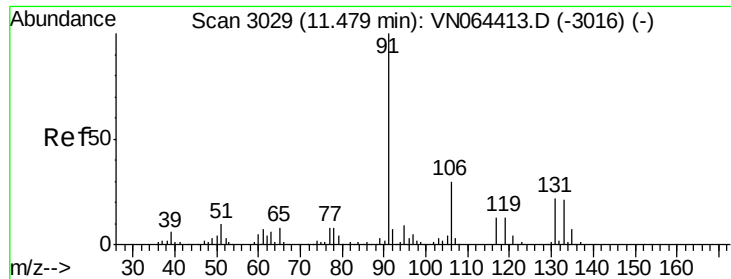


Abundance Ion 112.00 (111.70 to 112.70): VN064415.D (-2992) (-)
Ion 114.00 (113.70 to 114.70): VN064415.D (-2992) (-)



Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 105.699 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

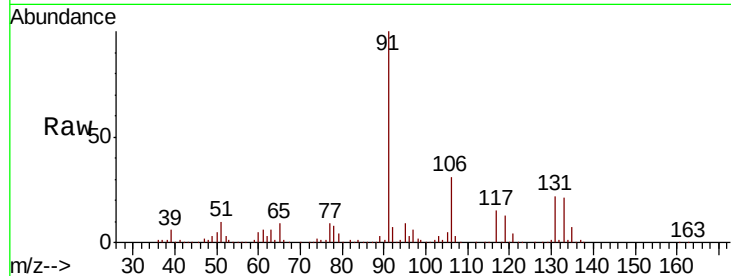
Tot Ion:131 Resp: 441155

Ion Ratio Lower Upper

131 100

133 94.9 0.0 191.2

119 62.7 0.0 125.6

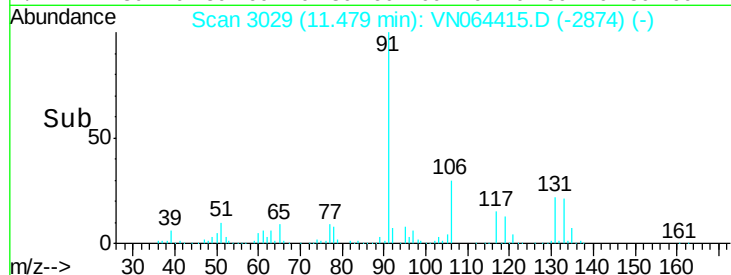


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

Time-->



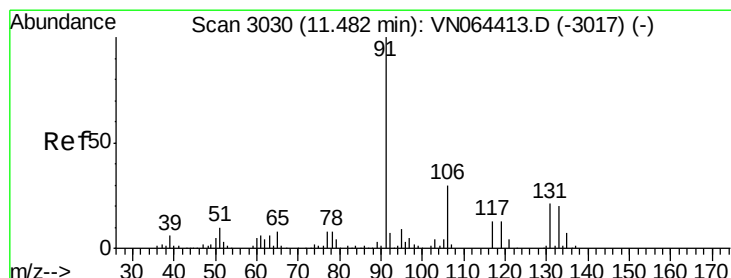
Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

Time-->



#66

Ethyl Benzene

Concen: 103.349 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064415.D

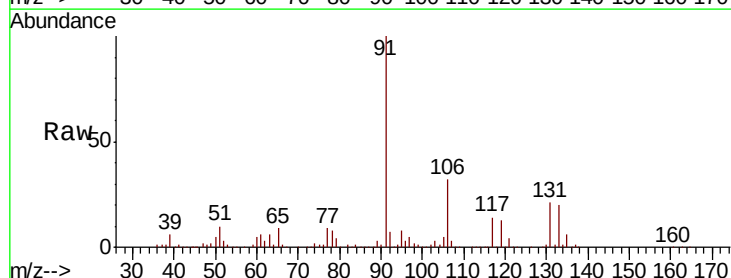
Acq: 2 Nov 2020 15:01

Tgt Ion: 91 Resp: 1981195

Ion Ratio Lower Upper

91 100

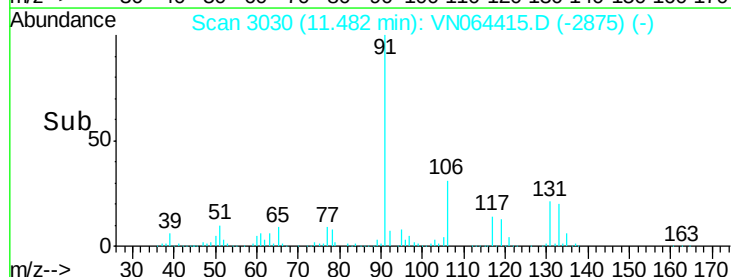
106 31.8 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

Time-->

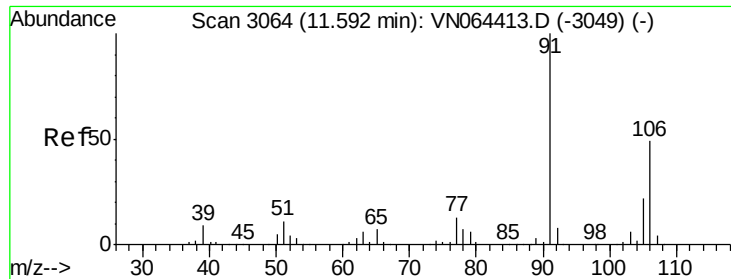


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

Time-->



#67

m/p-Xylenes

Concen: 212.688 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

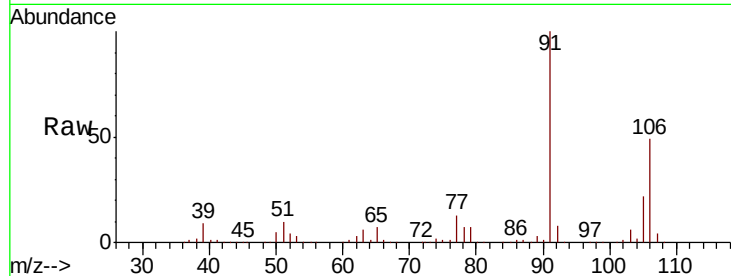
VSTDIC100

Tot Ion:106 Resp: 1510114

Ion Ratio Lower Upper

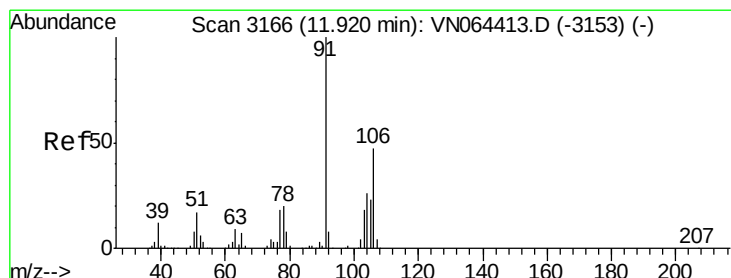
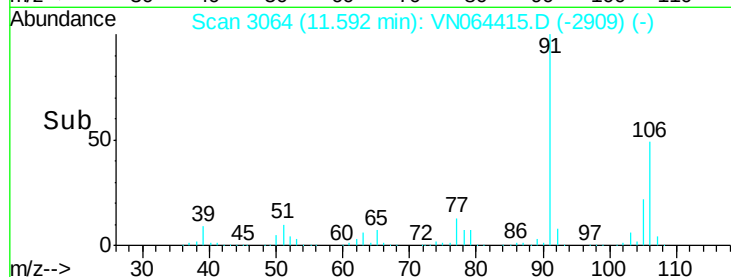
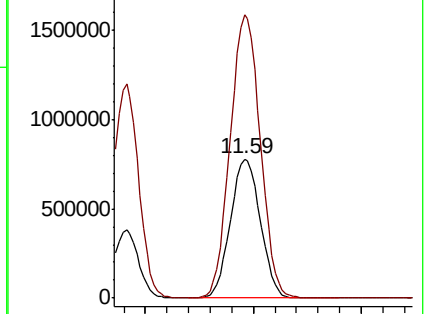
106 100

91 204.0 166.8 250.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 103.591 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN064415.D

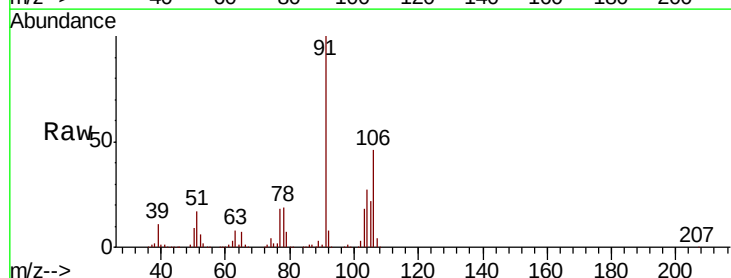
Acq: 2 Nov 2020 15:01

Tgt Ion:106 Resp: 721884

Ion Ratio Lower Upper

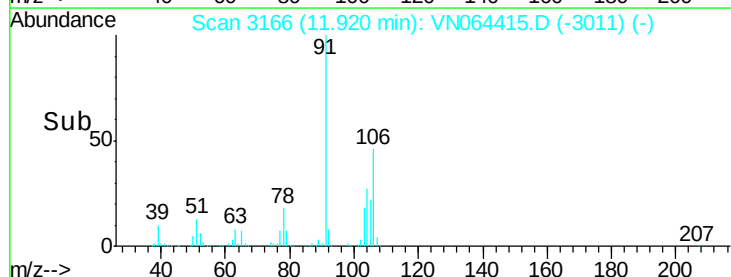
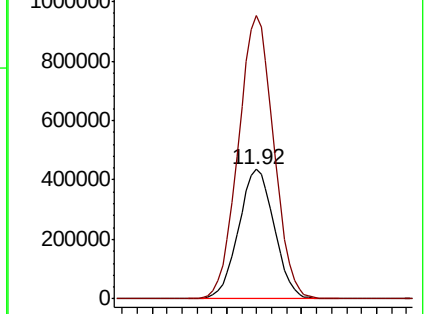
106 100

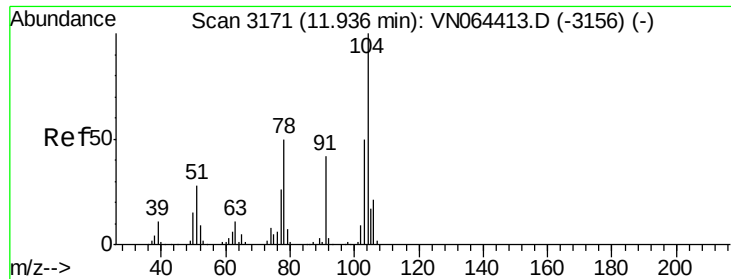
91 216.9 106.7 320.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

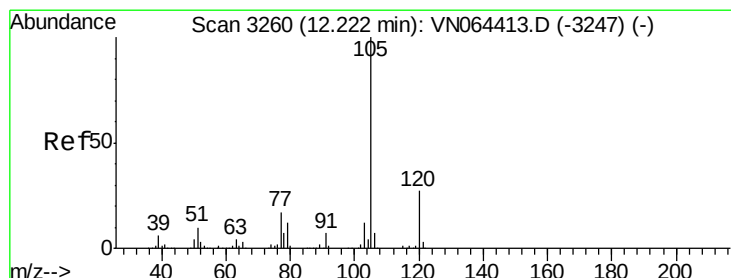
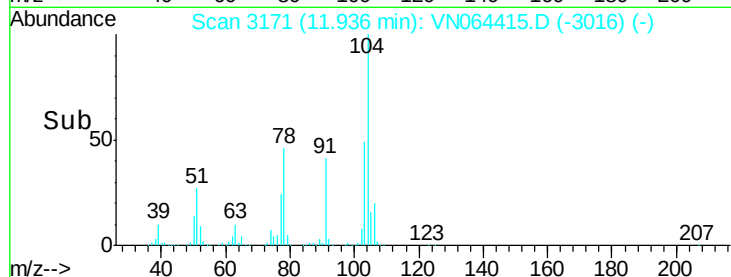
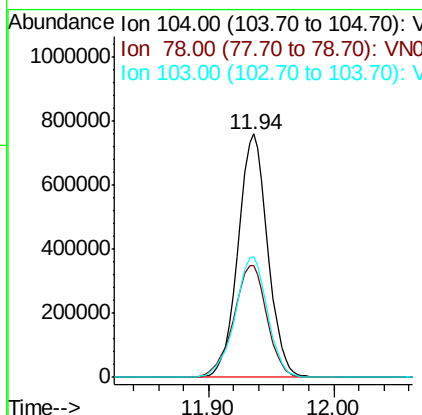
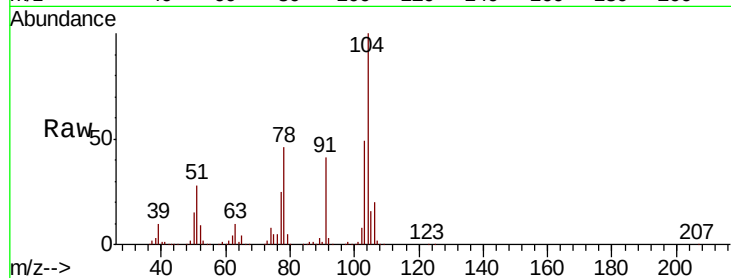




#69
Stvrene
Concen: 108.263 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

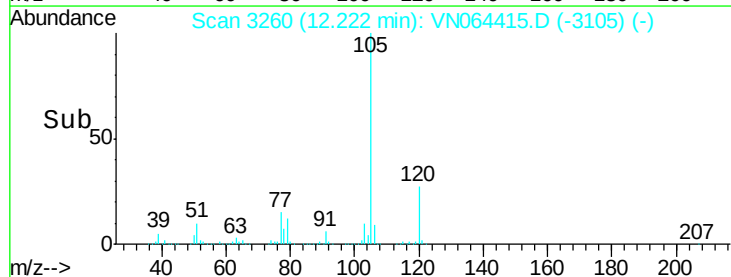
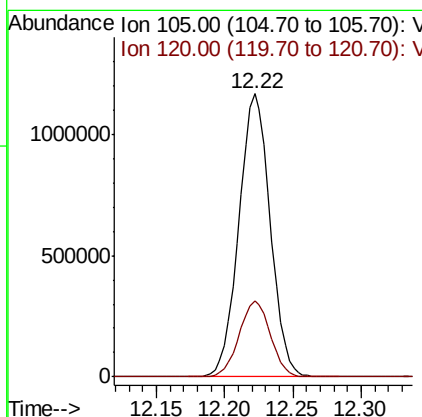
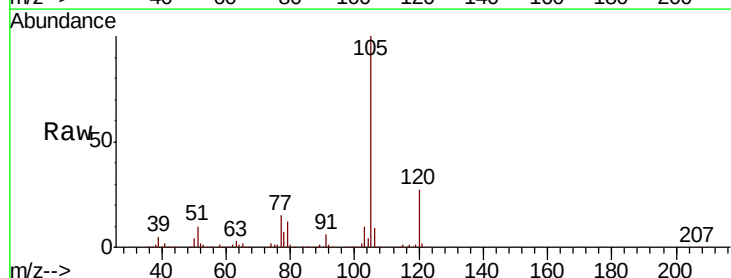
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

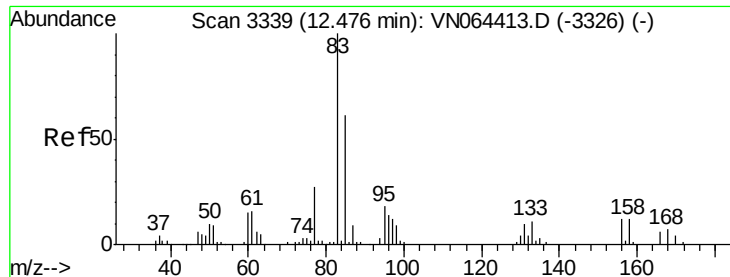
Tot Ion:104 Resp: 1248009
Ion Ratio Lower Upper
104 100
78 51.8 44.3 66.5
103 53.9 43.5 65.3



#70
Isopropylbenzene
Concen: 101.145 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064415.D
Acq: 2 Nov 2020 15:01

Tgt Ion:105 Resp: 1855384
Ion Ratio Lower Upper
105 100
120 26.9 18.0 33.4

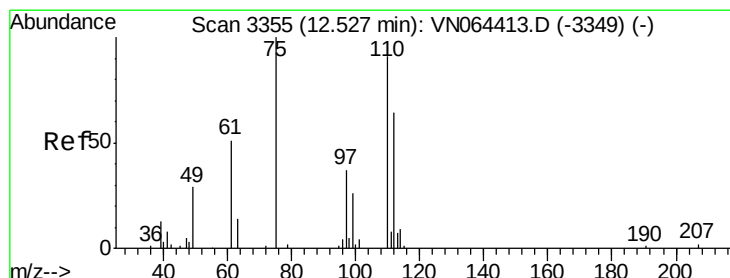
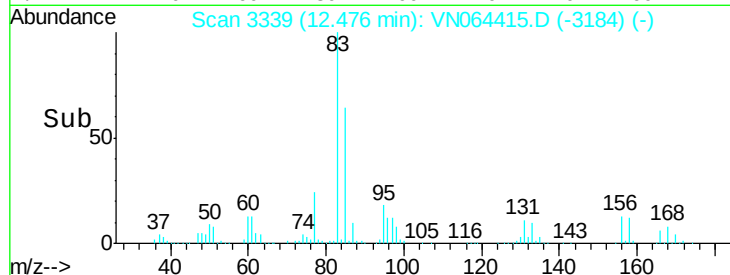
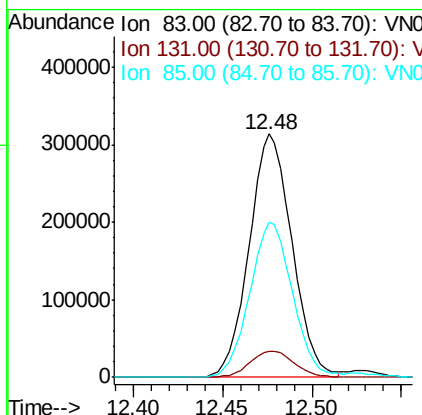
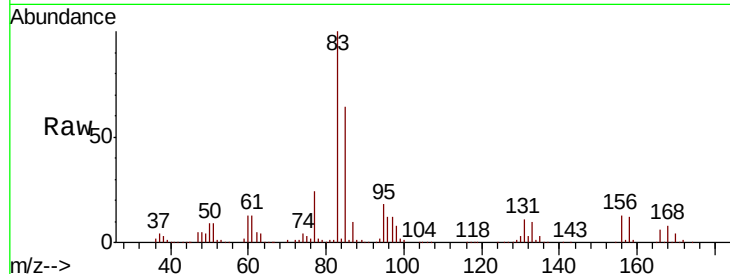




#71
 1,1,2,2-Tetrachloroethane
 Concen: 101.728 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

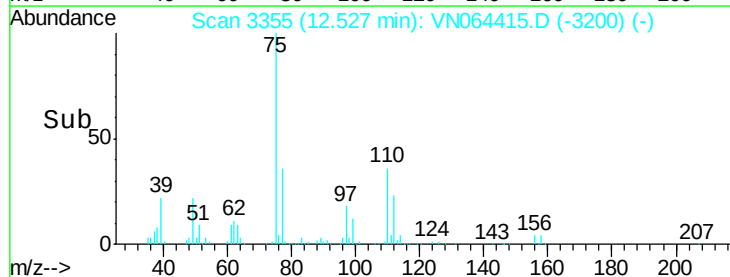
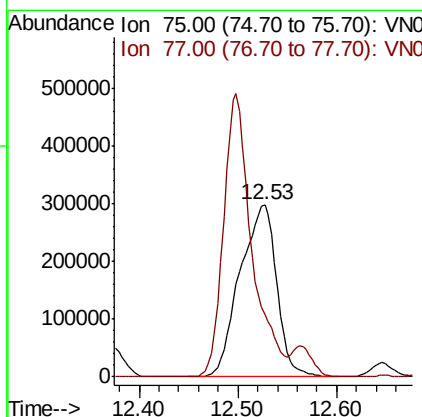
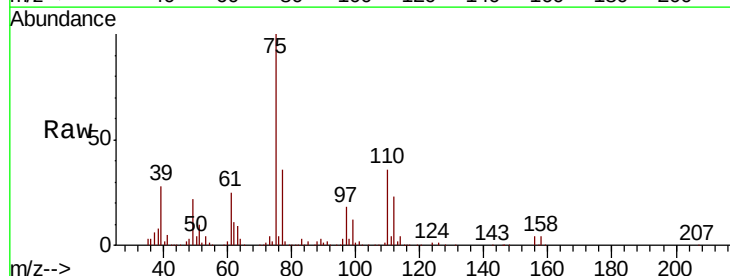
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

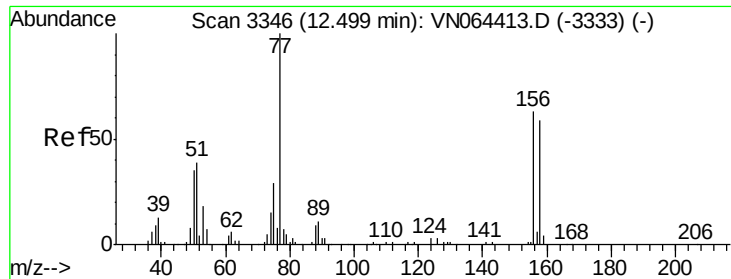
Tot Ion	83	Resp	526800
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	16.1
85	63.6	30.9	92.7



#72
 1,2,3-Trichloropropane
 Concen: 143.036 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion	75	Resp	766812
Ion Ratio	Lower	Upper	
75	100		
77	129.3	0.0	374.2





#73

Bromobenzene

Concen: 107.842 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

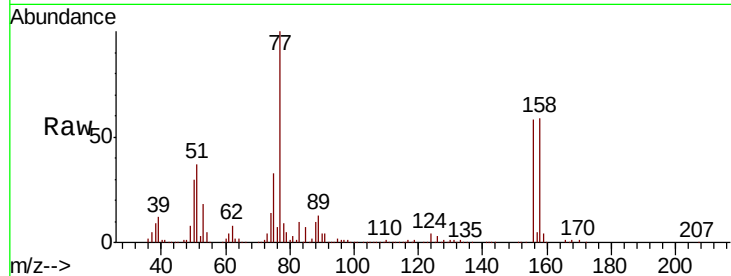
Tot Ion:156 Resp: 490830

Ion Ratio Lower Upper

156 100

77 202.0 0.0 409.4

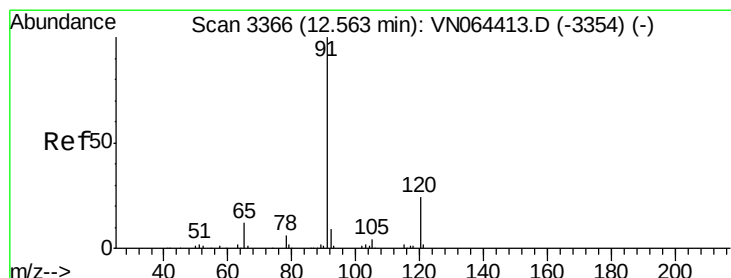
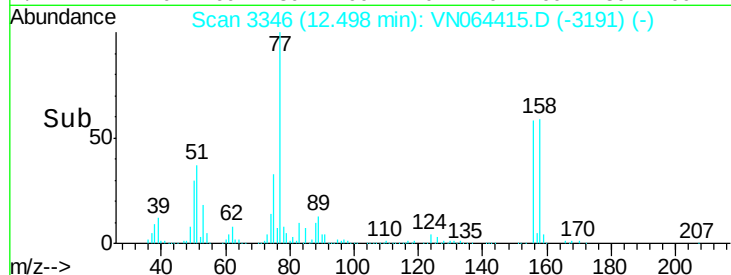
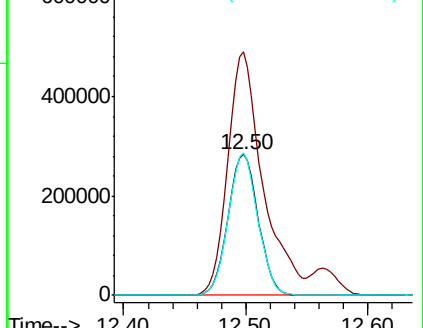
158 98.4 0.0 192.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 101.595 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064415.D

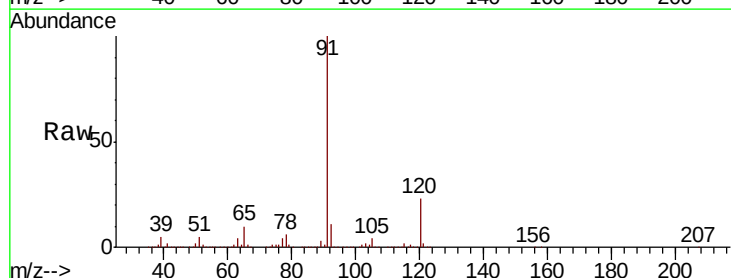
Acq: 2 Nov 2020 15:01

Tgt Ion: 91 Resp: 2109860

Ion Ratio Lower Upper

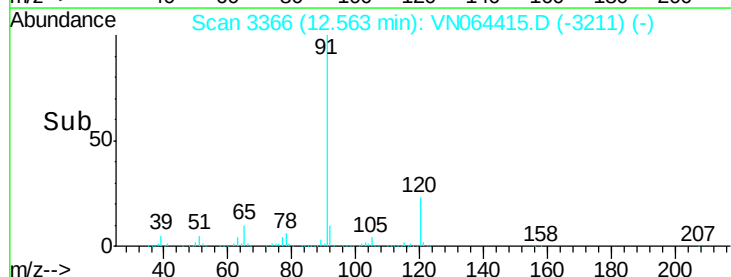
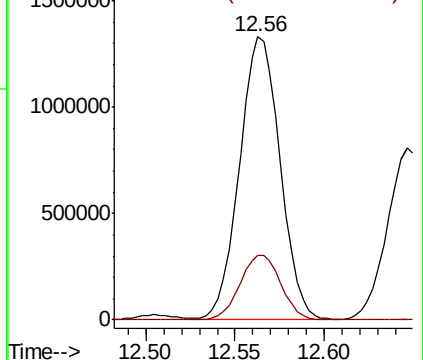
91 100

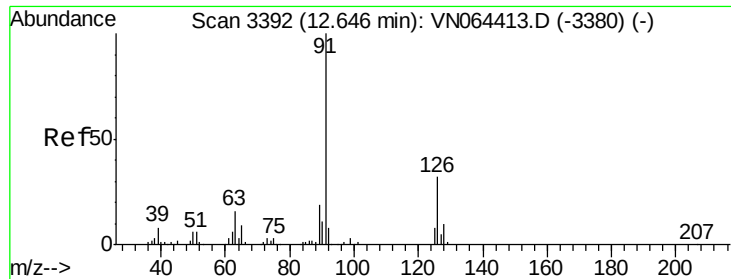
120 23.0 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

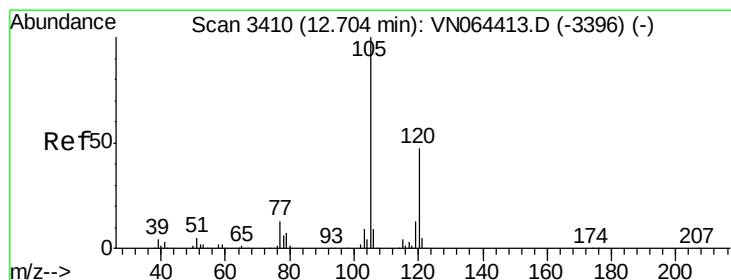
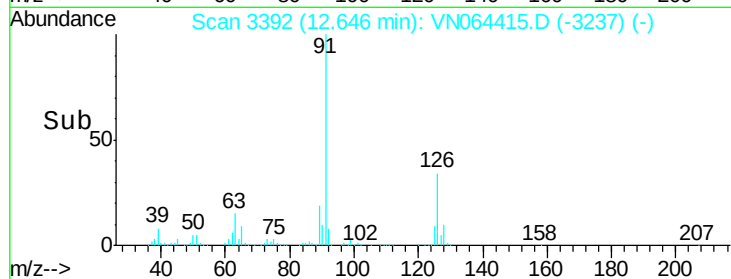
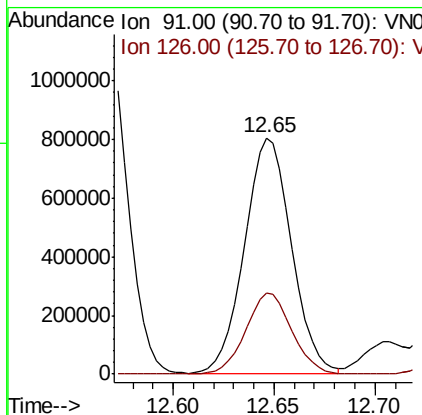
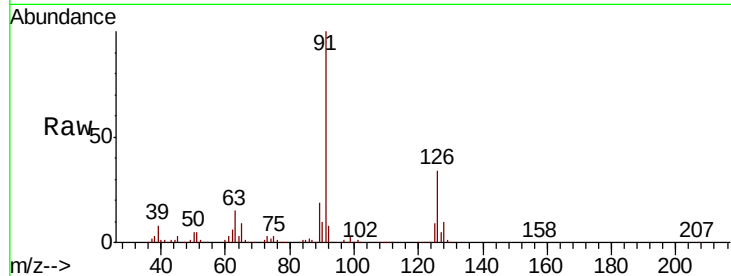




#75
 2-Chlorotoluene
 Concen: 101.987 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

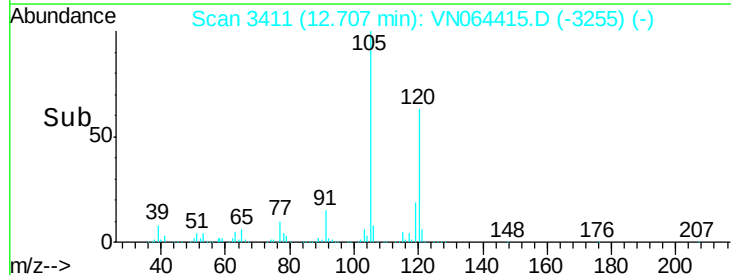
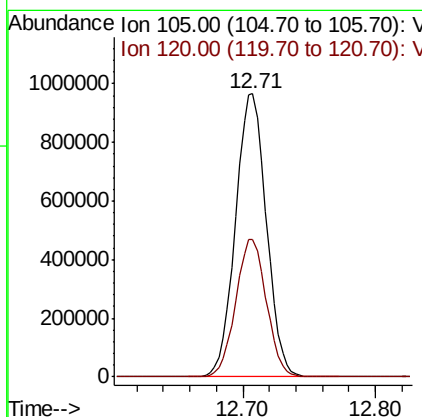
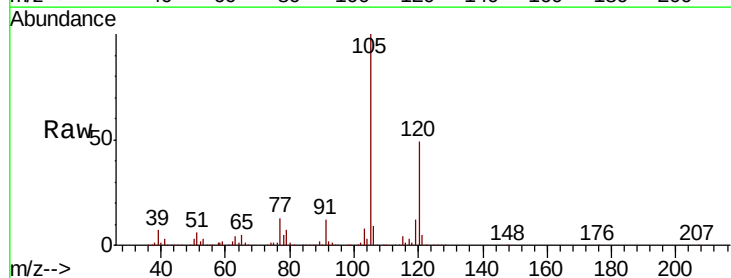
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

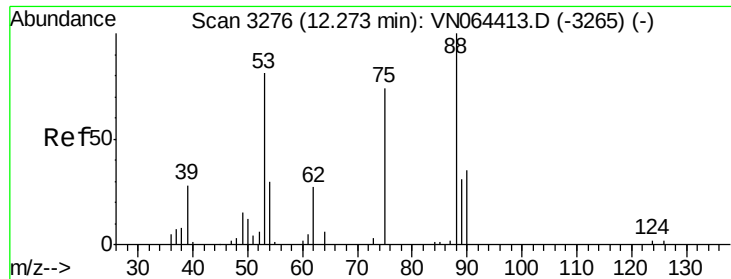
Tot Ion: 91 Resp: 1315326
 Ion Ratio Lower Upper
 91 100
 126 33.6 0.0 63.8



#76
 1,3,5-Trimethylbenzene
 Concen: 101.102 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 105 Resp: 1557734
 Ion Ratio Lower Upper
 105 100
 120 48.2 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 102.587 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

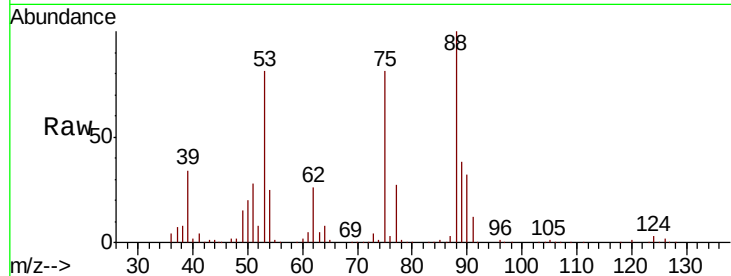
Tot Ion: 75 Resp: 206566

Ion Ratio Lower Upper

75 100

53 100.5 54.1 162.4

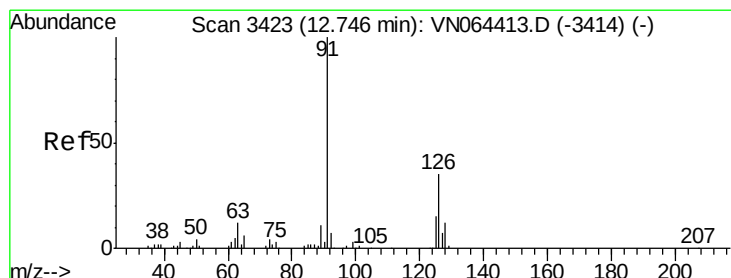
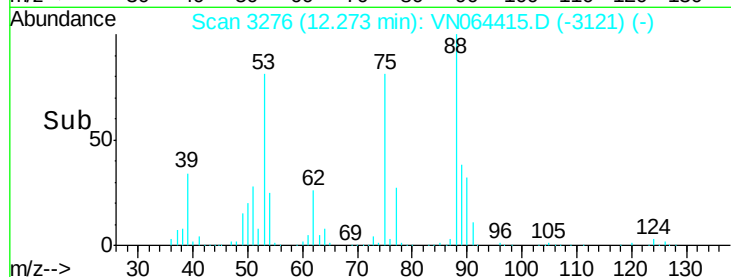
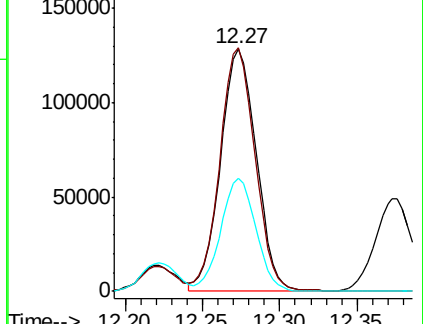
89 46.8 23.1 69.3



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 102.398 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064415.D

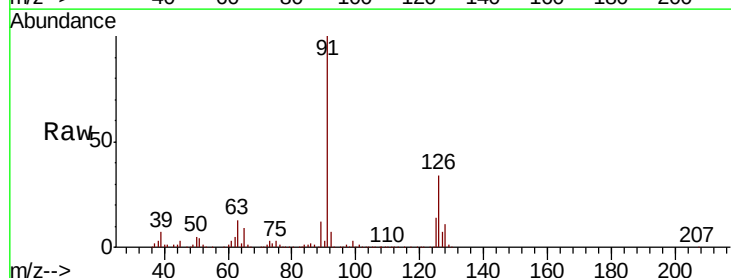
Acq: 2 Nov 2020 15:01

Tgt Ion: 91 Resp: 1378488

Ion Ratio Lower Upper

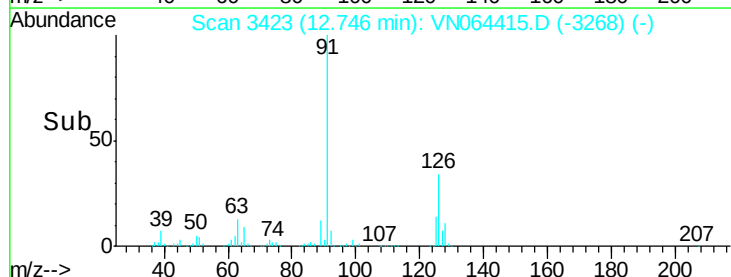
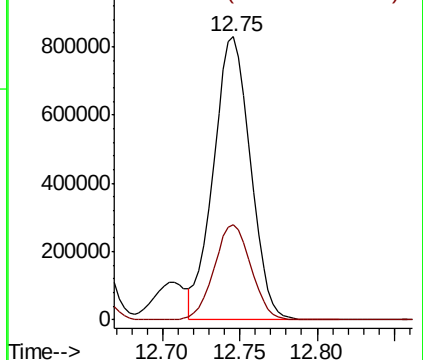
91 100

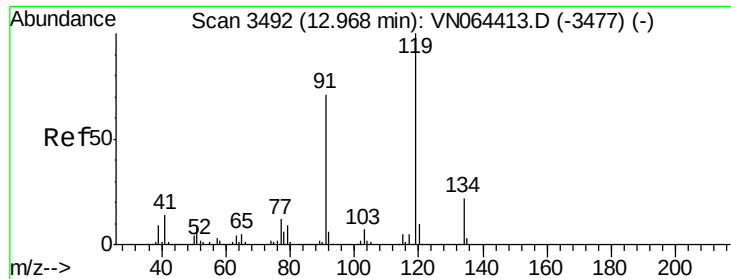
126 33.6 0.0 63.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

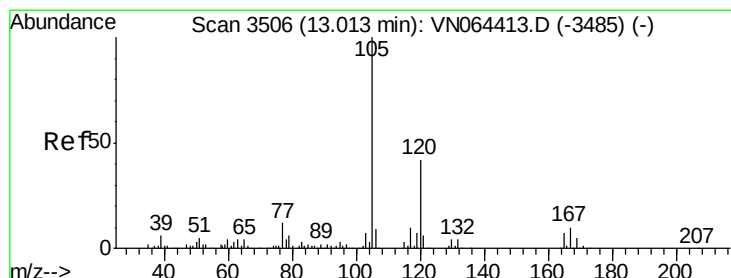
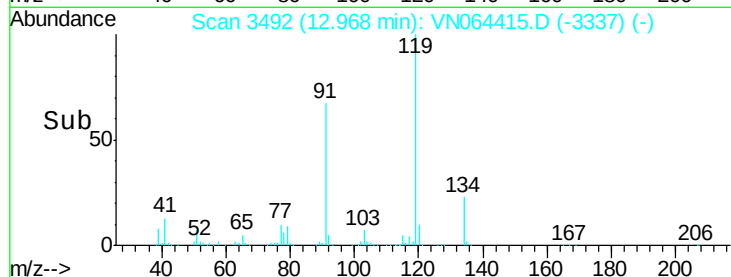
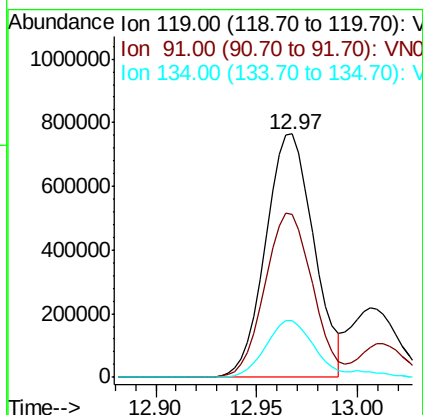
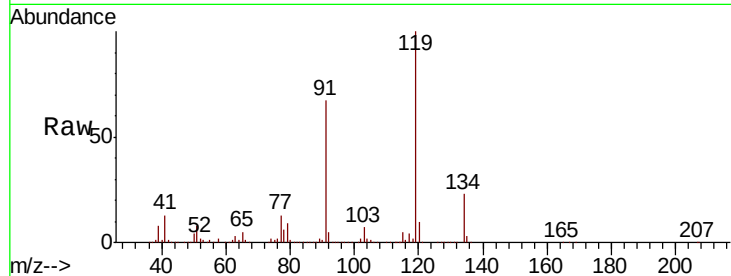




#79
 tert-butylbenzene
 Concen: 99.694 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

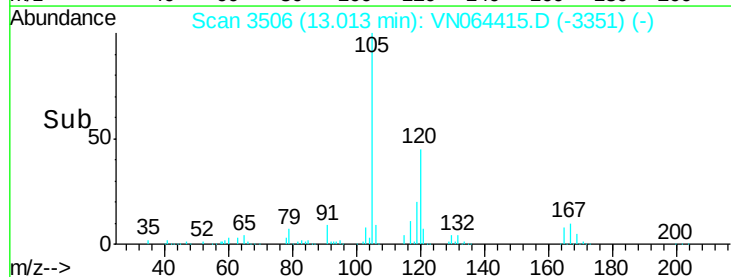
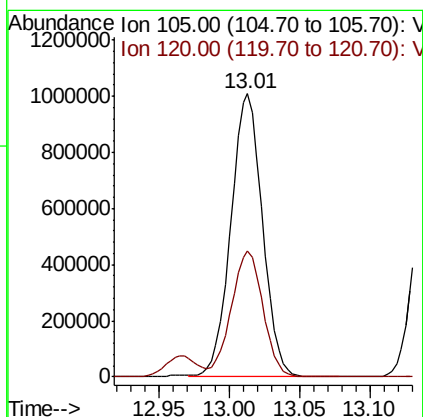
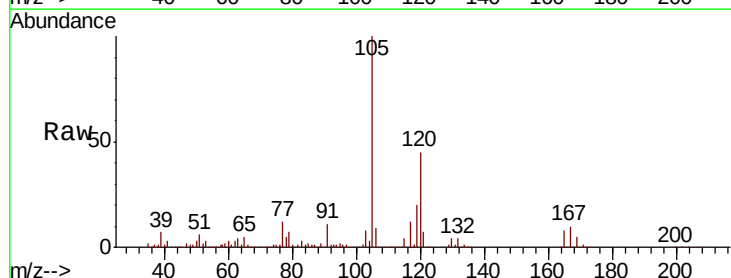
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

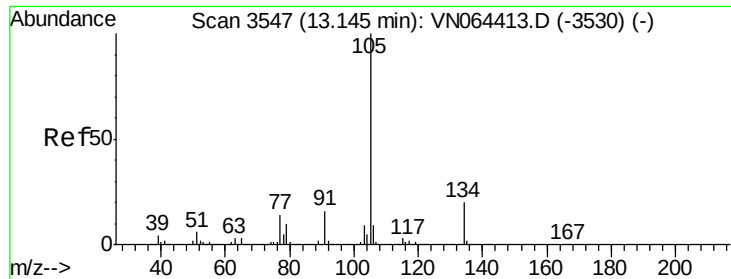
Tot Ion:119 Resp: 1269132
 Ion Ratio Lower Upper
 119 100
 91 66.6 0.0 140.4
 134 23.6 0.0 46.2



#80
 1,2,4-Trimethylbenzene
 Concen: 101.338 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion:105 Resp: 1577206
 Ion Ratio Lower Upper
 105 100
 120 45.0 0.0 88.0





#81

sec-Butylbenzene

Concen: 96.005 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampled :

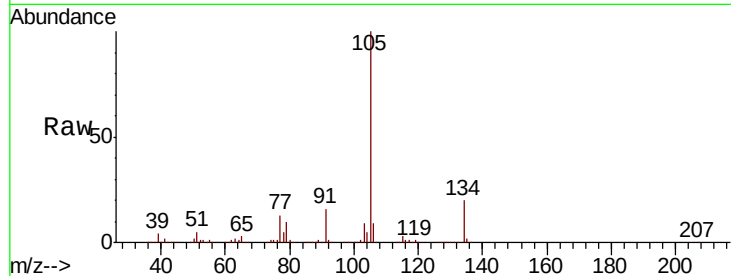
VSTDIC100

Tot Ion:105 Resp: 1574395

Ion Ratio Lower Upper

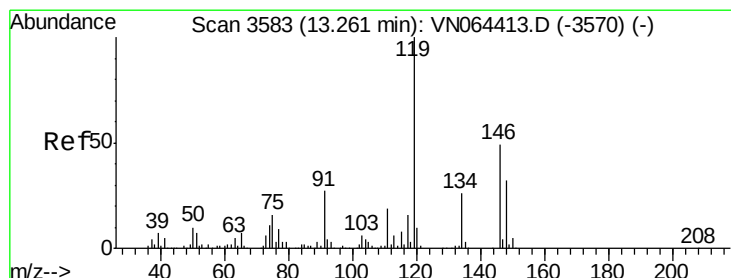
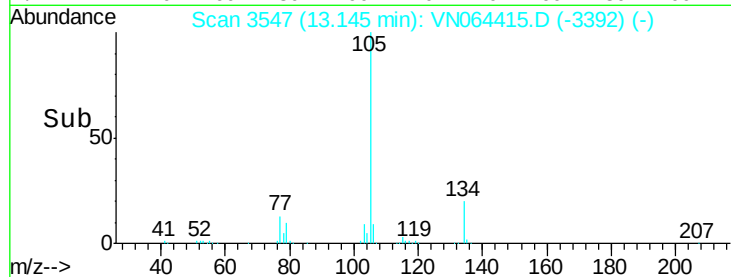
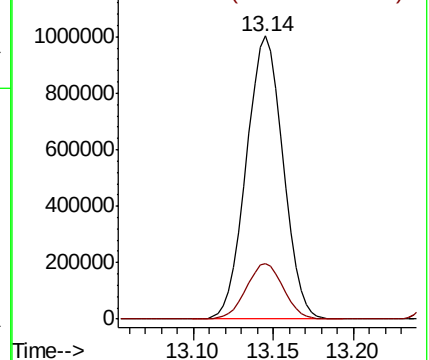
105 100

134 19.8 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: 98.309 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

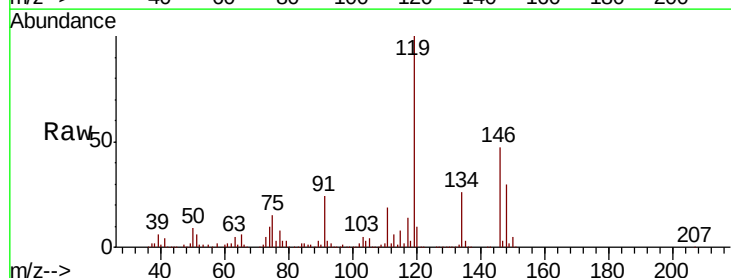
Tgt Ion:119 Resp: 1477731

Ion Ratio Lower Upper

119 100

134 25.9 0.0 51.0

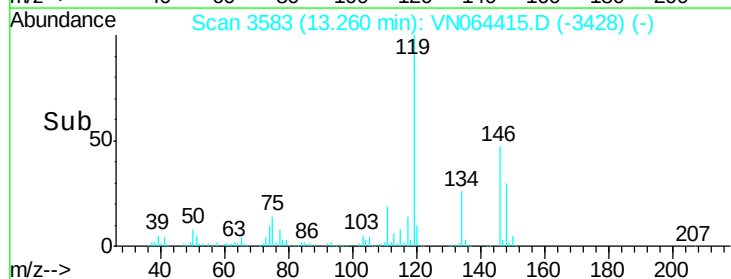
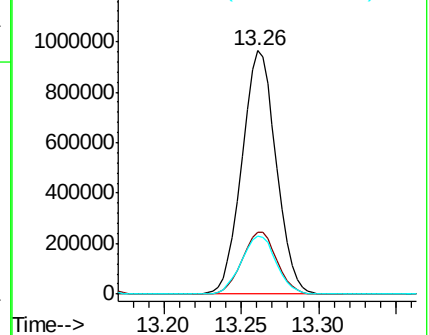
91 24.5 0.0 51.4

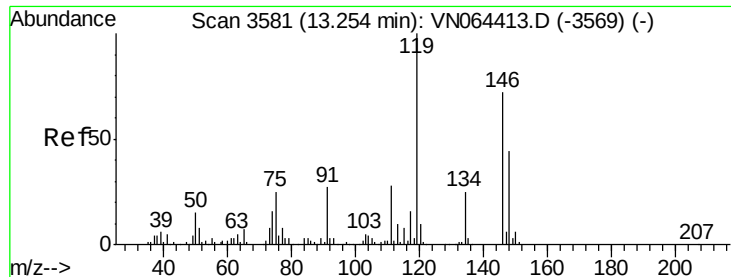


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

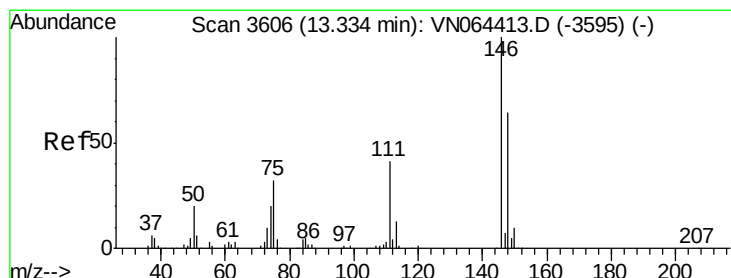
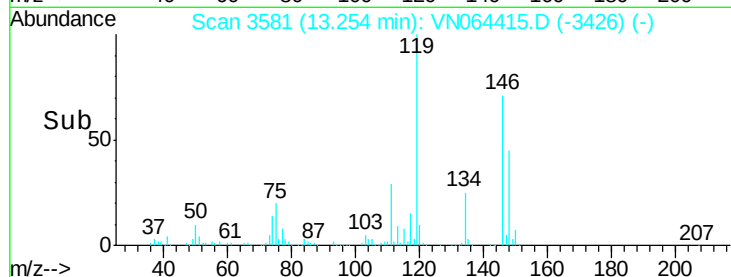
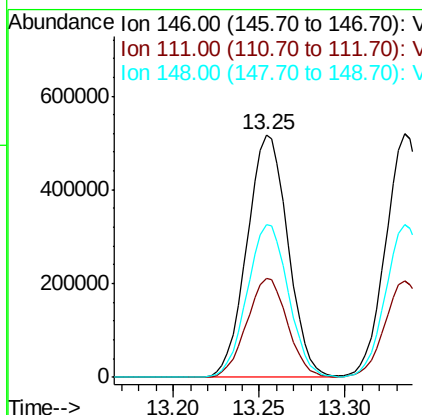
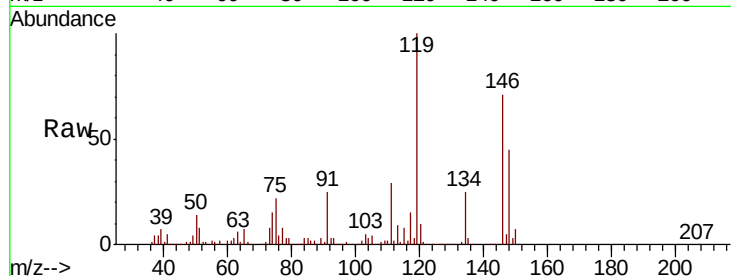




#83
 1,3-Dichlorobenzene
 Concen: 108.529 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

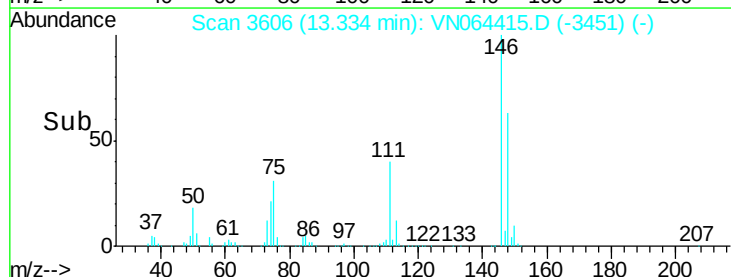
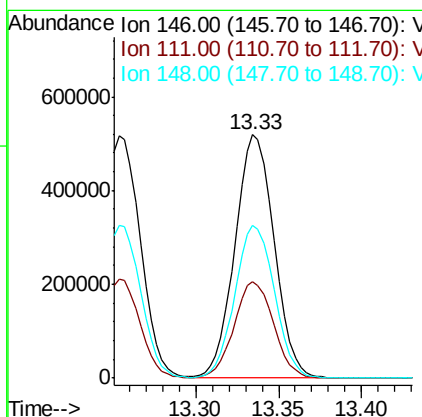
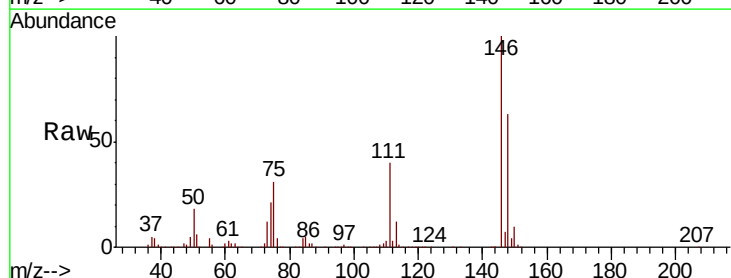
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

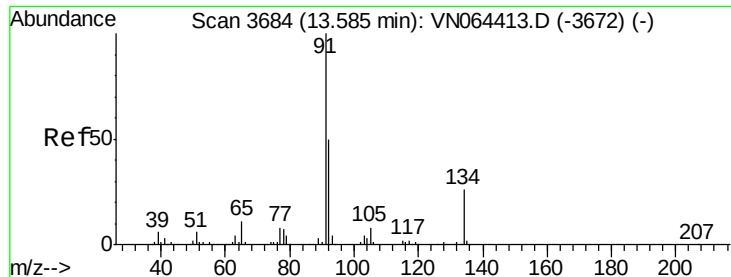
Tot Ion:146 Resp: 852626
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 63.6 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 107.634 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion:146 Resp: 851224
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.6
 148 63.5 31.9 95.5





#85

n-Butylbenzene

Concen: 93.107 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

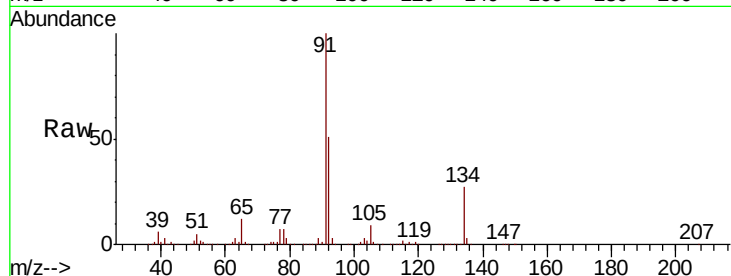
Tot Ion: 91 Resp: 1210037

Ion Ratio Lower Upper

91 100

92 51.6 0.0 99.4

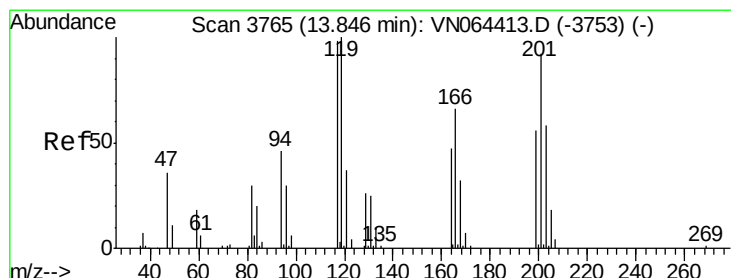
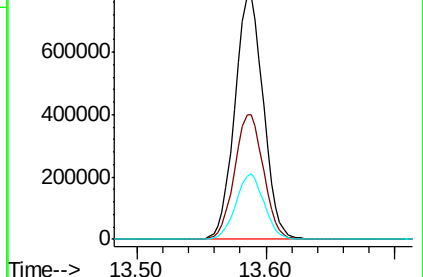
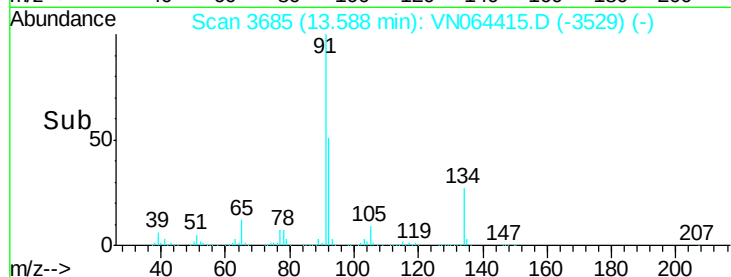
134 26.3 0.0 50.0



Abundance Ion 91.00 (90.70 to 91.70): VN064415.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN064415.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN064415.D (-3672) (-)



#86

Hexachloroethane

Concen: 101.917 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064415.D

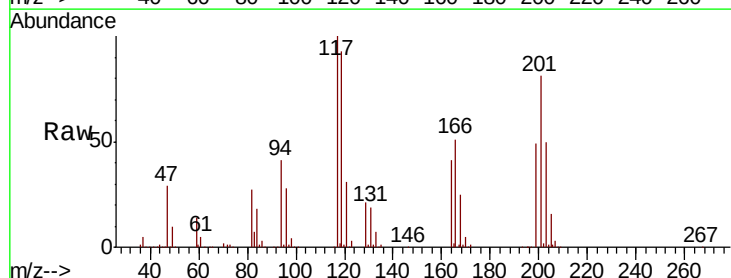
Acq: 2 Nov 2020 15:01

Tgt Ion: 117 Resp: 283841

Ion Ratio Lower Upper

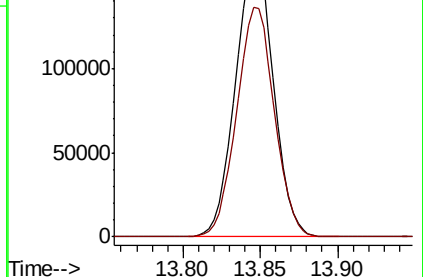
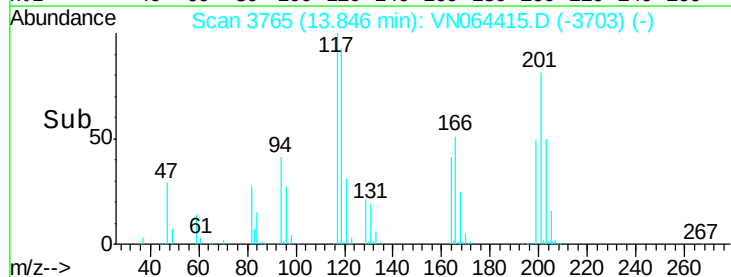
117 100

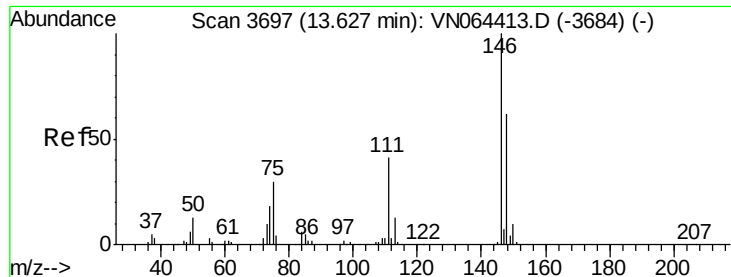
201 81.4 42.7 128.1



Abundance Ion 117.00 (116.70 to 117.70): VN064415.D (-3753) (-)

Ion 201.00 (200.70 to 201.70): VN064415.D (-3753) (-)

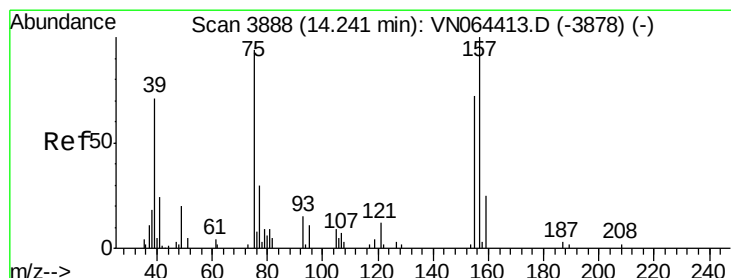
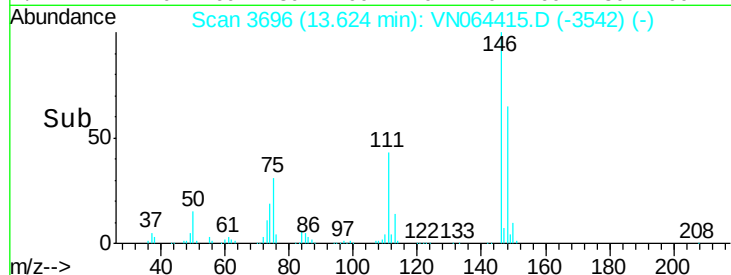
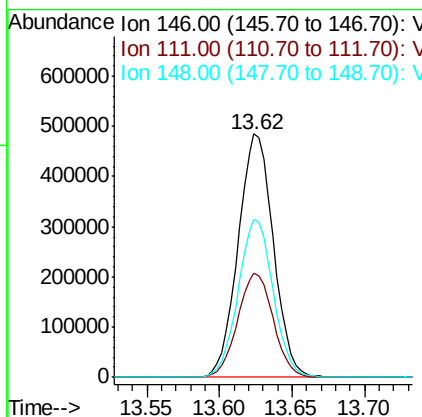
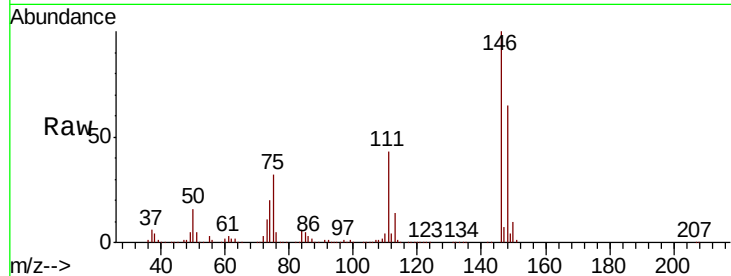




#87
 1,2-Dichlorobenzene
 Concen: 105.826 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

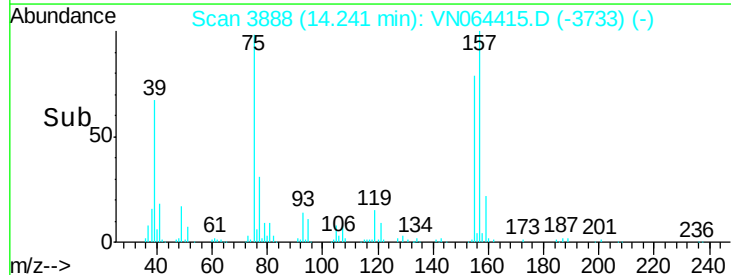
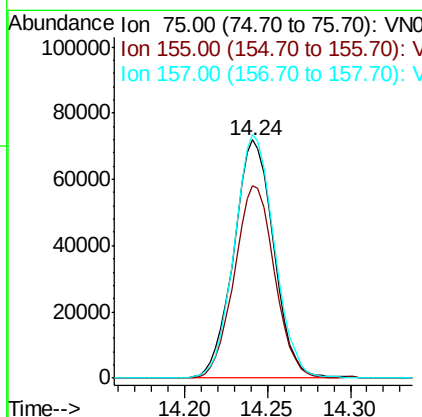
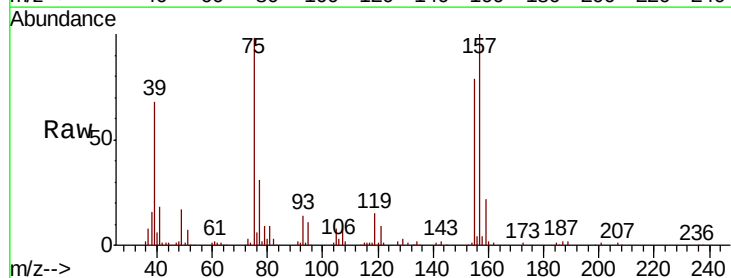
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

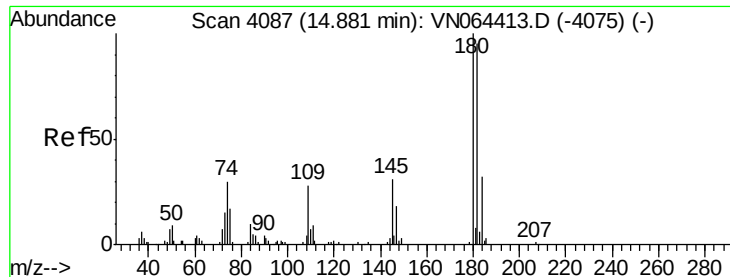
Tot Ion:146 Resp: 819183
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 64.0
 148 64.7 31.7 95.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 95.002 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion: 75 Resp: 120747
 Ion Ratio Lower Upper
 75 100
 155 81.0 66.2 99.2
 157 102.1 82.7 124.1

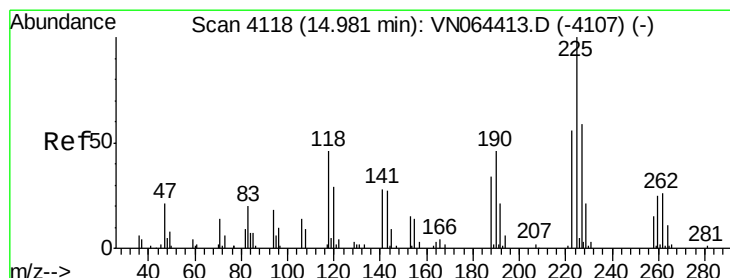
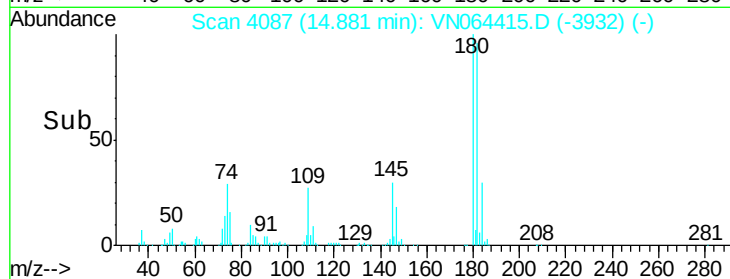
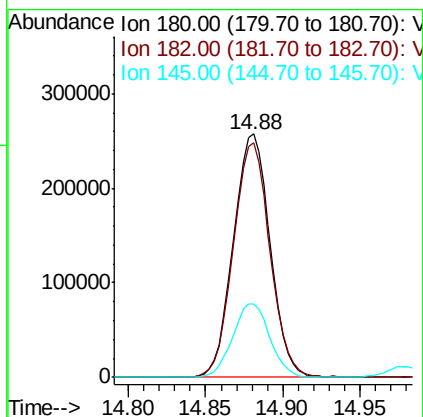
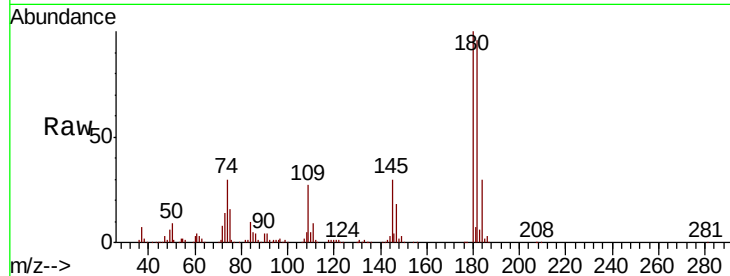




#89
 1,2,4-Trichlorobenzene
 Concen: 99.145 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

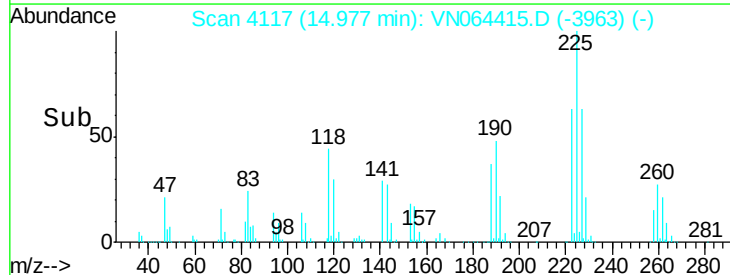
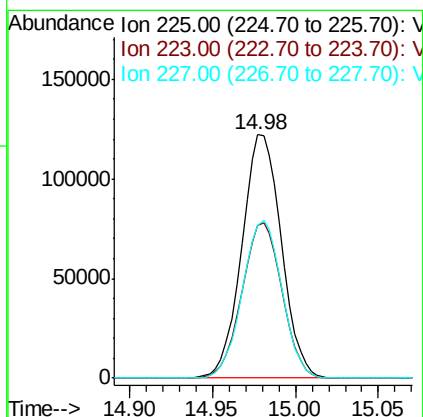
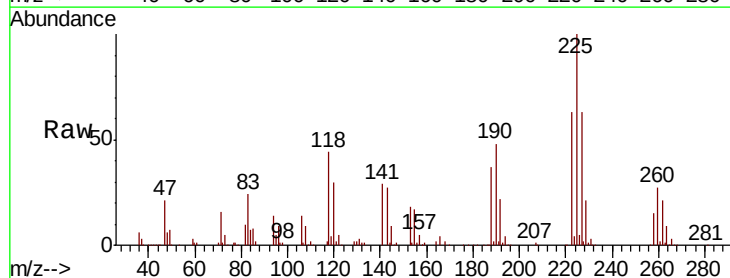
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

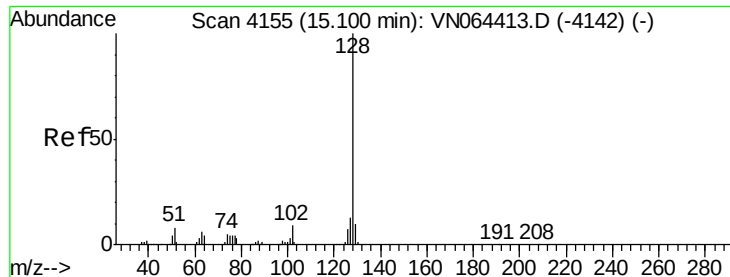
Tot Ion:180 Resp: 423821
 Ion Ratio Lower Upper
 180 100
 182 96.1 72.6 108.8
 145 30.7 24.3 36.5



#90
 Hexachlorobutadiene
 Concen: 88.111 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064415.D
 Acq: 2 Nov 2020 15:01

Tgt Ion:225 Resp: 203048
 Ion Ratio Lower Upper
 225 100
 223 64.6 0.0 125.6
 227 64.8 0.0 121.6





#91

Naphthalene

Concen: 101.186 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

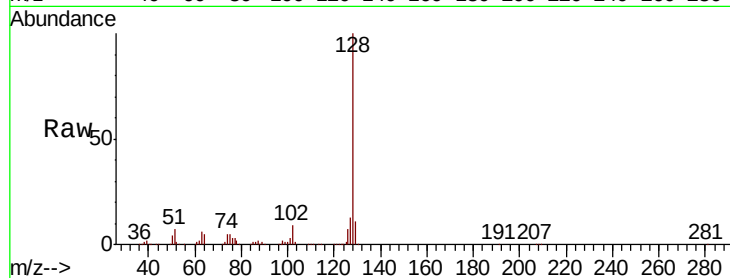
Tot Ion:128 Resp: 1279471

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

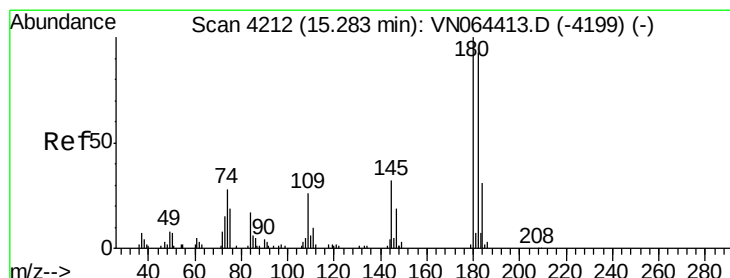
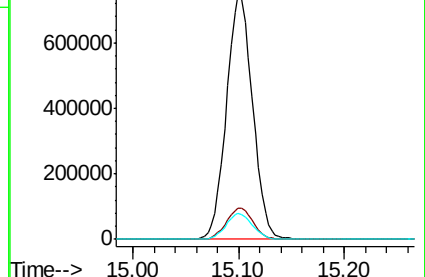
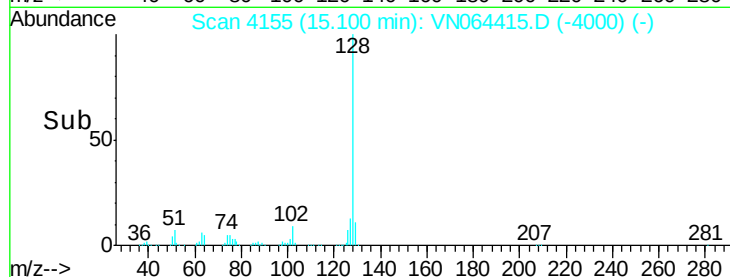
129 10.7 8.6 13.0



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: 100.205 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064415.D

Acq: 2 Nov 2020 15:01

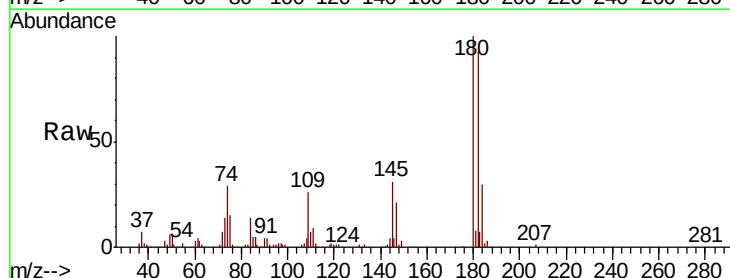
Tgt Ion:180 Resp: 410175

Ion Ratio Lower Upper

180 100

182 94.9 0.0 191.4

145 31.9 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

